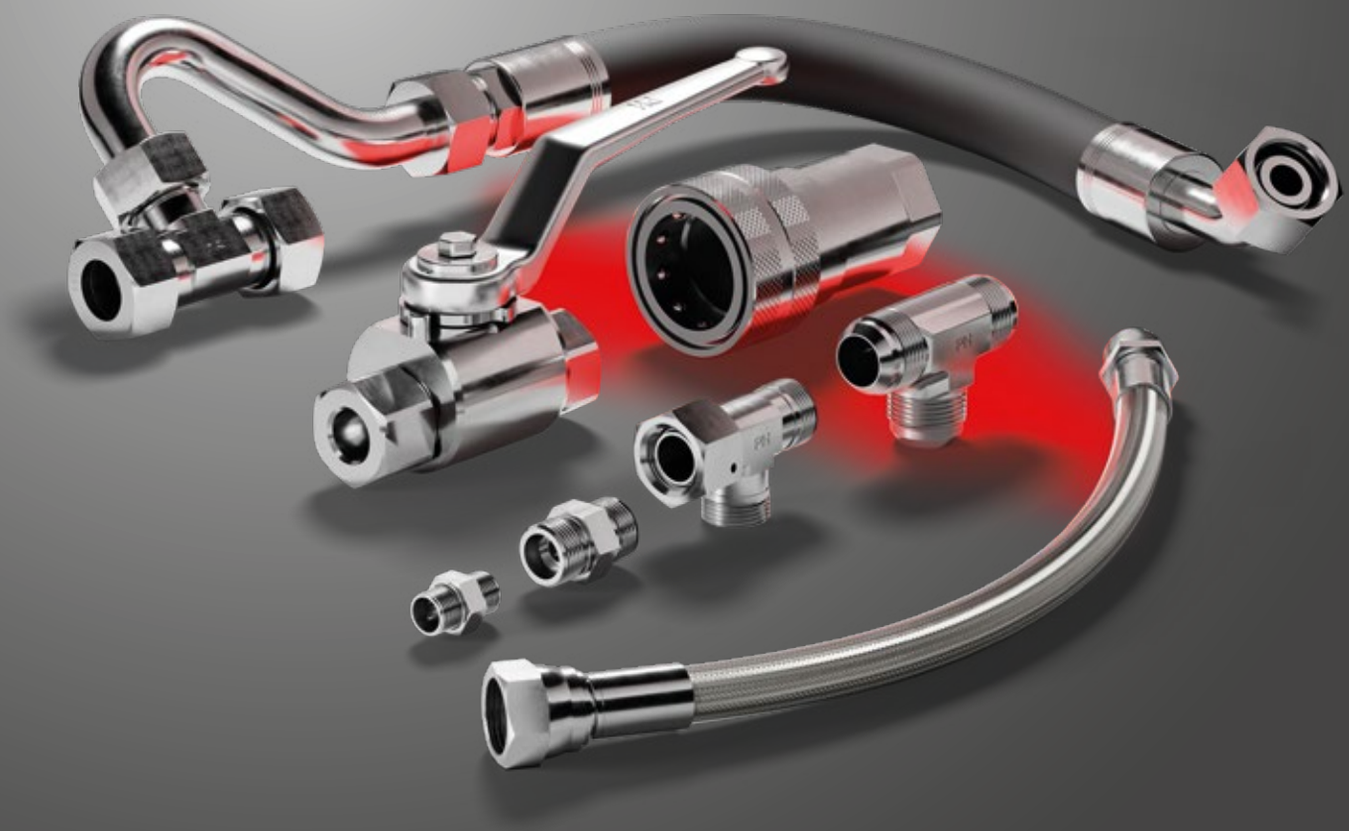
EDELSTAHL / STAINLESS STEEL
VERBINDUNGSTECHNIK
FLUID CONNECTORS

Mit Sicherheit.
Edelstahl Verbindungstechnik von PH.



Safety first. Stainless Steel connectors from PH.

ÜBER UNS

PH Industrie-Hydraulik ist ein führender Hersteller von Rohr- und Schlauchverbindungen aus Edelstahl Werkstoff 1.4571.

Unsere Standards

- Entwicklung & Fertigung mit höchster Präzision
- Breite Produktpalette für alle Anforderungen
- Einhaltung gültiger Standards und Normen
- Rigorose Qualitätskontrolle
- Hohe Verfügbarbeit
- Prompte Lieferung

COMPANY

PH Industrie-Hydraulik is a leading European manufacturer of hydraulic hose couplings and compression fittings made from Stainless Steel AISI 316 ti.

Our standards

- Development & manufacturing with highest precision
- Wide range of products for all requirements
- Compliance with applicable standards and norms
- Rigorous quality control
- Maximum availability
- Prompt delivery

EDELSTAHL / STAINLESS STEEL
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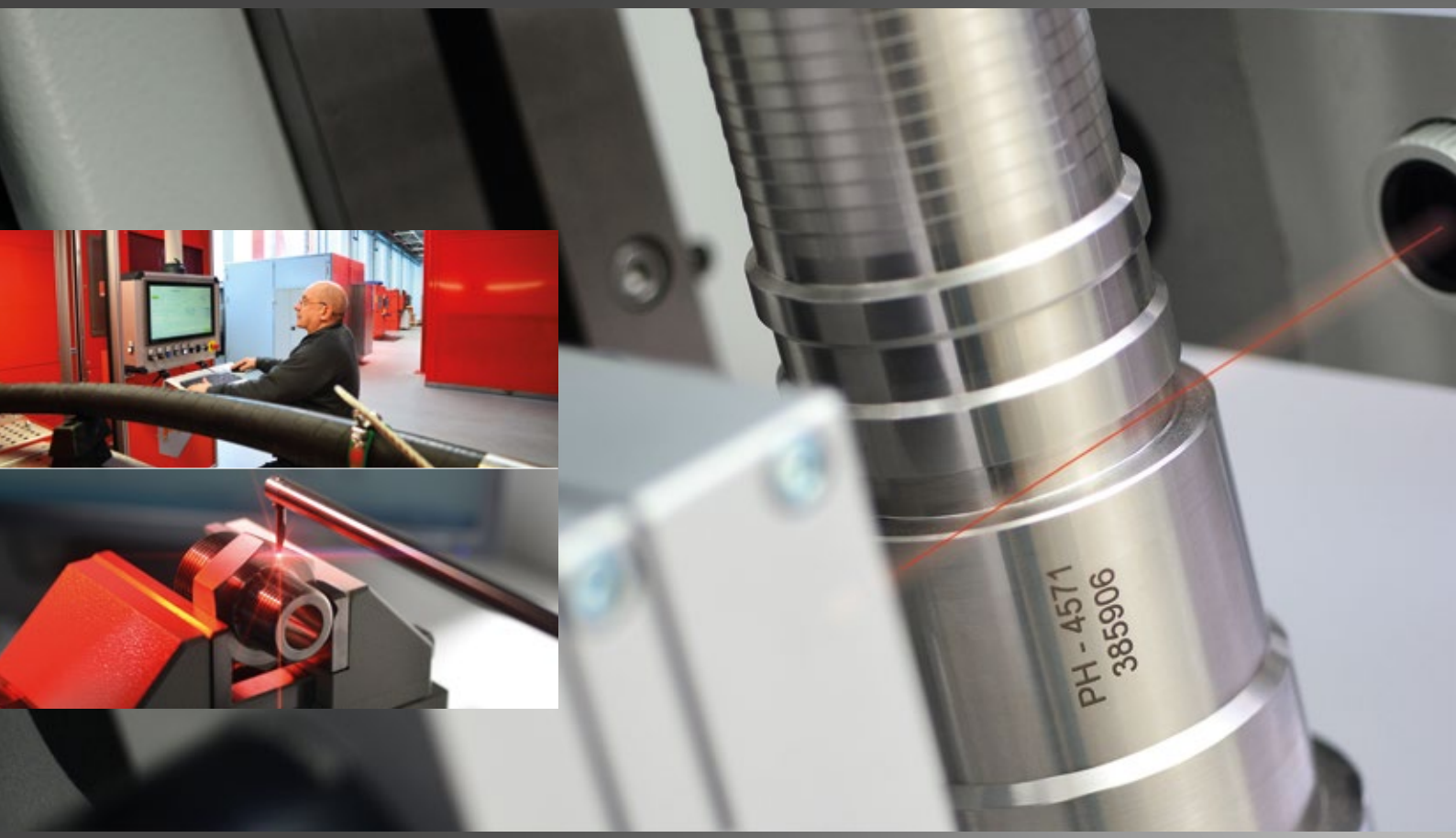
Geschichte

- Gründung der PH Industrie-Hydraulik im Jahre 1982 durch Peter Hen
- Das erste Geschäftsfeld war das Herstellen von Hydraulik-Schlauchleitungen und die Lieferung von Hydraulik-Komponenten aus den Werkstoffen Stahl und Edelstahl
- Im Laufe der Zeit wurde das Geschäft mit dem Handel von Edelstahl-Produkten immer bedeutender
- 1985 wurden die ersten Edelstahl-Teile nach PH-Zeichnungen von Unterproduzenten gefertigt
- 1992 Kauf von eigenen Produktionsmaschinen
- 1999 Gründung der eigenen, selbstständigen Produktionsstätte
- Im Laufe der Zeit konnte sich PH Industrie-Hydraulik zu einem der bedeutendsten Produzenten für Edelstahl-Komponenten weltweit entwickeln
- 2018 Umzug der PH Industrie-Hydraulik

History

- Foundation of PH Industrie-Hydraulik in 1982 by Peter Hen
- The first business was the production of hydraulic hose assemblies and the supply of hydraulic components made from Steel and Stainless Steel
- In the course of time the business with Stainless Steel products became more important
- 1985 production of the first Stainless Steel products according to PH drawings by sub-producers
- 1992 purchase of own production machinery
- 1999 establishement of its own, independent production facility
- In the course of time PH Industrie-Hydraulik has become the major producer of Stainless Steel products world-wide
- 2018 Relocation of PH Industrie-Hydraulik



QUALITÄT

Unsere Produkte sind entsprechend internationaler Standards und Normen wie DIN / EN / SAE / BS & JIS produziert. Wir sind nach DIN EN ISO 9001:2015 durch Lloyd's Register zertifiziert.

Alle Abmessungen stimmen mit den angegebenen Normen überein und werden durch unsere Qualitätskontrolle rigoros überwacht.

Viele unserer Produkte wurden u.a. durch American Bureau of Shipping, Lloyd's Register of Shipping, Det Norske Veritas, Bureau Veritas zugelassen.

Verbindungen, die halten was sie versprechen.

EDELSTAHL / STAINLESS STEEL
VERBINDUNGSTECHNIK
FLUID CONNECTORS

LRQA

Zertifikat

Hiermit wird bescheinigt, dass das Managementsystem von:

PH Industrie-Hydraulik GmbH & Co. KG

Wuppermannshof 8, 58256 Ennepetal, Deutschland

durch LRQA geprüft und bewertet wurde und den folgenden Normen entspricht:

ISO 9001:2015

Gültigkeits-Nr.: ISO 9001 – 0018408

Das Managementsystem ist anwendbar für:

Herstellung und Vertrieb der Rohr- und Schlauchleitungsverbindungstechnik aus Edelstahl 1.4571 (AISI316Ti).

Paul Graaf

Area Operations Manager, Europe

Ausgestellt von: LRQA Limited

QUALITY

Our products are manufactured in accordance with international standards such as DIN / EN / SAE / BS & JIS. It goes without saying that we are certified according to DIN EN ISO 9001:2015.

All dimensions, threads and tolerances are strictly in accordance with the mentioned specifications. The control of every article is rigorously enforced by our internal quality control department.

Many of our products have been approved by the American Bureau of Shipping, Lloyd's Register of Shipping, Det Norske Veritas, Rina, Bureau Veritas.

Connections which keep what they promise.

Bestehendes Zertifikat:	01. Februar 2024	Erstmalige Zulassung:
Dieses Zertifikat ist gültig bis:	31. Januar 2027	ISO 9001 - 28. Januar 1997
Zertifikat-Nr.:	10563642	

Zertifikat

Hiermit wird bescheinigt, dass das Managementsystem von:

PH Industrie-Hydraulik GmbH & Co. KG

Wuppermannshof 8, 58256 Ennepetal, Deutschland

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Gültigkeits-Nr.: ISO 9001 – 0018408

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Paul Graaf

Area Operations Manager, Europe

Ausgestellt von: LRQA Limited

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Issued by: LRQA Limited, 1 Trinity Park, Bickenhill Lane, Birmingham B37 7ES, United Kingdom

EDELSTAHL / STAINLESS STEEL
VERBINDUNGSTECHNIK
FLUID CONNECTORS

Current issue date:	1 February 2024	Original approval(s):
Expiry date:	31 January 2027	ISO 9001 - 28 January 1997
Certificate identity number:	10563647	

Certificate of Approval

This is to certify that the Management System of:

PH Industrie-Hydraulik GmbH & Co. KG

Wuppermannshof 8, 58256 Ennepetal, Germany

has been approved by LRQA to the following standards:

ISO 9001:2015

Approval number(s): ISO 9001 – 0018408

The scope of this approval is applicable to:

Manufacture and sale of tube and hose connection technology made of stainless steel 1.4571 (AISI316TI).

Paul Graaf

Area Operations Manager, Europe

Issued by: LRQA Limited

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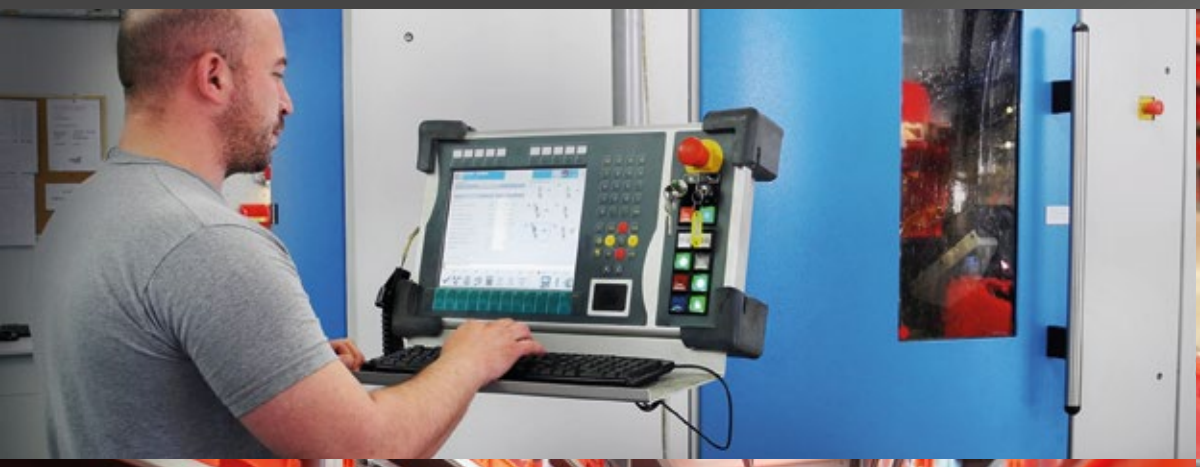
Issued by: LRQA Limited, 1 Trinity Park, Bickenhill Lane, Birmingham B37 7ES, United Kingdom



LOGISTIK

Durch unsere hohen Fertigungskapazitäten und unsere umfangreiche Lagerhaltung sind
wir in der Lage prompt zu reagieren.
Fast alle Artikel sind sofort aus Vorrat lieferbar.

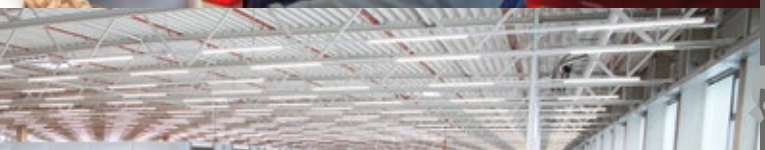
Wir verbinden die Welt.

LOGISTIC

Due to our high production capacities and our extensive inventory we guarantee maximum availability for all product categories. Almost all products are immediately available from stock.

We connect the world.

EDELSTAHL / STAINLESS STEEL
VERBINDUNGSTECHNIK
FLUID CONNECTORS



PH Industrie-Hydraulik GmbH & Co. KG
Wuppermannshof 8, 58256 Ennepetal, Germany
Tel. +49 (0) 2339 6021, Fax +49 (0) 2339 4501
info@ph-hydraulik.de, **www.ph-hydraulik.de**

BERATUNG

Unser qualifiziertes Beratungsteam unterstützt Sie gerne in allen Fragen rund um die PH Edelstahl Produkte.

Wir haben für nahezu jeden Kundenwunsch die passende Lösung parat. Falls nicht, wird diese erarbeitet und individuell optimiert.

Sprechen Sie uns an.
Wir freuen uns auf Sie.

ADVICE

Our highly qualified expert team supports you in all matters relating to the PH Stainless Steel products.

Whenever there is a problem, we either have the solution already or we design and develop it specifically for your needs.

Contact us! See you soon.

Ausführungen
Bei den Verschraubungskomponenten in den Rubriken 8, 9, 10 und 11 wird in drei Ausführungsarten unterteilt.
Diese bedeuten:

Bestellzeichen **Standard**	=	Überwurfmutter blank
Bestellzeichen **SC**	=	Überwurfmutter bis Größe 12-L ist gleitbeschichtet
	=	Überwurfmutter ab Größe 12-S ist mit versilbertem Gewinde
Bestellzeichen **OMD**	=	Verschraubung ohne Überwurfmutter und Schneidring am Außengewinde

Werkszeugnisse

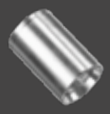
Werkszeugnis nach **EN 10204 / 2.2 / 2.1**	20,00 Euro
Werkszeugnis nach **EN 10204 / 3.1**	15,00 Euro
Werkszeugnis nach **EN 10204 / 3.1 für RKH, BKH, BK3**	100,00 Euro

Versions
The tube connectors in categories 8, 9, 10 and 11 are divided into three types.
As follows:

Order-Code **Standard**	=	Tube nuts are supplied unplated
Order-Code **SC**	=	Tube nuts until size 12-L are supplied chemical plated
	=	Tube nuts from size 12-S are supplied with silver plated thread
Order-Code **OMD**	=	Couplings are supplied without nut and cutting ring at male thread

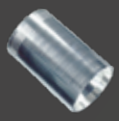
Factory certificates

Factory certification according to **EN 10204 / 2.2 / 2.1**	20,00 Euro
Factory certification according to **EN 10204 / 3.1**	15,00 Euro
Factory certification according to **EN 10204 / 3.1 for RKH, BKH, BK3**	100,00 Euro



1 Allgemeine Informationen
General Information

2 Schlaucharmaturen ohne Ausreißsicherung
Hose Couplings without Wire Trap Area



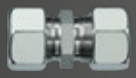
3 Schlaucharmaturen mit Ausreißsicherung – Interlock Serie
Hose Couplings with Wire Trap Area – Interlock Series

4 Schlaucharmaturen – Schraubausführung
Screw-Hose Couplings

5 Adapter – BSP – Metrisch – NPT – Kegelig
Adaptors – BSP – Metric – NPT – Taper

6 Bördelanschlüsse und Adapter 37°
Flare Couplings and Adaptors 37°

7 Bördelanschlussteile für Verschraubungsstutzen mit 24°-Innenkonus
Flare Coupling Parts for Coupling Bodies with 24°-Cone



8 Schneidringverschraubungen
Cone Sealing Couplings

9 Dichtkegel-Verschraubungen mit 24°-Kegel und O-Ring – FPM
Cone Sealing Couplings with 24°-Cone and O-ring – FPM

10 Schweißkegel-Verschraubungen mit O-Ring
Weld Nipple Couplings with O-ring

11 Winkel-Drehverschraubungen
Elbow Rotary Couplings

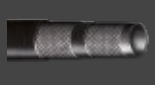
12 Vormontagestutzen und Schmierstoffe
Pre-Installation Dies and Lubricants

13 Kugelhähne und Absperrventile
Ball Valves and Spindle Valves

14 Messanschlüsse
Pressure Gauge Connectors

15 Steckkupplungen und Schraubkupplungen
Push and Pull Couplings and Screw Couplings

16 Rohrbogen
Tube Bends



17 Hydraulik- und PTFE-Schläuche / Montagevorschriften
Hydraulic- and PTFE-Hoses / Instruction for Installation

EDELSTAHL / STAINLESS STEEL
VERBINDUNGSTECHNIK
FLUID CONNECTORS

Allgemeine Informationen
General Information

LRQA

Zertifikat

Hiermit wird bescheinigt, dass das Managementsystem von:

PH Industrie-Hydraulik GmbH & Co. KG

Wuggenmarkstraße 8, 58256 Ennepetal, Deutschland

durch LRQA (deutsch) eine bewertet wurde und das folgenden Normen entspricht:

ISO 9001:2015

Geltungsbereich: ISO 9001 – QS10428

Das Managementsystem ist anwendbar für:

Herstellung und Vertrieb von Rohr- und Schlauchleitungsverbindungstechnik aus Edelstahl 1.4571 (AISI316Ti)

Paul Graf

Area Director Northern Europe

Ausgestellt von: LRQA Limited

1

1.0 Allgemeines

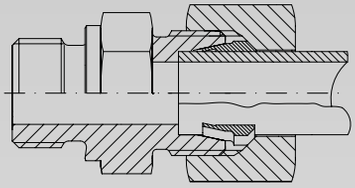
Funktionsbeschreibung der Rohrverschraubungen
Ausgangsbasis sind die Verschraubungen nach DIN 2353 / DIN EN ISO 8434-1 mit Bohrungsform W DIN 3861 (24°-Konus) und deren Stutzen als Standardbauelemente.
Funktionelle und dichte Verbindungen zwischen Stutzen stellen grundsätzlich nachfolgende Verschraubungsarten dar, wobei die Auswahl den technischen Bedürfnissen angepasst werden sollte.
Bei gleichen Stutzen ist eine Auswechselbarkeit unserer verschiedenen Systeme rohranschlussseitig möglich.

1.0 General Information

Description of Function of Screwed Pipe Connections
This screwed pipe connections are based on screwed connections according to DIN 2353 / DIN EN ISO 8434-1 with bore hole shape W DIN 3861 (24°-cone) and the corresponding connection pieces, these elements are used as standard components. The screwed connection types described in the following all represent functional, tight connections between connection piece and pipe. The selection described must be adapted to the specific technical requirements. When the same connection pieces are used, the various PH systems can be exchanged on the pipe connection side.

2.0 Zweikantenschneidring-Verschraubungen

Bei Anzug der Überwurfmutter greift zunächst die vordere Schneidkante in das Rohr ein und bei weiterem Anzug die zweite Schneidkante.
Nach Beendigung der funktionellen Einschnitte der Schneidkanten ist, bedingt durch die konstruktive Formgebung des Schneidringes, eine weitere Eindringtiefe begrenzt.
Gleichzeitig hat sich das Verkeilen des Ringes zwischen Rohr und Stutzen vollzogen. Sowohl in radialer als auch in axialer Richtung ist hierdurch Formschlüssigkeit erreicht worden.



Vor dem Anzug der Überwurfmutter
Before the union nut is tightended

Durch die Profilgebung und hohe Formschlüssigkeit werden auftretende Kräfte auf der gesamten Konuslänge günstig verteilt. Hierdurch wird eine optimale Schwingungssicherheit, hohe Sicherheit gegen Biegewechselspannungen sowie Druck- und Temperaturschwankungen erreicht.

Aufgrund der hohen Oberflächengüte sind relativ günstige Anziehdrehmomente erreichbar. Die Gefahr einer „Übermontage“ ist durch den spürbar starken Anstieg des Momentes (nach funktionsgerechtem Eingriff der Schneidkanten) deutlich erkennbar.
Eine leichte „Übermontage“ beeinträchtigt die Gesamtfunktion nicht.

2.0 Double-Edge Cutting Ring Screw Connections

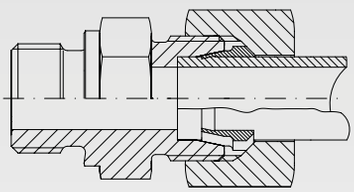
The use of a double-edge cutting ring offers advantages for most requirements. When the union nut is tightened, first the front cutting edge and then the second edge cuts into the pipe when the union nut is tightened further. After the functional cuts of the cutting edges have been completed, cutting depth is limited by the cutting ring design. At the same time, the ring has become wedge between the pipe and the connection piece. Positive locking of the components is attained in this case in both radial and axial directions.

Due to the profile shape and highly positive locking, forces applied to the connection are distributed over the entire length of the cone. This provides optimum protection against vibrations, alternating bending stress and fluctuations in pressure and temperature.

Due to the high surface quality, a relatively advantageous tightening moment can be attained. The risk of „over-tightening” is reduced due to the noticeably heightened increase of the tightened moment (after the cutting edges have properly cut into the pipe).
Slightly „over-tightening” does not impair overall function.

3.0 Bördelverschraubungen mit Zwischenadapter

Durch die Bördelverschraubung wird eine sichere Verbindung zwischen Stutzen mit Bohrungsform W DIN 3861 und 37° gebördelten Rohrenden erreicht. Die Montage ist einfach und beliebig wiederholbar. Der Zwischenring (mit eingelegten O-Ringen) wird bis zum spürbaren Anschlag in den Stutzen eingeführt. Durch seine Form sitzt er leicht klemmend im Stutzen fest.
Bei Anzug der Überwurfmutter drückt der Druckring an die vorgeformte Bördelung des Rohres, die sich andererseits an dem 37°-Konus des Kegelringes anpresst.

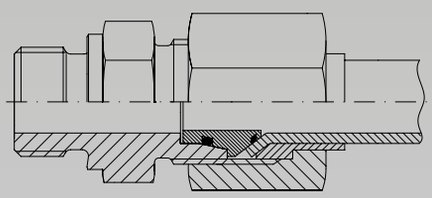


Nach dem Anzug der Überwurfmutter
After the union nut is tightended

3.0 Flare-Coupling with O-ring Adaptors

This flare-coupling connection provides a secure connection between connection pieces with bore hole shape W DIN 3861 and 37° flared pipe ends. Assembly is easy and can be repeated as often as required. The tapered ring (with inserted O-rings) is inserted into the connection piece until the stop is felt. Due to the shape of the tapered ring, it is lightly wedged into the connection piece.
When the union nut is tightened, the thrust collar presses against the pre-formed 37° of the pipe, which in turn presses against the 37° taper of the tapered ring.

Durch die metallisch / elastomere Abdichtung ist eine denkbar sichere Funktion gewährleistet. Die komplette Verschraubung hält hohen Belastungen stand und sichert Biegewechselmomente und Schwingungen ab. Auch höhere Temperaturschwankungen beeinträchtigen die Funktion nicht.



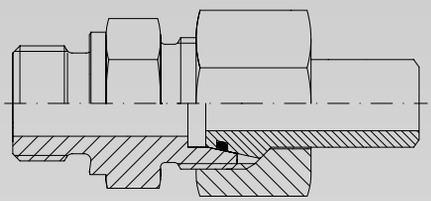
Es sind jedoch die zulässigen Höchsttemperaturen der verwendeten Dichtungswerkstoffe zu beachten. Dies gilt bei allen Verschraubungen mit elastomerer Abdichtung!

Extremely reliable function is ensured by the metallic / elastomer seal. The entire screwed connection can withstand high loads and absorbs alternating bending moments and vibrations. Greater fluctuations in temperature do not influence function.

The maximum permissible temperatures of the materials used must be taken into consideration. This applies to all screwed connections with elastomer seals.

4.0 Schweißkegelverschraubungen

Die Rohrverschraubung mittels Schweißkegel stellt die sinnvolle Ergänzung zu den Schneidringverschraubungen dar. Es sind die gleichen Stutzen gemäß Bohrungsform W DIN 3861 und entsprechende Überwurfmuttern einsetzbar, so dass sich eine gleiche Bauhöhe ergibt.



Eine sichere und dichte Verbindung zwischen Schweißkegel und Stutzen ist durch die metallische Abdichtung und zusätzlich eingesetzten O-Ring gegeben. Sie hält auch extremen Belastungen, insbesondere Druckstößen, Schwingungen und Temperaturschwankungen stand.

Achtung!
Der O-Ring darf erst nach Verschweißung des Schweißkegels eingelegt werden!

4.0 Welding Cone-Couplings

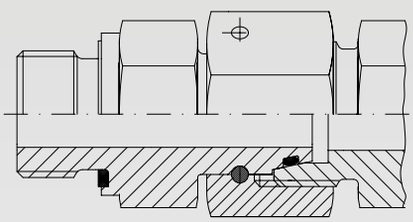
Screwed pipe connections employing welding cones is a logical supplement to the cutting ring screw connections. The same connection pieces with bore hole shape W DIN 3861 and the corresponding union nuts are used, resulting in the same overall height.

A reliable, tight connection between welding cone and connection piece is provided by the metallic seals and additional O-rings. Such connections withstand extreme loads, including pressure impacts, vibrations and fluctuations in temperature.

Attention!
Due to the high temperatures used, the welding cone must be welded to the pipe before the O-ring is inserted.

5.0 Dichtkegelverschraubungen

Aufgrund des verwendeten Anschlusskegels (24°) ist eine normgerechte Verschraubung mit Stutzen (Bohrungsform W nach DIN 3861) durchführbar. Durch den zusätzlich im Kegel eingelegten O-Ring kommt eine metallisch/elastomere Abdichtung zustande, die eine hohe Leckagesicherheit gewährleistet.



Auch bei hohen Beanspruchungen besteht eine Unempfindlichkeit bei Druckstößen und Schwingungen. Die Baumaße entsprechen den Verschraubungen nach DIN EN ISO 8434-1. Rohranschlussseitig können wahlweise Schneidring-, Bördel- oder Schweißkegelanschlüsse montiert werden.

5.0 Cone Sealing Couplings 24° Cone and O-ring

Due to the connecting cone (24°) used, a standardized screwed connection using connection pieces (bore hole shape W according to DIN 3861) is possible.
The O-ring additionally inserted in the cone results in a metallic / elastomer seal which provides excellent protection against leakage.

This connection is resistant to pressure impacts and vibrations even under high loads. The dimensions are identical to screwed connections according to DIN EN ISO 8434-1. Either cutting ring, edged or welding cone screw connections are possible for pipe connection.

6.0 Anwendungskriterien

Um die richtige Auswahl einer geeigneten Rohrverschraubung zu treffen, sollte der Anwender grundlegende Kriterien berücksichtigen. Vom gegebenen Sachverhalt ausgehend sind zielgerichtet Anforderung und Erwartung an das Verschraubungssystem zu knüpfen, wobei die max. zu erwartende Sicherheit Vorzug genießen sollte.

Insbesondere sind zu beachten die:
- Max. Druckbelastbarkeit (unter Berücksichtigung temperaturbezogener Druckabschläge)
- Temperaturempfindlichkeit der Dichtungswerkstoffe
- Baumaße
- Lebensdauer, auch bei Wiederholmontagen
- Austauschmöglichkeiten zwischen verschiedenen
- Rohrverschraubungsarten

7.0 Normung

Empfohlene Rohrqualitäten siehe Kapitel 16.

Schneidringverschraubungen:
- Das Standardprogramm der PH-Verschraubungen entspricht der DIN 2353 / DIN EN ISO 8434-1.

Bördelverschraubungen:
- SAE J 514 / ISO 8434-2 auf Anfrage mit zusätzlichem O-Ring am 37°-Konus des Kegelringes.

Schweiß- und Dichtkegelverschraubungen:
- DIN 3865, DIN EN ISO 8434-1

Überwurfmutter für Schweißkegelverschraubungen:
- DIN EN ISO 8434-1

Rohranschlussseiten:
- DIN 3861 und ISO 8434-1

Metrische- und Rohr-Gewinde:
- DIN 3852, Teil 1 und 2

NPT-Gewinde:
- ANSI / ASME B1.20.1

UNF-/UN-Gewinde:
- SAE J 514

Werkstoff der Bauteile gemäß DIN 3859-1:
- X6CrNiMoTi17-12-2 gem. DIN 17440 Werkstoff-Nr. 1.4571.

- Andere Werkstoffe siehe jeweilige Rubriken.

Dichtungsringe:
- FPM (z.B. Viton®), PTFE (z.B. Teflon®), NBR (z.B. Perbunan®) andere auf Anfrage

6.0 Criteria for Use

In order to choose the best suited screwed pipe connection, a few basic criteria must be taken into consideration. Depending on the given circumstances, specific requirements and expectations must be defined which the screwed connection must fulfil. In the selection of screwed connection types, maximum possible safety should be given priority.

The following criteria must be given special attention:
- Max. resistance to pressure loads (in reference to temperature-dependent pressure reductions)
- Temperature sensitivity of material
- Dimensions
- Service life, also in case of repeated assembly
- Option of exchanging screwed pipe connection types

7.0 Standardization

Recommend tube quality refer to chapter 16.

Cutting Ring Connections:
- The standard PH pipe connection program is in compliance with DIN 2353 / DIN EN ISO 8434-1.

Flare Couplings:
- SAE J 514 / ISO 8434-2 on request with additional O-ring on the 37° taper of the tapered ring.

Welding Cone and Cone Sealing Couplings:
- DIN 3865, DIN EN ISO 8434-1

Union Nuts for Welding Cone Couplings:
- DIN EN ISO 8434-1

Pipe Connection Sides:
- DIN 3861 and ISO 8434-1

Metric and Pipe Screw Threads:
- DIN 3852, Sections 1 and 2

NPT-Threads:
- ANSI / ASME B1.20.1

UNF-/UN-Threads:
- SAE J 514

Material of the components acc. to DIN 3859-1:
- X6CrNiMoTi17-12-2 acc. to DIN 17440 material no. 1.4571 (AISI 316 Ti).

- For other materials, see the relevant categories.

Sealing Rings:
- FPM (e.g. Viton®), PTFE (e.g. Teflon®), NBR (e.g. Perbunan®) other on request

8.0 Druck- und Temperatur-Belastbarkeit

Druckbelastbarkeit
Definition der im Katalog angegebenen Drücke:

a) Nenndruck PN
Der Nenndruck ist eine gebräuchliche, gerundete, auf den Druck bezogene Kennzahl.

b) Betriebsdruck PB
Der zulässige Betriebsüberdruck für ein Bauteil ist der höchste Innenüberdruck, der für dieses Bauteil aufgrund des Werkstoffes und der Berechnungsgrundlagen bei der zulässigen Betriebstemperatur TB bei störungsfreiem Betrieb zulässig ist.

Zulässige Betriebstemperaturen TB
Nichtrostender Stahl: -60°C bis +400°C
1.4571 (DIN 17 440, AD W 10)
Die Angaben im Absatz „Druckabschläge“ sind hierbei zu beachten.

Bei Dichtungswerkstoffen
NBR (z.B. Perbunan®) -35°C bis +100°C
FPM (z.B. Viton®) -20°C bis +200°C
PTFE (z.B. Teflon®) -60°C bis +200°C
POM (z.B. Delrin®) -40°C bis + 80°C
(Nur bei Kugelhähnen)

Perbunan® = eingetragenes Warenzeichen der Fa. Bayer.
Viton®, Teflon® und Delrin® = eingetragene Warenzeichen der Fa. Du Pont.

Die angegebenen Temperaturgrenzen für Dichtungswerkstoffe sind Richtwerte, da die Temperaturgrenzen vom Medium stark beeinflusst werden können.

Druckabschläge
Werkstoffbedingt erforderliche Druckabschläge gegenüber den Katalogangaben bei erhöhten oder tiefen Temperaturen.

Weichen die verwendeten Rohrwerkstoffe von denen der Verschraubungen ab, sind die Rohre hinsichtlich des zulässigen Temperaturbereiches und der evtl. erforderlichen Druckabschläge getrennt zu überprüfen. Bei Verschraubungskomponenten mit Einschraubzapfen können zusätzliche Druckabschläge erforderlich sein, da der Gegenwerkstoff des Aggregates, in das die Teile eingeschraubt werden und das Dichtsystem berücksichtigt werden müssen. Bei voller Ausnutzung des Nenn- bzw. Betriebsdruckes werden Einschraubverschraubungen mit Abdichtung durch Weichdichtung empfohlen. Bei Verwendung von Einschraubverschraubungen mit Dichtkante können zusätzliche Dichtmittel erforderlich sein.

Verschraubungswerkstoffe Fitting Material	Temperaturbereich Temperature Range	Druckabschlag Pressure Reductions
1.4571	-60°C to 20°C	-
1.4571	20°C to 50°C	5%
1.4571	50°C to 100°C	11%
1.4571	100°C to 200°C	20%
1.4571	200°C to 300°C	29%
1.4571	300°C to 400°C	33%

Zwischenwerte sind zu interpolieren
Intermediate values are to be interpolated

8.0 Pressure and Temperature Load Capability

Pressure Load Capability
Definition of pressures specified in the catalog:

a) Nominal Pressure PN
The nominal pressure as referred.

b) Working Pressure PB
The permissible working pressure for a component is based on the material and the operation temperature (TB) during trouble free operation.

Permissible Operating Temperature (TB)
Stainless Steel: -60°C to +400°C
1.4571 (DIN 17 440, AD W 10)
The specifications in the „Pressure Reductions“ section are to be observed here.

For Sealing Materials:
NBR (e.g. Perbunan®) -35°C to +100°C
FPM (e.g. Viton®) -20°C to +200°C
PTFE (e.g. Teflon®) -60°C to +200°C
POM (e.g. Delrin®) -40°C to + 80°C
(Only with ball valves KH)

Perbunan® = registered trademark of Bayer.
Viton®, Teflon® and Delrin® = registered trademarks of DuPont.

The temperature limits specified for sealing materials are approximate values, since the temperature limits can be greatly influenced by the medium.

Pressure Reductions
Required pressure (determined by the medium) compared with the catalog specifications for higher temperatures.

If the tube material used deviates from the fitting material, the tube is to be checked separately with regard to the permissible temperature range and the possible pressure reductions required. Male stud fittings may require additional pressure, due to the mating part material and the sealing system must also be taken into account. For male stud fittings with cutting lace, additional sealants may be required.

Die katalogmäßigen Nenndrücke (PN) und Betriebsdrücke (PB) stellen die max. zulässigen Betriebsdrücke einschließlich Druckspitzen dar, wobei die in den vorstehenden Tabellen aufgeführten Temperaturgrenzen und Druckabschläge berücksichtigt werden müssen.

Funktionssicherheiten bei ruhender Belastung:
Typen mit PN Angabe: 4-fach
Typen mit PB Angabe: komplette Verschraubung min. 2,5-fach
Rohranschluss 4-fach
(Wenn nicht anders angegeben).

Die Druck- und Sicherheitsangaben setzen voraus, dass die Montagen gemäß den Montagevorschriften durchgeführt wurden.

Es wird ferner vorausgesetzt, dass die Rohrleitungssysteme so verlegt und gehaltert werden, dass keine zusätzlichen Beanspruchungen, Belastungen und Spannungen auf die Verschraubungen einwirken. Rohrhalterungen sind den Betriebsverhältnissen entsprechend genügend stabil auszulegen und mit Festpunkten zu verbinden.

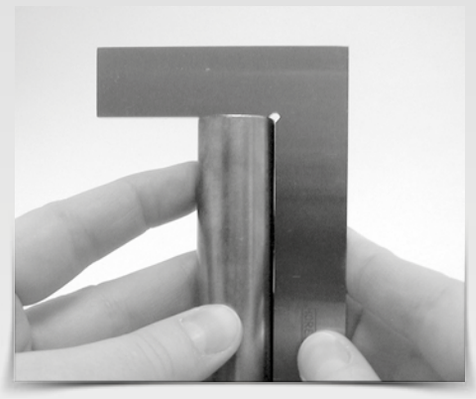
9.0 Montageanleitung gemäß DIN 3859-2

Um einwandfreie Rohrverbindungen zu erhalten, sind bei der Montage aller Verschraubungssysteme grundlegende Voraussetzungen zu erfüllen. Unsachgemäße Montage kann zu Funktionsstörungen führen und beeinträchtigt die Sicherheit. Eine Auswahl geeigneter Rohrqualitäten finden Sie in Kapitel 16.

9.1 Rohrvorbereitung

1. Rohre rechtwinklig absägen. Winkelabweichung bis ½° zur Rohrachse ist zulässig. Keine Rohrabschneider verwenden!

2. Rohr an den Schnittkanten innen und außen leicht entgraten. Fase bis 0,2 x 45° ist zulässig. Späne und Schmutz entfernen.



3. Bei Rohrbögen ist die Mindesthöhe des geraden Rohrendes bis Biegeradius zu beachten. Sie muss mind. der 2-fachen Höhe der Überwurfmutter entsprechen.

The catalog nominal pressures PN and operating pressures (PB) represent the max. permissible operating pressure peaks, in which the temperature limits and pressure reductions listed in the above tables must be taken into account.

Operational Safety at Static Load:
Types with PN Specification: 4x
Types with PB Specification: complete fitting min. 2,5 x
tube connection 4 x
(If not otherwise specified).

These pressure and safety specifications are based on all assemblies being in accordance to PH instructions.

It is further assumed that the tube routing will be laid and clamped in such a fashion that no additional stress, load or tension may act on the fittings. Tube fixtures are to be laid with sufficient stability according to the operating conditions and connected with supports.

9.0 Assembly Instructions according to DIN 3859-2

In order to ensure proper screwed pipe connections, several basic prerequisites must be met in the assembly of all screw connection systems. Improper assembly may lead to malfunctions and impair safety. A selection of appropriate pipe grades can be found in chapter 16.

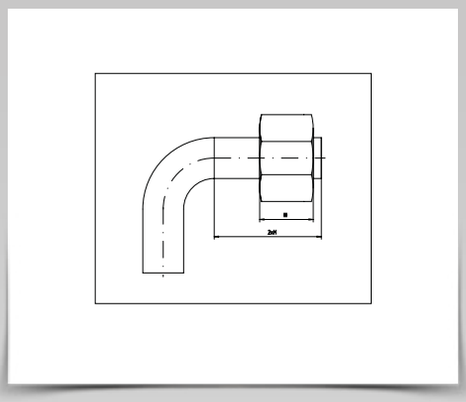
9.1 Preparation of Pipes

1. Saw off pipe at a right angle. Deviation of angle pipe axis of up to ½° is permissible. Do not use a pipe cutter!

2. Lightly deburr pipe in the inside and outside of the cut edges. Bevel angles of up to 0,2 x 45° is permissible. Remove chips and particles.

3. For pipe bends, the minimum height from the straight pipe end to the bending radius must be noted. This must be at least twice the height of the union nut.

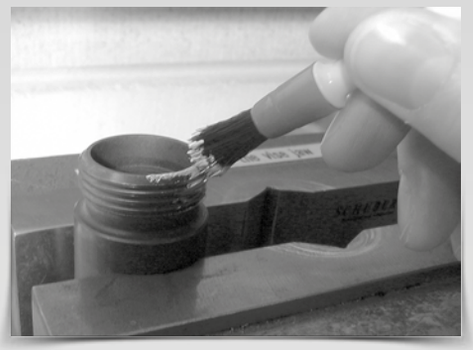
9.2 Montage Schneidringverschraubung
Rohre aus nichtrostenden Stählen sind in gehärteten Vormontagestutzen oder entsprechenden Vorrichtungen vorzumontieren. Dies ist auch für Serienmontagen mit Bauteilen aus anderen Werkstoffen empfehlenswert.



9.3 Montage mit gehärteten Vormontagestutzen

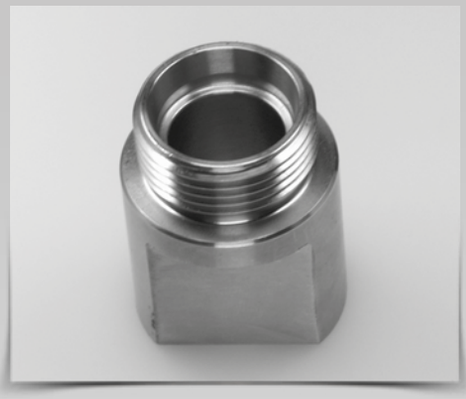
1. Gewinde der Überwurfmutter, Gewinde und Konus des Vormontagestutzen und Schneidring leicht einfetten, z.B. mit Gleitmittel „Gleitmo 810“ oder Weicon High-Tech-Paste „ASW“.

2. Überwurfmutter und Schneidring auf das Rohr schieben. Stellen Sie sicher, daß der Schneidring richtig in Position gebracht ist (siehe unten).



3. Überwurfmutter so weit als möglich von Hand auf den Vormontagestutzen schrauben. Gleichzeitig das Rohr gegen den Anschlag drücken. Sobald der Schneidring das Rohr erfasst hat, wird ein

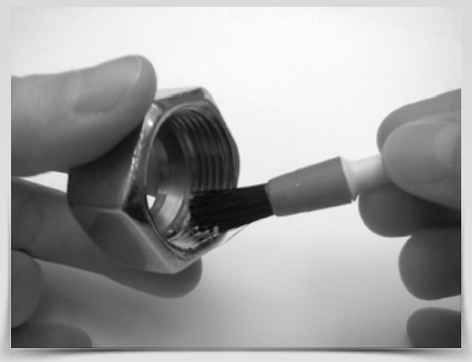
9.2 Assembly of Cutting Ring Screw Connection
Pipes of rustproof steel must be pre-assembled in hardened pre-assembly connection pieces or the corresponding devices. This can also be recommended for serial assembly using components of other materials.

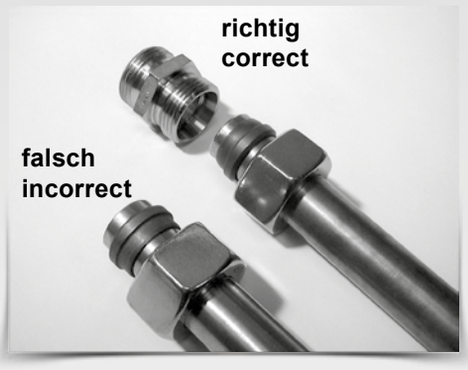


9.3 Assembly with Hardened Pre-Assembly Connection Pieces

1. Lightly grease the threads of the union nut, thread and cone of the pre-assembly connection piece and cutting ring, using, for example anti seize agent „Gleitmo 810” or Weicon High-Tech-Paste „ASW”.

2. Slide union nut and cutting ring onto the pipe. Ensure that the cutting ring is positioned correctly (see drawing below).

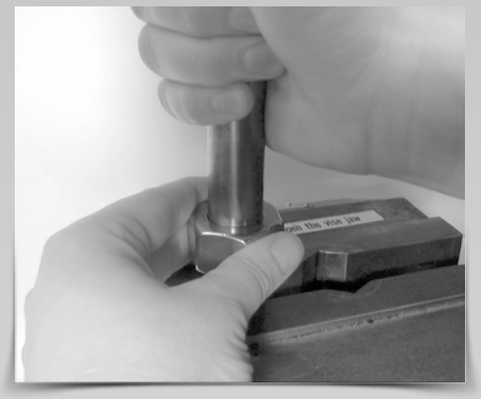


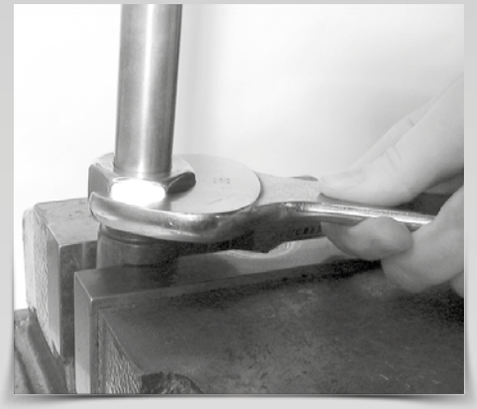


3. Screw the union nut onto the pre-assembly connection piece as far as possible by hand. At the same time, press the pipe against the stop. As soon as the cutting ring has cut into the pipe, the

deutlicher Drehmomentanstieg spürbar. Ein Markierungszeichen an der Überwurfmutter erleichtert die Beobachtung der erforderlichen Umdrehungen. Überwurfmutter mit Schlüssel ca. 1 1/4 Umdrehung anziehen. Achtung: Das Rohr darf nicht mitdrehen!

4. Überprüfen, ob sich am Rohr vor der (ersten) Schneidkante ein sichtbarer Bund aufgeworfen hat.

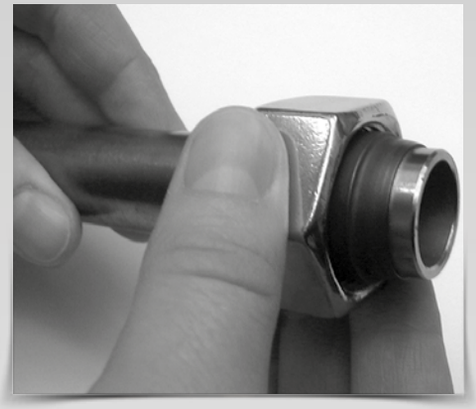




9.4 Endmontage im Verschraubungsstutzen
Vormontiertes Rohr in den Verschraubungsstutzen einsetzen. Mutter um ca. ½ Umdrehung über den spürbaren Punkt des Kraftanstiegs nachziehen und dabei den Verschraubungsstutzen mit Schlüssel gegenhalten.

tightening moment will increase noticeably. A flag at the union nut facilitates the observation of the necessary revolutions. Tighten union nut using a wrench by approx. 1 1/4 revolution. Important: Do not turn the pipe with the nut!

4. Check whether a visible collar has formed on the pipe in front of the (first) cutting edge.



9.4 Final Assembly in Screwed Connection Piece
Insert the pre-assembled pipe into the screwed connection piece. Tighten union nut approx. ½ revolution beyond the point at which the tightening moment increases noticeably, holding the screwed connection piece with a wrench.

9.5 Hinweise

Speziell im Grenzbereich der Rohrtoleranzen oder bei dünnwandigen Rohren muss die Vor- und Endmontage mit absoluter Sorgfalt erfolgen. Hierbei sollte auf folgende Punkte geachtet werden:

- Ablängen der Rohre mit einer geeigneten Kappsäge, um Deformationen (Ovalität) zu vermeiden. Es darf nur ein geringer, äußerer Druck ausgeübt werden.
- Rohrabschneider sind nicht zulässig.
- Die Rohrenden sind leicht, am besten manuell zu entgraten.
- Um eine Deformation (Einschnürung) des Rohres zu vermeiden, sollten Verstärkungshülsen verwendet werden.
- Bei der Vor- und Endmontage müssen geeignete Edelstahl-Montagepasten (siehe Kapitel 12) Anwendung finden.
- Regelmäßige Kontrolle des gehärteten Vormontagewerkzeuges bzw. Vormontagestutzens.
- Bei maschineller Vormontage muss ein optimaler Einstelldruck / Einstellwert des Gerätes ermittelt werden, nur so lässt sich eine Deformation des Rohrendes (Einschnürung / Auftulpung) vermeiden.
- Die wegabhängige Endmontage erfolgt gem. Anleitung.

9.5 Recommendations

The pre-assembly and final assembly must be carried out with absolute care, especially at the limit of tube tolerances or when using tubes with thin wall thicknesses. The following points should be observed here:

- Cut the tube to length with a suitable chop saw to avoid deformation (ovality). Only a small amount of external pressure should be applied.
- Tube Cutters are not allowed.
- De-burr the tube ends lightly, ideally with a manual tool.
- To avoid deformation (constriction / collapse) of the tube, reinforcement sleeves must be used.
- Suitable stainless steel assembly pastes (see Chapter 12) must be used during the pre-assembly and final assembly process.
- Inspect the hardened pre-assembly tool or pre-assembly stud regularly for integrity.
- With machine pre-assembly, an optimal set pressure / set value of the device must be determined; this is the only way to avoid deformation of the tube end (constriction / bulging).
- The final assembly is carried out, according to the instructions manuall.

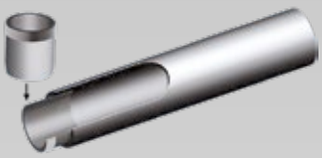
10.0 Montageanleitung - Verstärkungshülsen (VSHü)

1. Rohr rechtwinklig absägen. Eine Winkeltoleranz von ± 1° ist zulässig. Keine Rohrabschneider und keine Trennschleifer verwenden.

2. Rohrenden innen und außen leicht entgraten. Rohrleitung reinigen.

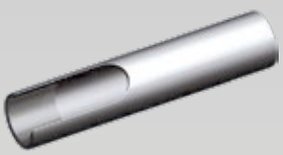
Achtung!
Schief abgesägte oder falsch entgratete Rohre reduzieren die Lebensdauer und die Dichtheit der Verbindung.

3. Montage von PH Verstärkungshülsen
3.1 Hülse außen am Umfang leicht mit Montagepaste (wie z.B. Gleitmo 810 oder High Tech Paste ASW; siehe Kapitel 12) versehen. Anschließend die Hülse bis zum Rändelhals in das Rohr einstecken.



Hülse eingesteckt
Sleeve inserted

3.2 Mit einem Hammer (Kunststoff oder Hartgummi) die Hülse ganz einschlagen. Hierbei wird der Rändelhals in die Innenwand des Rohres gepresst und sichert die Hülse gegen Verschieben oder Herausfallen.



Hülse eingeschlagen
Sleeve driven in firmly

3.3 Bei mit • gekennzeichneten Wandstärken ist eine Verstärkungshülse erforderlich.

10.0 Assembly instruction - Reinforcing Rings (VSHü)

1. Saw tube off at right angles. An angle tolerance of ± 1° is permissible. Do not use a rotary grinder or tube cutter.

2. Slightly deburr tube ends inside and outside. Clean the tube.

Attention!
If tubes are not cut off squarely or are not properly deburred, this may reduce the service life and leaktightness of the couplings.

3. Assembly of PH reinforcing rings
3.1 Lubricate the outside surface the sleeve lightly using assembly paste (e.g. Gleitmo 810 or High Tech Paste ASW; see category 12). Then insert the sleeve into the tube up to the knurled section.

3.2 Use a hammer (plastic or hard rubber) to drive the sleeve in totally. In doing so, the knurled section is pressed against the inner wall of the tube and prevents the sleeve from being displayed or falling out.

3.3 At wall thickness with remarks • a use of reinforcing ring is necessary.

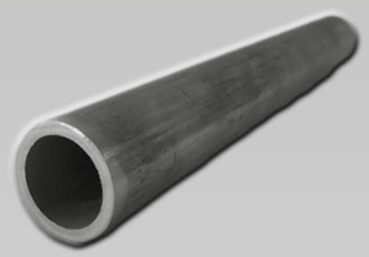
Serie Series	**Rohr A.D.** Tube O.D. **mm**	**Wandstärke** Wall thickness **mm**						
		0,5	0,75	1	1,5	2	2,5	3
L	6	•	•					
L	8	•	•					
L	10	•	•					
L	12	•	•	•				
L	15	•	•	•				
L	18	•	•	•	•			
L	22	•	•	•	•	•		
L	28	•	•	•	•	•		
L	35	•	•	•	•	•	•	
L	42	•	•	•	•	•	•	
S	6	•	•					
S	8	•	•					
S	10	•	•					
S	12	•	•	•				
S	14	•	•	•				
S	16	•	•	•	•			
S	20	•	•	•	•	•		
S	25	•	•	•	•	•		
S	30	•	•	•	•	•	•	
S	38	•	•	•	•	•	•	•

11.0 Montageanleitung - Bördelanschlüsse / Adapter 37° - DIN EN ISO 8434-2 / SAE J 514

11.0 Assembly Instructions - Flare Couplings / Adaptors 37° - DIN EN ISO 8424-2 / SAE J 514

11.1 Rohrauswahl

11.1 Tube Selection



Edelstahl-Rohr nahtlos kaltgezogen	Stainless Steel tube cold drawn seamless
NF A 49241	NF A 49341
DIN 17458 D4/T3	DIN 17458 D4/T3
ASTM A 269	ASTM A 269

11.2 Tabelle Rohrvorbereitung

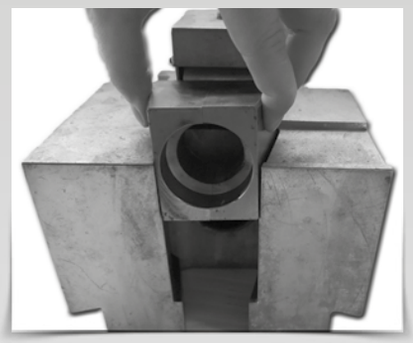
11.2 Tube Preparation Chart

Metrisches Rohr (mm) Metric tube (mm)		Zoll Rohr (inch) Inch tube (inch)		Extralänge Extra length ~ L (mm)	Gerade Mindestlänge bis zur Biegung L1 (mm) Minimum straight length to start to bend L1 (mm)	Bördel Ø Flare Ø
Rohr Ø Tube Ø	Wandstärke Wall thickness	Rohr Ø Tube Ø	Wandstärke Wall thickness			Ø D (mm)
6	1,0 - 1,5	1/4“	0,020 - 0,065	2	40	8,6 - 9,7
8	1,0 - 1,5	5/16“	0,020 - 0,065	2	40	10,2 - 11,3
10	1,0 - 1,5	3/8“	0,020 - 0,065	2	42	11,7 - 12,7
12	1,0 - 2,5	1/2“	0,028 - 0,083	2,5	43	16,0 - 17,3
14	1,5 - 2,0			2,5	52	19,3 - 20,2
15	1,0 - 2,5			2,5	52	19,3 - 20,2
16	1,5 - 2,5	5/8“	0,035 - 0,095	2,5	52	19,3 - 20,2
18	1,5 - 3,0			3	56	23,4 - 24,7
20	2,0 - 3,0	3/4“	0,035 - 0,109	3	57	23,4 - 24,7
22	1,5 - 3,0			3	58	26,5 - 27,8
25	2,0 - 3,0	1“	0,035 - 0,120	3	58	29,7 - 31,0
28	1,5 - 3,0			4	65	37,6 - 38,9
30	2,0 - 3,0			4	65	37,6 - 38,9
32	2,0 - 3,0	1 1/4“	0,049 - 0,120	4	65	37,6 - 38,9
35	2,0 - 3,0			4	70	43,2 - 45,3
38	2,0 - 4,0	1 1/2“	0,049 - 0120	4	70	43,2 - 45,3
42	2,0 - 3,0			5	80	52,0 - 54,8
50	2,0 - 3,5	2“	0,058 - 0,134	5		59,2 - 61,2

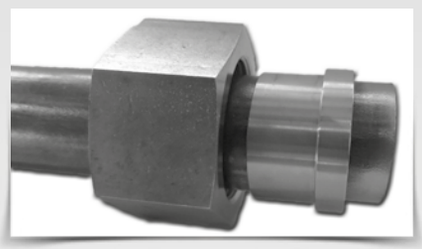
11.3

1. • Bördeldorn ist in Bördeleinheit integriert
   • Bördeldorn darf keinen Verschleiß, Beschädigungen und Verschmutzungen aufweisen
   • Bördeldorn sauber halten

2. • Spannbacken entsprechend Rohr AD einsetzen
   • Spannflächen dürfen weder Verschleiß noch Abrieb aufweisen
   • Gleitflächen sauber halten und schmieren



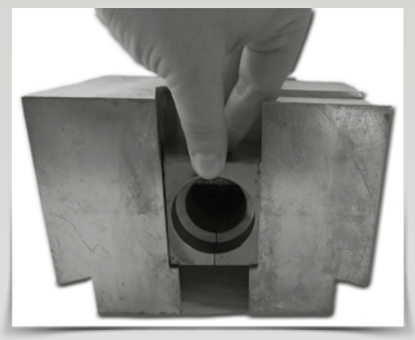
3. • Mutter und Stützhülse über das Rohrende schieben



11.3

1. • Flaring pin is integrated in flaring block
   • Pin must be clean and free of wear and damage
   • Keep flaring pin clean

2. • Select flaring dies according to tube O.D.
   • Grip surface must be clean and free of wear
   • Keep sliding surfaces clean and lubricated



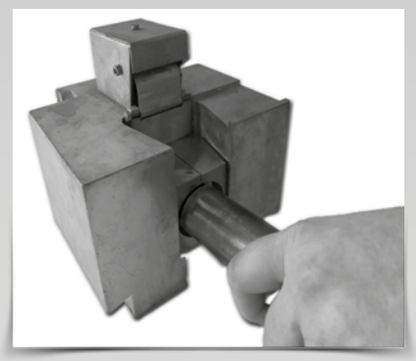
3. • Slide nut and sleeve as shown onto the tube-end

4. • Rohrende innen schmieren

4. • Lubricate tube-end inside

5. • Rohrende bis zum Anschlag einführen

5. • Press tube firmly into the die against the tube stop



6. • Druck nach der Tabelle auf der Maschine einstellen

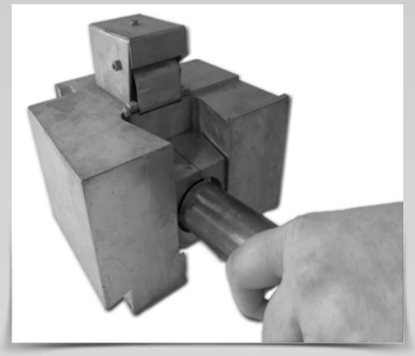
6. • Adjustment according to pressure on machine

7. • Rohr festhalten
   • START-Taste betätigen und gedrückt halten
   • Nicht in den Arbeitsbereich greifen
   • Max. Druck von 400 bar nicht überschreiten

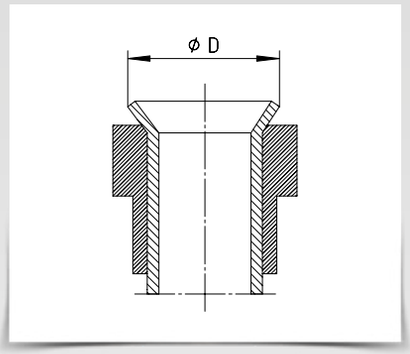
7. • Hold tube firmly
   • Press and hold START button
   • Keep hands clear off the working area
   • Do not exceed max. pressure 400 bar

8. • Rohrende mit Spannbacken aus der Maschine entnehmen
   • Backen im Separator durch Seitwärtsbewegung des Rohres lösen

8. • Remove tube from machine
   • Use die separator for free tube



11.4 Kontrolle Bördelflansch



11.4 Checking the Flare

Rohr A.D. / Tube O.D.		Ø D	
mm	inch	Min.	Max.
6	1/4"	8,6	9,7
8	5/16"	10,2	10,3
10	3/8"	11,7	12,7
12	1/2"	16,0	17,3
14		19,3	20,2
15		19,3	20,2
16	5/8"	19,3	20,2
18		23,4	24,7
20	3/4"	23,4	24,7
22	7/8"	26,5	27,8
25	1"	29,7	31,0
28		37,6	38,9
30		37,6	38,9
32	1 1/4"	37,6	38,9
35		43,2	45,3
38	1 1/2"	43,2	45,3
42		52,0	54,8

11.5 Installation

1. • Gewindeschmierung erforderlich
   • Hochleistungsschmierstoff verwenden

11.5 Installation

1. • Lubrication required
   • Use high-performance lubricant

2. • Mutter auf den Körper schrauben
   • Mutter von Hand bis zur fühlbaren Anlage aufschrauben
   • Position der Mutter markieren
   • Mutter entsprechend der Tabelle festziehen

2. • Thread nut onto body
   • Tighten to full metal contact (finger tight)
   • Mark body and nut as quality check
   • Tighten with spanner the number of flats indicated

3. • Ab RAD 28 Schlüsselverlängerung verwenden

3. • Use spanner extension for larger fittings (28 mm)

4. Eine Schlüsselfläche entspricht 60° Anzugswinkel

4. 1 flat = 60°

Metrisches Rohr Metric tube	**Zoll Rohr** Inch Tube	**SAE Gewinde** SAE Thread	**α Schlüsselflächen Ca.** α Flats Approx.		**Drehmoment** Assembly torque
mm	**inch**		**Rohr** Tube	**Dichtkegel** Swivel nut	**Nm - 0% + 10 %**
6	1/4"	7/16"-20	2 = 120°	2 = 120°	30
8	5/16"	1/2"-20	2 = 120°	2 = 120°	40
10	3/8"	9/16"-18	1 1/2 = 90°	1 1/4 = 75°	60
12	1/2"	3/4"-16	1 1/2 = 90°	1 = 60°	115
14		7/8"-14	1 1/2 = 90°	1 = 60°	145
15		7/8"-14	1 1/2 = 90°	1 = 60°	145
16	5/8"	7/8"-14	1 1/2 = 90°	1 = 60°	145
18		1 1/16"-12	1 1/4 = 75°	1 = 60°	180
20	3/4"	1 1/16"-12	1 1/4 = 75°	1 = 60°	180
22	7/8"	1 3/16"-12	1 = 60°	1 = 60°	225
25	1"	1 5/16"-12	1 = 60°	1 = 60°	255
28		1 5/8"-12	1 = 60°		295
30		1 5/8"-12	1 = 60°	1 = 60°	295
32	1 1/4"	1 5/8"-12	1 = 60°	1 = 60°	295
35		1 7/8"-12	1 = 60°		345
38	1 1/2"	1 7/8"-12	1 = 60°	1 = 60°	345

Für Einschraubzapfen aus 1.4571 /
Gegenwerkstoff Edelstahl 1.4571

For Port Connections made of 1.4571 /
Counterpart Material Stainless Steel 1.4571

Reihe Series	**Rohr A.D** Tube O.D.	**Einschraubgewinde Rohrgewinde** Male Stud Thread BSPP Thread	**MA (Nm)**	**Einschraubgewinde Metrisches ISO-Gewinde** Male Stud Thread Metric ISO-Thread	**MA (Nm)**
L	6	G 1/8" A	30	M 10 x 1	30
L	8	G 1/4" A	60	M 12 x 1,5	35
L	10	G 1/4" A	60	M 14 x 1,5	60
L	12	G 3/8" A	95	M 16 x 1,5	95
L	15	G 1/2" A	190	M 18 x 1,5	110
L	18	G 1/2" A	130	M 22 x 1,5	190
L	22	G 3/4" A	265	M 26 x 1,5	340
L	28	G 1" A	445	M 33 x 2	510
L	35	G 1 1/4" A	720	M 42 x 2	720
L	42	G 1 1/2" A	960	M 48 x 2	960

Reihe Series	**Rohr A.D.** Tube O.D.	**Einschraubgewinde Rohrgewinde** Male Stud Thread BSPP Thread	**MA (Nm)**	**Einschraubgewinde Metrisches ISO-Gewinde** Male Stud Thread Metric ISO-Thread	**MA (Nm)**
S	6	G 1/4" A	75	M 12 x 1,5	45
S	8	G 1/4" A	75	M 14 x 1,5	75
S	10	G 3/8" A	135	M 16 x 1,5	115
S	12	G 3/8" A	135	M 18 x 1,5	145
S	14	G 1/2" A	205	M 20 x 1,5	205
S	16	G 1/2" A	170	M 22 x 1,5	230
S	20	G 3/4" A	385	M 27 x 2	385
S	25	G 1" A	460	M 33 x 2	600
S	30	G 1 1/4" A	720	M 42 x 2	720
S	38	G 1 1/2" A	960	M 48 x 2	960

Toleranz der in o.g. Tabelle aufgeführten Anziehdrehmomente = + 10 %.
Wichtiger Hinweis: Einschraubzapfen vor dem Einschrauben mit empfohlenen Schmierstoffen (Kapitel 12) benetzen.

Die angegebenen Werte gelten für zylindrische Einschraubverschraubungen aus Edelstahl 1.4571, der Gegenkörper mit dem Einschraubloch ebenfalls aus Edelstahl 1.4571.

Die Werte gelten nicht für Schwenkverschraubungen WHV / THV. Die Werte gelten ebenfalls nicht für kegelige sowie NPT Einschraubgewinde. Für Adapter Katalog Teil 5 und Gewinde-Reduzierungen Teil 8 (Typ GRI) sind die Anziehdrehmomente der Reihe S zu verwenden.

Tolerance in above mentioned table of specified torque data = + 10 %.
Important: Male stud thread has to be greased with recommended lubrication (chapter 12) before screwing in.

The mentioned data are only valid for parallel male stud couplings made of material 1.4571 (AISI 316 Ti), the counterpart with port made of material 1.4571 (AISI 316 Ti), too.

The data are not valid for banjo couplings WHV / THV, also not for taper and NPT male threads. For adaptors (catalog part 5) and reducing stud adaptors (catalog part 8, type GRI) the specified torque data of the S-Series have to be used.

Für VST-Verschlussschrauben mit Innensechskant und Weichdichtung aus 1.4571 / Gegenwerkstoff Edelstahl 1.4571

For VST - Socket Head Port Plugs with Internal Hex and Soft Seal made of 1.4571 / Counterpart Material Stainless Steel 1.4571

Einschraubgewinde Rohrgewinde Male Stud Thread BSPP Thread	**MA (Nm)**
G 1/8"	20
G 1/4"	50
G 3/8"	80
G 1/2"	140
G 3/4"	180
G 1"	250
G 1 1/4"	380
G 1 1/2"	420
G 2"	600

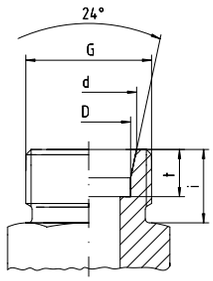
Einschraubgewinde Metrisches ISO-Gewinde Male Stud Thread Metric ISO-Thread	**MA (Nm)**
M 10 x 1	20
M 12 x 1,5	30
M 14 x 1,5	40
M 16 x 1,5	70
M 18 x 1,5	90
M 20 x 1,5	100
M 22 x 1,5	150
M 26 x 1,5	200
M 27 x 2	300
M 33 x 2	350
M 42 x 2	400
M 48 x 2	500

Toleranz der in o.g. Tabelle aufgeführten Anziehdrehmomente = + 10 %. **Wichtiger Hinweis:** Einschraubzapfen vor dem Einschrauben mit empfohlenen Schmierstoffen (Kapitel 12) benetzen. Die angegebenen Werte gelten nur für Gegenkörper aus Edelstahl 1.4571.

Tolerance in above mentioned table of specified torque data = + 10 %. **Important:** Thread has to be greased with recommended lubrication (chapter 12) before screwing in. The datas are only valid for counterpart made of 1.4571 (AISI 316 Ti).

Schneidringanschluss
Bohrungsform W DIN 3861 + DIN EN ISO 8434-1

Cutting Ring Connection
Type of Port End W DIN 3861 + DIN EN ISO 8434-1

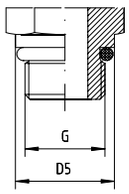


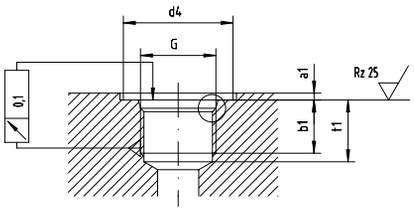
Reihe Series	Rohr A.D. Tube O.D. D	Gewinde Thread G	d	i	t
LL	4	M 8 x 1	5,0	8	4,0
LL	6	M 10 x 1	7,5	8	5,5
LL	8	M 12 x 1	9,5	9	5,5

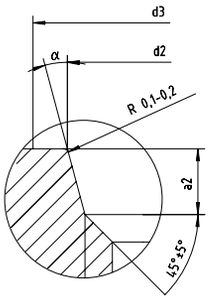
Reihe Series	Rohr A.D. Tube O.D. D	Gewinde Thread G	d	i	t
L	6	M 12 x 1,5	8,1	10	7,0
L	8	M 14 x 1,5	10,1	10	7,0
L	10	M 16 x 1,5	12,3	11	7,0
L	12	M 18 x 1,5	14,3	11	7,0
L	15	M 22 x 1,5	17,3	12	7,0
L	18	M 26 x 1,5	20,3	12	7,5
L	22	M 30 x 2	24,3	14	7,5
L	28	M 36 x 2	30,3	14	7,5
L	35	M 45 x 2	38,0	16	10,5
L	42	M 52 x 2	45,0	16	11,0

Reihe Series	Rohr A.D. Tube O.D. D	Gewinde Thread G	d	i	t
S	6	M 14 x 1,5	8,1	12	7,0
S	8	M 16 x 1,5	10,1	12	7,0
S	10	M 18 x 1,5	12,3	12	7,5
S	12	M 20 x 1,5	14,3	12	7,5
S	14	M 22 x 1,5	16,3	14	8,0
S	16	M 24 x 1,5	18,3	14	8,5
S	20	M 30 x 2	22,9	16	10,5
S	25	M 36 x 2	27,9	18	12,0
S	30	M 42 x 2	33,0	20	13,5
S	38	M 52 x 2	41,0	22	16,0

EINSCHRAUBZAPFEN / EINSCHRAUBLÖCHER
SCREWED PLUGS / SCREW HOLES







Einschraubzapfen Form F mit O-Ring-Dichtung (DIN ISO 6149 - 2+3)
Einschraubzapfen UST mit O-Ring-Dichtung (SAE J 514)

Screwed Plug Form F with O-ring-Sealing (DIN ISO 6149 - 2+3)
Screwed Plug UST with O-ring-Sealing (SAE J 514)

Einschraubloch für O-Ring-Dichtung (SAE J 514)

Screw Hole with O-ring-Sealing (SAE J 514)

Einschraubloch Form W (DIN 3852, Teil 3 / ISO 6149)

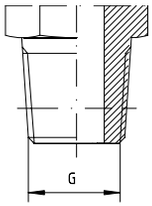
Screw Hole Form W (DIN 3852, Part 3 / ISO 6149)

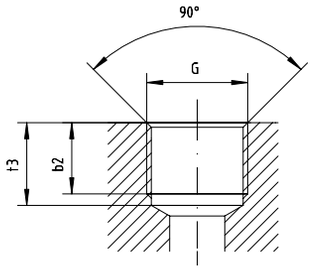
Für Rohrverschraubungen
Metrisches ISO-Gewinde -DIN 3852 bzw. ISO 6149
UNF / UN-Gewinde - SAE J 514

For Screwed Pipe Connections
Metric ISO-Thread - DIN 3852 resp. ISO 6149
UNF / UN-Thread - SAE J 514

G	D5	d4 min.	d3	d2 ± 0,1	a1 max.	a2	t1 min.	b1 min.	a ± 1°
M 8 x 1	10,9	17	11	9,10	1,0	1,6	11,5	10,0	12°
M 10 x 1	12,9	20	13	11,10	1,0	1,6	11,5	10,0	12°
M 12 x 1,5	16,9	22	16	13,80	1,5	2,4	14,0	11,5	15°
M 14 x 1,5	18,9	25	18	15,80	1,5	2,4	14,0	11,5	15°
M 16 x 1,5	20,9	27	20	17,80	1,5	2,4	15,5	13,0	15°
M 18 x 1,5	22,9	29	22	19,80	2,0	2,4	16,5	14,5	15°
M 20 x 1,5	24,9	32	24	21,80	2,0	2,4	16,5	14,0	15°
M 22 x 1,5	26,9	34	26	23,80	2,0	2,4	18,0	15,5	15°
M 26 x 1,5	30,9	37	31	29,05	2,0	3,1	18,5	16,0	15°
M 27 x 2	31,9	40	32	29,40	2,0	3,1	22,0	19,0	15°
M 33 x 2	37,9	46	38	35,40	2,5	3,1	22,0	19,0	15°
M 42 x 2	47,9	56	47	44,40	2,5	3,1	22,5	19,5	15°
M 48 x 2	54,9	64	53	50,40	2,5	3,1	25,0	22,0	15°
7/16"-20 UNF	14,4	21	15	12,40	1,6	2,4	14,0	11,5	12°
9/16"-18 UNF	17,6	25	18	15,60	1,6	2,5	15,5	12,7	12°
3/4"-16 UNF	22,3	30	23	20,60	2,4	2,5	17,5	14,3	15°
7/8"-14 UNF	25,5	34	26	23,90	2,4	2,5	20,0	16,7	15°
11/16"-12 UN	31,9	41	32	29,20	2,4	3,3	23,0	19,0	15°
15/16"-12 UN	38,2	49	39	35,50	3,2	3,3	23,0	19,0	15°
15/8"-12 UN	47,7	58	48	43,50	3,2	3,3	23,0	19,0	15°

EINSCHRAUBZAPFEN / EINSCHRAUBLÖCHER
SCREWED PLUGS / SCREW HOLES





Einschraubzapfen NPT
ANSI / ASME B1.20.1-1983

Screwed Plug NPT
ANSI / ASME B1.20.1-1983

Einschraubloch NPT
ANSI / ASME B1.20.1-1983

Screw Hole NPT
ANSI / ASME B1.20.1-1983

NPT-Gewinde - ANSI / ASME B1.20.1-1983

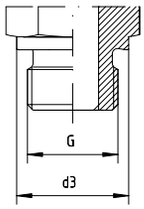
NPT-Thread - ANSI / ASME B1.20.1-1983

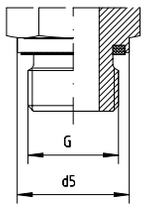
G	t3 min.	b2 min.
1/8"-27,0 NPT	11,6	6,9
1/4"-18,0 NPT	16,4	10,0
3/8"-18,0 NPT	17,4	10,3
1/2"-14,0 NPT	22,6	13,6
3/4"-14,0 NPT	23,1	14,1
1"-11,5 NPT	27,8	16,8
1 1/4"-11,5 NPT	28,3	17,3
1 1/2"-11,5 NPT	28,3	17,3

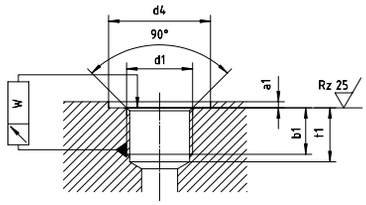
Empfehlung für die Montage von NPT-Gewinden
- Prüfen, ob die Gewinde sauber und frei von Beschädigungen sind
- Verschraubung handfest anziehen und Anzahl der Umdrehungen festhalten
- Position der Komponenten zueinander markieren - „Position handfest“
- Verschraubung demontieren und geeignetes und verträgliches Dicht- und Schmiermittel auf das Außengewinde auftragen
- Erneut verschrauben bis zur „Position handfest“
- NPT Gewinde kleiner 1“ ca. 1,5 bis 3 Umdrehung festziehen
- NPT Gewinde von 1“ bis 2“ ca. 1 bis 2,5 Umdrehung festziehen

Recommendation for the assembly of NPT threads
- Check that the threads are clean and free from damage
- Tighten the screw connection hand-tight and record the number of turns
- Mark the position of the components to each other - "Position hand-tight"
- Dismantle the screw connection and use suitable and compatible sealing and Apply lubricant to the male threads
- Screw again to the “hand-tight position”
- Tighten the NPT thread up to 1" approx. 1.5 to 3 turns
- Tighten the NPT thread from 1" to 2" approx. 1 to 2.5 turns

EINSCHRAUBZAPFEN / EINSCHRAUBLÖCHER
SCREWED PLUGS / SCREW HOLES







Einschraubzapfen Form B - DIN 3852, Teil 1 / Teil 2
Abdichtung durch Dichtkante

Screwed Plug Form B - DIN 3852, Part 1 / Part 2
Sealed by Sealing-Edge

Einschraubzapfen Form E - DIN 3852, Teil 1 / Teil 2
Abdichtung durch gekammerte Weichdichtung (wd)

Screwed Plug Form E (Design) - DIN 3852, Part 1 / Part 2
Sealed by Captive Soft-Sealing (wd)

Einschraubloch Form X nach DIN 3852, Teil 1 / Teil 2
(Für zylindrische und kegelige Einschraubgewinde)

Screw Hole Form X acc. to DIN 3852, Part 1 / Part 2
(For Taper and Parallel Stud Thread)

Für Rohrverschraubungen
Metrisches ISO-Gewinde (Zylindrisch) DIN 13
Whitworth-Rohrgewinde (Zylindrisch) DIN / ISO 228

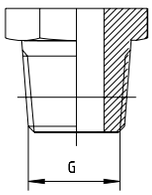
For Screwed Pipe Connections
Metric ISO-Thread (Parallel) DIN 13
Whitworth-Pipe-Thread (Parallel) DIN / ISO 228

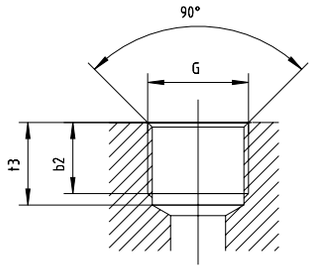
G	d3	d4 +0,4	d5	a1 max.	b1 min.	t1 min.	W
M 8 x 1	12	13	12,0	1,0	8	13,5	0,1
M 10 x 1	14	15	14,0	1,0	8	13,5	0,1
M 12 x 1,5	17	18	17,0	1,5	12	18,5	0,1
M 14 x 1,5	19	20	19,0	1,5	12	18,5	0,1
M 16 x 1,5	21	22	21,9	1,5	12	18,5	0,1
M 18 x 1,5	23	24	23,9	2,0	12	18,5	0,1
M 20 x 1,5	25	26	25,9	2,0	14	20,5	0,1
M 22 x 1,5	27	28	27,0	2,5	14	20,5	0,1
M 26 x 1,5	31	32	31,9	2,5	16	22,5	0,2
M 27 x 2	32	33	32,0	2,5	16	24,0	0,2
M 33 x 2	39	40	39,9	2,5	18	26,0	0,2
M 42 x 2	49	50	49,9	2,5	20	28,0	0,2
M 48 x 2	55	56	55,0	2,5	22	30,0	0,2
G 1/8" A[1]	14	15	14,0	1,0	8	13,0	0,1
G 1/4" A[1]	18	19	18,9	1,5	12	18,5	0,1
G 3/8" A[1]	22	23	22,0	2,0	12	18,5	0,1
G 1/2" A[1]	26	27	26,9	2,5	14	22,0	0,1
G 3/4" A[1]	32	33	32,0	2,5	16	24,0	0,2
G 1" A[1]	39	40	39,9	2,5	18	27,0	0,2
G 1 1/4" A[1]	49	50	49,9	2,5	20	29,0	0,2
G 1 1/2" A[1]	55	56	55,0	2,5	22	31,0	0,2

[1]Bei Innengewinden entfällt A!

[1]With Female Thread "A" applicable!

EINSCHRAUBZAPFEN / EINSCHRAUBLÖCHER
SCREWED PLUGS / SCREW HOLES





Einschraubzapfen Form C nach DIN 3852, Teil 1 / Teil 2
Abdichtung durch Kegelgewinde

Screwed Plug Form C acc. to DIN 3852, Part 1 / Part 2
Sealing by Taper Thread

Einschraubloch Form Z nach DIN 3852, Teil 1 / Teil 2
(Nur für kegelige Einschraubgewinde)2

Screw Hole Form Z acc. to DIN 3852, Part 1 / Part 2
(Only for Taper Stud Thread)2

Metrisches kegeliges Außengewinde DIN 158
Whitworth-Rohrgewinde (Kegelig) DIN 3858

Metric Taper Outside Thread DIN 158
Whitworth-Pipe-Thread (Taper) DIN 3858

G	b2 min.	t3 min.
M 8 x 1 keg	5,5	10,0
M 10 x 1 keg	5,5	10,0
M 12 x 1,5 keg	8,5	13,5
M 14 x 1,5 keg	8,5	13,5
M 16 x 1,5 keg	8,5	13,5
M 18 x 1,5 keg	8,5	13,5
M 20 x 1,5 keg	10,5	15,5
M 22 x 1,5 keg	10,5	15,5
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
R 1/8" keg	5,5	9,5
R 1/4" keg	8,5	13,5
R 3/8" keg	8,5	13,5
R 1/2" keg	10,5	16,5
-	-	-
-	-	-
-	-	-
-	-	-

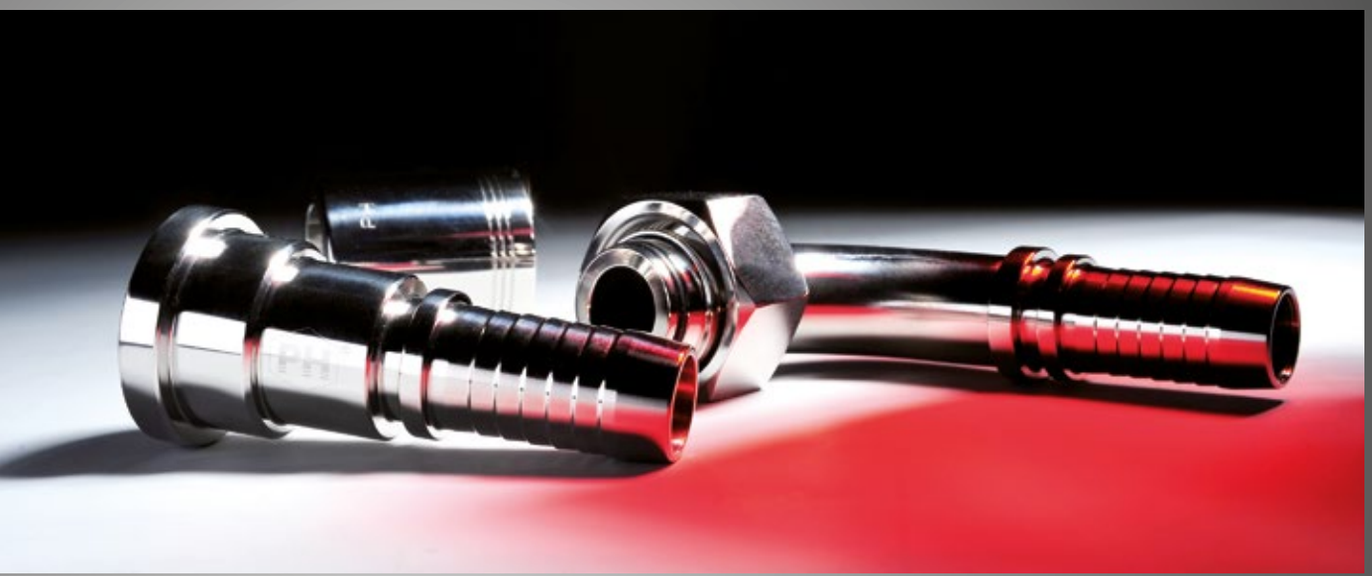
Achtung: Zusätzliches Dichtmittel erforderlich!
Attention: Additional sealing material required!

Zur jeweiligen Schlauch- und Gewindegröße

To each Hose and Thread Size

Schlüsselkennzahl Key-Code	**Schlauchgröße** Hose Size		**Rohrgewinde / Zyl. + Keg.** BSP-Thread / Parallel + Taper	**NPT-Gewinde** NPT-Thread	**UNF(UN)-Gewinde** UNF(UN)-Thread	**UNF, UN, UNS Gewinde** UNF, UN, UNS Thread	**SAE (ISO)-Flansch** SAE (ISO)-Flange
Size / Dash	**DN**	**in.**			**JIC - 37°**	**ORFS**	**3000 / 6000 P.S.I.**
-02			1/8"-28	1/8"-27,0			
-04	06	1/4"	1/4"-19	1/4"-18,0	7/16"-20	9/16"-18	
-05	08	5/16"			1/2"-20		
-06	10	3/8"	3/8"-19	3/8"-18,0	9/16"-18	11/16"-16	1/2"
-08	12	1/2"	1/2"-14	1/2"-14,0	3/4"-16	13/16"-16	
-10	16	5/8"	5/8"-14		7/8"-14	1"-14	
-12	19	3/4"	3/4"-14	3/4"-14,0	1 1/16"-12	1. 3/16"-12	3/4"
-16	25	1"	1"-11	1"-11,5	1 5/16"-12	1. 7/16"-12	1"
-20	31	1 1/4"	1 1/4"-11	1 1/4"-11,5	1 5/8"-12	1. 11/16"-12	1 1/4"
-24	38	1 1/2"	1 1/2"-11	1 1/2"-11,5	1 7/8"-12	2"-12	1 1/2"
-32	51	2"	2"-11	2"-11,5	2 1/2"-12		2"
-38	60	2 3/8"					
-40							2 1/2"
-48	76	3"					3"

Schlaucharmaturen ohne Ausreißsicherung
Hose Couplings without Wire Trap Area



2

SCHLAUCHARMATUREN OHNE AUSREISSSICHERUNG
HOSE COUPLINGS WITHOUT WIRE TRAP AREA

Produktgruppen	Product-Groups	Seite / Page
Hinweise & Tabellen	**Working Pressure & Product Overview**	
Hinweise zu den Nenndrücken der Armaturen	Working Pressure for Hose Fittings	2.5
Übersichtstabelle Fassungen und Schläuche	Product Overview of Ferrules and Hoses	2.6
Übersichtstabelle Fassungen und Schläuche	Product Overview of Ferrules and Hoses	2.7
Pressfassungen	**Ferrules**	
PF-PTFE	PF-PTFE	2.8
PF-W-PTFE	PF-W-PTFE	2.9
PF-R7	PF-R7	2.10
P1	P1	2.11
P9	P9	2.12
P3	P3	2.13
P2	P2	2.14
P8	P8	2.15
P5	P5	2.16
24°- Dichtkegel mit O-Ring	**24°- Cone with O-Ring**	
Leichte Reihe - Gerade	Light Series - Straight	2.17
Schwere Reihe - Gerade	Heavy Series - Straight	2.18
Leichte Reihe - 90°-Bogen	Light Series - 90°-Elbow	2.19
Schwere Reihe - 90°-Bogen	Heavy Series - 90°-Elbow	2.20
Leichte Reihe - 45°-Bogen	Light Series - 45°-Elbow	2.21
Schwere Reihe - 45°-Bogen	Heavy Series - 45°-Elbow	2.22
24°- Konus - Außengewinde	**24°- Male - Cone**	
24°-Konus - Metrisch - Leichte Reihe	24°- Cone - Metric - Light Series	2.23
24°-Konus - Metrisch - Schwere Reihe	24°-Cone - Metric - Heavy Series	2.24
Universal - Dichtkegel	**Universal - Cone - Insert**	
Leichte Reihe - Gerade	Light Series - Straight	2.25
Leichte Reihe - 90°-Bogen	Light Series - 90°-Elbow	2.26
Leichte Reihe - 45°-Bogen	Light Series - 45°-Elbow	2.27
60°- Dichtkegel	**60°- Cone**	
BSP - 60° - Gerade	BSP - 60° - Straight	2.28
BSP - 60° - 90°-Bogen	BSP - 60° - 90°-Elbow	2.29
BSP - 60° - 45°-Bogen	BSP - 60° - 45°-Elbow	2.30

SCHLAUCHARMATUREN OHNE AUSREISSSICHERUNG
HOSE COUPLINGS WITHOUT WIRE TRAP AREA

Produktgruppen	Product-Groups	Seite / Page	
60°- Dichtkegel mit O-Ring	**60°- Cone with O-Ring**		
BSP - 60° - Gerade	BSP - 60° - Straight	2.31	
BSP - 60° - 90°- Bogen	BSP - 60° - 90°-Elbow	2.32	
BSP - 60° - 45°- Bogen	BSP - 60° - 45°-Elbow	2.33	
60°- Konus - Außengewinde	**60°- Male - Cone**		
60°- Konus - BSP	60°- Cone - BSP	2.34	
37°- (JIC) - Dichtkonus	**37°- (JIC) - Cone**		
Gerade	Female - Straight	2.35	
90°- Bogen	Female - 90°- Elbow	2.36	
45°- Bogen	Female - 45°- Elbow	2.37	
Gerade - Sechskant	Female - Straight - Hexagon	2.38	
37°- (JIC) - Kegel	**37°-(JIC) - Male - Cone**		
Außengewinde	Male	2.39	
BSP - Flachdichtende - Armaturen	**BSP - Flat - Face**		
BSP - Gerade	BSP - Straight	2.40	
BSP - 90°- Bogen	BSP - 90°- Elbow	2.41	
BSP - 45°- Bogen	BSP - 45°- Elbow	2.42	
BSP - Flachdichtend - Außengewinde	**BSP - Flat - Face - Male**		
Flachdichtend BSP	Flat sealing BSP	2.43	
ORFS - Flachdichtende - Armaturen	**ORFS - Flat - Face**		
ORFS - Gerade	ORFS - Straight	2.44	
ORFS - 90° - Bogen	ORFS - 90° - Elbow	2.45	
ORFS - 45° - Bogen	ORFS - 45° - Elbow	2.46	
ORFS - Flachdichtend - Außengewinde	**ORFS - Flat - Face - Male**		
ORFS - Außengewinde	ORFS - Male	2.47	

SCHLAUCHARMATUREN OHNE AUSREISSSICHERUNG
HOSE COUPLINGS WITHOUT WIRE TRAP AREA

Produktgruppen	Product-Groups	Seite / Page	
SAE - Flansch - Armaturen	**SAE - Flanges**		
Gerade	Straight	2.48	
90° - Bogen	90° - Elbow	2.49	
45° - Bogen	45° - Elbow	2.50	
SAE - Vollflansch	**SAE - Flange - Clamp**		
SAE - Vollflansch	SAE - Flange - Clamp	2.51	
SAE - Flanschhälften	**SAE - Split - Flange - Halves**		
SAE - Flanschhälften	SAE - Split - Flange - Halves	2.52	
Metrische - Schrauben	**Metric - Screws**		
Metrische - Schrauben	Metric - screws	2.53	
Rohrstutzen	**Stand - Pipe - Connectors**		
Leichte Reihe - Gerade	Light - Series - Straight	2.54	
Schwere Reihe - Gerade	Heavy - Series - Straight	2.55	
Zöllig - Gerade	Inch - Tube - Straight	2.56	
90° - Bogen	90° - Elbow	2.57	
45° - Bogen	45° - Elbow	2.58	
Rohrstutzen für Doppel-Klemmring - Verschraubungen	**Stand - Pipe - Connectors for Twin Ferrule - Couplings**		
Rohrstutzen für Doppel-Klemmring-Verschraubungen	Pipe Connectors for Twin Ferrule Couplings	2.59	
Außengewinde - Armaturen	**Male - Inserts**		
Kegelig - BSPT	Tapered - BSPT	2.60	
Kegelig - NPT	Tapered - NPT	2.61	
Doppelschlauch - Armaturen	**Hose - Menders**		
Doppelschlauch - Armaturen	Hose - Menders	2.62	
Steck - O - Armaturen	**Quick - Disconnect - O - Inserts**		
Steck - O - Armaturen	Quick - Disconnect - O - Inserts	2.63	

SCHLAUCHARMATUREN OHNE AUSREISSSICHERUNG
HOSE COUPLINGS WITHOUT WIRE TRAP AREA

Produktgruppen	Product-Groups	Seite / Page	
Waschgeräte - Armaturen	**Waterwash - Inserts**		
Waschgeräte - Armaturen	Waterwash - Inserts	2.64	
Ring - Armaturen	**Banjos - Inserts**		
Ring - Armaturen	Banjos - Inserts	2.65	
Ringstutzen	**Capillary - Banjos**		
Ringstutzen	Capillary - Banjos	2.66	
Hohlschrauben	**Banjo - Bolts**		
Hohlschrauben	Banjo - Bolts	2.67	
Push - Lock - Armaturen	**Push - Lock - Inserts**		
Dichtkegel mit O-Ring - Leichte Reihe - Gerade	Tapered Nipples with O-ring - Light Series - Straight	2.68	
Universal-Dichtkegel - Leichte Reihe - Gerade	Universal Tapered Nipples - Light Series - Straight	2.69	
Rohrstutzen - Leichte Reihe - Gerade	Pipe Connectors - Light Series - Straight	2.70	
Dichtkegel - BSP - 60° - Gerade	Tapered Nipples - BSP - 60° - Straight	2.71	
Aussengewinde-Nippel - Leichte Reihe - Metrisch - 24°-Konus	Male Nipples - Light Series - Metric - 24°-Cone	2.72	
Aussengewinde-Nippel - BSP - 60°-Konus - AGN	Male Nipples - BSP - 60°-Cone - AGN	2.73	
Aussengewinde-Nippel - BSP - 60°-Konus - AGR	Male Nipples - BSP - 60°-Cone - AGR	2.74	

HINWEISE ZU DEN NENNDRÜCKEN DER ARMATUREN

WORKING PRESSURE FOR HOSE FITTINGS

Bitte beachten Sie die maximal zulässigen Betriebsdrücke der Anschlussarmaturen gemäß den zugehörigen Normen:

•DIN 20066 •DIN 7641 •DIN 7642 •SAE 514
•SAE J 518 •SAE J 1453 •BS 5200 •ISO 8434-6

Auf jeden Fall überschreiten die PH Armaturen aufgrund der Robustheit und der hohen Qualität generell die o.g. Spezifikationen.

Der Nenndruck der Schlauchleitung, komplett mit allen Komponenten, einschließlich Verschraubungen und Adapter, muss jeweils vom schwächsten Bestandteil definiert werden.

Please note the maximum allowable working pressures for hose fitting connections according to their International Standards as described in:

•DIN 20066 •DIN 7641 •DIN 7642 •SAE 514
•SAE J 518 •SAE J 1453 •BS 5200 •ISO 8434-6

Anyway the robustness and high quality of the PH hose couplings generally exceed the mentioned performance.

The pressure rating of the hose assembly, complete with all components, including fittings and adapters, must be defined based on the rate of the weakest component.

Beschreibung Description		**Normen** Standards	**Max. Betriebsdruck in bar (PN)** Max. Working Pressure in bar (PN)												
			Zoll / inch												
			3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
			Dash												
			-03	-04	-05	-06	-08	-10	-12	-16	-20	-24	-32	-40	-48
			DN												
			5	6	8	10	12	16	19	25	31	38	51	63	76
Außengewinde - BSP Zyl. + Keg. Male Nipples - BSP + Taper	AGR + AGRk	BS 5200 / ISO 8434-6	350	630	550	550	430	350	350	280	250	210	210		
Dichtkopf BSP - O-Ring Tapered Nipples with O-ring	DKOR	BS 5200 / ISO 8434-6							350	280	250	210	210		
Dichtkopf - BSP Tapered Nipples - BSP	DKR + DRF	BS 5200 / ISO 8434-6	500	630	550	550	430	350	350	280	160	125	80		
Universaldichtkopf Universal Tapered Nipples	DKL	DIN 20066	250	250	250	250	250	160							
Dichtkopf metrisch 60° Universal Tapered Nipples	DKLL	DIN 20066							63	63	63	63	40		
Außengewinde metrisch 24° Metric-Male Nipples 24°	CEL	DIN 20066	415	500	500	400	400	400	280	250	250	250			
Dichtkopf metrisch 24° Tapered Nipples with O-ring	DKOL	DIN 20066	415	500	500	400	400	400	280	250	250	250			
Außengewinde metrisch 24° Metric-Male Nipples 24°	CES	DIN 20066	630	630	630	630	630	450	420	420	420	420			
Dichtkopf metrisch 24° Tapered Nipples with O-ring	DKOS	DIN 20066	630	630	630	630	630	450	420	420	420	420			
Ringstutzen Banjos	RGN	DIN 7641 + 7642	300	300	300	300	300	250	250	250					
Außengewinde JIC-37° JIC-37°-Male Nipples	AGJ	SAE 514	410	410	350	350	350	350	350	280	210	160	160		
Dichtkopf JIC-37° JIC-37°-Female Nipples	DKJ	SAE 514	410	410	350	350	350	350	350	280	210	160	160		
Außengewinde NPT Male Nipples NPT	AGN	SAE 514	630	630	630	630	630	350	630	400	400	400	315		
ORFS Außengewinde-Nippel ORFS Male Nipples	MORFS	SAE J 1453	420	460	460	460	420	420	420	350	275	210			
Dichtkopf ORFS - Gerade ORFS-Nipples - Straight	FORFS - Gerade FORFS - Straight	SAE J 1453	420	460	460	460	420	420	420	350	275	210			
Dichtkopf ORFS - Bogen ORFS-Nipples - Elbow	FORFS - Bogen FORFS - Elbow	SAE J 1453	420	460	460	460	420	420	420	350	275	210			
SAE-Flanschnippel SAE-Flanged Nipples	SFL 3000 P.S.I.	SAE J 518-1 / ISO 6162-1					350		350	350	280	210	210	175	160
SAE-Flanschnippel SAE-Flanged Nipples	SFS 6000 P.S.I.	SAE J 518-2 / ISO 6162-2					420		420	420	420	420	420	420	420
Steck-O-Nippel Quick-Disconect O-Nipples	STN	DIN 20043		640		530	500		450	400	300	145	130		
Waschgeräte-Nippel Waterwash-Nipples	DKO-KÄ		500	500	500	500	500								

ÜBERSICHTSTABELLE
FASSUNGEN UND SCHLÄUCHE
PRODUCT OVERVIEW OF FERRULES AND HOSES

EDELSTAHL / STAINLESS STEEL
VERBINDUNGSTECHNIK
FLUID CONNECTORS

In der Übersichtstabelle finden Sie die richtige Fassung zu Ihrem Schlauch.
skive = schälen
non skive = nicht schälen

Here you will find the correct ferrule to your hose.
skive non skive

Schlauch-Typ *Hose-Type*			**2 TE - EN 854**	**3 TE - EN 854**	**1 ST - EN 853**	**2 ST - EN 853**	**1 SN - EN 853 SAE 100 R1AT**	**2 SN - EN 853 SAE 100 R2AT**
Größe **Size**			**Fassung-Typ** **Ferrule-Type**	**Fassung-Typ** **Ferrule-Type**	**Fassung-Typ** **Ferrule-Type**	**Fassung-Typ** **Ferrule-Type**	**Fassung-Typ** **Ferrule-Type**	**Fassung-Typ** **Ferrule-Type**
DN	**dash**	**Zoll / inch**						
05	-03	3/16"					P1 non skive	P2 non skive
06	-04	1/4"	P1 non skive	P2 non skive	P1 skive	P3 skive	P1 / P5 non skive P1 skive	P2 / P5 non skive P3 skive
08	-05	5/16"	P1 non skive	P2 non skive	P1 skive	P3 skive	P1 / P5 non skive P1 skive	P2 / P5 non skive P3 skive
10	-06	3/8"	P1 non skive	P2 non skive	P1 skive	P3 skive	P1 / P5 non skive P1 skive	P2 / P5 non skive P3 skive
12	-08	1/2"	P1 non skive	P2 non skive	P1 skive	P3 skive	P1 / P5 non skive P1 skive	P2 / P5 non skive P3 skive
16	-10	5/8"	P1 non skive	P2 non skive	P1 skive	P3 skive	P1 / P5 non skive P1 skive	P2 / P5 non skive P3 skive
19	-12	3/4"	P1 non skive	P2 non skive	P1 skive	P3 skive	P1 / P5 non skive P1 skive	P2 / P5 non skive P3 skive
25	-16	1"	P1 non skive	P2 non skive	P1 skive	P3 skive	P1 / P5 non skive P1 skive	P2 / P5 non skive P3 skive
31	-20	1 1/4"		P2 non skive	P1 skive	P3 skive	P1 non skive / skive	P8 non skive P3 skive
38	-24	1 1/2"		P2 non skive	P1 skive	P3 skive	P1 non skive / skive	P8 non skive P3 skive
51	-32	2"		P2 non skive	P1 skive	P3 skive	P1 non skive / skive	P8 non skive P3 skive
60	-38	2 3/8"		P2 non skive				P8 non skive
63	-40	2 1/2"						
76	-48	3"						P8 non skive
80				P2 non skive				

ÜBERSICHTSTABELLE FASSUNGEN UND SCHLÄUCHE

PRODUCT OVERVIEW OF FERRULES AND HOSES

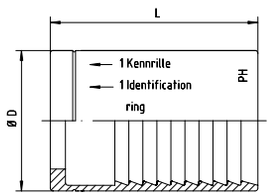
In der Übersichtstabelle finden Sie die richtige Fassung zu Ihrem Schlauch.
skive = schälen
non skive = nicht schälen

Here you will find the correct ferrule to your hose.
skive
non skive

1 SC - EN 857	2 SC - EN 857	4 SP - EN 856	4 SH - EN 856	R13 - EN 856	SAE 100 R15	R7 - EN 855 R8 - EN 855	PTFE - glatt *PTFE - flat*	PTFE - Well *PTFE - Convoluted*
Fassung-Typ **Ferrule-Type**	**Fassung-Typ** **Ferrule-Type**	**Fassung-Typ** **Ferrule-Type**	**Fassung-Typ** **Ferrule-Type** Interlock	**Fassung-Typ** **Ferrule-Type** Interlock	**Fassung-Typ** **Ferrule-Type** Interlock	**Fassung-Typ** **Ferrule-Type**	**Fassung-Typ** **Ferrule-Type**	**Fassung-Typ** **Ferrule-Type**
						PF-R7 non skive	PF-PTFE	
P9 / PF-R7 non skive	P1 / P5 non skive P1 skive	P3Sp4-DN 06 skive				PF-R7 non skive	PF-PTFE	PF-W-PTFE
P9 / PF-R7 non skive	P1 / P5 non skive P1 skive					PF-R7 non skive	PF-PTFE	PF-W-PTFE
P9 / PF-R7 non skive	P1 / P5 non skive P1 skive	P3 skive				PF-R7 non skive	PF-PTFE	PF-W-PTFE
P9 / PF-R7 non skive	P1 / P5 non skive P1 skive	P3 skive				PF-R7 non skive	PF-PTFE	PF-W-PTFE
PF-R7 non skive	P1 / P5 non skive P1 skive	P3 skive				PF-R7 non skive	PF-PTFE	PF-W-PTFE
PF-R7 non skive	P1 / P5 non skive P1 skive	P3 skive	P4-I internal+ external skive	P6-I internal+ external skive	P7-I internal+ external skive	PF-R7 non skive	PF-PTFE	PF-W-PTFE
PF-R7 non skive	P1 / P5 non skive P1 skive	P3 skive	P4-I internal+ external skive	P6-I internal+ external skive	P7-I internal+ external skive	PF-R7 non skive	PF-PTFE	PF-W-PTFE
P9 non skive	P8 non skive	P3 skive	P4-I internal+ external skive	P6-I internal+ external skive	P7-I internal+ external skive			PF-W-PTFE
P9 non skive	P8 non skive	P3 skive	P4-I internal+ external skive	P6-I internal+ external skive	P7-I internal+ external skive			
P9 non skive	P8 non skive	P3Sp4-DN 51 skive	P4-I internal+ external skive	P6-I internal+ external skive				
	P8 non skive							
	P8 non skive							

PF-PTFE
Für Schlauchtyp:
PTFE-Schlauch, dicke Seele, mit 1 Klöppellage
Zu verwenden für Armaturen Rubrik 2.

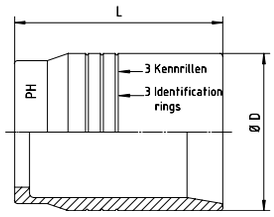
PF-PTFE
For Hose Type:
PTFE-Hose, heavy wall, with 1 braid
To use for Hose Inserts Category 2.



Schlauch Hose	**DN** Bore	**Ca. Maße** Approx. Dimensions		**Bemerkungen** Notes	**Bestellzeichen** Order-Code
DN	**in.**	**D**	**L**		
05	3/16“	12	24,5		PF-PTFE-DN 05
06	1/4“	14	33,0		PF-PTFE-DN 06
08	5/16“	17	33,0		PF-PTFE-DN 08
10	3/8“	19	33,0		PF-PTFE-DN 10
12	1/2“	23	35,0		PF-PTFE-DN 12
16	5/8“	27	38,0		PF-PTFE-DN 16
19	3/4“	30	44,0		PF-PTFE-DN 19
25	1“	37	50,0		PF-PTFE-DN 25

PF-W-PTFE
Für Schlauchtyp:
PT3W - PTFE-Wellschlauch, mit 1 Klöppellage
Zu verwenden für Armaturen Rubrik 2.

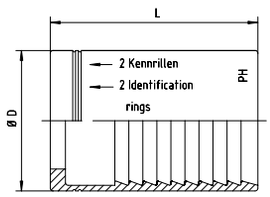
PF-W-PTFE
For Hose Type:
PT3W - PTFE-Convoluted-Hose, with 1 braid
To use for Hose Inserts Category 2.



Schlauch Hose	**DN** Bore	**Ca. Maße** Approx. Dimensions		**Bemerkungen** Notes	**Bestellzeichen** Order-Code
DN	**in.**	**D**	**L**		
06	1/4“	18,0	33,0		PF-W-PTFE-DN 06
08	5/16“	20,0	33,0		PF-W-PTFE-DN 08
10	3/8“	23,5	33,0		PF-W-PTFE-DN 10
12	1/2“	26,3	35,0		PF-W-PTFE-DN 12
16	5/8“	30,0	38,0		PF-W-PTFE-DN 16
19	3/4“	34,3	44,0		PF-W-PTFE-DN 19
25	1“	40,6	50,0		PF-W-PTFE-DN 25
31	1 1/4“	51,0	66,0		PF-W-PTFE-DN 31

PF-R7 - nicht schälen
Für Schlauchtyp:
R7 - DIN EN 855
R8 - DIN EN 855
1SC - DIN EN 857 DN 06 - DN 25
Zu verwenden für Armaturen Rubrik 2.

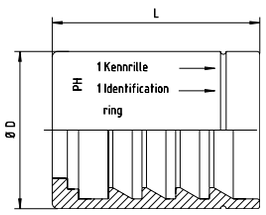
PF-R7 - non skive
For Hose Type:
R7 - DIN EN 855
R8 - DIN EN 855
1SC - DIN EN 857 DN 06 - DN 25
To use for Hose Inserts Category 2.



Schlauch Hose	DN Bore	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**D**	**L**		
05	3/16“	14	26,5		PF-R7-DN 05
06	1/4“	18	34,5		PF-R7-DN 06
08	5/16“	19	34,5		PF-R7-DN 08
10	3/8“	22	35,0		PF-R7-DN 10
12	1/2“	25	37,0		PF-R7-DN 12
16	5/8“	30	40,0		PF-R7-DN 16
19	3/4“	33	45,0		PF-R7-DN 19
25	1“	40	50,0		PF-R7-DN 25

P1
Für Schlauchtyp:
2 TE - EN 854 - DN 06 - DN 25
1 ST - EN 853 - DN 06 - DN 51
1 SN - EN 853 + SAE 100 R1AT
2 SC - EN 857 - DN 06 - DN 25
Zu verwenden für Schlauchnippel Rubrik 2.

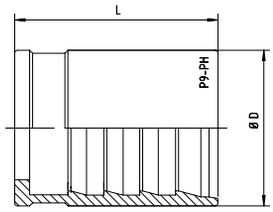
P1
For Hose Type:
2 TE - EN 854 - DN 06 - DN 25
1 ST - EN 853 - DN 06 - DN 51
1 SN - EN 853 + SAE 100 R1AT
2 SC - EN 857 - DN 06 - DN 25
To use for Hose Inserts Category 2.



Schlauch Hose	DN Bore	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**D**	**L**		
05	3/16“	21	23,0	nur für 1 SN / only for 1 SN	P1-DN 05
06	1/4“	20	34,5		P1-DN 06
08	5/16“	22	34,5		P1-DN 08
10	3/8“	25	35,0		P1-DN 10
12	1/2“	28	37,0		P1-DN 12
16	5/8“	32	40,0		P1-DN 16
19	3/4“	36	45,0		P1-DN 19
25	1“	45	50,0		P1-DN 25
31	1 1/4“	55	70,0		P1-DN 31
38	1 1/2“	60	70,0		P1-DN 38
51	2“	76	80,0		P1-DN 51

P9 - nicht schälen
Für Schlauchtyp:
1 SC - DIN - EN 857
Zu verwenden für Armaturen Rubrik 2.

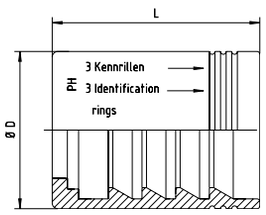
P9 - non skive
For Hose Type:
1 SC - DIN - EN 857
To use for Hose Inserts Category 2.



Schlauch Hose	DN Bore	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	D	L		
06	1/4“	18,0	30,5		P9-DN 06
08	5/16“	19,0	32,0		P9-DN 08
10	3/8“	22,0	33,0		P9-DN 10
12	1/2“	26,0	34,0		P9-DN 12
31	1 1/4“	48,0	67,5		P9-DN 31
38	1 1/2“	53,5	66,0		P9-DN 38
51	2“	69,0	75,0		P9-DN 51

P3 - schälen
Für Schlauchtyp:
2 ST - DIN - EN 853
2 SN - DIN - EN 853 + SAE 100 R2AT
4 SP - DIN - EN 856
Zu verwenden für Armaturen Rubrik 2.

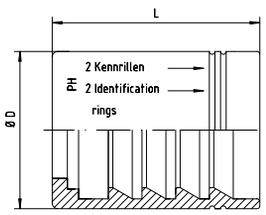
P3 - skive
For Hose Type:
2 ST - DIN - EN 853
2 SN - DIN - EN 853 + SAE 100 R2AT
4 SP - DIN - EN 856
To use for Hose Inserts Category 2.



Schlauch Hose	DN Bore	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**D**	**L**		
06	1/4“	22	34,5	signiert mit Sp4 / marked with Sp4	P3Sp4-DN 06
06	1/4“	22	34,5	nicht für Sp4 / not for Sp4	P3-DN 06
08	5/16“	24	34,5		P3-DN 08
10	3/8“	26	35,0		P3-DN 10
12	1/2“	30	37,0		P3-DN 12
16	5/8“	33	40,0		P3-DN 16
19	3/4“	38	45,0		P3-DN 19
25	1“	46	50,0		P3-DN 25
31	1 1/4“	58	70,0		P3-DN 31
38	1 1/2“	64	70,0		P3-DN 38
51	2“	76	80,0	nicht für Sp4 / not for Sp4	P3-DN 51
51	2“	76	80,0	signiert mit Sp4 / marked with Sp4	P3Sp4-DN 51

P2 - nicht schälen
Für Schlauchtyp:
2 SN - DIN - EN 853 + SAE 100 R2AT - DN 05 bis DN 25
3 TE - DIN - EN 854 + 3 TB - DN 06 - DN 80
Zu verwenden für Armaturen Rubrik 2.

P2 - non skive
For Hose Type:
2 SN - DIN - EN 853 + SAE 100 R2AT - DN 05 up to DN 25
3 TE - DIN - EN 854 + 3 TB -DN 06 - DN 80
To use for Hose Inserts Category 2.

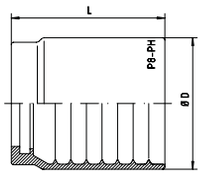


Schlauch Hose	DN Bore	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**D**	**L**		
05	3/16“	21	23,0	nur für 2 SN / only for 2 SN	P2-DN 05
06	1/4“	22	34,5		P2-DN 06
08	5/16“	24	34,5		P2-DN 08
10	3/8“	26	35,0		P2-DN 10
12	1/2“	30	37,0		P2-DN 12
16	5/8“	33	40,0		P2-DN 16
19	3/4“	38	45,0		P2-DN 19
25	1“	46	50,0		P2-DN 25
31	1 1/4“	55	70,0	nicht für (not for) 2 SN	P2-DN 31
38	1 1/2“	60	70,0	nicht für (not for) 2 SN	P2-DN 38
51	2“	76	80,0	nicht für (not for) 2 SN	P2-DN 51
60	2 3/8“	82,5	72,0	nicht für (not for) 2 SN	P2-DN 60
80		108	90,0	nicht für (not for) 2 SN	P2-DN 80

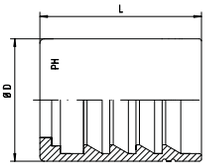
P8 - nicht schälen
Für Schlauchtyp:
2 SN - EN 853 - DN 31 - DN 60 + DN 76
2 SN - EN 857 - DN 31 - DN 51 + DN 63 - DN 76
Zu verwenden für Armaturen Rubrik 2.

P8 - non skive
For Hose Type:
2 SN - EN 853 - DN 31 - DN 60 + DN 76
2 SN - EN 857 - DN 31 - DN 51 + DN 63 - DN 76
To use for Hose Inserts Category 2.

DN 31, 38, 51, 63



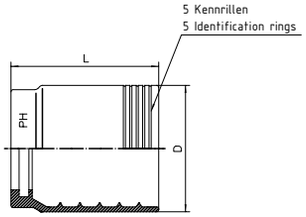
DN 60, 76



Schlauch Hose	DN Bore	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	D	L		
31	1 1/4“	59,0	66,5		P8-DN 31
38	1 1/2“	67,0	67,0		P8-DN 38
51	2“	80,0	75,0		P8-DN 51
60	2 3/8“	82,5	72,0		P8-DN 60
63	2 1/2“	89,0	69,0		P8-DN 63
76	3“	103,0	75,0		P8-DN 76

P5 - nicht schälen
Für Schlauchtyp:
1 SN - DIN - EN 853
2 SN - DIN - EN 853
2 SC - DIN - EN 857
Zu verwenden für Armaturen Rubrik 2.

P5 - non skive
For Hose Type:
1 SN - DIN - EN 853
2 SN - DIN - EN 853
2 SC - DIN - EN 857
To use for Hose Inserts Category 2.

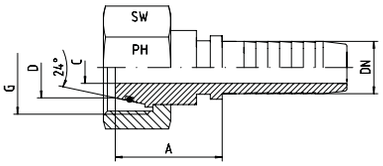


Schlauch Hose	DN Bore	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**D**	**L**		
06	1/4“	23	31,7		P5-DN 06
08	5/16“	24	31,5		P5-DN 08
10	3/8“	26	33,3		P5-DN 10
12	1/2“	29	34,5		P5-DN 12
16	5/8“	33	39,0		P5-DN 16
19	3/4“	37	44,0		P5-DN 19
25	1“	46	45,7		P5-DN 25

24°- DICHTKEGEL MIT O-RING
24°- CONE WITH O-RING

Für Gegenanschluss mit 24°-Konus
und Schneidringverschraubungen
DIN 2353 / DIN EN ISO 8434-1
Leichte Reihe = DKOL - Gerade
O-Ring = FPM
Auf Anfrage: NBR

To Interface with 24°-Cone fittings
DIN 2353 / DIN EN ISO 8434-1
Light Series = DKOL - Straight
O-ring = FPM
On Request: NBR

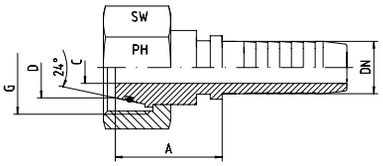


Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**C**	**SW**			
05	3/16“	M 12 x 1,5	6	20,2	3,0	14	4 x 1,5		DKOL-06-DN 05
06	1/4“	M 12 x 1,5	6	21,0	4,0	14	5 x 1,0		DKOL-06-DN 06
05	3/16“	M 14 x 1,5	8	23,5	3,0	17	6 x 1,5		DKOL-08-DN 05
06	1/4“	M 14 x 1,5	8	24,5	4,0	17	6 x 1,5		DKOL-08-DN 06
08	5/16“	M 14 x 1,5	8	23,5	5,5	17	6 x 1,5		DKOL-08-DN 08
10	3/8“	M 14 x 1,5	8	29,0	4,5	17	6 x 1,5		DKOL-08-DN 10
06	1/4“	M 16 x 1,5	10	27,0	4,0	19	8 x 1,5		DKOL-10-DN 06
08	5/16“	M 16 x 1,5	10	26,0	5,5	19	8 x 1,5		DKOL-10-DN 08
10	3/8“	M 16 x 1,5	10	26,0	7,0	19	8 x 1,5		DKOL-10-DN 10
06	1/4“	M 18 x 1,5	12	28,0	4,0	22	9,25 x 1,78		DKOL-12-DN 06
08	5/16“	M 18 x 1,5	12	28,0	5,5	22	9,25 x 1,78		DKOL-12-DN 08
10	3/8“	M 18 x 1,5	12	26,0	7,0	22	10 x 1,5		DKOL-12-DN 10
12	1/2“	M 18 x 1,5	12	26,0	8,0	22	10 x 1,5		DKOL-12-DN 12
06	1/4“	M 22 x 1,5	15	28,5	4,0	27	12 x 2,0		DKOL-15-DN 06
08	5/16“	M 22 x 1,5	15	28,5	5,5	27	12 x 2,0		DKOL-15-DN 08
10	3/8“	M 22 x 1,5	15	26,0	7,0	27	12 x 2,0		DKOL-15-DN 10
12	1/2“	M 22 x 1,5	15	27,0	9,5	27	12 x 2,0		DKOL-15-DN 12
16	5/8“	M 22 x 1,5	15	29,0	10,0	27	12 x 2,0		DKOL-15-DN 16
19	3/4“	M 22 x 1,5	15	32,5	10,0	27	15 x 2,0		DKOL-15-DN 19
10	3/8“	M 26 x 1,5	18	24,0	7,0	32	15 x 2,0		DKOL-18-DN 10
12	1/2“	M 26 x 1,5	18	28,0	9,5	32	15 x 2,0		DKOL-18-DN 12
16	5/8“	M 26 x 1,5	18	29,0	12,5	32	15 x 2,0		DKOL-18-DN 16
19	3/4“	M 26 x 1,5	18	32,0	12,0	32	19 x 2,0		DKOL-18-DN 19
12	1/2“	M 30 x 2	22	32,5	9,5	36	19 x 2,0		DKOL-22-DN 12
16	5/8“	M 30 x 2	22	31,0	12,5	36	19 x 2,0		DKOL-22-DN 16
19	3/4“	M 30 x 2	22	33,0	14,5	36	19 x 2,0		DKOL-22-DN 19
25	1“	M 30 x 2	22	35,0	17,0	36	20 x 2,0		DKOL-22-DN 25
16	5/8“	M 36 x 2	28	33,0	12,5	41	25 x 2,0		DKOL-28-DN 16
19	3/4“	M 36 x 2	28	34,5	14,5	41	25 x 2,0		DKOL-28-DN 19
25	1“	M 36 x 2	28	34,5	20,0	41	25 x 2,0		DKOL-28-DN 25
25	1“	M 45 x 2	35	42,5	20,0	50	31 x 2,5		DKOL-35-DN 25
31	1 1/4“	M 45 x 2	35	37,0	25,5	50	31 x 2,5		DKOL-35-DN 31
31	1 1/4“	M 52 x 2	42	42,0	25,5	60	38 x 2,5		DKOL-42-DN 31
38	1 1/2“	M 52 x 2	42	37,0	31,5	60	38 x 2,5		DKOL-42-DN 38
51	2“	M 52 x 2	42	46,0	34,0	60	38 x 2,5		DKOL-42-DN 51

24°- DICHTKEGEL MIT O-RING
24°- CONE WITH O-RING

Für Gegenanschluss mit 24°-Konus
und Schneidringverschraubungen
DIN 2353 / DIN EN ISO 8434-1
Schwere Reihe = DKOS - Gerade
O-Ring = FPM
Auf Anfrage: NBR

To Interface with 24°-Cone fittings
DIN 2353 / DIN EN ISO 8434-1
Heavy Series = DKOS - Straight
O-ring = FPM
On Request: NBR

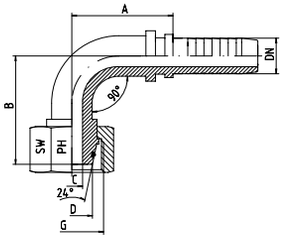


Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			O-Ring O-ring	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**C**	**SW**		
05	3/16“	M 14 x 1,5	6	19,5	3,0	17	4 x 1,5	DKOS-06-DN 05
06	1/4“	M 14 x 1,5	6	21,0	4,0	17	5 x 1,0	DKOS-06-DN 06
05	3/16“	M 16 x 1,5	8	23,5	3,0	19	6 x 1,5	DKOS-08-DN 05
06	1/4“	M 16 x 1,5	8	25,0	4,0	19	6 x 1,5	DKOS-08-DN 06
08	5/16“	M 16 x 1,5	8	23,5	5,5	19	6 x 1,5	DKOS-08-DN 08
10	3/8“	M 16 x 1,5	8	30,0	4,5	19	6 x 1,5	DKOS-08-DN 10
06	1/4“	M 18 x 1,5	10	27,0	4,0	22	8 x 1,5	DKOS-10-DN 06
08	5/16“	M 18 x 1,5	10	26,0	5,5	22	8 x 1,5	DKOS-10-DN 08
10	3/8“	M 18 x 1,5	10	26,0	7,0	22	8 x 1,5	DKOS-10-DN 10
06	1/4“	M 20 x 1,5	12	28,0	4,0	24	9,25 x 1,78	DKOS-12-DN 06
08	5/16“	M 20 x 1,5	12	29,5	5,5	24	9,25 x 1,78	DKOS-12-DN 08
10	3/8“	M 20 x 1,5	12	26,0	7,0	24	10 x 1,5	DKOS-12-DN 10
12	1/2“	M 20 x 1,5	12	26,0	8,0	24	10 x 1,5	DKOS-12-DN 12
08	5/16“	M 22 x 1,5	14	20,5	5,5	27	12 x 2,0	DKOS-14-DN 08
10	3/8“	M 22 x 1,5	14	27,0	7,0	27	12 x 2,0	DKOS-14-DN 10
12	1/2“	M 22 x 1,5	14	24,0	9,5	27	12 x 2,0	DKOS-14-DN 12
06	1/4“	M 24 x 1,5	16	31,5	4,0	30	13 x 2,0	DKOS-16-DN 06
08	5/16“	M 24 x 1,5	16	31,5	5,5	30	13 x 2,0	DKOS-16-DN 08
10	3/8“	M 24 x 1,5	16	31,5	7,0	30	13 x 2,0	DKOS-16-DN 10
12	1/2“	M 24 x 1,5	16	32,2	9,5	30	13 x 2,0	DKOS-16-DN 12
16	5/8“	M 24 x 1,5	16	31,5	11,0	30	13 x 2,0	DKOS-16-DN 16
10	3/8“	M 30 x 2	20	37,0	7,0	36	16,3 x 2,4	DKOS-20-DN 10
12	1/2“	M 30 x 2	20	36,5	9,5	36	16,3 x 2,4	DKOS-20-DN 12
16	5/8“	M 30 x 2	20	37,0	12,5	36	16,3 x 2,4	DKOS-20-DN 16
19	3/4“	M 30 x 2	20	33,5	14,5	36	16,3 x 2,4	DKOS-20-DN 19
12	1/2“	M 36 x 2	25	29,0	9,5	46	21,3 x 2,4	DKOS-25-DN 12
16	5/8“	M 36 x 2	25	40,5	12,5	46	21,3 x 2,4	DKOS-25-DN 16
19	3/4“	M 36 x 2	25	41,0	14,5	46	21,3 x 2,4	DKOS-25-DN 19
25	1“	M 36 x 2	25	39,5	20,0	46	22 x 2,5	DKOS-25-DN 25
19	3/4“	M 42 x 2	30	44,0	14,5	50	25,3 x 2,4	DKOS-30-DN 19
25	1“	M 42 x 2	30	44,5	20,0	50	25,3 x 2,4	DKOS-30-DN 25
31	1 1/4“	M 42 x 2	30	44,0	23,0	50	25,3 x 2,4	DKOS-30-DN 31
25	1“	M 52 x 2	38	50,5	20,0	60	34 x 2,5	DKOS-38-DN 25
31	1 1/4“	M 52 x 2	38	49,0	25,5	60	34 x 2,5	DKOS-38-DN 31
38	1 1/2“	M 52 x 2	38	40,5	29,0	60	35 x 2,5	DKOS-38-DN 38
38	1 1/2“	M 68 x 2	50	49,0	31,5	80	46 x 3,0	DKOS-50-DN 38

24°- DICHTKEGEL MIT O-RING
24°- CONE WITH O-RING

Für Gegenanschluss mit 24°-Konus
und Schneidringsverschraubungen
DIN 2353 / DIN EN ISO 8434-1
Leichte Reihe = DKOL - 90°
O-Ring = FPM
Auf Anfrage: NBR

To Interface with 24°-Cone fittings
DIN 2353 / DIN EN ISO 8434-1
Light Series = DKOS - 90°
O-ring = FPM
On Request: NBR



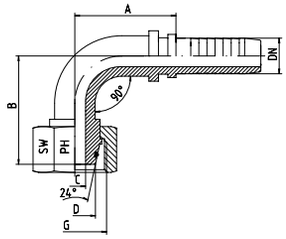
Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**B**	**C**	**SW**		
05	3/16“	M 12 x 1,5	6	28,0	37,0	3,0	14	4 x 1,5	DKOL-06-90°-DN 05
06	1/4“	M 12 x 1,5	6	28,0	28,5	4,0	14	5 x 1,0	DKOL-06-90°-DN 06
05	3/16“	M 14 x 1,5	8	28,0	28,5	3,0	17	6 x 1,5	DKOL-08-90°-DN 05
06	1/4“	M 14 x 1,5	8	28,5	29,5	4,0	17	6 x 1,5	DKOL-08-90°-DN 06
08	5/16“	M 14 x 1,5	8	35,0	47,0	4,5	17	6 x 1,5	DKOL-08-90°-DN 08
06	1/4“	M 16 x 1,5	10	28,5	29,5	4,0	19	8 x 1,5	DKOL-10-90°-DN 06
08	5/16“	M 16 x 1,5	10	31,5	39,0	5,5	19	8 x 1,5	DKOL-10-90°-DN 08
10	3/8“	M 16 x 1,5	10	35,0	37,5	7,0	19	8 x 1,5	DKOL-10-90°-DN 10
06	1/4“	M 18 x 1,5	12	29,0	33,5	4,0	22	10 x 1,5	DKOL-12-90°-DN 06
08	5/16“	M 18 x 1,5	12	34,5	37,0	5,5	22	10 x 1,5	DKOL-12-90°-DN 08
10	3/8“	M 18 x 1,5	12	34,0	38,0	7,0	22	10 x 1,5	DKOL-12-90°-DN 10
12	1/2“	M 18 x 1,5	12	45,0	53,0	8,5	22	10 x 1,5	DKOL-12-90°-DN 12
10	3/8“	M 22 x 1,5	15	42,5	41,5	7,0	27	12 x 2,0	DKOL-15-90°-DN 10
12	1/2“	M 22 x 1,5	15	44,0	43,0	9,5	27	12 x 2,0	DKOL-15-90°-DN 12
12	1/2“	M 26 x 1,5	18	46,5	51,0	9,5	32	15 x 2,0	DKOL-18-90°-DN 12
16	5/8“	M 26 x 1,5	18	56,0	52,0	12,5	32	15 x 2,0	DKOL-18-90°-DN 16
19	3/4“	M 26 x 1,5	18	59,0	70,0	13,0	32	15 x 2,0	DKOL-18-90°-DN 19
16	5/8“	M 30 x 2	22	57,0	63,5	12,0	36	19 x 2,0	DKOL-22-90°-DN 16
19	3/4“	M 30 x 2	22	61,0	58,0	14,5	36	19 x 2,0	DKOL-22-90°-DN 19
19	3/4“	M 36 x 2	28	70,0	62,5	14,5	41	25 x 2,0	DKOL-28-90°-DN 19
25	1“	M 36 x 2	28	82,0	70,0	20,0	41	25 x 2,0	DKOL-28-90°-DN 25
31	1 1/4“	M 45 x 2	35	87,0	85,0	25,0	50	32 x 2,5	DKOL-35-90°-DN 31
38	1 1/2“	M 45 x 2	35	105,0	114,0	28,0	50	32 x 2,5	DKOL-35-90°-DN 38
31	1 1/4“	M 52 x 2	42	101,5	97,0	25,0	60	38 x 2,5	DKOL-42-90°-DN 31
38	1 1/2“	M 52 x 2	42	104,0	103,0	31,0	60	38 x 2,5	DKOL-42-90°-DN 38

24°- DICHTKEGEL MIT O-RING

24°- CONE WITH O-RING

Für Gegenanschluss mit 24°-Konus
und Schneidringsverschraubungen
DIN 2353 / DIN EN ISO 8434-1
Schwere Reihe = DKOS - 90°
O-Ring = FPM
Auf Anfrage: NBR

To Interface with 24°-Cone fittings
DIN 2353 / DIN EN ISO 8434-1
Light Series = DKOS - 90°
O-ring = FPM
On Request: NBR

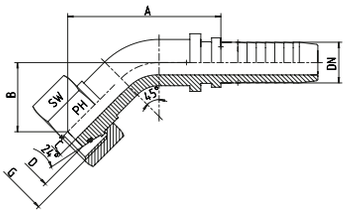


Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**B**	**C**	**SW**		
05	3/16“	M 14 x 1,5	6	28,0	37,0	3,0	17	4 x 1,5	DKOS-06-90°-DN 05
06	1/4“	M 14 x 1,5	6	28,0	28,5	4,0	17	5 x 1,0	DKOS-06-90°-DN 06
05	3/16“	M 16 x 1,5	8	28,0	28,5	3,0	19	6 x 1,5	DKOS-08-90°-DN 05
06	1/4“	M 16 x 1,5	8	28,0	29,5	4,0	19	6 x 1,5	DKOS-08-90°-DN 06
08	5/16“	M 16 x 1,5	8	36,0	40,5	4,0	19	6 x 1,5	DKOS-08-90°-DN 08
06	1/4“	M 18 x 1,5	10	28,5	29,5	4,0	22	8 x 1,5	DKOS-10-90°-DN 06
08	5/16“	M 18 x 1,5	10	31,5	39,0	5,5	22	8 x 1,5	DKOS-10-90°-DN 08
10	3/8“	M 18 x 1,5	10	35,0	37,5	7,0	22	8 x 1,5	DKOS-10-90°-DN 10
06	1/4“	M 20 x 1,5	12	29,0	33,5	4,0	24	10 x 1,5	DKOS-12-90°-DN 06
08	5/16“	M 20 x 1,5	12	34,5	37,0	5,5	24	10 x 1,5	DKOS-12-90°-DN 08
10	3/8“	M 20 x 1,5	12	34,0	38,0	7,0	24	10 x 1,5	DKOS-12-90°-DN 10
12	1/2“	M 20 x 1,5	12	45,0	53,0	8,5	24	10 x 1,5	DKOS-12-90°-DN 12
10	3/8“	M 22 x 1,5	14	42,0	42,0	7,0	27	10 x 2,0	DKOS-14-90°-DN 10
10	3/8“	M 24 x 1,5	16	43,0	42,5	7,0	30	13 x 2,0	DKOS-16-90°-DN 10
12	1/2“	M 24 x 1,5	16	44,0	45,5	9,5	30	13 x 2,0	DKOS-16-90°-DN 12
12	1/2“	M 30 x 2	20	46,0	59,0	9,5	36	16,3 x 2,4	DKOS-20-90°-DN 12
16	5/8“	M 30 x 2	20	59,0	51,0	12,5	36	16,3 x 2,4	DKOS-20-90°-DN 16
19	3/4“	M 30 x 2	20	61,5	54,5	12,5	36	16,3 x 2,4	DKOS-20-90°-DN 19
19	3/4“	M 36 x 2	25	72,0	64,0	14,5	46	21,3 x 2,4	DKOS-25-90°-DN 19
25	1“	M 36 x 2	25	79,0	79,0	18,5	46	21,3 x 2,4	DKOS-25-90°-DN 25
19	3/4“	M 42 x 2	30	73,0	73,5	14,5	50	25,3 x 2,4	DKOS-30-90°-DN 19
25	1“	M 42 x 2	30	85,0	84,0	20,0	50	25,3 x 2,4	DKOS-30-90°-DN 25
25	1“	M 52 x 2	38	106,5	96,5	20,0	60	35 x 2,5	DKOS-38-90°-DN 25
31	1 1/4“	M 52 x 2	38	101,0	100,0	25,0	60	35 x 2,5	DKOS-38-90°-DN 31
38	1 1/2“	M 68 x 2	50	124,0	111,0	31,0	80	46 x 3,0	DKOS-50-90°-DN 38

24°- DICHTKEGEL MIT O-RING
24°- CONE WITH O-RING

Für Gegenschluss mit 24°-Konus
und Schneidringverschraubungen
DIN 2353 / DIN EN ISO 8434-1
Leichte Reihe = DKOL - 45°
O-Ring = FPM
Auf Anfrage: NBR

To Interface with 24°-Cone fittings
DIN 2353 / DIN EN ISO 8434-1
Light Series = DKOL - 45°
O-ring = FPM
On Request: NBR

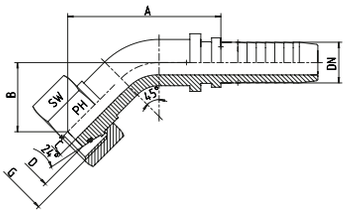


Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**B**	**C**	**SW**		
05	3/16“	M 12 x 1,5	6	44,5	22,5	3,0	14	4 x 1,5	DKOL-06-45°-DN 05
06	1/4“	M 12 x 1,5	6	37,0	15,0	4,0	14	5 x 1,0	DKOL-06-45°-DN 06
05	3/16“	M 14 x 1,5	8	37,0	16,5	3,0	17	6 x 1,5	DKOL-08-45°-DN 05
06	1/4“	M 14 x 1,5	8	38,5	16,5	4,0	17	6 x 1,5	DKOL-08-45°-DN 06
08	5/16“	M 14 x 1,5	8	51,0	26,0	4,5	17	6 x 1,5	DKOL-08-45°-DN 08
06	1/4“	M 16 x 1,5	10	38,5	16,5	4,0	19	8 x 1,5	DKOL-10-45°-DN 06
08	5/16“	M 16 x 1,5	10	44,5	19,0	5,5	19	8 x 1,5	DKOL-10-45°-DN 08
10	3/8“	M 16 x 1,5	10	45,5	20,0	7,0	19	8 x 1,5	DKOL-10-45°-DN 10
06	1/4“	M 18 x 1,5	12	42,0	19,5	4,0	22	10 x 1,5	DKOL-12-45°-DN 06
08	5/16“	M 18 x 1,5	12	44,5	19,0	5,5	22	10 x 1,5	DKOL-12-45°-DN 08
10	3/8“	M 18 x 1,5	12	43,5	18,5	7,0	22	10 x 1,5	DKOL-12-45°-DN 10
12	1/2“	M 18 x 1,5	12	62,5	27,5	8,5	22	10 x 1,5	DKOL-12-45°-DN 12
10	3/8“	M 22 x 1,5	15	53,5	21,5	7,0	27	12 x 2,0	DKOL-15-45°-DN 10
12	1/2“	M 22 x 1,5	15	54,5	20,5	9,5	27	12 x 2,0	DKOL-15-45°-DN 12
12	1/2“	M 26 x 1,5	18	60,5	23,5	9,0	32	15 x 2,0	DKOL-18-45°-DN 12
16	5/8“	M 26 x 1,5	18	62,0	29,0	12,5	32	15 x 2,0	DKOL-18-45°-DN 16
19	3/4“	M 26 x 1,5	18	76,5	40,0	13,0	32	15 x 2,0	DKOL-18-45°-DN 19
16	5/8“	M 30 x 2	22	67,5	28,0	12,0	36	19 x 2,0	DKOL-22-45°-DN 16
19	3/4“	M 30 x 2	22	67,5	31,5	14,5	36	19 x 2,0	DKOL-22-45°-DN 19
19	3/4“	M 36 x 2	28	79,0	34,0	14,5	41	25 x 2,0	DKOL-28-45°-DN 19
25	1“	M 36 x 2	28	93,0	35,5	20,0	41	25 x 2,0	DKOL-28-45°-DN 25
31	1 1/4“	M 45 x 2	35	100,0	44,0	25,0	50	32 x 2,5	DKOL-35-45°-DN 31
38	1 1/2“	M 45 x 2	35				50	32 x 2,5	DKOL-35-45°-DN 38
31	1 1/4“	M 52 x 2	42	114,5	45,0	25,0	60	38 x 2,5	DKOL-42-45°-DN 31
38	1 1/2“	M 52 x 2	42	113,0	45,0	31,0	60	38 x 2,5	DKOL-42-45°-DN 38

24°- DICHTKEGEL MIT O-RING
24°- CONE WITH O-RING

Für Gegenschluss mit 24°-Konus
und Schneidringverschraubungen
DIN 2353 / DIN EN ISO 8434-1
Schwere Reihe = DKOS - 45°
O-Ring = FPM
Auf Anfrage: NBR

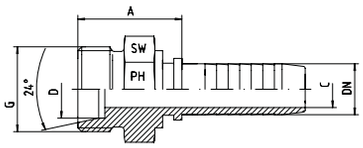
To Interface with 24°-Cone fittings
DIN 2353 / DIN EN ISO 8434-1
Heavy Series = DKOS - 45°
O-ring = FPM
On Request: NBR



Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	G	D	A	B	C	SW			
05	3/16“	M 14 x 1,5	6			3,0	17	4 x 1,5		DKOS-06-45°-DN 05
06	1/4“	M 14 x 1,5	6	37,0	15,0	4,0	17	5 x 1,0		DKOS-06-45°-DN 06
05	3/16“	M 16 x 1,5	8	37,0	16,5	3,0	19	6 x 1,5		DKOS-08-45°-DN 05
06	1/4“	M 16 x 1,5	8	38,5	16,5	4,0	19	6 x 1,5		DKOS-08-45°-DN 06
08	5/16“	M 16 x 1,5	8	48,0	23,0	4,0	19	6 x 1,5		DKOS-08-45°-DN 08
06	1/4“	M 18 x 1,5	10	38,5	16,5	4,0	22	8 x 1,5		DKOS-10-45°-DN 06
08	5/16“	M 18 x 1,5	10	44,5	19,0	5,5	22	8 x 1,5		DKOS-10-45°-DN 08
10	3/8“	M 18 x 1,5	10	45,5	20,0	7,0	22	8 x 1,5		DKOS-10-45°-DN 10
06	1/4“	M 20 x 1,5	12	42,0	19,5	4,0	24	10 x 1,5		DKOS-12-45°-DN 06
08	5/16“	M 20 x 1,5	12	44,5	19,0	5,5	24	10 x 1,5		DKOS-12-45°-DN 08
10	3/8“	M 20 x 1,5	12	43,5	18,5	7,0	24	10 x 1,5		DKOS-12-45°-DN 10
12	1/2“	M 20 x 1,5	12	62,5	27,5	8,5	24	10 x 1,5		DKOS-12-45°-DN 12
10	3/8“	M 22 x 1,5	14	54,5	23,5	7,0	27	10 x 2,0		DKOS-14-45°-DN 10
10	3/8“	M 24 x 1,5	16	55,5	24,0	7,0	30	13 x 2,0		DKOS-16-45°-DN 10
12	1/2“	M 24 x 1,5	16	57,0	25,0	9,5	30	13 x 2,0		DKOS-16-45°-DN 12
12	1/2“	M 30 x 2	20	65,0	32,0	9,5	36	16,3 x 2,4		DKOS-20-45°-DN 12
16	5/8“	M 30 x 2	20	69,0	28,0	12,5	36	16,3 x 2,4		DKOS-20-45°-DN 16
19	3/4“	M 30 x 2	20	71,5	27,0	12,5	36	16,3 x 2,4		DKOS-20-45°-DN 19
19	3/4“	M 36 x 2	25	83,0	37,0	14,5	46	21,3 x 2,4		DKOS-25-45°-DN 19
25	1“	M 36 x 2	25	98,0	39,0	18,5	46	21,3 x 2,4		DKOS-25-45°-DN 25
19	3/4“	M 42 x 2	30	89,5	40,0	14,5	50	25,3 x 2,4		DKOS-30-45°-DN 19
25	1“	M 42 x 2	30	98,0	39,5	20,0	50	25,3 x 2,4		DKOS-30-45°-DN 25
25	1“	M 52 x 2	38				60	35 x 2,5		DKOS-38-45°-DN 25
31	1 1/4“	M 52 x 2	38	116,0	47,0	25,0	60	35 x 2,5		DKOS-38-45°-DN 31
38	1 1/2“	M 68 x 2	50	137,0	53,0	31,0	80	46 x 3,0		DKOS-50-45°-DN 38

Mit 24°-Konus für Schneidringverschraubungen
DIN 2353 / DIN EN ISO 8434-1
Leichte Reihe = CEL

For Compression Couplings
DIN 2353 / DIN EN ISO 8434-1 with 24°-Cone
Light Series = CEL

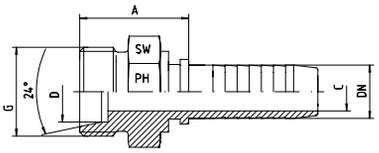


Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**C**	**SW**		
05	3/16“	M 12 x 1,5	6	21,5	3,0	14		CEL-06-DN 05
06	1/4“	M 12 x 1,5	6	23,0	4,0	14		CEL-06-DN 06
05	3/16“	M 14 x 1,5	8	21,5	3,0	14		CEL-08-DN 05
06	1/4“	M 14 x 1,5	8	23,0	4,0	14		CEL-08-DN 06
06	1/4“	M 16 x 1,5	10	25,0	4,0	17		CEL-10-DN 06
08	5/16“	M 16 x 1,5	10	24,5	5,5	17		CEL-10-DN 08
10	3/8“	M 16 x 1,5	10	24,5	7,0	17		CEL-10-DN 10
06	1/4“	M 18 x 1,5	12	24,5	4,0	19		CEL-12-DN 06
08	5/16“	M 18 x 1,5	12	24,5	5,5	19		CEL-12-DN 08
10	3/8“	M 18 x 1,5	12	24,5	7,0	19		CEL-12-DN 10
12	1/2“	M 18 x 1,5	12	25,5	9,5	19		CEL-12-DN 12
10	3/8“	M 22 x 1,5	15	26,0	7,0	22		CEL-15-DN 10
12	1/2“	M 22 x 1,5	15	27,0	9,5	22		CEL-15-DN 12
12	1/2“	M 26 x 1,5	18	29,0	9,5	27		CEL-18-DN 12
16	5/8“	M 26 x 1,5	18	28,0	12,5	27		CEL-18-DN 16
19	3/4“	M 26 x 1,5	18	30,0	14,5	27		CEL-18-DN 19
16	5/8“	M 30 x 2	22	32,5	12,5	30		CEL-22-DN 16
19	3/4“	M 30 x 2	22	35,0	14,5	30		CEL-22-DN 19
25	1“	M 30 x 2	22	32,0	20,0	32		CEL-22-DN 25
19	3/4“	M 36 x 2	28	34,0	19,5	36		CEL-28-DN 19
25	1“	M 36 x 2	28	35,0	20,0	36		CEL-28-DN 25
31	1 1/4“	M 45 x 2	35	39,0	25,5	46		CEL-35-DN 31
38	1 1/2“	M 52 x 2	42	45,0	31,5	55		CEL-42-DN 38
51	2“	M 52 x 2	42	49,0	35,0	60		CEL-42-DN 51

24°- KONUS-AUSSENGEWINDE
24°- MALE-CONE

Mit 24°-Konus für Schneidringverschraubungen
DIN 2353 / DIN EN ISO 8434-1
Schwere Reihe = CES

For Compression Couplings
DIN 2353 / DIN EN ISO 8434-1 with 24°-Cone
Heavy Series = CES



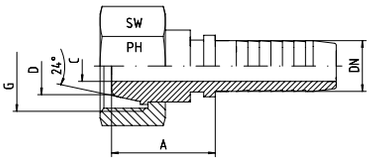
Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**C**	**SW**		
05	3/16“	M 14 x 1,5	6	23,7	3,0	14		CES-06-DN 05
06	1/4“	M 14 x 1,5	6	25,0	4,0	14		CES-06-DN 06
05	3/16“	M 16 x 1,5	8	23,7	3,0	17		CES-08-DN 05
06	1/4“	M 16 x 1,5	8	25,5	4,0	17		CES-08-DN 06
06	1/4“	M 18 x 1,5	10	25,5	4,0	19		CES-10-DN 06
08	5/16“	M 18 x 1,5	10	25,5	5,5	19		CES-10-DN 08
10	3/8“	M 18 x 1,5	10	25,5	7,0	19		CES-10-DN 10
08	5/16“	M 20 x 1,5	12	27,5	5,5	22		CES-12-DN 08
10	3/8“	M 20 x 1,5	12	25,5	7,0	22		CES-12-DN 10
08	5/16“	M 22 x 1,5	14	27,5	5,5	22		CES-14-DN 08
10	3/8“	M 22 x 1,5	14	28,0	7,0	22		CES-14-DN 10
10	3/8“	M 24 x 1,5	16	28,0	7,0	24		CES-16-DN 10
12	1/2“	M 24 x 1,5	16	28,0	9,5	24		CES-16-DN 12
12	1/2“	M 30 x 2	20	33,0	9,5	30		CES-20-DN 12
16	5/8“	M 30 x 2	20	34,0	12,5	30		CES-20-DN 16
19	3/4“	M 30 x 2	20	37,0	14,5	30		CES-20-DN 19
19	3/4“	M 36 x 2	25	40,0	14,5	36		CES-25-DN 19
25	1“	M 36 x 2	25	40,0	20,0	36		CES-25-DN 25
25	1“	M 42 x 2	30	42,5	20,0	46		CES-30-DN 25
31	1 1/4“	M 52 x 2	38	45,0	25,5	55		CES-38-DN 31

Für Gegenanschluss mit 24°- und 60°-Konus
Leichte Reihe
DKL - Gerade
DKLL - Gerade

* Nur für Gegenanschluss mit 60°-Konus

To Interface with 24°- and 60°-Cone
Light Series
DKL - Straight
DKLL - Straight

* Only for Connectors with 60°-Cone



Reihe / Series L

Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**C**	**SW**		
05	3/16“	M 12 x 1,5	6	18,7	3,0	14		DKL-M 12x1,5-DN 05
06	1/4“	M 12 x 1,5	6	20,0	4,0	14		DKL-M 12x1,5-DN 06
06	1/4“	M 14 x 1,5	8	21,0	4,0	17		DKL-M 14x1,5-DN 06
08	5/16“	M 14 x 1,5	8	21,0	5,5	17		DKL-M 14x1,5-DN 08
06	1/4“	M 16 x 1,5	10	21,5	4,0	19		DKL-M 16x1,5-DN 06
08	5/16“	M 16 x 1,5	10	22,0	5,5	19		DKL-M 16x1,5-DN 08
10	3/8“	M 16 x 1,5	10	23,5	7,0	19		DKL-M 16x1,5-DN 10
06	1/4“	M 18 x 1,5	12		4,0	22		DKL-M 18x1,5-DN 06
08	5/16“	M 18 x 1,5	12	22,5	5,5	22		DKL-M 18x1,5-DN 08
10	3/8“	M 18 x 1,5	12	23,0	7,0	22		DKL-M 18x1,5-DN 10
10	3/8“	M 22 x 1,5	15	23,5	7,0	27		DKL-M 22x1,5-DN 10
12	1/2“	M 22 x 1,5	15	23,5	9,5	27		DKL-M 22x1,5-DN 12
16	5/8“	M 26 x 1,5	18	25,5	12,5	32		DKL-M 26x1,5-DN 16
19	3/4“	M 30 x 2	22	29,0	14,5	36		DKL-M 30x2-DN 19
25	1“	M 36 x 2	28	31,0	20,0	41		DKL-M 36x2-DN 25
31	1 1/4“	M 45 x 2	35	33,0	25,5	50		DKL-M 45x2-DN 31
38	1 1/2“	M 52 x 2	42	33,0	31,5	60		DKL-M 52x2-DN 38

Reihe / Series LL

Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**C**	**SW**		
19	3/4“	M 30 x 1,5*		29,0	14,5	36		DKLL-M 30x1,5-DN 19
25	1“	M 38 x 1,5*		31,0	20,0	46		DKLL-M 38x1,5-DN 25
31	1 1/4“	M 45 x 1,5*		33,0	25,5	55		DKLL-M 45x1,5-DN 31
38	1 1/2“	M 52 x 1,5*		33,0	31,5	60		DKLL-M 52x1,5-DN 38
51	2“	M 65 x 2*		37,5	43,0	75		DKLL-M 65x2-DN 51
60	2 3/8“	M 78 x 2*		32,0	51,0	90		DKLL-M 78x2-DN 60
80	3“	M 100 x 2*		52,5	73,0	110		DKLL-M 100x2-DN 80

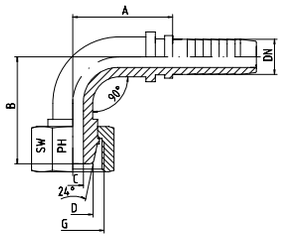
UNIVERSAL - DICHTKEGEL
UNIVERSAL - CONE - INSERT

Für Gegenanschluss mit 24°- und 60°-Konus
Leichte Reihe
DKL - 90°-Bogen
DKLL - 90°-Bogen

** Nur für Gegenanschluss mit 60°-Konus

To Interface Connectors with 24°- and 60°-Cone
Light Series
DKL - 90°-Elbow
DKLL - 90°-Elbow

* Only for Connectors with 60°-Cone



Reihe / Series L

Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	G	D	A	B	C	SW		
05	3/16“	M 12 x 1,5	6	29,0	33,0	3,0	14		DKL-M 12x1,5-90°-DN 05
06	1/4“	M 12 x 1,5	6	29,0	28,0	4,0	14		DKL-M 12x1,5-90°-DN 06
06	1/4“	M 14 x 1,5	8	28,5	27,0	4,0	17		DKL-M 14x1,5-90°-DN 06
08	5/16“	M 14 x 1,5	8	35,5	41,0	5,5	17		DKL-M 14x1,5-90°-DN 08
06	1/4“	M 16 x 1,5	10	30,5	27,0	4,0	19		DKL-M 16x1,5-90°-DN 06
08	5/16“	M 16 x 1,5	10	32,5	35,0	5,5	19		DKL-M 16x1,5-90°-DN 08
10	3/8“	M 16 x 1,5	10	35,0	33,0	7,0	19		DKL-M 16x1,5-90°-DN 10
08	5/16“	M 18 x 1,5	12	34,0	36,0	5,5	22		DKL-M 18x1,5-90°-DN 08
10	3/8“	M 18 x 1,5	12	34,5	35,0	7,0	22		DKL-M 18x1,5-90°-DN 10
10	3/8“	M 22 x 1,5	15	41,0	39,0	7,0	27		DKL-M 22x1,5-90°-DN 10
12	1/2“	M 22 x 1,5	15	44,0	40,0	9,5	27		DKL-M 22x1,5-90°-DN 12
16	5/8“	M 26 x 1,5	18	55,0	49,0	12,5	32		DKL-M 26x1,5-90°-DN 16
19	3/4“	M 30 x 2	22	61,0	53,0	14,5	36		DKL-M 30x2-90°-DN 19
25	1“	M 36 x 2	28	80,0	67,5	20,0	41		DKL-M 36x2-90°-DN 25
31	1 1/4“	M 45 x 2	35	87,0	81,0	25,0	50		DKL-M 45x2-90°-DN 31
38	1 1/2“	M 52 x 2	42	104,0	100,0	31,5	60		DKL-M 52x2-90°-DN 38

Reihe / Series LL

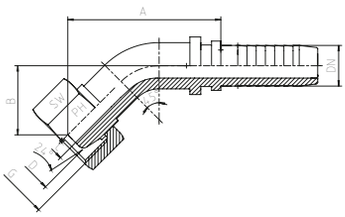
Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bestellzeichen Order-Code
DN	in.	G	D	A	B	C	SW	
19	3/4“	M 30 x 1,5**		61,0	53,0	14,5	36	DKLL-M 30x1,5-90°-DN 19
25	1“	M 38 x 1,5**		80,0	67,5	20,0	46	DKLL-M 38x1,5-90°-DN 25
31	1 1/4“	M 45 x 1,5**		87,0	81,0	25,0	55	DKLL-M 45x1,5-90°-DN 31
38	1 1/2“	M 52 x 1,5**		104,0	100,0	31,0	60	DKLL-M 52x1,5-90°-DN 38
51	2“	M 65 x 2**		145,0	127,0	40,0	75	DKLL-M 65x2-90°-DN 51
60	2 3/8“	M 78 x 2**					90	DKLL-M 78x2-90°-DN 60
80	3“	M 100 x 2**					110	DKLL-M 100x2-90°-DN 80

Für Gegenanschluss mit 24°- und 60°-Konus
Leichte Reihe
DKL - 45°-Bogen
DKLL - 45°-Bogen

* Nur für Gegenanschluss mit 60°-Konus

To Interface with 24°- and 60°-Cone
Light Series
DKL - 45°-Elbow
DKLL - 45°-Elbow

* Only for Connectors with 60°-Cone



Reihe / Series L

Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**B**	**C**	**SW**		
05	3/16“					3,0	14		DKL-M 12x1,5-45°-DN 05
06	1/4“	M 12 x 1,5	6	37,0	14,0	4,0	14		DKL-M 12x1,5-45°-DN 06
06	1/4“	M 14 x 1,5	8	35,0	14,5	4,0	17		DKL-M 14x1,5-45°-DN 06
08	5/16“	M 14 x 1,5	8	49,5	23,0	5,5	17		DKL-M 14x1,5-45°-DN 08
06	1/4“	M 16 x 1,5	10				19		DKL-M 16x1,5-45°-DN 06
08	5/16“	M 16 x 1,5	10	43,0	17,0	5,5	19		DKL-M 16x1,5-45°-DN 08
10	3/8“	M 16 x 1,5	10	43,0	17,0	7,0	19		DKL-M 16x1,5-45°-DN 10
08	5/16“	M 18 x 1,5	12				22		DKL-M 18x1,5-45°-DN 08
10	3/8“	M 18 x 1,5	12	43,5	18,5	7,0	22		DKL-M 18x1,5-45°-DN 10
10	3/8“	M 22 x 1,5	15				27		DKL-M 22x1,5-45°-DN 10
12	1/2“	M 22 x 1,5	15	53,0	19,0	9,5	27		DKL-M 22x1,5-45°-DN 12
16	5/8“	M 26 x 1,5	18	59,0	23,0	12,5	32		DKL-M 26x1,5-45°-DN 16
19	3/4“	M 30 x 2	22	70,0	25,0	14,5	36		DKL-M 30x2-45°-DN 19
25	1“	M 36 x 2	28	90,0	32,0	20,0	41		DKL-M 36x2-45°-DN 25
31	1 1/4“	M 45 x 2	35	100,0	36,5	25,0	50		DKL-M 45x2-45°-DN 31
38	1 1/2“	M 52 x 2	42	111,0	43,5	31,0	60		DKL-M 52x2-45°-DN 38

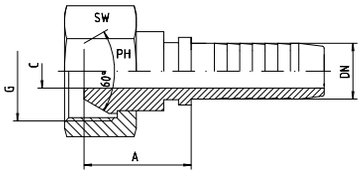
Reihe / Series LL

Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**B**	**C**	**SW**	
19	3/4“	M 30 x 1,5*		70,0	25,0	14,5	36	DKLL-M 30x1,5-45°-DN 19
25	1“	M 38 x 1,5*		90,0	32,0	20,0	46	DKLL-M 38x1,5-45°-DN 25
31	1 1/4“	M 45 x 1,5*		100,0	36,5	25,0	55	DKLL-M 45x1,5-45°-DN 31
38	1 1/2“	M 52 x 1,5*		111,0	43,5	31,0	60	DKLL-M 52x1,5-45°-DN 38
51	2“	M 65 x 2*		147,0	52,5	40,0	75	DKLL-M 65x2-45°-DN 51
60	2 3/8“	M 78 x 2*					90	DKLL-M 78x2-45°-DN 60
80	3“	M 100 x 2*					110	DKLL-M 100x2-45°-DN 80

60°- DICHTKEGEL
60°- CONE

Mit BSP Überwurfmutter
Für Gegenanschluss mit 60°-Konus
DKR - Gerade

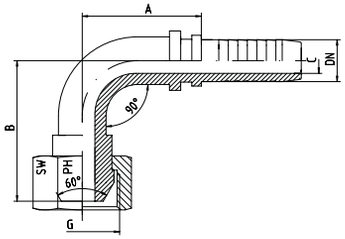
With BSP Union Nut
To Interface with 60°-Cone
DKR - Straight



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**C**	**SW**		
05	3/16“	1/8“-28	16,0	3,0	14		DKR-1/8“-DN 05
06	1/4“	1/8“-28	15,5	4,0	14		DKR-1/8“-DN 06
05	3/16“	1/4“-19	20,0	3,0	17		DKR-1/4“-DN 05
06	1/4“	1/4“-19	21,0	4,0	17		DKR-1/4“-DN 06
08	5/16“	1/4“-19	20,0	5,0	19		DKR-1/4“-DN 08
10	3/8“	1/4“-19	20,0	5,0	19		DKR-1/4“-DN 10
06	1/4“	3/8“-19	20,0	4,0	19		DKR-3/8“-DN 06
08	5/16“	3/8“-19	20,5	5,5	19		DKR-3/8“-DN 08
10	3/8“	3/8“-19	20,5	7,0	19		DKR-3/8“-DN 10
12	1/2“	3/8“-19	24,0	9,5	22		DKR-3/8“-DN 12
06	1/4“	1/2“-14	24,0	4,0	27		DKR-1/2“-DN 06
08	5/16“	1/2“-14	21,5	5,5	27		DKR-1/2“-DN 08
10	3/8“	1/2“-14	21,5	7,0	27		DKR-1/2“-DN 10
12	1/2“	1/2“-14	23,5	9,5	27		DKR-1/2“-DN 12
16	5/8“	1/2“-14	21,0	11,5	27		DKR-1/2“-DN 16
19	3/4“	1/2“-14	23,0	11,5	27		DKR-1/2“-DN 19
12	1/2“	5/8“-14	23,0	9,5	27		DKR-5/8“-DN 12
16	5/8“	5/8“-14	22,0	12,5	27		DKR-5/8“-DN 16
06	1/4“	3/4“-14	23,2	4,0	32		DKR-3/4“-DN 06
12	1/2“	3/4“-14	24,0	9,5	32		DKR-3/4“-DN 12
16	5/8“	3/4“-14	25,0	12,5	32		DKR-3/4“-DN 16
19	3/4“	3/4“-14	26,5	14,5	32		DKR-3/4“-DN 19
25	1“	3/4“-14	25,0	16,5	32		DKR-3/4“-DN 25
19	3/4“	1“-11	27,0	14,5	41		DKR-1“-DN 19
25	1“	1“-11	28,0	20,0	41		DKR-1“-DN 25
31	1 1/4“	1“-11	30,0	21,5	41		DKR-1“-DN 31
19	3/4“	1 1/4“-11	33,5	14,5	50		DKR-1 1/4“-DN 19
25	1“	1 1/4“-11	32,5	20,0	50		DKR-1 1/4“-DN 25
31	1 1/4“	1 1/4“-11	31,0	25,5	50		DKR-1 1/4“-DN 31
31	1 1/4“	1 1/2“-11	46,0	25,5	55		DKR-1 1/2“-DN 31
38	1 1/2“	1 1/2“-11	46,0	31,5	55		DKR-1 1/2“-DN 38
38	1 1/2“	2“-11	35,0	31,5	70		DKR-2“-DN 38
51	2“	2“-11	35,0	43,0	70		DKR-2“-DN 51

Mit BSP Überwurfmutter
Für Gegenanschluss mit 60°-Konus
DKR - 90°-Bogen

With BSP Union Nut
To Interface with 60°-Cone
DKR - 90°-Elbow

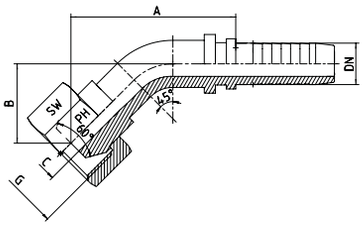


Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	G	A	B	C	SW		
05	3/16“	1/8“-28	28,0	29,0	3,0	14		DKR-1/8“-90°-DN 05
06	1/4“	1/8“-28	28,5	30,0	4,0	14		DKR-1/8“-90°-DN 06
05	3/16“	1/4“-19	29,0	27,5	3,0	17		DKR-1/4“-90°-DN 05
06	1/4“	1/4“-19	28,5	28,0	4,0	17		DKR-1/4“-90°-DN 06
08	5/16“	1/4“-19	36,0	36,0	5,5	19		DKR-1/4“-90°-DN 08
10	3/8“	1/4“-19	34,0	39,0	6,0	19		DKR-1/4“-90°-DN 10
06	1/4“	3/8“-19	29,0	26,0	4,0	19		DKR-3/8“-90°-DN 06
08	5/16“	3/8“-19	33,0	34,0	5,5	19		DKR-3/8“-90°-DN 08
10	3/8“	3/8“-19	33,0	34,0	7,0	19		DKR-3/8“-90°-DN 10
12	1/2“	3/8“-19	44,0	47,5	9,0	22		DKR-3/8“-90°-DN 12
06	1/4“	1/2“-14	42,0	37,0	4,0	27		DKR-1/2“-90°-DN 06
10	3/8“	1/2“-14	44,0	42,5	7,0	27		DKR-1/2“-90°-DN 10
12	1/2“	1/2“-14	44,0	42,5	9,5	27		DKR-1/2“-90°-DN 12
16	5/8“	1/2“-14	58,0	53,0	12,5	27		DKR-1/2“-90°-DN 16
12	1/2“	5/8“-14	44,0	50,5	9,5	27		DKR-5/8“-90°-DN 12
16	5/8“	5/8“-14	55,0	54,0	12,5	27		DKR-5/8“-90°-DN 16
12	1/2“	3/4“-14	47,5	43,0	9,5	32		DKR-3/4“-90°-DN 12
16	5/8“	3/4“-14	56,0	54,0	12,5	32		DKR-3/4“-90°-DN 16
19	3/4“	3/4“-14	61,0	54,0	14,5	32		DKR-3/4“-90°-DN 19
19	3/4“	1“-11	78,0	69,0	14,5	41		DKR-1“-90°-DN 19
25	1“	1“-11	78,0	69,0	20,0	41		DKR-1“-90°-DN 25
25	1“	1 1/4“-11	82,0	81,0	20,0	50		DKR-1 1/4“-90°-DN 25
31	1 1/4“	1 1/4“-11	87,0	81,0	25,0	50		DKR-1 1/4“-90°-DN 31
31	1 1/4“	1 1/2“-11	125,0	103,0	25,0	55		DKR-1 1/2“-90°-DN 31
38	1 1/2“	1 1/2“-11	104,0	102,0	31,0	55		DKR-1 1/2“-90°-DN 38
51	2“	2“-11	142,0	130,0	40,0	70		DKR-2“-90°-DN 51

60°- DICHTKEGEL
60°- CONE

Mit BSP Überwurfmutter
Für Gegenanschluss mit 60°-Konus
DKR - 45°-Bogen

With BSP Union Nut
To Interface with 60°-Cone
DKR - 45°-Elbow

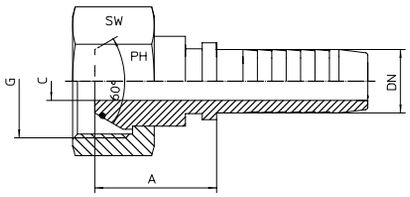


Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**B**	**C**	**SW**		
05	3/16“	1/8“-28	37,0	16,0	3,0	14		DKR-1/8“-45°-DN 05
06	1/4“	1/8“-28	39,0	16,0	4,0	14		DKR-1/8“-45°-DN 06
05	3/16“	1/4“-19	36,5	15,0	3,0	17		DKR-1/4“-45°-DN 05
06	1/4“	1/4“-19	36,5	15,0	4,0	17		DKR-1/4“-45°-DN 06
08	5/16“	1/4“-19	47,0	20,0	5,5	19		DKR-1/4“-45°-DN 08
10	3/8“	1/4“-19	44,0	22,5	6,0	19		DKR-1/4“-45°-DN 10
06	1/4“	3/8“-19	34,0	16,0	4,0	19		DKR-3/8“-45°-DN 06
08	5/16“	3/8“-19	40,0	15,0	5,5	19		DKR-3/8“-45°-DN 08
10	3/8“	3/8“-19	40,0	15,0	7,0	19		DKR-3/8“-45°-DN 10
12	1/2“	3/8“-19	58,5	25,5	9,5	22		DKR-3/8“-45°-DN 12
06	1/4“	1/2“-14			4,0	27		DKR-1/2“-45°-DN 06
10	3/8“	1/2“-14	54,0	20,5	7,0	27		DKR-1/2“-45°-DN 10
12	1/2“	1/2“-14	54,0	20,5	9,5	27		DKR-1/2“-45°-DN 12
16	5/8“	1/2“-14	64,0	27,0	12,5	27		DKR-1/2“-45°-DN 16
12	1/2“	5/8“-14	64,5	29,0	9,5	27		DKR-5/8“-45°-DN 12
16	5/8“	5/8“-14	68,0	28,0	12,5	27		DKR-5/8“-45°-DN 16
12	1/2“	3/4“-14	60,0	27,0	9,5	32		DKR-3/4“-45°-DN 12
16	5/8“	3/4“-14	63,5	28,0	12,5	32		DKR-3/4“-45°-DN 16
19	3/4“	3/4“-14	63,0	31,0	14,5	32		DKR-3/4“-45°-DN 19
19	3/4“	1“-11	77,0	26,0	14,5	41		DKR-1“-45°-DN 19
25	1“	1“-11	95,0	39,5	20,0	41		DKR-1“-45°-DN 25
25	1“	1 1/4“-11	94,0	40,0	20,0	50		DKR-1 1/4“-45°-DN 25
31	1 1/4“	1 1/4“-11	100,0	40,0	25,0	50		DKR-1 1/4“-45°-DN 31
31	1 1/4“	1 1/2“-11	145,0	53,0	25,0	55		DKR-1 1/2“-45°-DN 31
38	1 1/2“	1 1/2“-11	115,0	55,0	31,0	55		DKR-1 1/2“-45°-DN 38
51	2“	2“-11	149,0	57,0	40,0	70		DKR-2“-45°-DN 51

60°- DICHTKEGEL MIT O-RING
60°- CONE WITH O-RING

Mit BSP Überwurfmutter
Für Gegenanschluss mit 60°-Konus
DKOR - Gerade
O-Ring = FPM
Auf Anfrage = NBR

With BSP Union Nut
To Interface with 60°-Cone
DKOR - Straight
O-Ring = FPM
On Request = NBR

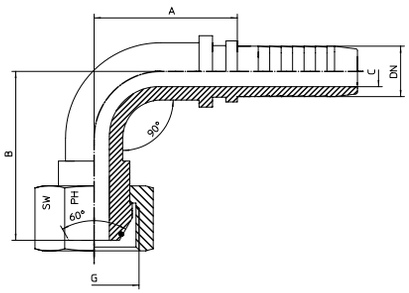


Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	G	A	C	SW			
06	1/4“	1/4“-19	15,5	4,0	14	6 x 1,2		DKOR-1/4“-DN 06
08	5/16“	3/8“-19	20,5	5,5	19	9 x 1,0		DKOR-3/8“-DN 08
10	3/8“	3/8“-19	20,5	7,0	19	9 x 1,0		DKOR-3/8“-DN 10
10	3/8“	1/2“-14	21,5	7,0	27	13 x 1,0		DKOR-1/2“-DN 10
12	1/2“	1/2“-14	23,5	9,5	27	13 x 1,0		DKOR-1/2“-DN 12
12	1/2“	3/4“-14	23,0	9,5	32	17 x 1,5		DKOR-3/4“-DN 12
19	3/4“	3/4“-14	26,5	14,5	32	17 x 1,5		DKOR-3/4“-DN 19
25	1“	1“-11	28,0	20,0	41	22 x 1,0		DKOR-1“-DN 25
31	1 1/4“	1 1/4“-11	31,0	25,5	50	29 x 1,5		DKOR-1 1/4“-DN 31
38	1 1/2“	1 1/2“-11	46,0	31,5	55	34 x 1,5		DKOR-1 1/2“-DN 38
51	2“	2“-11	35,0	43,0	70	48 x 1,5		DKOR-2“-DN 51
60	2 3/8“	2 1/2“-11	44,0	51,0	85	58 x 2,0		DKOR-2 1/2“-DN 60
63	2 1/2“	2 1/2“-11	48,5	55,5	85	58 x 2,0		DKOR-2 1/2“-DN 63

60°- DICHTKEGEL MIT O-RING
60°- CONE WITH O-RING

Mit BSP Überwurfmutter
Für Gegenanschluss mit 60°-Konus
DKOR - 90°-Bogen
O-Ring = FPM
Auf Anfrage = NBR

With BSP Union Nut
To Interface with 60°-Cone
DKOR - 90°-Elbow
O-Ring = FPM
On Request = NBR

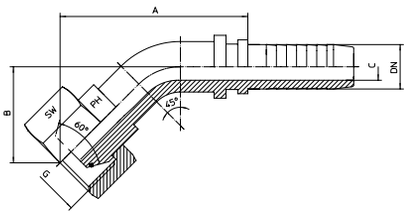


Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**B**	**C**	**SW**		
06	1/4“	1/4“-19	28,5	28,0	4,0	17	6 x 1,2	DKOR-1/4“-90°-DN 06
08	5/16“	3/8“-19	33,0	34,0	5,5	19	9 x 1,0	DKOR-3/8“-90°-DN 08
10	3/8“	3/8“-19	33,0	34,0	7,0	19	9 x 1,0	DKOR-3/8“-90°-DN 10
10	3/8“	1/2“-14	44,0	42,5	7,0	27	13 x 1,0	DKOR-1/2“-90°-DN 10
12	1/2“	1/2“-14	44,0	42,5	9,5	27	13 x 1,0	DKOR-1/2“-90°-DN 12
19	3/4“	3/4“-14	61,0	54,0	14,5	32	17 x 1,5	DKOR-3/4“-90°-DN 19
25	1“	1“-11	78,0	69,0	20,0	41	22 x 1,0	DKOR-1“-90°-DN 25
31	1 1/4“	1 1/4“-11	87,0	81,0	25,0	50	29 x 1,5	DKOR-1 1/4“-90°-DN 31
38	1 1/2“	1 1/2“-11	104,0	102,0	31,0	55	34 x 1,5	DKOR-1 1/2“-90°-DN 38
38	1 1/2“	2“-11	120,0	120,0	31,0	70	48 x 1,5	DKOR-2“-90°-DN 38
51	2“	2“-11	142,0	130,0	40,0	70	48 x 1,5	DKOR-2“-90°-DN 51
60	2 3/8“	2 1/2“-11					58 x 2,0	DKOR-2 1/2“-90°-DN 60
63	2 1/2“	2 1/2“-11					58 x 2,0	DKOR-2 1/2“-90°-DN 63

60°- DICHTKEGEL MIT O-RING
60°- CONE WITH O-RING

Mit BSP Überwurfmutter
Für Gegenanschluss mit 60°-Konus
DKOR - 45°-Bogen
O-Ring = FPM
Auf Anfrage = NBR

With BSP Union Nut
To Interface with 60°-Cone
DKOR - 45°-Elbow
O-Ring = FPM
On Request = NBR

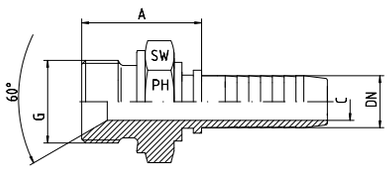


Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**B**	**C**	**SW**		
06	1/4“	1/4“-19	36,5	15,0	4,0	17	6 x 1,2	DKOR-1/4“-45°-DN 06
08	5/16“	3/8“-19	40,0	15,0	5,5	19	9 x 1,0	DKOR-3/8“-45°-DN 08
10	3/8“	3/8“-19	40,0	15,0	7,0	19	9 x 1,0	DKOR-3/8“-45°-DN 10
10	3/8“	1/2“-14	54,0	20,5	7,0	27	13 x 1,0	DKOR-1/2“-45°-DN 10
12	1/2“	1/2“-14	54,0	20,5	9,5	27	13 x 1,0	DKOR-1/2“-45°-DN 12
12	1/2“	3/4“-14	58,0	27,0	9,5	32	17 x 1,5	DKOR-3/4“-45°-DN 12
19	3/4“	3/4“-14	70,0	30,0	14,5	32	17 x 1,5	DKOR-3/4“-45°-DN 19
25	1“	1“-11	95,0	39,5	20,0	41	22 x 1,0	DKOR-1“-45°-DN 25
31	1 1/4“	1 1/4“-11	100,0	40,0	25,0	50	29 x 1,5	DKOR-1 1/4“-45°-DN 31
38	1 1/2“	1 1/2“-11	115,0	55,0	31,0	55	34 x 1,5	DKOR-1 1/2“-45°-DN 38
38	1 1/2“	2“-11	143,0	60,0	31,0	70	48 x 1,5	DKOR-2“-45°-DN 38
51	2“	2“-11	149,0	57,0	40,0	70	48 x 1,5	DKOR-2“-45°-DN 51
60	2 3/8“	2 1/2“-11					58 x 2,0	DKOR-2 1/2“-45°-DN 60
63	2 1/2“	2 1/2“-11					58 x 2,0	DKOR-2 1/2“-45°-DN 63

60°- KONUS - AUSSENGEWINDE
60°- MALE - CONE

Mit 60°-Innenkonus und angedrehter Dichtkante Form B
Gewinde: BSP - Zylindrisch

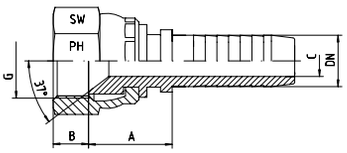
With 60°-Cone and Sealing Shoulder
Form B
Thread: BSP - Parallel



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**C**	**SW**		
05	3/16“	1/8“-28	21,5	3,0	14		AGR-1/8“-DN 05
06	1/4“	1/8“-28	23,5	4,0	14		AGR-1/8“-DN 06
05	3/16“	1/4“-19	25,0	3,0	19		AGR-1/4“-DN 05
06	1/4“	1/4“-19	25,5	4,0	19		AGR-1/4“-DN 06
08	5/16“	1/4“-19	28,0	5,5	19		AGR-1/4“-DN 08
10	3/8“	1/4“-19	28,0	6,0	19		AGR-1/4“-DN 10
12	1/2“	1/4“-19	27,0	7,0	19		AGR-1/4“-DN 12
06	1/4“	3/8“-19	30,5	4,0	22		AGR-3/8“-DN 06
08	5/16“	3/8“-19	26,5	5,5	22		AGR-3/8“-DN 08
10	3/8“	3/8“-19	30,0	7,0	22		AGR-3/8“-DN 10
12	1/2“	3/8“-19	30,5	9,5	22		AGR-3/8“-DN 12
06	1/4“	1/2“-14	34,5	4,0	27		AGR-1/2“-DN 06
08	5/16“	1/2“-14	31,5	5,5	27		AGR-1/2“-DN 08
10	3/8“	1/2“-14	32,0	7,0	27		AGR-1/2“-DN 10
12	1/2“	1/2“-14	31,0	9,5	27		AGR-1/2“-DN 12
16	5/8“	1/2“-14	32,0	12,5	27		AGR-1/2“-DN 16
19	3/4“	1/2“-14	37,5	14,5	27		AGR-1/2“-DN 19
16	5/8“	5/8“-14	32,5	12,5	30		AGR-5/8“-DN 16
12	1/2“	3/4“-14	34,5	9,5	32		AGR-3/4“-DN 12
16	5/8“	3/4“-14	35,0	12,5	32		AGR-3/4“-DN 16
19	3/4“	3/4“-14	38,0	14,5	32		AGR-3/4“-DN 19
25	1“	3/4“-14	38,0	19,5	36		AGR-3/4“-DN 25
19	3/4“	1“-11	41,5	14,5	41		AGR-1“-DN 19
25	1“	1“-11	42,0	20,0	41		AGR-1“-DN 25
31	1 1/4“	1“-11	42,0	25,5	41		AGR-1“-DN 31
25	1“	1 1/4“-11	45,0	20,0	50		AGR-1 1/4“-DN 25
31	1 1/4“	1 1/4“-11	45,0	25,5	50		AGR-1 1/4“-DN 31
31	1 1/4“	1 1/2“-11	45,0	25,5	55		AGR-1 1/2“-DN 31
38	1 1/2“	1 1/2“-11	48,0	31,5	55		AGR-1 1/2“-DN 38
51	2“	2“-11	50,0	41,0	70		AGR-2“-DN 51

Mit Überwurfmutter
Gerade

With Nut
Straight

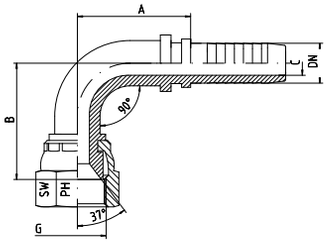


Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**B**	**C**	**SW**		
05	3/16“	7/16“-20	16,2	7,5	3,0	17		DKJ-7/16“-DN 05
06	1/4“	7/16“-20	16,2	7,5	4,0	17		DKJ-7/16“-DN 06
10	3/8“	7/16“-20	17,5	7,5	7,0	17		DKJ-7/16“-DN 10
05	3/16“	1/2“-20	16,2	9,5	3,0	17		DKJ-1/2“-DN 05
06	1/4“	1/2“-20	16,0	9,5	4,0	17		DKJ-1/2“-DN 06
08	5/16“	1/2“-20	19,0	8,5	5,5	17		DKJ-1/2“-DN 08
10	3/8“	1/2“-20	17,5	8,5	5,0	17		DKJ-1/2“-DN 10
05	3/16“	9/16“-18	18,0	9,5	3,0	19		DKJ-9/16“-DN 05
06	1/4“	9/16“-18	18,5	8,5	4,0	19		DKJ-9/16“-DN 06
08	5/16“	9/16“-18	16,5	10,0	5,5	19		DKJ-9/16“-DN 08
10	3/8“	9/16“-18	19,0	8,5	7,0	19		DKJ-9/16“-DN 10
12	1/2“	9/16“-18	18,0	8,5	7,5	19		DKJ-9/16“-DN 12
06	1/4“	3/4“-16	21,0	10,0	4,0	24		DKJ-3/4“-DN 06
08	5/16“	3/4“-16	19,0	10,0	5,5	24		DKJ-3/4“-DN 08
10	3/8“	3/4“-16	19,0	10,0	7,0	24		DKJ-3/4“-DN 10
12	1/2“	3/4“-16	20,0	10,0	9,5	24		DKJ-3/4“-DN 12
16	5/8“	3/4“-16	20,0	11,5	9,5	24		DKJ-3/4“-DN 16
19	3/4“	3/4“-16	23,0	11,0	10,0	24		DKJ-3/4“-DN 19
10	3/8“	7/8“-14	23,5	12,5	7,0	27		DKJ-7/8“-DN 10
12	1/2“	7/8“-14	20,0	11,5	9,5	27		DKJ-7/8“-DN 12
16	5/8“	7/8“-14	21,0	11,5	12,5	27		DKJ-7/8“-DN 16
19	3/4“	7/8“-14	23,0	12,5	12,5	27		DKJ-7/8“-DN 19
12	1/2“	1 1/16“-12	22,0	15,0	9,5	32		DKJ-1 1/16“-DN 12
16	5/8“	1 1/16“-12	24,0	14,0	12,5	32		DKJ-1 1/16“-DN 16
19	3/4“	1 1/16“-12	22,0	15,0	14,5	32		DKJ-1 1/16“-DN 19
25	1“	1 1/16“-12	23,0	14,5	20,0	32		DKJ-1 1/16“-DN 25
16	5/8“	1 5/16“-12	26,5	14,5	12,5	41		DKJ-1 5/16“-DN 16
19	3/4“	1 5/16“-12	29,5	14,0	14,5	41		DKJ-1 5/16“-DN 19
25	1“	1 5/16“-12	28,0	14,0	20,0	41		DKJ-1 5/16“-DN 25
31	1 1/4“	1 5/16“-12	28,0	14,0	19,0	41		DKJ-1 5/16“-DN 31
25	1“	1 5/8“-12	32,5	15,5	20,0	50		DKJ-1 5/8“-DN 25
31	1 1/4“	1 5/8“-12	27,5	15,5	25,5	50		DKJ-1 5/8“-DN 31
31	1 1/4“	1 7/8“-12	31,5	20,0	25,5	55		DKJ-1 7/8“-DN 31
38	1 1/2“	1 7/8“-12	31,0	18,5	31,5	55		DKJ-1 7/8“-DN 38
38	1 1/2“	2 1/2“-12	43,0	25,0	31,5	70		DKJ-2 1/2“-DN 38
51	2“	2 1/2“-12	45,5	25,0	43,0	70		DKJ-2 1/2“-DN 51

37°- (JIC) - DICHTKONUS
37°- (JIC) - CONE

Mit Überwurfmutter
90°

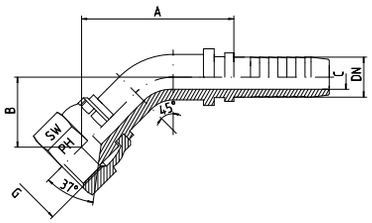
With Nut
90°



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**B**	**C**	**SW**		
05	3/16“	7/16“-20	29,0	29,0	3,0	17		DKJ-7/16“-90°-DN 05
06	1/4“	7/16“-20	27,5	31,0	4,0	17		DKJ-7/16“-90°-DN 06
05	3/16“	1/2“-20	29,0	29,0	3,0	17		DKJ-1/2“-90°-DN 05
06	1/4“	1/2“-20	27,5	31,0	4,0	17		DKJ-1/2“-90°-DN 06
08	5/16“	1/2“-20	26,0	32,0	5,5	17		DKJ-1/2“-90°-DN 08
05	3/16“	9/16“-18	29,0	27,0	3,0	19		DKJ-9/16“-90°-DN 05
06	1/4“	9/16“-18	27,5	26,0	4,0	19		DKJ-9/16“-90°-DN 06
08	5/16“	9/16“-18	35,5	36,0	5,5	19		DKJ-9/16“-90°-DN 08
10	3/8“	9/16“-18	36,0	35,0	7,0	19		DKJ-9/16“-90°-DN 10
10	3/8“	3/4“-16	36,0	30,5	7,0	22		DKJ-3/4“-90°-DN 10
12	1/2“	3/4“-16	43,0	45,0	9,5	24		DKJ-3/4“-90°-DN 12
10	3/8“	7/8“-14	42,5	38,0	7,0	27		DKJ-7/8“-90°-DN 10
12	1/2“	7/8“-14	43,0	46,5	9,5	27		DKJ-7/8“-90°-DN 12
16	5/8“	7/8“-14	56,5	55,5	12,5	27		DKJ-7/8“-90°-DN 16
12	1/2“	1 1/16“-12	45,5	60,5	9,5	32		DKJ-1 1/16“-90°-DN 12
16	5/8“	1 1/16“-12	58,0	51,5	12,5	32		DKJ-1 1/16“-90°-DN 16
19	3/4“	1 1/16“-12	58,5	61,5	14,5	32		DKJ-1 1/16“-90°-DN 19
19	3/4“	1 5/16“-12	68,0	66,0	14,5	41		DKJ-1 5/16“-90°-DN 19
25	1“	1 5/16“-12	80,0	73,5	20,0	41		DKJ-1 5/16“-90°-DN 25
25	1“	1 5/8“-12	105,0	94,5	20,0	50		DKJ-1 5/8“-90°-DN 25
31	1 1/4“	1 5/8“-12	101,0	94,0	25,0	50		DKJ-1 5/8“-90°-DN 31
31	1 1/4“	1 7/8“-12	127,0	95,0	25,0	55		DKJ-1 7/8“-90°-DN 31
38	1 1/2“	1 7/8“-12	104,5	103,0	31,5	55		DKJ-1 7/8“-90°-DN 38
38	1 1/2“	2 1/2“-12	121,0	123,0	31,5	70		DKJ-2 1/2“-90°-DN 38
51	2“	2 1/2“-12	149,0	150,0	42,0	70		DKJ-2 1/2“-90°-DN 51

Mit Überwurfmutter
45°

With Nut
45°

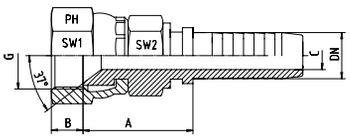


Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**B**	**C**	**SW**		
05	3/16“	7/16“-20	38,0	16,5	3,0	17		DKJ-7/16“-45°-DN 05
06	1/4“	7/16“-20	38,0	16,5	4,0	17		DKJ-7/16“-45°-DN 06
05	3/16“	1/2“-20			3,0	17		DKJ-1/2“-45°-DN 05
06	1/4“	1/2“-20	36,0	15,5	4,0	17		DKJ-1/2“-45°-DN 06
08	5/16“	1/2“-20	38,5	17,0	5,5	17		DKJ-1/2“-45°-DN 08
05	3/16“	9/16“-18			3,0	19		DKJ-9/16“-45°-DN 05
06	1/4“	9/16“-18	34,5	14,5	4,0	19		DKJ-9/16“-45°-DN 06
08	5/16“	9/16“-18	44,5	20,0	5,5	19		DKJ-9/16“-45°-DN 08
10	3/8“	9/16“-18	47,0	20,0	7,0	19		DKJ-9/16“-45°-DN 10
10	3/8“	3/4“-16	42,0	18,5	7,0	22		DKJ-3/4“-45°-DN 10
12	1/2“	3/4“-16	57,0	22,5	9,5	24		DKJ-3/4“-45°-DN 12
10	3/8“	7/8“-14	50,5	20,0	7,0	27		DKJ-7/8“-45°-DN 10
12	1/2“	7/8“-14	59,0	22,0	9,5	27		DKJ-7/8“-45°-DN 12
16	5/8“	7/8“-14	66,0	27,0	12,5	27		DKJ-7/8“-45°-DN 16
12	1/2“	1 1/16“-12	66,0	33,0	9,5	32		DKJ-1 1/16“-45°-DN 12
16	5/8“	1 1/16“-12	67,0	26,5	12,5	32		DKJ-1 1/16“-45°-DN 16
19	3/4“	1 1/16“-12	67,5	33,0	14,5	32		DKJ-1 1/16“-45°-DN 19
19	3/4“	1 5/16“-12	82,0	32,5	14,5	41		DKJ-1 5/16“-45°-DN 19
25	1“	1 5/16“-12	97,0	38,0	20,0	41		DKJ-1 5/16“-45°-DN 25
25	1“	1 5/8“-12	123,0	50,5	20,0	50		DKJ-1 5/8“-45°-DN 25
31	1 1/4“	1 5/8“-12	115,0	50,0	25,0	50		DKJ-1 5/8“-45°-DN 31
31	1 1/4“	1 7/8“-12	144,0	49,0	25,0	55		DKJ-1 7/8“-45°-DN 31
38	1 1/2“	1 7/8“-12	115,5	49,0	31,5	55		DKJ-1 7/8“-45°-DN 38
38	1 1/2“	2 1/2“-12	143,0	64,0	31,5	70		DKJ-2 1/2“-45°-DN 38
51	2“	2 1/2“-12	170,0	75,0	42,0	70		DKJ-2 1/2“-45°-DN 51

37°- (JIC) - DICHTKONUS
37°- (JIC) - CONE

Mit Überwurfmutter und 37°-Konus-Sitz

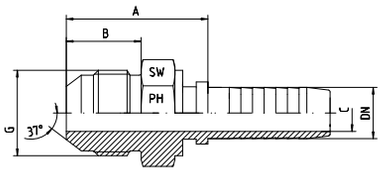
With Nut and 37°-Cone-Seat



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**B**	**C**	**SW1**	**SW2**	
06	1/4“	7/16“-20	22,5	7,5	4,0	17	12	DKJ-7/16“-DN 06-HEX
10	3/8“	9/16“-18	23,5	9,5	7,0	19	17	DKJ-9/16“-DN 10-HEX
12	1/2“	3/4“-16	26,0	10,5	9,5	24	19	DKJ-3/4“-DN 12-HEX
16	5/8“	1 1/16“-12	31,0	15,0	12,5	32	27	DKJ-1 1/16“-DN 16-HEX
19	3/4“	1 1/16“-12	34,0	15,0	14,5	32	27	DKJ-1 1/16“-DN 19-HEX
25	1“	1 5/16“-12	38,0	14,0	20,0	41	32	DKJ-1 5/16“-DN 25-HEX
31	1 1/4“	1 5/8“-12	36,0	15,5	25,5	50	41	DKJ-1 5/8“-DN 31-HEX
38	1 1/2“	1 7/8“-12	42,0	18,5	31,5	55	46	DKJ-1 7/8“-DN 38-HEX
51	2“	2 1/2“-12	52,0	25,0	43,0	70	65	DKJ-2 1/2“-DN 51-HEX

Außengewinde

Male Thread



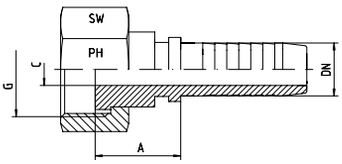
Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	G	A	B	C	SW		
05	3/16“	7/16“-20	21,0	14,0	3,0	12		AGJ-7/16“-DN 05
06	1/4“	7/16“-20	27,5	14,0	4,0	14		AGJ-7/16“-DN 06
05	3/16“	1/2“-20	21,0	14,0	3,0	14		AGJ-1/2“-DN 05
06	1/4“	1/2“-20	27,5	14,0	4,0	17		AGJ-1/2“-DN 06
08	5/16“	1/2“-20	27,5	14,0	5,5	17		AGJ-1/2“-DN 08
05	3/16“	9/16“-18	22,0	14,1	3,0	17		AGJ-9/16“-DN 05
06	1/4“	9/16“-18	29,5	14,1	4,0	17		AGJ-9/16“-DN 06
08	5/16“	9/16“-18	29,5	14,1	5,5	17		AGJ-9/16“-DN 08
10	3/8“	9/16“-18	29,5	14,1	7,0	17		AGJ-9/16“-DN 10
10	3/8“	3/4“-16	33,0	16,7	7,0	22		AGJ-3/4“-DN 10
12	1/2“	3/4“-16	31,0	16,7	9,5	22		AGJ-3/4“-DN 12
10	3/8“	7/8“-14	36,0	19,3	7,0	24		AGJ-7/8“-DN 10
12	1/2“	7/8“-14	36,5	19,3	9,5	24		AGJ-7/8“-DN 12
16	5/8“	7/8“-14	37,0	19,3	12,5	24		AGJ-7/8“-DN 16
12	1/2“	1 1/16“-12	38,5	22,0	9,5	27		AGJ-1 1/16“-DN 12
16	5/8“	1 1/16“-12	40,0	22,0	12,5	27		AGJ-1 1/16“-DN 16
19	3/4“	1 1/16“-12	43,0	22,0	14,5	27		AGJ-1 1/16“-DN 19
19	3/4“	1 5/16“-12	44,0	23,1	14,5	36		AGJ-1 5/16“-DN 19
25	1“	1 5/16“-12	44,0	23,1	20,0	36		AGJ-1 5/16“-DN 25
25	1“	1 5/8“-12	50,0	24,4	20,0	46		AGJ-1 5/8“-DN 25
31	1 1/4“	1 5/8“-12	48,0	24,4	25,5	46		AGJ-1 5/8“-DN 31
31	1 1/4“	1 7/8“-12	51,0	27,5	25,5	50		AGJ-1 7/8“-DN 31
38	1 1/2“	1 7/8“-12	53,5	27,5	31,5	50		AGJ-1 7/8“-DN 38
38	1 1/2“	2 1/2“-12	62,0	33,9	31,5	65		AGJ-2 1/2“-DN 38
51	2“	2 1/2“-12	63,0	33,9	43,0	65		AGJ-2 1/2“-DN 51

BSP - FLACHDICHTENDE - ARMATUREN

BSP - FLAT - FACE

Mit BSP Überwurfmutter
DRF - Gerade

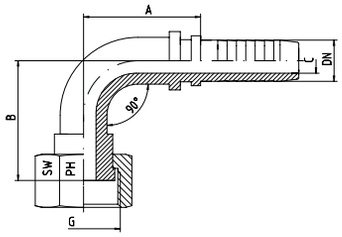
With BSP Union Nut
DRF - Straight



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**C**	**SW**		
06	1/4“	1/8“-28	13,5	4,0	14		DRF-1/8“-DN 06
05	3/16“	1/8“-28	13,5	3,0	14		DRF-1/8“-DN 05
05	3/16“	1/4“-19	14,5	3,0	17		DRF-1/4“-DN 05
06	1/4“	1/4“-19	16,5	4,0	17		DRF-1/4“-DN 06
08	5/16“	1/4“-19	16,5	5,0	17		DRF-1/4“-DN 08
10	3/8“	1/4“-19	17,0	4,0	19		DRF-1/4“-DN 10
06	1/4“	3/8“-19	17,0	4,0	19		DRF-3/8“-DN 06
08	5/16“	3/8“-19	17,5	5,5	19		DRF-3/8“-DN 08
10	3/8“	3/8“-19	17,5	7,0	19		DRF-3/8“-DN 10
12	1/2“	3/8“-19	20,5	8,0	22		DRF-3/8“-DN 12
06	1/4“	1/2“-14	20,5	4,0	27		DRF-1/2“-DN 06
08	5/16“	1/2“-14	16,5	5,5	27		DRF-1/2“-DN 08
10	3/8“	1/2“-14	16,5	7,0	27		DRF-1/2“-DN 10
12	1/2“	1/2“-14	19,5	9,5	27		DRF-1/2“-DN 12
16	5/8“	1/2“-14	16,5	11,5	27		DRF-1/2“-DN 16
19	3/4“	1/2“-14	19,0	11,5	27		DRF-1/2“-DN 19
12	1/2“	5/8“-14	20,0	9,5	27		DRF-5/8“-DN 12
16	5/8“	5/8“-14	19,0	12,5	27		DRF-5/8“-DN 16
10	3/8“	3/4“-14	19,0	7,0	32		DRF-3/4“-DN 10
12	1/2“	3/4“-14	19,5	9,5	32		DRF-3/4“-DN 12
16	5/8“	3/4“-14	21,0	12,5	32		DRF-3/4“-DN 16
19	3/4“	3/4“-14	21,5	14,5	32		DRF-3/4“-DN 19
25	1“	3/4“-14	20,0	16,5	32		DRF-3/4“-DN 25
19	3/4“	1“-11	22,0	14,5	41		DRF-1“-DN 19
25	1“	1“-11	23,5	20,0	41		DRF-1“-DN 25
19	3/4“	1 1/4“-11		14,5	50		DRF-1 1/4“-DN 19
25	1“	1 1/4“-11	27,0	20,0	50		DRF-1 1/4“-DN 25
31	1 1/4“	1 1/4“-11	23,5	25,5	50		DRF-1 1/4“-DN 31
31	1 1/4“	1 1/2“-11	41,0	25,5	55		DRF-1 1/2“-DN 31
38	1 1/2“	1 1/2“-11	41,0	31,5	55		DRF-1 1/2“-DN 38
51	2“	2“-11	28,0	43,0	70		DRF-2“-DN 51
60	2 3/8“	2 1/2“-11					DRF-2 1/2“-DN 60

Mit BSP Überwurfmutter
DRF - 90°-Bogen

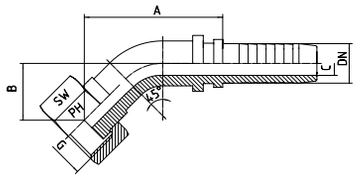
With BSP Union Nut
DRF - 90°-Elbow



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**B**	**C**	**SW**		
06	1/4“	1/8“-28	31,0	17,0	4,0	14		DRF-1/8“-90°-DN 06
06	1/4“	1/4“-19	28,5	25,0	4,0	17		DRF-1/4“-90°-DN 06
08	5/16“	1/4“-19	34,0	36,0	5,5	19		DRF-1/4“-90°-DN 08
06	1/4“	3/8“-19	30,0	23,5	4,0	19		DRF-3/8“-90°-DN 06
08	5/16“	3/8“-19	33,0	30,0	5,5	19		DRF-3/8“-90°-DN 08
10	3/8“	3/8“-19	33,0	30,0	7,0	19		DRF-3/8“-90°-DN 10
10	3/8“	1/2“-14	41,5	36,0	7,0	27		DRF-1/2“-90°-DN 10
12	1/2“	1/2“-14	44,0	36,5	9,5	27		DRF-1/2“-90°-DN 12
12	1/2“	5/8“-14	44,5	47,5	9,5	27		DRF-5/8“-90°-DN 12
16	5/8“	5/8“-14	54,5	50,0	12,0	27		DRF-5/8“-90°-DN 16
12	1/2“	3/4“-14	55,0	47,0	9,5	32		DRF-3/4“-90°-DN 12
16	5/8“	3/4“-14	54,0	20,5	9,5	32		DRF-3/4“-90°-DN 16
19	3/4“	3/4“-14	61,0	50,0	14,5	32		DRF-3/4“-90°-DN 19
19	3/4“	1“-11	71,0	51,0	14,5	41		DRF-1“-90°-DN 19
25	1“	1“-11	78,0	64,5	20,0	41		DRF-1“-90°-DN 25
25	1“	1 1/4“-11	82,0	76,0	20,0	50		DRF-1 1/4“-90°-DN 25
31	1 1/4“	1 1/4“-11	87,0	74,5	25,0	50		DRF-1 1/4“-90°-DN 31
31	1 1/4“	1 1/2“-11	125,0	98,0	25,0	55		DRF-1 1/2“-90°-DN 31
38	1 1/2“	1 1/2“-11	104,0	95,0	31,0	55		DRF-1 1/2“-90°-DN 38
51	2“	2“-11	142,0	119,0	40,0	70		DRF-2“-90°-DN 51

Mit BSP Überwurfmutter
DRF - 45°-Bogen

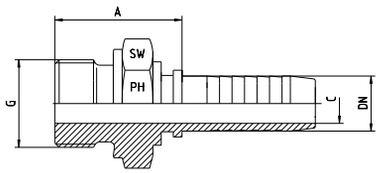
With BSP Union Nut
DRF - 45°-Elbow



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**B**	**C**	**SW**		
06	1/4“	1/8“-28	34,0	14,0	4,0	14		DRF-1/8“-45°-DN 06
06	1/4“	1/4“-19	35,5	12,5	4,0	17		DRF-1/4“-45°-DN 06
06	1/4“	3/8“-19			4,0	19		DRF-3/8“-45°-DN 06
08	5/16“	1/4“-19			5,5	19		DRF-1/4“-45°-DN 08
08	5/16“	3/8“-19			5,5	19		DRF-3/8“-45°-DN 08
10	3/8“	3/8“-19	40,0	15,0	7,0	19		DRF-3/8“-45°-DN 10
10	3/8“	1/2“-14	49,0	21,0	7,0	27		DRF-1/2“-45°-DN 10
12	1/2“	1/2“-14	52,0	20,5	9,5	27		DRF-1/2“-45°-DN 12
12	1/2“	5/8“-14			9,5	27		DRF-5/8“-45°-DN 12
16	5/8“	5/8“-14			12,0	27		DRF-5/8“-45°-DN 16
12	1/2“	3/4“-14	54,5	22,0	9,5	32		DRF-3/4“-45°-DN 12
16	5/8“	3/4“-14			9,5	32		DRF-3/4“-45°-DN 16
19	3/4“	3/4“-14	64,5	27,5	14,5	32		DRF-3/4“-45°-DN 19
19	3/4“	1“-11			14,5	41		DRF-1“-45°-DN 19
25	1“	1“-11	91,0	31,5	20,0	41		DRF-1“-45°-DN 25
25	1“	1 1/4“-11			20,0	50		DRF-1 1/4“-45°-DN 25
31	1 1/4“	1 1/4“-11	97,0	34,0	25,0	50		DRF-1 1/4“-45°-DN 31
31	1 1/4“	1 1/2“-11			25,0	55		DRF-1 1/2“-45°-DN 31
38	1 1/2“	1 1/2“-11	115,0	47,0	31,0	55		DRF-1 1/2“-45°-DN 38
51	2“	2“-11	142,0	59,0	40,0	70		DRF-2“-45°-DN 51

Flachdichtend
Mit angedrehter Dichtkante
Form B
Gewinde: BSP - Zylindrisch

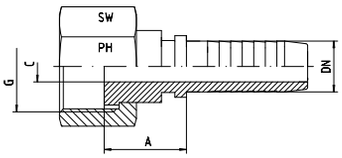
Flat sealing
With Sealing Shoulder
Form B
Thread: BSP - Parallel



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	G	A	C	SW		
06	1/4“	1/8“-28	23,5	4,0	14		AGF-1/8“-DN 06
06	1/4“	1/4“-19	25,5	4,0	19		AGF-1/4“-DN 06
08	5/16“	1/4“-19	28,0	5,5	19		AGF-1/4“-DN 08
10	3/8“	1/4“-19	28,0	6,0	19		AGF-1/4“-DN 10
12	1/2“	1/4“-19	27,0	7,0	19		AGF-1/4“-DN 12
06	1/4“	3/8“-19	30,5	4,0	22		AGF-3/8“-DN 06
08	5/16“	3/8“-19	26,5	5,5	22		AGF-3/8“-DN 08
10	3/8“	3/8“-19	30,0	7,0	22		AGF-3/8“-DN 10
12	1/2“	3/8“-19	32,0	9,5	22		AGF-3/8“-DN 12
10	1/2“	1/2“-14	32,0	7,0	27		AGF-1/2“-DN 10
12	1/2“	1/2“-14	31,0	9,5	27		AGF-1/2“-DN 12
16	5/8“	1/2“-14	32,0	12,5	27		AGF-1/2“-DN 16
16	5/8“	5/8“-14	32,0	12,5	30		AGF-5/8“-DN 16
12	1/2“	3/4“-14	34,5	9,5	32		AGF-3/4“-DN 12
16	5/8“	3/4“-14	35,0	12,5	32		AGF-3/4“-DN 16
19	3/4“	3/4“-14	38,0	14,5	32		AGF-3/4“-DN 19
19	3/4“	1“-11	41,5	14,5	41		AGF-1“-DN 19
25	1“	1“-11	42,0	20,0	41		AGF-1“-DN 25
25	1“	1 1/4“-11	45,0	20,0	50		AGF-1 1/4“-DN 25
31	1 1/4“	1 1/4“-11	45,0	25,5	50		AGF-1 1/4“-DN 31
31	1 1/4“	1 1/2“-11	45,0	25,5	55		AGF-1 1/2“-DN 31
38	1 1/2“	1 1/2“-11	48,0	31,5	55		AGF-1 1/2“-DN 38
51	2“	2“-11	50,0	43,0	70		AGF-2“-DN 51

FORFS - Gerade
Flachdichtend mit Überwurfmutter - ORFS

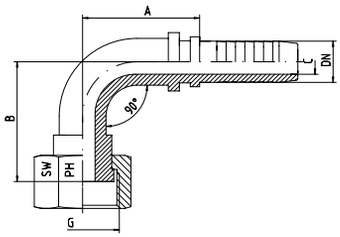
FORFS - Straight
Flat sealing with Nut - ORFS



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	G	A	C	SW		
06	1/4“	9/16“-18	27,0	4,0	19		FORFS-9/16“-DN 06
06	1/4“	11/16“-16	27,0	4,0	22		FORFS-11/16“-DN 06
08	5/16“	11/16“-16	29,5	5,5	22		FORFS-11/16“-DN 08
10	3/8“	11/16“-16	29,5	7,0	22		FORFS-11/16“-DN 10
10	3/8“	13/16“-16	29,5	7,0	24		FORFS-13/16“-DN 10
12	1/2“	13/16“-16	29,5	9,5	24		FORFS-13/16“-DN 12
12	1/2“	1“-14	34,5	9,5	30		FORFS-1“-DN 12
16	5/8“	1“-14	34,0	12,5	30		FORFS-1“-DN 16
19	3/4“	1“-14	36,0	11,5	30		FORFS-1“-DN 19
12	1/2“	1. 3/16“-12	35,0	9,5	36		FORFS-1. 3/16“-DN 12
16	5/8“	1. 3/16“-12	33,0	12,5	36		FORFS-1. 3/16“-DN 16
19	3/4“	1. 3/16“-12	37,0	14,5	36		FORFS-1. 3/16“-DN 19
19	3/4“	1. 7/16“-23	40,0	14,5	41		FORFS-1. 7/16“-DN 19
25	1“	1. 7/16“-12	39,5	20,0	41		FORFS-1. 7/16“-DN 25
31	1 1/4“	1. 11/16“-12	38,0	25,5	50		FORFS-1. 11/16“-DN 31
38	1 1/2“	2“-12	39,0	31,5	60		FORFS-2“-DN 38

Flachdichtend mit Überwurfmutter - ORFS
FORFS - 90°-Bogen

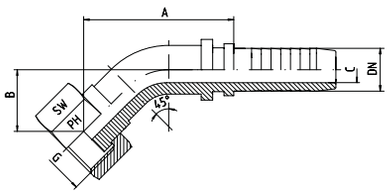
Flat sealing with Nut - ORFS
FORFS - 90°-Elbow



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	G	A	B	C	SW		
06	1/4“	9/16“-18	30,0	28,0	4,0	19		FORFS-9/16“-90°-DN 06
06	1/4“	11/16“-16	30,0	30,0	4,0	22		FORFS-11/16“-90°-DN 06
08	5/16“	11/16“-16				22		FORFS-11/16“-90°-DN 08
10	3/8“	11/16“-16	35,0	31,0	7,0	22		FORFS-11/16“-90°-DN 10
10	3/8“	13/16“-16	42,0	36,0	7,0	24		FORFS-13/16“-90°-DN 10
12	1/2“	13/16“-16	44,0	36,5	9,5	24		FORFS-13/16“-90°-DN 12
12	1/2“	1“-14	46,0	48,5	9,5	30		FORFS-1“-90°-DN 12
16	5/8“	1“-14	56,0	49,0	12,5	30		FORFS-1“-90°-DN 16
19	3/4“	1“-14	60,0	59,0	14,5	30		FORFS-1“-90°-DN 19
12	1/2“	1. 3/16“-12				36		FORFS-1. 3/16“-90°-DN 12
16	5/8“	1. 3/16“-12				36		FORFS-1. 3/16“-90°-DN 16
19	3/4“	1. 3/16“-12	74,0	52,5	14,5	36		FORFS-1. 3/16“-90°-DN 19
19	3/4“	1. 7/16“-23				41		FORFS-1. 7/16“-90°-DN 19
25	1“	1. 7/16“-12	83,5	66,0	20,0	41		FORFS-1. 7/16“-90°-DN 25
31	1 1/4“	1. 11/16“-12	86,5	79,0	25,0	50		FORFS-1. 11/16“-90°-DN 31
38	1 1/2“	2“-12	104,0	97,0	31,0	60		FORFS-2“-90°-DN 38

Flachdichtend mit Überwurfmutter - ORFS
FORFS - 45°-Bogen

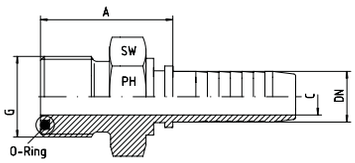
Flat sealing with Nut - ORFS
FORFS - 45°-Elbow



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**B**	**C**	**SW**		
06	1/4“	9/16“-18	38,0	15,5	4,0	19		FORFS-9/16“-45°-DN 06
06	1/4“	11/16“-16				22		FORFS-11/16“-45°-DN 06
08	5/16“	11/16“-16				22		FORFS-11/16“-45°-DN 08
10	3/8“	11/16“-16	40,5	15,0	7,0	22		FORFS-11/16“-45°-DN 10
10	3/8“	13/16“-16	49,0	19,5	7,0	24		FORFS-13/16“-45°-DN 10
12	1/2“	13/16“-16	52,5	17,5	9,5	24		FORFS-13/16“-45°-DN 12
12	1/2“	1“-14				30		FORFS-1“-45°-DN 12
16	5/8“	1“-14	59,0	24,0	12,5	30		FORFS-1“-45°-DN 16
19	3/4“	1“-14	66,0	29,0	14,5	30		FORFS-1“-45°-DN 19
12	1/2“	1. 3/16“-12				36		FORFS-1. 3/16“-45°-DN 12
16	5/8“	1. 3/16“-12				36		FORFS-1. 3/16“-45°-DN 16
19	3/4“	1. 3/16“-12	76,5	25,5	14,5	36		FORFS-1. 3/16“-45°-DN 19
19	3/4“	1. 7/16“-12				41		FORFS-1. 7/16“-45°-DN 19
25	1“	1. 7/16“-12	91,0	33,5	20,0	41		FORFS-1. 7/16“-45°-DN 25
31	1 1/4“	1. 11/16“-12	95,5	40,0	25,0	50		FORFS-1. 11/16“-45°-DN 31
38	1 1/2“	2“-12	108,0	42,0	31,0	60		FORFS-2“-45°-DN 38

Aussengewinde Flachdichtend - ORFS
O-Ring Dichtung = NBR

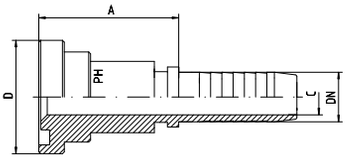
Flat-Face - ORFS
O-ring = NBR



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**C**	**SW**			
06	1/4“	9/16“-18	24,0	4,0	17	7,65 x 1,78		MORFS-9/16“-DN 06
10	3/8“	11/16“-16	26,0	6,5	19	9,25 x 1,78		MORFS-11/16“-DN 10
12	1/2“	13/16“-16	28,0	9,5	22	12,42 x 1,78		MORFS-13/16“-DN 12
16	5/8“	1“-14	34,5	12,5	27	15,60 x 1,78		MORFS-1“-DN 16
19	3/4“	1. 3/16“-12	38,0	14,5	32	18,77 x 1,78		MORFS-1. 3/16“-DN 19
25	1“	1. 7/16“-12	39,7	20,0	41	23,52 x 1,78		MORFS-1. 7/16“-DN 25
31	1 1/4“	1. 11/16“-12	42,5	25,5	46	29,87 x 1,78		MORFS-1. 11/16“-DN 31
38	1 1/2“	2“-12	46,5	31,5	55	37,82 x 1,78		MORFS-2“-DN 38

SAE J 518 / ISO 6162
SFL 3 = 3.000 P.S.I. - Gerade
SFS 6 = 6.000 P.S.I. - Gerade

SAE J 518 / ISO 6162
SFL 3 = 3.000 P.S.I. - Straight
SFS 6 = 6.000 P.S.I. - Straight



Reihe / Series 3.000 P.S.I.

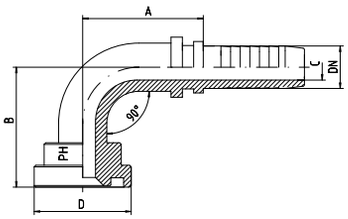
Schlauch Hose	DN Bore	Flanschgröße Flange Dimensions		Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	D	in.	A	C		
12	1/2“	30,2	1/2“	37,5	9,5		SFL3-1/2“-DN 12
16	5/8“	30,2	1/2“	39,0	12,5		SFL3-1/2“-DN 16
12	1/2“	38,1	3/4“	40,0	9,5		SFL3-3/4“-DN 12
16	5/8“	38,1	3/4“	46,5	12,5		SFL3-3/4“-DN 16
19	3/4“	38,1	3/4“	46,5	14,5		SFL3-3/4“-DN 19
19	3/4“	44,5	1“	46,5	14,5		SFL3-1“-DN 19
25	1“	44,5	1“	38,0	20,0		SFL3-1“-DN 25
25	1“	50,8	1 1/4“	49,0	20,0		SFL3-1 1/4“-DN 25
31	1 1/4“	50,8	1 1/4“	54,0	25,5		SFL3-1 1/4“-DN 31
31	1 1/4“	60,3	1 1/2“	50,0	25,5		SFL3-1 1/2“-DN 31
38	1 1/2“	60,3	1 1/2“	58,0	31,5		SFL3-1 1/2“-DN 38
38	1 1/2“	71,4	2“	62,0	31,5		SFL3-2“-DN 38
51	2“	71,4	2“	48,0	43,0		SFL3-2“-DN 51
60	2 3/8“	84,1	2 1/2“	68,0	51,0		SFL3-2 1/2“-DN 60
63	2 1/2“	84,1	2 1/2“	68,0	55,5		SFL3-2 1/2“-DN 63
51	2“	101,5	3“	64,0	43,0		SFL3-3“-DN 51
76	3“	101,5	3“	87,0	68,5		SFL3-3“-DN 76
80		101,5	3“	71,0	73,0		SFL3-3“-DN 80

Reihe / Series 6.000 P.S.I.

Schlauch Hose	DN Bore	Flanschgröße Flange Dimensions		Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	D	in.	A	C		
12	1/2“	31,7	1/2“	39,0	9,5		SFS6-1/2“-DN 12
16	5/8“	31,7	1/2“	40,0	12,5		SFS6-1/2“-DN 16
12	1/2“	41,3	3/4“	40,0	9,5		SFS6-3/4“-DN 12
16	5/8“	41,3	3/4“	41,0	12,5		SFS6-3/4“-DN 16
19	3/4“	41,3	3/4“	48,0	14,5		SFS6-3/4“-DN 19
19	3/4“	47,6	1“	65,5	14,5		SFS6-1“-DN 19
25	1“	47,6	1“	68,0	20,0		SFS6-1“-DN 25
25	1“	54,0	1 1/4“	50,5	20,0		SFS6-1 1/4“-DN 25
31	1 1/4“	54,0	1 1/4“	70,0	25,5		SFS6-1 1/4“-DN 31
31	1 1/4“	63,5	1 1/2“	58,0	25,5		SFS6-1 1/2“-DN 31
38	1 1/2“	63,5	1 1/2“	68,0	31,5		SFS6-1 1/2“-DN 38
38	1 1/2“	79,4	2“	76,0	31,5		SFS6-2“-DN 38
51	2“	79,4	2“	86,0	43,0		SFS6-2“-DN 51

SAE J 518 / ISO 6162
SFL 3 = 3.000 P.S.I. - 90°
SFS 6 = 6.000 P.S.I. - 90°

SAE J 518 / ISO 6162
SFL 3 = 3.000 P.S.I. - 90°
SFS 6 = 6.000 P.S.I. - 90°



Reihe / Series 3.000 P.S.I.

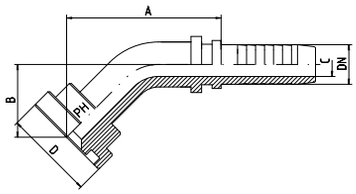
Schlauch Hose	DN Bore	Flanschgröße Flange Dimensions		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	D	in.	A	B	C		
12	1/2“	30,2	1/2“	45,0	54,0	9,5		SFL3-1/2“-90°-DN 12
16	5/8“	30,2	1/2“	58,0	58,0	12,0		SFL3-1/2“-90°-DN 16
12	1/2“	38,1	3/4“	56,0	60,0	9,5		SFL3-3/4“-90°-DN 12
16	5/8“	38,1	3/4“	74,0	61,0	12,0		SFL3-3/4“-90°-DN 16
19	3/4“	38,1	3/4“	75,0	68,0	14,5		SFL3-3/4“-90°-DN 19
19	3/4“	44,5	1“	75,0	73,0	14,5		SFL3-1“-90°-DN 19
25	1“	44,5	1“	82,0	77,0	20,0		SFL3-1“-90°-DN 25
25	1“	50,8	1 1/4“	104,0	89,0	20,0		SFL3-1 1/4“-90°-DN 25
31	1 1/4“	50,8	1 1/4“	100,0	92,0	25,0		SFL3-1 1/4“-90°-DN 31
38	1 1/2“	50,8	1 1/4“	121,0	101,0	31,0		SFL3-1 1/4“-90°-DN 38
31	1 1/4“	60,3	1 1/2“	124,0	92,5	25,0		SFL3-1 1/2“-90°-DN 31
38	1 1/2“	60,3	1 1/2“	118,0	106,0	31,0		SFL3-1 1/2“-90°-DN 38
38	1 1/2“	71,4	2“	120,0	120,0	31,0		SFL3-2“-90°-DN 38
51	2“	71,4	2“	146,0	144,0	42,0		SFL3-2“-90°-DN 51
60	2 3/8“	84,1	2 1/2“					SFL3-2 1/2“-90°-DN 60
63	2 1/2“	84,1	2 1/2“	213,0	183,0	55,0		SFL3-2 1/2“-90°-DN 63
76	3“	101,5	3“					SFL3-3“-90°-DN 76
80		101,5	3“					SFL3-3“-90°-DN 80

Reihe / Series 6.000 P.S.I.

Schlauch Hose	DN Bore	Flanschgröße Flange Dimensions		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	D	in.	A	B	C		
12	1/2“	31,7	1/2“	44,0	56,0	9,5		SFS6-1/2“-90°-DN 12
16	5/8“	31,7	1/2“	59,0	60,0	12,0		SFS6-1/2“-90°-DN 16
12	1/2“	41,3	3/4“	55,5	62,0	9,5		SFS6-3/4“-90°-DN 12
16	5/8“	41,3	3/4“	56,0	61,0	12,0		SFS6-3/4“-90°-DN 16
19	3/4“	41,3	3/4“	75,0	70,0	14,5		SFS6-3/4“-90°-DN 19
19	3/4“	47,6	1“	77,0	72,0	14,5		SFS6-1“-90°-DN 19
25	1“	47,6	1“	84,0	78,0	20,0		SFS6-1“-90°-DN 25
25	1“	54,0	1 1/4“	105,0	91,0	20,0		SFS6-1 1/4“-90°-DN 25
31	1 1/4“	54,0	1 1/4“	103,0	92,0	25,0		SFS6-1 1/4“-90°-DN 31
31	1 1/4“	63,5	1 1/2“	124,0	95,0	25,0		SFS6-1 1/2“-90°-DN 31
38	1 1/2“	63,5	1 1/2“	124,0	104,0	31,0		SFS6-1 1/2“-90°-DN 38
38	1 1/2“	79,4	2“	120,0	122,0	31,0		SFS6-2“-90°-DN 38
51	2“	79,4	2“	147,0	139,0	41,0		SFS6-2“-90°-DN 51

SAE J 518 / ISO 6162
SFL 3 = 3.000 P.S.I. - 45°
SFS 6 = 6.000 P.S.I. - 45°

SAE J 518 / ISO 6162
SFL 3 = 3.000 P.S.I. - 45°
SFS 6 = 6.000 P.S.I. - 45°



Reihe / Series 3.000 P.S.I.

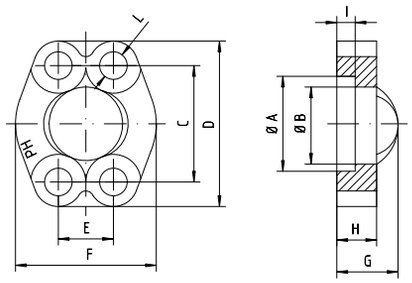
Schlauch Hose	DN Bore	Flanschgröße Flange Dimensions		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**D**	**in.**	**A**	**B**	**C**		
12	1/2“	30,2	1/2“	60,0	30,0	9,5		SFL3-1/2“-45°-DN 12
16	5/8“	30,2	1/2“	90,5	34,0	12,0		SFL3-1/2“-45°-DN 16
12	1/2“	38,1	3/4“	68,5	30,5	9,5		SFL3-3/4“-45°-DN 12
16	5/8“	38,1	3/4“	70,5	34,0	12,0		SFL3-3/4“-45°-DN 16
19	3/4“	38,1	3/4“	85,0	36,0	14,5		SFL3-3/4“-45°-DN 19
19	3/4“	44,5	1“	91,0	31,0	14,5		SFL3-1“-45°-DN 19
25	1“	44,5	1“	90,0	39,0	20,0		SFL3-1“-45°-DN 25
25	1“	50,8	1 1/4“	118,0	43,0	20,0		SFL3-1 1/4“-45°-DN 25
31	1 1/4“	50,8	1 1/4“	111,0	44,0	25,0		SFL3-1 1/4“-45°-DN 31
38	1 1/2“	50,8	1 1/4“			31,0		SFL3-1 1/4“-45°-DN 38
31	1 1/4“	60,3	1 1/2“	138,0	36,0	25,0		SFL3-1 1/2“-45°-DN 31
38	1 1/2“	60,3	1 1/2“	127,0	55,0	31,0		SFL3-1 1/2“-45°-DN 38
38	1 1/2“	71,4	2“	142,0	58,0	31,0		SFL3-2“-45°-DN 38
51	2“	71,4	2“	162,0	57,0	42,0		SFL3-2“-45°-DN 51
60	2 3/8“	84,1	2 1/2“					SFL3-2 1/2“-45°-DN 60
63	2 1/2“	84,1	2 1/2“	223,0	73,5	55,0		SFL3-2 1/2“-45°-DN 63
76	3“	101,5	3“					SFL3-3“-45°-DN 76
80		101,5	3“					SFL3-3“-45°-DN 80

Reihe / Series 6.000 P.S.I.

Schlauch Hose	DN Bore	Flanschgröße Flange Dimensions		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**D**	**in.**	**A**	**B**	**C**		
12	1/2“	31,7	1/2“	62,0	32,0	9,5		SFS6-1/2“-45°-DN 12
16	5/8“	31,7	1/2“	71,0	35,0	12,0		SFS6-1/2“-45°-DN 16
12	1/2“	41,3	3/4“	71,0	34,0	9,5		SFS6-3/4“-45°-DN 12
16	5/8“	41,3	3/4“	71,0	32,0	12,0		SFS6-3/4“-45°-DN 16
19	3/4“	41,3	3/4“	85,0	40,0	14,5		SFS6-3/4“-45°-DN 19
19	3/4“	47,6	1“	94,0	31,0	14,5		SFS6-1“-45°-DN 19
25	1“	47,6	1“	92,5	38,5	20,0		SFS6-1“-45°-DN 25
25	1“	54,0	1 1/4“	119,0	47,5	20,0		SFS6-1 1/4“-45°-DN 25
31	1 1/4“	54,0	1 1/4“	112,0	47,0	25,0		SFS6-1 1/4“-45°-DN 31
31	1 1/4“	63,5	1 1/2“	141,5	43,0	25,0		SFS6-1 1/2“-45°-DN 31
38	1 1/2“	63,5	1 1/2“	134,0	48,0	31,0		SFS6-1 1/2“-45°-DN 38
38	1 1/2“	79,4	2“	143,0	64,0	31,0		SFS6-2“-45°-DN 38
51	2“	79,4	2“	165,5	60,0	41,0		SFS6-2“-45°-DN 51

Werkstoff 1.4404
AISI 316 L

Material 1.4404
AISI 316 L



Reihe / Series LOCHBILD / 3000 P.S.I.

Max. Betriebs-druck Max. Working Pressure	**SAE Baugröße** Nominal Flange Size	**Ca. Maße** Approx. Dimensions										**SAE Baugröße** Screws	**Schrauben** Screws	**Bestellzeichen** Order-Code
bar	**in.**	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**L**	**metr.**	**unc.**	
345	1/2“	30,96	24,26	38,10	54	17,48	45,6	19,0	13,0	6,22	8,50	M 8 x 25	5/16“ x 1 1/4“	VF-3-1/2“
345	3/4“	38,89	32,13	47,63	65	22,23	51,8	22,0	14,0	6,22	10,50	M 10 x 30	3/8“ x 1 1/4“	VF-3-3/4“
345	1“	45,24	38,48	52,37	70	26,19	58,4	24,0	16,0	7,49	10,50	M 10 x 35	3/8“ x 1 1/4“	VF-3-1“
276	1 1/4“	51,59	43,69	58,72	79	30,18	72,6	22,0	16,0	7,49	12,00	M 10 x 35	7/16“ x 1 1/2“	VF-3-1 1/4“
207	1 1/2“	61,09	50,80	69,85	94	35,71	82,2	25,0	16,0	7,49	13,50	M 12 x 35	1/2“ x 1 1/2“	VF-3-1 1/2“
207	2“	72,24	62,74	77,77	102	42,88	96,4	26,0	16,0	9,02	13,50	M 12 x 35	1/2“ x 1 1/2“	VF-3-2“
172	2 1/2“	84,94	74,93	88,90	114	50,80	108,2	38,0	19,0	9,02	13,50	M 12 x 35	1/2“ x 1 1/2“	VF-3-2 1/2“
138	3“	102,39	90,93	106,38	135	61,93	130,6	41,0	22,0	9,02	16,75	M 16 x 45	5/8“ x 2“	VF-3-3“

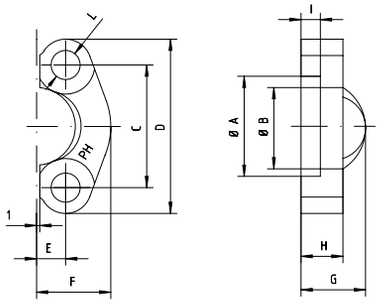
Reihe / Series LOCHBILD / 6000 P.S.I.

Max. Betriebs-druck Max. Working Pressure	**SAE Baugröße** Nominal Flange Size	**Ca. Maße** Approx. Dimensions										**SAE Baugröße** Screws	**Schrauben** Screws	**Bestellzeichen** Order-Code
bar	**in.**	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**L**	**metr.**	**unc.**	
420	1/2“	32,45	24,64	40,49	56	18,24	47,2	22,0	16,0	7,24	8,50	M 8 x 30	5/16“ x 1 1/4“	VF-6-1/2“
420	3/4“	42,06	32,51	50,80	71	23,80	60,0	28,0	19,0	8,26	10,50	M 10 x 35	3/8“ x 1 1/2“	VF-6-3/4“
420	1“	48,41	38,86	57,15	81	27,76	69,9	33,0	24,0	9,02	12,50	M 12 x 45		VF-6-1“
420	1 1/4“	54,76	44,45	66,68	95	31,75	77,2	38,0	27,0	9,78	14,50	M 14 x 50		VF-6-1 1/4“
420	1 1/2“	64,29	51,56	79,38	113	36,50	95,0	43,0	30,0	12,07	16,75	M 16 x 55	5/8“ x 2“	VF-6-1 1/2“
420	2“	80,16	67,56	96,82	133	44,45	113,8	52,0	37,0	12,07	21,00	M 20 x 65	3/4“ x 2 1/2“	VF-6-2“
420	2 1/2“	108,5	89,5	123,8	176	58,7	150,0	48,0	48,0	20,00	25,00	M 24 x 90		VF-6-2 1/2“
420	3“	132,5	114,5	152,4	215	71,4	176,0	58,0	58,0	25,00	31,00	M 30 x 100		VF-6-3“

SAE - FLANSCHHÄLFTEN
SAE - SPLIT - FLANGE - HALVES

Werkstoff 1.4404
AISI 316 L

Material 1.4404
AISI 316 L



Reihe / Series LOCHBILD / 3000 P.S.I.

Max. Betriebsdruck Max. Working Pressure	SAE Baugröße Nominal Flange Size	Ca. Maße Approx. Dimensions										SAE Baugröße Screws	Schrauben Screws	Bestellzeichen Order-Code
bar	in.	A	B	C	D	E	F	G	H	I	L	metr.	unc.	
345	1/2“	30,96	24,26	38,10	54,0	8,74	22,8	19	13	6,22	8,50	M 8 x 25	5/16“ x 1 1/4“	FLH-3-1/2“
345	3/4“	38,89	32,13	47,63	65,0	11,13	25,9	22	14	6,22	10,50	M 10 x 30	3/8“ x 1 1/4“	FLH-3-3/4“
345	1“	45,24	38,48	52,37	70,0	13,08	29,2	24	16	7,49	10,50	M 10 x 30	3/8“ x 1 1/4“	FLH-3-1“
276	1 1/4“	51,59	43,69	58,72	79,0	15,09	36,3	22	16	7,49	12,00	M 10 x 35	7/16“ x 1 1/2“	FLH-3-1 1/4“
207	1 1/2“	61,09	50,80	69,85	94,0	17,86	41,1	25	16	7,49	13,50	M 12 x 35	1/2“ x 1 1/2“	FLH-3-1 1/2“
207	2“	72,24	62,74	77,77	102,0	21,44	48,2	26	16	9,02	13,50	M 12 x 35	1/2“ x 1 1/2“	FLH-3-2“
172	2 1/2“	84,94	74,93	88,90	114,0	25,40	54,1	38	19	9,02	13,50	M 12 x 40	1/2“ x 1 1/2“	FLH-3-2 1/2“
138	3“	102,39	90,93	106,38	135,0	30,96	65,3	41	22	9,02	16,75	M 16 x 45	5/8“ x 2“	FLH-3-3“

Reihe / Series LOCHBILD / 6000 P.S.I.

Max. Betriebsdruck Max. Working Pressure	SAE Baugröße Nominal Flange Size	Ca. Maße Approx. Dimensions										SAE Baugröße Screws	Schrauben Screws	Bestellzeichen Order-Code
bar	in.	A	B	C	D	E	F	G	H	I	L	metr.	unc.	
420	1/2“	32,45	24,64	40,49	56,0	9,12	23,6	22	16	7,24	8,50	M 8 x 30	5/16“ x 1 1/4“	FLH-6-1/2“
420	3/4“	42,06	32,51	50,80	71,0	11,91	30,0	28	19	8,26	10,50	M 10 x 35	3/8“ x 1 1/2“	FLH-6-3/4“
420	1“	48,41	38,86	57,15	81,0	13,89	34,8	33	24	9,02	12,50	M 12 x 45		FLH-6-1“
420	1 1/4“	54,76	44,45	66,68	95,0	15,88	38,6	38	27	9,78	14,50	M 14 x 50		FLH-6-1 1/4“
420	1 1/2“	64,29	51,56	79,38	113,0	18,26	47,5	43	30	12,07	16,75	M 16 x 55	5/8“ x 2“	FLH-6-1 1/2“
420	2“	80,16	67,56	96,82	133,0	22,23	56,9	52	37	12,07	21,00	M 20 x 65	3/4“ x 2 1/2“	FLH-6-2“
420	2 1/2“	108,5	89,5	123,8	176,0	29,35	75,0	48,0	48,0	20,00	25,00	M 24 x 90		FLH-6-2 1/2“
420	3“	132,5	114,5	152,4	215,0	35,7	88,0	58,0	58,0	25,00	31,00	M 30 x 100		FLH-6-3“

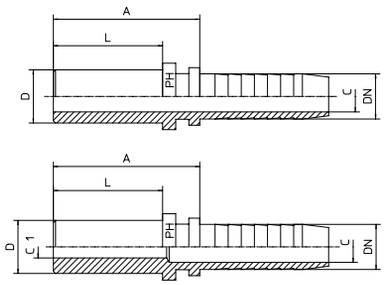
Für SAE-Vollflansch & SAE-Flanschhälften
Inklusive Federring
Werkstoff A4-70

For SAE-Flange Clamps & SAE-Split Flange Halves
Inclusive Snap Ring
Material A4-70

Gewinde Thread	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
G		
M 8 x 25		MS-8x25
M 8 x 30		MS-8x30
M 10 x 30		MS-10x30
M 10 x 35		MS-10x35
M 12 x 35		MS-12x35
M 12 x 40		MS-12x40
M 12 x 45		MS-12x45
M 14 x 50		MS-14x50
M 16 x 45		MS-16x45
M 16 x 55		MS-16x55
M 20 x 65		MS-20x65
M 24 x 90		MS-24x90
M 30 x 100		MS-30x100

Leichte Reihe = BEL - Gerade

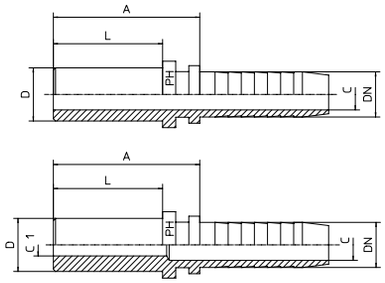
Light Series = BEL - Straight



Schlauch Hose	DN Bore	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**D**	**A**	**C**	**C1**	**L**		
05	3/16“	6	26,5	3,0	3,0	20,0		BEL-06-DN 05
06	1/4“	6	28,5	4,0	4,0	20,0		BEL-06-DN 06
05	3/16“	8	28,5	3,0	5,0	22,0		BEL-08-DN 05
06	1/4“	8	31,0	4,0	4,0	22,0		BEL-08-DN 06
08	5/16“	8	31,0	5,5	5,0	23,0		BEL-08-DN 08
06	1/4“	10	33,5	4,0		24,0		BEL-10-DN 06
08	5/16“	10	31,5	5,5	5,5	23,0		BEL-10-DN 08
10	3/8“	10	34,0	7,0	7,0	25,0		BEL-10-DN 10
08	5/16“	12	34,0	5,5		26,0		BEL-12-DN 08
10	3/8“	12	34,0	7,0	7,0	25,0		BEL-12-DN 10
12	1/2“	12	33,0	9,5	9,0	26,0		BEL-12-DN 12
10	3/8“	15	32,5	7,0	7,0	25,0		BEL-15-DN 10
12	1/2“	15	33,0	9,5	9,5	25,0		BEL-15-DN 12
12	1/2“	18	32,5	9,5	9,5	27,0		BEL-18-DN 12
16	5/8“	18	35,5	12,5	12,5	27,0		BEL-18-DN 16
16	5/8“	22	36,5	12,5	16,0	27,0		BEL-22-DN 16
19	3/4“	22	38,0	14,5	14,5	27,0		BEL-22-DN 19
25	1“	28	41,5	20,0	20,0	30,0		BEL-28-DN 25
31	1 1/4“	35	47,0	25,5	25,5	36,0		BEL-35-DN 31
38	1 1/2“	42	47,0	31,5	31,5	36,0		BEL-42-DN 38

Schwere Reihe = BES - Gerade

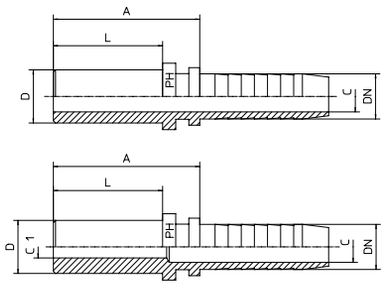
Heavy Series = BES - Straight



Schlauch Hose	**DN** Bore	**Rohr A.D.** Tube O.D.	**Ca. Maße** Approx. Dimensions				**Bemerkungen** Notes	**Bestellzeichen** Order-Code
DN	**in.**	**D**	**A**	**C**	**C1**	**L**		
05	3/16“	6	26,5	3,0		20,0		BES-06-DN 05
06	1/4“	6	28,5	4,0	4,0	20,0		BES-06-DN 06
06	1/4“	8	31,0	4,0	4,0	22,0		BES-08-DN 06
08	5/16“	8	31,0	5,5	5,0	23,0		BES-08-DN 08
06	1/4“	10	33,5	4,0	4,0	24,0		BES-10-DN 06
08	5/16“	10	31,5	5,5	5,5	23,0		BES-10-DN 08
10	3/8“	10	34,0	7,0	7,0	25,0		BES-10-DN 10
06	1/4“	12	35,5	4,0	7,0	26,0		BES-12-DN 06
08	5/16“	12	34,0	5,5	5,5	26,0		BES-12-DN 08
10	3/8“	12	34,0	7,0	7,0	25,0		BES-12-DN 10
12	1/2“	12	34,0	9,5	9,0	25,0		BES-12-DN 12
10	3/8“	14	35,5	7,0	7,0	28,0		BES-14-DN 10
12	1/2“	16	38,5	9,5	9,5	30,0		BES-16-DN 12
12	1/2“	20	42,0	9,5	14,0	36,0		BES-20-DN 12
16	5/8“	20	44,0	12,5	12,5	36,0		BES-20-DN 16
19	3/4“	20	43,0	14,5	14,5	31,0		BES-20-DN 19
19	3/4“	25	51,0	14,5	14,5	40,0		BES-25-DN 19
25	1“	25	46,0	18,0	20,0	34,5		BES-25-DN 25
25	1“	30	56,0	20,0	20,0	44,0		BES-30-DN 25
31	1 1/4“	38	61,0	25,5	25,5	50,0		BES-38-DN 31

Zölliges Rohr - Gerade

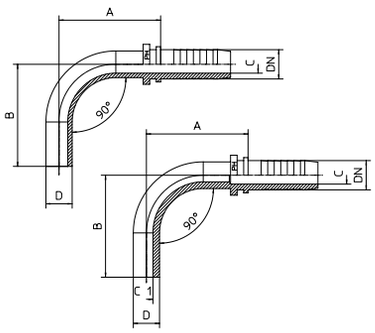
Inch Tube - Straight



Schlauch Hose	DN Bore	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**D**	**A**	**C**	**C1**	**L**		
06	1/4“	1/4“ = 6,35 mm	31,0	4,0	4,0	22,0		BE-1/4“-DN 06
06	1/4“	3/8“ = 9,52 mm	33,5	4,0	4,0	24,0		BE-3/8“-DN 06
10	3/8“	3/8“ = 9,52 mm	34,0	7,0	6,0	25,0		BE-3/8“-DN 10
08	5/16“	5/16“ = 7,94 mm	31,5	5,5	5,0	23,0		BE-5/16“-DN 08
10	3/8“	1/2“ = 12,70 mm	39,0	7,0	7,0	30,0		BE-1/2“-DN 10
12	1/2“	1/2“ = 12,70 mm	38,5	9,5	8,0	30,0		BE-1/2“-DN 12
16	5/8“	5/8“ = 15,88 mm	45,0	12,5	11,5	36,0		BE-5/8“-DN 16
19	3/4“	3/4“ = 19,05 mm	51,0	14,5	13,0	40,0		BE-3/4“-DN 19
25	1“	1“ = 25,40 mm	56,0	20,0	18,0	44,0		BE-1“-DN 25
31	1 1/4“	1 1/4“ = 31,75 mm	62,0	25,5	25,5	50,0		BE-1 1/4“-DN 31
38	1 1/2“	1 1/2“ = 38,10 mm	62,0	31,5	31,5	50,0		BE-1 1/2“-DN 38

Leichte Reihe = BEL - 90°-Bogen
Schwere Reihe = BES - 90°-Bogen

Light Series = BEL - 90°-Elbow
Heavy Series = BES - 90°-Elbow



Reihe / Series BEL

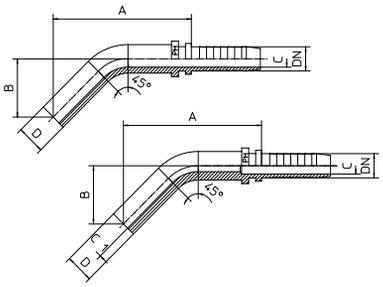
Schlauch Hose	DN Bore	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**D**	**A**	**B**	**C**	**C1**		
05	3/16“	6	28,5	36,0	3,0	3,0		BEL-06-90°-DN 05
06	1/4“	6	29,0	35,5	4,0	4,0		BEL-06-90°-DN 06
06	1/4“	8	38,5	37,0	4,0	4,0		BEL-08-90°-DN 06
06	1/4“	10	43,0	40,0	4,0	6,5		BEL-10-90°-DN 06
08	5/16“	10	41,0	41,5	5,5	5,5		BEL-10-90°-DN 08
10	3/8“	10	41,0	41,5	7,0	7,0		BEL-10-90°-DN 10
08	5/16“	12	48,0	45,0	5,5	8,0		BEL-12-90°-DN 08
10	3/8“	12	48,0	45,0	7,0	7,5		BEL-12-90°-DN 10
12	1/2“	12	46,5	45,0	9,5	8,0		BEL-12-90°-DN 12
12	1/2“	15	53,0	49,0	9,5	9,5		BEL-15-90°-DN 12
16	5/8“	18	59,0	65,0	12,5	12,5		BEL-18-90°-DN 16
19	3/4“	22	75,0	75,5	14,5	14,5		BEL-22-90°-DN 19
25	1“	28	85,0	98,0	20,0	20,0		BEL-28-90°-DN 25
31	1 1/4“	35	112,0	127,0	25,5	25,5		BEL-35-90°-DN 31
38	1 1/2“	42	135,0	135,5	31,5	31,5		BEL-42-90°-DN 38

Reihe / Series BES

Schlauch Hose	DN Bore	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**D**	**A**	**B**	**C**	**C1**		
5	3/16“	6	28,5	36,0	3,0	3,0		BES-06-90°-DN 05
6	1/4“	6	29,0	35,5	4,0	4,0		BES-06-90°-DN 06
6	1/4“	8	38,5	38,5	4,0	4,0		BES-08-90°-DN 06
6	1/4“	10	43,0	40,0	4,0	6,5		BES-10-90°-DN 06
8	5/16“	10	41,0	41,5	5,5	5,5		BES-10-90°-DN 08
10	3/8“	10	41,0	41,5	7,0	7,0		BES-10-90°-DN 10
08	5/16“	12	48,0	45,0	5,5	8,0		BES-12-90°-DN 08
10	3/8“	12	48,0	45,0	7,0	7,0		BES-12-90°-DN 10
12	1/2“	12	46,5	45,0	9,5	8,0		BES-12-90°-DN 12
10	3/8“	14			7,0	7,0		BES-14-90°-DN 10
12	1/2“	16	60,5	58,5	9,5	9,5		BES-16-90°-DN 12
16	5/8“	20	73,0	66,0	12,5	12,5		BES-20-90°-DN 16
19	3/4“	25	79,0	84,0	14,5	14,5		BES-25-90°-DN 19
25	1“	30			20,0	20,0		BES-30-90°-DN 25
31	1 1/4“	38			25,5	25,5		BES-38-90°-DN 31

Leichte Reihe = BEL - 45°-Bogen
Schwere Reihe = BES - 45°-Bogen

Light Series = BEL - 45°-Elbow
Heavy Series = BES - 45°-Elbow



Reihe / Series BEL

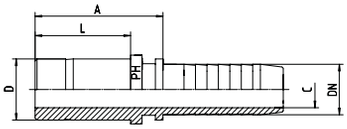
Schlauch Hose	DN Bore	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**D**	**A**	**B**	**C**	**C1**		
05	3/16“	6	50,0	22,0	3,0	3,0		BEL-06-45°-DN 05
06	1/4“	6	51,0	21,0	4,0	4,0		BEL-06-45°-DN 06
06	1/4“	8	60,0	22,0	4,0	4,0		BEL-08-45°-DN 06
06	1/4“	10	65,0	22,5	4,0	6,5		BEL-10-45°-DN 06
08	5/16“	10	64,5	25,0	5,5	5,5		BEL-10-45°-DN 08
10	3/8“	10	64,0	24,5	7,0	7,0		BEL-10-45°-DN 10
08	5/16“	12	59,0	24,0	5,5	8,0		BEL-12-45°-DN 08
10	3/8“	12	59,0	24,5	7,0	7,0		BEL-12-45°-DN 10
12	1/2“	12			9,5	8,0		BEL-12-45°-DN 12
12	1/2“	15	69,0	27,5	9,5	9,5		BEL-15-45°-DN 12
16	5/8“	18	73,0	34,0	12,5	12,5		BEL-18-45°-DN 16
19	3/4“	22	92,0	41,5	14,5	14,5		BEL-22-45°-DN 19
25	1“	28	108,0	47,0	20,0	20,0		BEL-28-45°-DN 25
31	1 1/4“	35	144,0	68,0	25,5	25,5		BEL-35-45°-DN 31
38	1 1/2“	42	159,0	73,5	31,5	31,5		BEL-42-45°-DN 38

Reihe / Series BES

Schlauch Hose	DN Bore	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**D**	**A**	**B**	**C**	**C1**		
05	3/16“	6	50,0	22,0	3,0	3,0		BES-06-45°-DN 05
06	1/4“	6	51,0	21,0	4,0	4,0		BES-06-45°-DN 06
06	1/4“	8	60,0	22,0	4,0	4,0		BES-08-45°-DN 06
06	1/4“	10	65,0	22,5	4,0	6,5		BES-10-45°-DN 06
08	5/16“	10	64,5	25,0	5,5	5,5		BES-10-45°-DN 08
10	3/8“	10	64,5	25,0	7,0	7,0		BES-10-45°-DN 10
08	5/16“	12	59,0	24,0	5,5	8,0		BES-12-45°-DN 08
10	3/8“	12	48,0	45,0	7,0	7,0		BES-12-45°-DN 10
12	1/2“	12			9,5			BES-12-45°-DN 12
10	3/8“	14			7,0			BES-14-45°-DN 10
12	1/2“	16	78,0	32,0	9,5	9,5		BES-16-45°-DN 12
16	5/8“	20	71,5	31,0	12,5	12,5		BES-20-45°-DN 16
19	3/4“	25	96,0	42,0	14,5	14,5		BES-25-45°-DN 19
25	1“	30			20,0			BES-30-45°-DN 25
31	1 1/4“	38			25,5			BES-38-45°-DN 31

BE - SL - Gerade

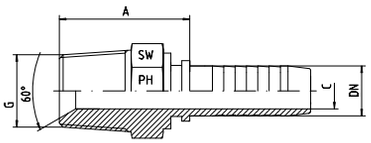
BE - SL - Straight



Schlauch Hose	DN Bore	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	D	A	C	L		
06	1/4“	6	28,0	4,0	20,0		BE-06-SL-DN 06
06	1/4“	8	28,0	4,0	20,0		BE-08-SL-DN 06
06	1/4“	10	33,5	4,0	25,0		BE-10-SL-DN 06
06	1/4“	1/4“	30,5	4,0	22,0		BE-1/4“-SL-DN 06
06	1/4“	3/8“	33,5	4,0	24,0		BE-3/8“-SL-DN 06
08	5/16“	12	35,0	5,5	25,0		BE-12-SL-DN 08
08	5/16“	1/2“	35,0	5,5	25,0		BE-1/2“-SL-DN 08
10	3/8“	5/16“	31,5	7,0	23,0		BE-5/16“-SL-DN 10
10	3/8“	1/4“	30,5	7,0	22,0		BE-1/4“-SL-DN 10
10	3/8“	10	33,5	7,0	25,0		BE-10-SL-DN 10
10	3/8“	12	33,5	7,0	25,0		BE-12-SL-DN 10
10	3/8“	3/8“	33,5	7,0	25,0		BE-3/8“-SL-DN 10
10	3/8“	1/2“	33,5	7,0	25,0		BE-1/2“-SL-DN 10
12	1/2“	12					BE-12-SL-DN 12
12	1/2“	15	36,0	9,5	27,5		BE-15-SL-DN 12
12	1/2“	16	36,5	9,5	27,5		BE-16-SL-DN 12
12	1/2“	1/2“	38,0	8,0	30,0		BE-1/2“-SL-DN 12
12	1/2“	5/8“	36,5	9,5	27,5		BE-5/8“-SL-DN 12
16	5/8“	16	35,0	12,5	27,5		BE-16-SL-DN 16
16	5/8“	18	35,0	12,5	27,0		BE-18-SL-DN 16
16	5/8“	5/8“	35,0	12,5	27,5		BE-5/8“-SL-DN 16
16	5/8“	3/4“	47,5	19,0	40,0		BE-3/4“-SL-DN 16
19	3/4“	3/4“	51,0	14,5	40,0		BE-3/4“-SL-DN 19
25	1“	1“	55,7	20,0	45,0		BE-1“-SL-DN 25

AGRk = Kegeliges Rohraußengewinde

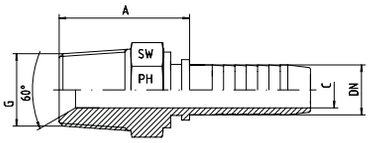
AGRk = BSP - Male - Taper



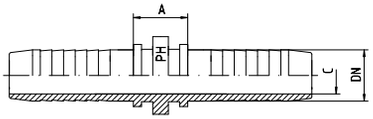
Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**C**	**SW**		
05	3/16“	1/8“-28 keg	19,5	3,0	11		AGRk-1/8“-DN 05
06	1/4“	1/8“-28 keg	20,0	4,0	14		AGRk-1/8“-DN 06
05	3/16“	1/4“-19 keg	23,5	3,0	14		AGRk-1/4“-DN 05
06	1/4“	1/4“-19 keg	28,0	4,0	14		AGRk-1/4“-DN 06
08	5/16“	1/4“-19 keg	27,0	5,5	14		AGRk-1/4“-DN 08
10	3/8“	1/4“-19 keg	26,5	7,0	17		AGRk-1/4“-DN 10
06	1/4“	3/8“-19 keg	25,5	4,0	19		AGRk-3/8“-DN 06
08	5/16“	3/8“-19 keg	26,5	5,5	19		AGRk-3/8“-DN 08
10	3/8“	3/8“-19 keg	26,5	7,0	19		AGRk-3/8“-DN 10
12	1/2“	3/8“-19 keg	27,5	9,5	19		AGRk-3/8“-DN 12
10	3/8“	1/2“-14 keg	27,5	7,0	22		AGRk-1/2“-DN 10
12	1/2“	1/2“-14 keg	29,0	9,5	22		AGRk-1/2“-DN 12
16	5/8“	1/2“-14 keg	27,0	12,5	24		AGRk-1/2“-DN 16
19	3/4“	1/2“-14 keg	34,0	14,5	27		AGRk-1/2“-DN 19
12	1/2“	3/4“-14 keg	33,5	9,5	27		AGRk-3/4“-DN 12
16	5/8“	3/4“-14 keg	36,5	12,5	27		AGRk-3/4“-DN 16
19	3/4“	3/4“-14 keg	38,5	14,5	27		AGRk-3/4“-DN 19
25	1“	3/4“-14 keg	35,7	14,5	32		AGRk-3/4“-DN 25
19	3/4“	1“-11 keg	46,5	14,5	36		AGRk-1“-DN 19
25	1“	1“-11 keg	38,7	20,0	36		AGRk-1“-DN 25
31	1 1/4“	1 1/4“-11 keg	45,0	25,5	46		AGRk-1 1/4“-DN 31
38	1 1/2“	1 1/2“-11 keg	50,0	31,5	50		AGRk-1 1/2“-DN 38
51	2“	2“-11 keg	56,0	43,0	65		AGRk-2“-DN 51

AGN = NPT-Außengewinde

AGN = NPT - Male



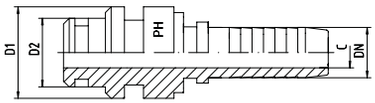
Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	G	A	C	SW		
05	3/16“	1/8“-27 NPT	21,0	3,0	11		AGN-1/8“-DN 05
06	1/4“	1/8“-27 NPT	23,5	4,0	14		AGN-1/8“-DN 06
10	3/8“	1/8“-27 NPT	23,5	5,0	17		AGN-1/8“-DN 10
05	3/16“	1/4“-18 NPT	26,5	3,0	14		AGN-1/4“-DN 05
06	1/4“	1/4“-18 NPT	28,5	4,0	14		AGN-1/4“-DN 06
08	5/16“	1/4“-18 NPT	29,5	5,5	14		AGN-1/4“-DN 08
10	3/8“	1/4“-18 NPT	29,0	7,0	17		AGN-1/4“-DN 10
06	1/4“	3/8“-18 NPT	29,0	4,0	19		AGN-3/8“-DN 06
08	5/16“	3/8“-18 NPT	28,5	5,5	19		AGN-3/8“-DN 08
10	3/8“	3/8“-18 NPT	29,5	7,0	19		AGN-3/8“-DN 10
12	1/2“	3/8“-18 NPT	31,5	9,5	19		AGN-3/8“-DN 12
10	3/8“	1/2“-14 NPT	33,5	7,0	22		AGN-1/2“-DN 10
12	1/2“	1/2“-14 NPT	34,0	9,5	22		AGN-1/2“-DN 12
16	5/8“	1/2“-14 NPT	35,5	12,5	24		AGN-1/2“-DN 16
19	3/4“	1/2“-14 NPT	40,0	14,5	27		AGN-1/2“-DN 19
12	1/2“	3/4“-14 NPT	35,5	9,5	27		AGN-3/4“-DN 12
16	5/8“	3/4“-14 NPT	36,5	12,5	27		AGN-3/4“-DN 16
19	3/4“	3/4“-14 NPT	38,5	14,5	27		AGN-3/4“-DN 19
25	1“	3/4“-14 NPT	40,0	15,0	32		AGN-3/4“-DN 25
19	3/4“	1“-11,5 NPT	43,5	14,5	36		AGN-1“-DN 19
25	1“	1“-11,5 NPT	46,5	20,0	36		AGN-1“-DN 25
25	1“	1 1/4“-11,5 NPT	46,0	20,0	46		AGN-1 1/4“-DN 25
31	1 1/4“	1 1/4“-11,5 NPT	48,0	25,5	46		AGN-1 1/4“-DN 31
31	1 1/4“	1 1/2“-11,5 NPT	44,0	25,5	50		AGN-1 1/2“-DN 31
38	1 1/2“	1 1/2“-11,5 NPT	54,5	31,5	50		AGN-1 1/2“-DN 38
51	2“	2“-11,5 NPT	56,0	43,0	65		AGN-2“-DN 51



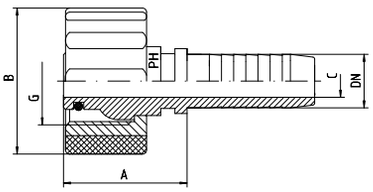
Schlauch Hose	DN Bore	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**A**	**C**		
06	1/4“	23,0	4,0		DSN-DN 06
08	5/16“	23,0	5,5		DSN-DN 08
10	3/8“	19,0	7,0		DSN-DN 10
12	1/2“	23,0	9,5		DSN-DN 12
16	5/8“	25,5	12,5		DSN-DN 16
19	3/4“	31,5	14,5		DSN-DN 19
25	1“	32,5	20,0		DSN-DN 25
31	1 1/4“	39,0	25,5		DSN-DN 31
38	1 1/2“	41,0	31,5		DSN-DN 38
51	2“	41,0	43,0		DSN-DN 51

Torsionsfrei

Torsion-free



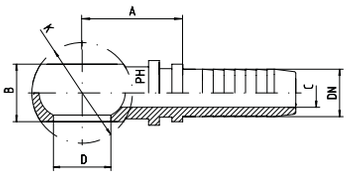
Schlauch Hose	**DN** Bore	**Ca. Maße** Approx. Dimensions			**Bemerkungen** Notes	**Bestellzeichen** Order-Code
DN	**in.**	**D1**	**D2**	**C**		
06	1/4“	15,0	10,0	4,0		STN-15-DN 06
10	3/8“	20,0	14,0	7,0		STN-20-DN 10
12	1/2“	24,0	18,0	9,5		STN-24-DN 12
16	5/8“	26,0	21,0	12,5		STN-26-DN 16
16	5/8“	29,0	24,0	12,5		STN-29-DN 16
19	3/4“	29,0	24,0	14,5		STN-29-DN 19
25	1“	39,0	31,0	20,0		STN-39-DN 25



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**B**	**C**		
06	1/4“	M 22 x 1,5	31,5	35,0	4,0		DKO-KÄ-DN 06
08	5/16“	M 22 x 1,5	31,5	35,0	5,5		DKO-KÄ-DN 08
10	3/8“	M 22 x 1,5	31,5	35,0	7,0		DKO-KÄ-DN 10
12	1/2“	M 22 x 1,5	30,5	35,0	9,5		DKO-KÄ-DN 12

Metrisch + Zöllig

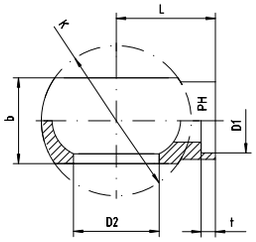
Metric + BSP



Schlauch Hose	**DN** Bore	**Für Hohlschraube** For Bold	**Ca. Maße** Approx. Dimensions				**Bemerkungen** Notes	**Bestellzeichen** Order-Code
DN	**in.**		**A**	**B**	**C**	**D**		
06	1/4“	M 8 x 1	33,5	10,0	4,0	8,1		RGN-08-DN 06
06	1/4“	M 10 x 1 + G 1/8“	33,0	10,0	4,0	10,1		RGN-10-DN 06
06	1/4“	M 12 x 1,5	36,0	12,0	4,0	12,1		RGN-12-DN 06
06	1/4“	M 14 x 1,5	27,5	14,0	4,0	14,1		RGN-14-DN 06
06	1/4“	G 1/4“	27,5	14,0	4,0	13,3		RGN-1/4“-DN 06
06	1/4“	M 16 x 1,5 + G 3/8“	35,5	16,0	4,0	16,6		RGN-16-DN 06
08	5/16“	M 10 x 1 + G 1/8“	33,0	10,0	5,5	10,1		RGN-10-DN 08
08	5/16“	M 12 x 1,5	36,0	12,0	5,5	12,1		RGN-12-DN 08
08	5/16“	M 14 x 1,5	27,5	14,0	5,5	14,1		RGN-14-DN 08
08	5/16“	M 16 x 1,5 + G 3/8“	35,5	16,0	5,5	16,6		RGN-16-DN 08
10	3/8“	M 14 x 1,5	37,5	14,0	7,0	14,1		RGN-14-DN 10
10	3/8“	M 16 x 1,5 + G 3/8“	35,5	16,0	7,0	16,6		RGN-16-DN 10
10	3/8“	M 18 x 1,5	40,5	20,0	7,0	18,1		RGN-18-DN 10
10	3/8“	G 1/2“	45,5	22,0	7,0	21,2		RGN-1/2“-DN 10
12	1/2“	G 1/2“	46,5	22,0	9,5	21,2		RGN-1/2“-DN 12
12	1/2“	M 16 x 1,5 + G 3/8“	36,0	16,0	9,5	16,6		RGN-16-DN 12
12	1/2“	M 18 x 1,5	38,0	20,0	9,5	18,1		RGN-18-DN 12
12	1/2“	M 22 x 1,5	47,0	25,0	9,5	22,1		RGN-22-DN 12
16	5/8“	M 22 x 1,5	47,5	25,0	12,5	22,1		RGN-22-DN 16
19	3/4“	M 26 x 1,5 + G 3/4“	53,0	30,0	14,5	26,3		RGN-26-DN 19

DIN 7642
Für Lötung, Form B

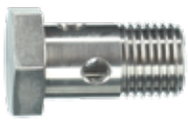
DIN 7642
For Soldering, Form B

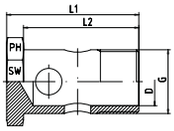


Rohr A.D. Tube O.D.	**Für Hohlschraube** For Bold	**Ca. Maße** Approx. Dimensions				**Bemerkungen** Notes	**Bestellzeichen** Order-Code
D1		**b**	**L**	**t**	**K**		
6	M 10 x 1 + 1/8“	10,0	16,0	6,0	17,0		RGN-06
8	M 12 x 1,5	12,0	18,0	6,0	20,0		RGN-08
10	M 14 x 1,5	14,0	20,0	6,0	24,0		RGN-10
12	M 16 x 1,5 + 3/8“	16,0	22,0	6,0	28,0		RGN-12
15	M 18 x 1,5	20,0	24,0	6,0	32,0		RGN-15
18	M 22 x 1,5	25,0	27,0	6,0	39,0		RGN-18
22	M 26 x 1,5 + 3/4“	30,0	32,0	8,0	46,0		RGN-22

Metrisch (DIN 7643) + Zöllig

Metric (DIN 7643) + BSP

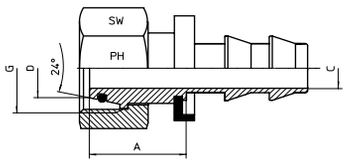




Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
G	**L1**	**L2**	**D**	**SW**		
M 10 x 1	25,0	19,0	5,5	14		HS-M 10x1
M 12 x 1,5	30,0	24,0	7,0	17		HS-M 12x1,5
M 14 x 1,5	32,0	26,0	9,0	19		HS-M 14x1,5
M 16 x 1,5	34,0	28,0	11,0	22		HS-M 16x1,5
M 18 x 1,5	38,0	32,0	13,0	24		HS-M 18x1,5
M 22 x 1,5	46,0	39,0	16,0	27		HS-M 22x1,5
M 26 x 1,5	52,0	45,0	20,0	32		HS-M 26x1,5
G 1/8“	25,0	19,0	5,5	14		HS-G 1/8“
G 1/4“	32,0	26,0	8,0	19		HS-G 1/4“
G 3/8“	34,0	28,0	11,0	22		HS-G 3/8“
G 1/2“	45,0	38,0	13,0	27		HS-G 1/2“
G 3/4“	52,0	45,0	20,0	32		HS-G 3/4“

Einsteck-DKOL-Nippel für Steckschlauch
Für Gegenanschluss mit 24°-Konus
und Schneidringverschraubungen
DIN 2353 / DIN EN ISO 8434-1
Leichte Reihe = DKOL - Gerade
O-Ring = FPM
Auf Anfrage: NBR

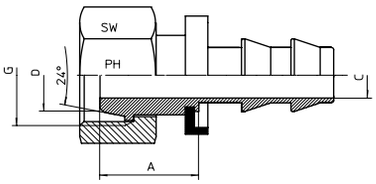
Push-Lock-DKOL-Nipples for Push-on-Hose
For Fittings with 24°-Cone and Solderless Connectors
DIN 2353 / DIN EN ISO 8434-1
Light Series = DKOL - Straight
O-ring = FPM
On Request: NBR



Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			O-Ring O-ring	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**C**	**SW**		
06	1/4“	M 12 x 1,5	6	18,5	3,7	14	4,5 x 1,5	PL-DKOL-06-DN 06
06	1/4“	M 14 x 1,5	8	20,0	4,0	17	6,0 x 1,5	PL-DKOL-08-DN 06
10	3/8“	M 16 x 1,5	10	22,0	7,0	19	8,0 x 1,5	PL-DKOL-10-DN 10
10	3/8“	M 18 x 1,5	12	26,0	7,0	22	10,0 x 1,5	PL-DKOL-12-DN 10
12	1/2“	M 22 x 1,5	15	22,5	10,0	27	12,0 x 2,0	PL-DKOL-15-DN 12
16	5/8“	M 26 x 1,5	18	22,0	13,5	32	15,0 x 2,0	PL-DKOL-18-DN 16
19	3/4“	M 30 x 2	22	25,0	15,0	36	19,0 x 2,0	PL-DKOL-22-DN 19
25	1“	M 36 x 2	28	26,5	21,0	41	25,0 x 2,0	PL-DKOL-28-DN 25

Einsteck-DKL-Nippel für Steckschlauch
Für Gegenanschluss mit 24°-Konus
und Schneidringverschraubungen
DIN 2353 / DIN EN ISO 8434-1
Leichte Reihe = DKL - Gerade

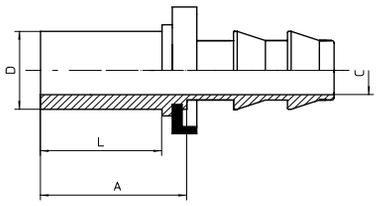
Push-Lock-DKL-Nipples for Push-on-Hose
For Fittings with 24°-Cone and Solderless Connectors
DIN 2353 / DIN EN ISO 8434-1
Light Series = DKL - Straight



Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**C**	**SW**		
06	1/4“	M 12 x 1,5	6	18,5	3,7	14		PL-DKL-M 12x1,5-DN 06
06	1/4“	M 14 x 1,5	8	18,5	4,0	17		PL-DKL-M 14x1,5-DN 06
06	1/4“	M 16 x 1,5	10	19,5	4,0	19		PL-DKL-M 16x1,5-DN 06
10	3/8“	M 16 x 1,5	10	14,0	7,0	19		PL-DKL-M 16x1,5-DN 10
10	3/8“	M 18 x 1,5	12	19,5	7,0	22		PL-DKL-M 18x1,5-DN 10
12	1/2“	M 22 x 1,5	15	20,0	10,0	27		PL-DKL-M 22x1,5-DN 12
16	5/8“	M 26 x 1,5	18	18,0	13,5	32		PL-DKL-M 26x1,5-DN 16
19	3/4“	M 30 x 2	22	22,0	15,0	36		PL-DKL-M 30x2-DN 19
25	1“	M 36 x 2	28	26,0	21,0	41		PL-DKL-M 36x2-DN 25

Einsteck-BEL-Nippel für Steckschlauch
Leichte Reihe = BEL - Gerade

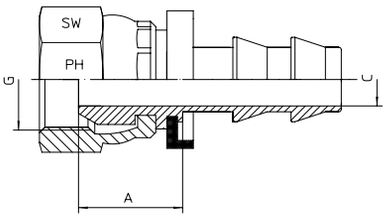
Push-Lock-BEL-Nipples for Push-on-Hose
Light Series = BEL - Straight



Schlauch Hose	**DN** Bore	**Rohr A.D.** Tube O.D.	**Ca. Maße** Approx. Dimensions			**Bemerkungen** Notes	**Bestellzeichen** Order-Code
DN	**in.**	**D**	**A**	**C**	**L**		
06	1/4“	6	25,0	4,0	20,0		PL-BEL-06-DN 06
06	1/4“	8	27,0	4,0	22,0		PL-BEL-08-DN 06
10	3/8“	10	30,0	7,0	25,0		PL-BEL-10-DN 10
10	3/8“	12	30,0	7,0	25,0		PL-BEL-12-DN 10
12	1/2“	15	32,0	10,0	25,0		PL-BEL-15-DN 12
16	5/8“	18	33,0	13,5	27,0		PL-BEL-18-DN 16
19	3/4“	22	33,0	15,0	27,0		PL-BEL-22-DN 19
25	1“	28	35,3	21,0	30,0		PL-BEL-28-DN 25

Einsteck-DKR-Nippel für Steckschlauch
Mit BSP Überwurfmutter
Für Gegenanschluss mit 60°-Konus
DKR - Gerade

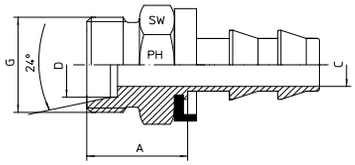
Push-Lock-DKR-Nipples for Push-on-Hose
With BSP Union Nut
For Connectors with 60°-Cone
DKR - Straight



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**C**	**SW**		
06	1/4“	1/4“-19	18,5	4,0	17		PL-DKR-1/4“-DN 06
10	3/8“	3/8“-19	17,0	7,0	19		PL-DKR-3/8“-DN 10
12	1/2“	1/2“-14	18,5	10,0	27		PL-DKR-1/2“-DN 12
19	3/4“	3/4“-14	20,5	15,0	32		PL-DKR-3/4“-DN 19
25	1“	1“-11	20,5	21,0	41		PL-DKR-1“-DN 25

Einsteck-CEL-Nippel für Steckschlauch
Mit 24°-Konus für Schneidringverschraubungen
DIN 2353 / DIN EN ISO 8434-1
Leichte Reihe = CEL

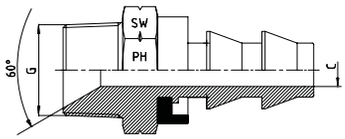
Push-Lock-CEL-Nipples for Push-on-Hose
For Compression Couplings
DIN 2353 / DIN EN ISO 8434-1 with 24°-Cone
Light Series = CEL



Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**C**	**SW**		
06	1/4“	M 12 x 1,5	6			14		PL-CEL-06-DN 06
06	1/4“	M 14 x 1,5	8			14		PL-CEL-08-DN 06
10	3/8“	M 16 x 1,5	10			17		PL-CEL-10-DN 10
10	3/8“	M 18 x 1,5	12			19		PL-CEL-12-DN 10
12	1/2“	M 22 x 1,5	15	22,5	9,5	24		PL-CEL-15-DN 12
16	5/8“	M 26 x 1,5	18	22,0	13,0	27		PL-CEL-18-DN 16
19	3/4“	M 30 x 2	22			30		PL-CEL-22-DN 19
25	1“	M 36 x 2	28			36		PL-CEL-28-DN 25

Einsteck-Aussengewinde-Nippel für Steckschlauch
PL-AGN mit 60°-Innenkonus
NPT-Gewinde: ANSI / ASME B1.20.1-1983

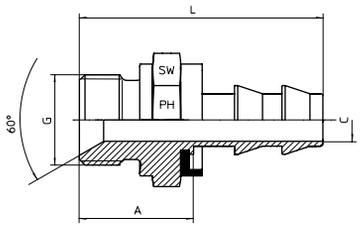
Push-Lock-Male for Push-on-Hose
PL-AGN with 60°-Cone
NPT-Thread: ANSI / ASME B1.20.1-1983



Schlauch Hose	**DN** Bore	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
DN	**in.**	**G = NPT**	**SW**		
06	1/4“	1/8“-27	12		PL-AGN-1/8“-DN 06
06	1/4“	1/4“-18	14		PL-AGN-1/4“-DN 06
10	3/8“	1/4“-18	14		PL-AGN-1/4“-DN 10
10	3/8“	3/8“-18	22		PL-AGN-3/8“-DN 10
12	1/2“	1/2“-14	22		PL-AGN-1/2“-DN 12
16	5/8“	1/2“-14	22		PL-AGN-1/2“-DN 16
19	3/4“	3/4“-14	27		PL-AGN-3/4“-DN 19
25	1“	1“-11,5	36		PL-AGN-1“-DN 25

Einsteck-Aussengewinde-Nippel für Steckschlauch
PL-AGR mit 60 °-Innenkonus
und angedrehter Dichtkante
Form B
Gewinde: BSP Zylindrisch

Push-Lock-Male for Push-on-Hose
PL-AGR with 60°-Cone and Seling Shoulder
Form B
Thread: BSP-Parallel



Schlauch Hose	DN Bore	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**A**	**C**	**L**	**SW**		
06	1/4“	15,5	5,0	34,0	14		PL-AGR-1/8“-DN 06
06	1/4“	20,0	5,0	38,5	19		PL-AGR-1/4“-DN 06
10	3/8“	21,0	7,0	45,0	19		PL-AGR-1/4“-DN 10
10	3/8“	23,5	7,0	47,5	22		PL-AGR-3/8“-DN 10
12	1/2“	28,5	10,0	58,5	27		PL-AGR-1/2“-DN 12
16	5/8“	27,5	13,0	63,5	27		PL-AGR-1/2“-DN 16
19	3/4“	30,0	15,0	70,0	32		PL-AGR-3/4“-DN 19
25	1“	35,5	21,0	71,5	41		PL-AGR-1“-DN 25

Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**C**	**SW**		
06	1/4“	M 12 x 1,5	6			14		PL-CEL-06-DN 06
06	1/4“	M 14 x 1,5	8			14		PL-CEL-08-DN 06
10	3/8“	M 16 x 1,5	10			17		PL-CEL-10-DN 10
10	3/8“	M 18 x 1,5	12			19		PL-CEL-12-DN 10
12	1/2“	M 22 x 1,5	15	22,5	9,5	24		PL-CEL-15-DN 12
16	5/8“	M 26 x 1,5	18	22,0	13,0	27		PL-CEL-18-DN 16
19	3/4“	M 30 x 2	22			30		PL-CEL-22-DN 19
25	1“	M 36 x 2	28			36		PL-CEL-28-DN 25

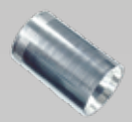
Schlaucharmaturen mit Ausreißsicherung – Interlock Serie

Hose Couplings with Wire Trap Area – Interlock Series

3

SCHLAUCHARMATUREN MIT AUSREISSSICHERUNG - INTERLOCK SERIE

HOSE COUPLINGS WITH WIRE TRAP AREA- INTERLOCK SERIES

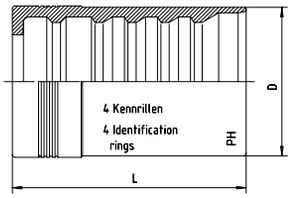
Produktgruppen	Product-Groups	Seite / Page	
Interlock - Fassungen	**Interlock - Ferrules**		
P4-I	P4-I	3.3	
P6-I	P6-I	3.4	
P7-I	P7-I	3.5	
24°- Dichtkegel mit O-Ring - Interlock	**24°- Cone with O-Ring - Interlock**		
Leichte Reihe - Gerade	Light Series - Straight	3.6	
Schwere Reihe - Gerade	Heavy Series - Straight	3.7	
Leichte Reihe - 90°- Bogen	Light Series - 90°- Elbow	3.8	
Schwere Reihe - 90°- Bogen	Heavy Series - 90°- Elbow	3.9	
Leichte Reihe - 45°- Bogen	Light Series - 45°- Elbow	3.10	
Schwere Reihe - 45°- Bogen	Heavy Series - 45°- Elbow	3.11	
24°- Konus - Außengewinde - Interlock	**24°- Male - Cone - Interlock**		
Interlock - CES - Armaturen - 24°- Konus	Interlock - Fittings - CES - Male Inserts - 24°- Cone	3.12	
60°- Dichtkegel mit O-Ring - Interlock	**60°- Cone with O-Ring - Interlock**		
Gerade	Straight	3.13	
90°- Bogen	90°- Elbow	3.14	
45°- Bogen	45°- Elbow	3.15	
60°- Konus - Außengewinde - Interlock	**60°- Male - Cone-Interlock**		
Interlock - Außengwinde	Interlock - Male - Inserts	3.16	
37°- (JIC) - Dichtkegel - Interlock	**37°- (JIC) - Cone - Interlock**		
Gerade	Straight	3.17	
90°- Bogen	90°- Elbow	3.18	
45°- Bogen	45°- Elbow	3.19	
37°- (JIC) - Kegel - Interlock	**37°- (JIC) - Male - Cone - Interlock**		
Interlock - Armaturen - JIC	Interlock - Fittings - JIC	3.20	

SCHLAUCHARMATUREN MIT AUSREISSSICHERUNG - INTERLOCK SERIE
HOSE COUPLINGS WITH WIRE TRAP AREA- INTERLOCK SERIES

Produktgruppen	Product-Groups	Seite / Page	
SAE - Flansch - Interlock	**SAE - Flanges - Interlock**		
Gerade	Straight	3.21	
90°- Bogen	90°- Elbow	3.22	
45°- Bogen	45°- Elbow	3.23	
Doppelschlauch - Armaturen - Interlock	**Hose - Menders - Interlock**		
Doppelschlauch - Armaturen - Interlock	Hose - Menders - Interlock	3.24	
Außengewinde - Interlock	**Male - Inserts - Interlock**		
Interlock - NPT - Außengewinde	Interlock - NPT - Male - AGN - Inserts	3.25	

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
Außen und innen schälen
Zu verwenden für Armaturen Rubrik 3.6-3.25

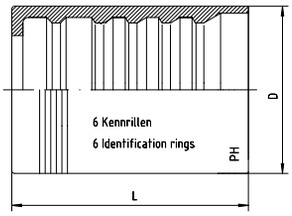
With Wire Trap Area - Heavy Series
Interlock Series
External and internal skive
To use for Inserts Category 3.6-3.25



Schlauch Hose	DN Bore	Ca. Maße Approx. Dimensions		Für Schlauchtyp For Hose Type	Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	D	L			
19	3/4“	38	56	4 SP + 4 SH		P4-I-DN 19
25	1“	46	75	4 SP + 4 SH + R 12		P4-I-DN 25
31	1 1/4“	55	85	4 SH		P4-I-DN 31
38	1 1/2“	64	100	4 SH		P4-I-DN 38
51	2“	78	103	4 SH		P4-I-DN 51

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
Außen und innen schälen
Zu verwenden für Armaturen Rubrik 3.6-3.25

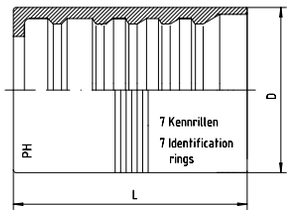
With Wire Trap Area - Heavy Series
Interlock Series
External and internal skive
To use for Inserts Category 3.6-3.25



Schlauch Hose	DN Bore	Ca. Maße Approx. Dimensions		Für Schlauchtyp For Hose Type	Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**D**	**L**			
19	3/4“	38,0	56	R 13		P6-I-DN 19
25	1“	46,0	75	R 13		P6-I-DN 25
31	1 1/4“	60,0	85	R 13		P6-I-DN 31
38	1 1/2“	70,0	100	R 13		P6-I-DN 38
51	2“	84,5	103	R 13		P6-I-DN 51

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
Außen und innen schälen
Zu verwenden für Armaturen Rubrik 3.6-3.25

With Wire Trap Area - Heavy Series
Interlock Series
External and internal skive
To use for Inserts Category 3.6-3.25

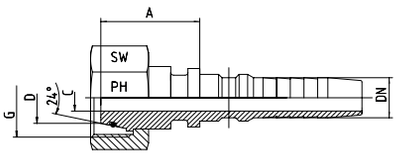


Schlauch Hose	DN Bore	Ca. Maße Approx. Dimensions		Für Schlauchtyp For Hose Type	Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	D	L			
19	3/4“	38	56	R 15		P7-I-DN 19
25	1“	46	75	R 15		P7-I-DN 25
31	1 1/4“	60	85	R 15		P7-I-DN 31
38	1 1/2“	70	100	R 15		P7-I-DN 38

24°- DICHTKEGEL
MIT O-RING - INTERLOCK
24°- CONE WITH O-RING - INTERLOCK

Mit Ausreißsicherung
Interlock Serie
DKOL - Gerade - 24°-Konus

With Wire Trap Area
Interlock Series
DKOL - Straight - 24°-Cone



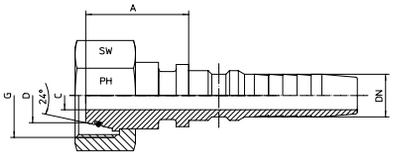
Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**C**	**SW**			
19	3/4“	M 30 x 2	22	38,5	14,5	36	20,0 x 2,0		I-DKOL-22-DN 19
25	1“	M 36 x 2	28	38,0	20,0	41	25,0 x 2,0		I-DKOL-28-DN 25
31	1 1/4“	M 45 x 2	35	42,0	25,0	50	31,0 x 2,5		I-DKOL-35-DN 31
38	1 1/2“	M 52 x 2	42	41,0	31,5	60	38,0 x 2,5		I-DKOL-42-DN 38

24°- DICHTKEGEL MIT O-RING - INTERLOCK

24°- CONE WITH O-RING - INTERLOCK

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
DKOS - Gerade - 24°-Konus

With Wire Trap Area - Heavy Series
Interlock Series
DKOS - Gerade - 24°-Cone

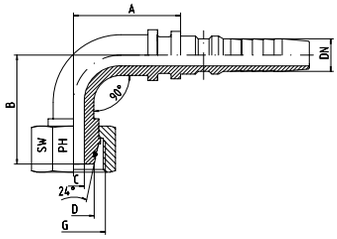


Schlauch Hose	**DN** Bore	**Gewinde** Thread	**Rohr A.D.** Tube O.D.	**Ca. Maße** Approx. Dimensions			**O-Ring** O-ring	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
DN	**in.**	**G**	**D**	**A**	**C**	**SW**			
									I-DKOS-16-DN 19
19	3/4“	M 30 x 2	20	34,5	14,5	36	16,3 x 2,4		I-DKOS-20-DN 19
19	3/4“	M 36 x 2	25	41,0	14,5	46	21,3 x 2,4		I-DKOS-25-DN 19
25	1“	M 36 x 2	25	38,5	19,0	46	22,0 x 2,5		I-DKOS-25-DN 25
25	1“	M 42 x 2	30	43,0	20,0	50	25,3 x 2,4		I-DKOS-30-DN 25
31	1 1/4“	M 42 x 2	30	43,0	23,0	50	25,3 x 2,4		I-DKOS-30-DN 31
31	1 1/4“	M 52 x 2	38	48,5	25,0	60	35,0 x 2,5		I-DKOS-38-DN 31
38	1 1/2“	M 52 x 2	38	41,0	28,0	60	35,0 x 2,5		I-DKOS-38-DN 38
38	1 1/2“	M 68 x 2	50	51,5	31,5	80	46,0 x 3,0		I-DKOS-50-DN 38

24°- DICHTKEGEL
MIT O-RING - INTERLOCK
24°- CONE WITH O-RING - INTERLOCK

Mit Ausreißsicherung
Interlock Serie
DKOL - 90°-Bogen - 24°-Konus

With Wire Trap Area
Interlock Series
DKOL - 90°-Elbow - 24°-Cone



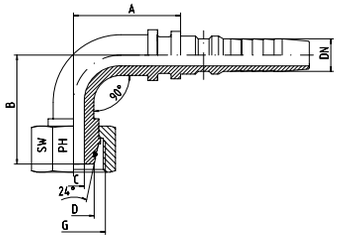
Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**B**	**C**	**SW**			
19	3/4“	M 30 x 2	22	78,5	80,0	14,5	36	20,0 x 2,0		I-DKOL-22-90°-DN 19
25	1“	M 36 x 2	28	87,0	92,0	20,0	41	25,0 x 2,0		I-DKOL-28-90°-DN 25
31	1 1/4“	M 45 x 2	35	103,0	98,0	25,0	50	32,0 x 2,5		I-DKOL-35-90°-DN 31
38	1 1/2“	M 52 x 2	42	124,0	117,0	31,0	60	38,0 x 2,5		I-DKOL-42-90°-DN 38

24°- DICHTKEGEL MIT O-RING - INTERLOCK

24°- CONE WITH O-RING - INTERLOCK

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
DKOS - 90°-Bogen - 24°-Konus

With Wire Trap Area - Heavy Series
Interlock Series
DKOS - 90°-Elbow - 24°-Cone

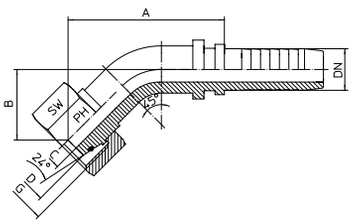


Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	G	D	A	B	C	SW			
19	3/4“	M 30 x 2	20	78,5	83,0	14,5	36	16,3 x 2,4		I-DKOS-20-90°-DN 19
19	3/4“	M 36 x 2	25	75,0	76,0	14,5	46	21,3 x 2,4		I-DKOS-25-90°-DN 19
25	1“	M 36 x 2	25	84,0	95,5	20,0	46	21,3 x 2,4		I-DKOS-25-90°-DN 25
25	1“	M 42 x 2	30	81,0	85,0	20,0	50	25,3 x 2,4		I-DKOS-30-90°-DN 25
31	1 1/4“	M 52 x 2	38	103,0	101,0	25,0	60	35,0 x 2,5		I-DKOS-38-90°-DN 31
38	1 1/2“	M 68 x 2	50	125,0	111,0	31,0	80	46,0 x 3,0		I-DKOS-50-90°-DN 38

24°- DICHTKEGEL
MIT O-RING - INTERLOCK
24°- CONE WITH O-RING - INTERLOCK

Mit Ausreißsicherung
Interlock Serie
DKOL - 45°-Bogen - 24°-Konus

With Wire Trap Area
Interlock Series
DKOL - 45°-Elbow - 24°-Cone



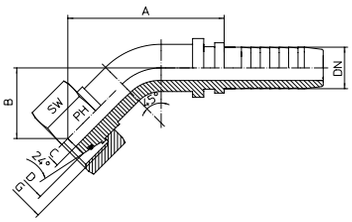
Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**B**	**C**	**SW**			
19	3/4“	M 30 x 2	22	95,0	45,0	14,5	36	20,0 x 2,0		I-DKOL-22-45°-DN 19
25	1“	M 36 x 2	28	102	50,0	20,0	41	25,0 x 2,0		I-DKOL-28-45°-DN 25
31	1 1/4“	M 45 x 2	35	120	50,0	25,0	50	32,0 x 2,5		I-DKOL-35-45°-DN 31
38	1 1/2“	M 52 x 2	42	140	61,0	31,0	60	38,0 x 2,5		I-DKOL-42-45°-DN 38

24°- DICHTKEGEL MIT O-RING - INTERLOCK

24°- CONE WITH O-RING - INTERLOCK

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
DKOS - 45°-Bogen - 24°-Konus

With Wire Trap Area - Heavy Series
Interlock Series
DKOS - 45°-Elbow - 24°-Cone



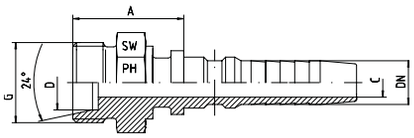
Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**B**	**C**	**SW**			
19	3/4“	M 30 x 2	20	100,0	45,0	14,5	36	16,3 x 2,4		I-DKOS-20-45°-DN 19
19	3/4“	M 36 x 2	25	90,0	40,0	14,5	46	21,3 x 2,4		I-DKOS-25-45°-DN 19
25	1“	M 36 x 2	25	103,0	52,0	20,0	46	21,3 x 2,4		I-DKOS-25-45°-DN 25
25	1“	M 42 x 2	30	95,0	47,0	20,0	50	25,3 x 2,4		I-DKOS-30-45°-DN 25
31	1 1/4“	M 52 x 2	38	117,0	52,0	25,0	60	35,0 x 2,5		I-DKOS-38-45°-DN 31
38	1 1/2“	M 68 x 2	50	136,0	53,0	31,0	80	46,0 x 3,0		I-DKOS-50-45°-DN 38

24°- KONUS - AUSSENGEWINDE - INTERLOCK

24°- MALE - CONE - INTERLOCK

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
CES mit 24°-Konus für Schneidringverschraubung DIN 2353 / DIN EN ISO 8434-1

With Wire Trap Area - Heavy Series
Interlock Series
CES with 24°-Cone for Compression Couplings
DIN 2353 / DIN EN ISO 8434-1



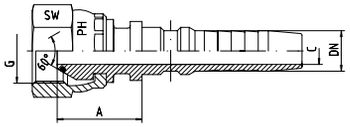
Schlauch Hose	DN Bore	Gewinde Thread	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**D**	**A**	**C**	**SW**		
19	3/4“	M 30 x 2	20	37,5	14,5	32		I-CES-20-DN 19
19	3/4“	M 36 x 2	25	36,0	14,5	36		I-CES-25-DN 19
25	1“	M 36 x 2	25	43,0	20,0	36		I-CES-25-DN 25
25	1“	M 42 x 2	30	40,0	20,0	46		I-CES-30-DN 25
31	1 1/4“	M 42 x 2	30	47,0	25,0	46		I-CES-30-DN 31
31	1 1/4“	M 52 x 2	38	44,5	25,0	55		I-CES-38-DN 31

60°- DICHTKEGEL MIT O-RING - INTERLOCK

60°- CONE WITH O-RING - INTERLOCK

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
DKOR - mit O-Ring und Überwurfmutter
BSP-Gewinde für Gegenanschluss mit 60°-Konus - Gerade

With Wire Trap Area - Heavy Series
Interlock Series
DKOR - with O-ring and BSP Union Nut
For Connectors with 60°-Cone - Straight

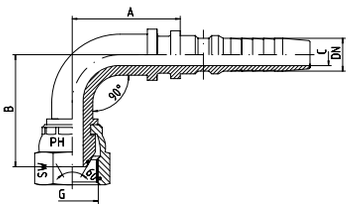


Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**C**	**SW**			
19	3/4“	3/4“-14	32,0	14,5	32	17,0 x 1,5		I-DKOR-3/4“-DN 19
25	1“	1“-11	39,0	20,0	41	22,0 x 1,0		I-DKOR-1“-DN 25
31	1 1/4“	1 1/4“-11	42,0	25,0	50	29,0 x 1,5		I-DKOR-1 1/4“-DN 31
38	1 1/2“	1 1/2“-11	40,0	31,5	60	34,0 x 1,5		I-DKOR-1 1/2“-DN 38
51	2“	2“-11	39,0	42,0	70	48,0 x 1,5		I-DKOR-2“-DN 51

60°- DICHTKEGEL
MIT O-RING - INTERLOCK
60°- CONE WITH O-RING - INTERLOCK

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
DKOR - mit O-Ring und Überwurfmutter
BSP-Gewinde für Gegenanschluss mit 60°-Konus - 90°-Bogen

With Wire Trap Area - Heavy Series
Interlock Series
DKOR - with O-ring and BSP Union Nut
For Connectors with 60°-Cone - 90°-Elbow



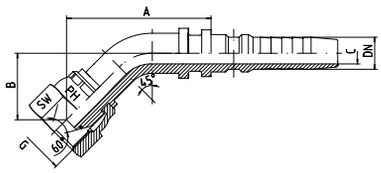
Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**B**	**C**	**SW**			
19	3/4“	3/4“-14	77,0	75,0	14,5	32	17,0 x 1,5		I-DKOR-3/4“-90°-DN 19
25	1“	1“-11	83,0	85,0	20,0	41	22,0 x 1,0		I-DKOR-1“-90°-DN 25
31	1 1/4“	1 1/4“-11	103,0	100,0	25,0	50	29,0 x 1,5		I-DKOR-1 1/4“-90°-DN 31
38	1 1/2“	1 1/2“-11	118,0	110,0	31,0	60	34,0 x 1,5		I-DKOR-1 1/2“-90°-DN 38
51	2“	2“-11	146,0	152,0	41,0	70	48,0 x 1,5		I-DKOR-2“-90°-DN 51

60°- DICHTKEGEL MIT O-RING - INTERLOCK

60°- CONE WITH O-RING - INTERLOCK

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
DKOR - mit O-Ring und Überwurfmutter
BSP-Gewinde für Gegenanschluss mit 60°-Konus - 45°-Bogen

With Wire Trap Area - Heavy Series
Interlock Series
DKOR - with O-ring and BSP Union Nut
For Connectors with 60°-Cone - 45°-Elbow



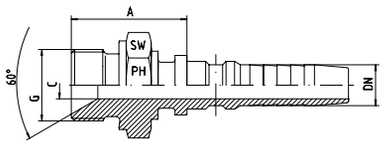
Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**B**	**C**	**SW**			
19	3/4“	3/4“-14	90,0	39,0	14,5	32	17,0 x 1,5		I-DKOR-3/4“-45°-DN 19
25	1“	1“-11	97,0	46,0	20,0	41	22,0 x 1,0		I-DKOR-1“-45°-DN 25
31	1 1/4“	1 1/4“-11	117,0	52,0	25,0	50	29,0 x 1,5		I-DKOR-1 1/4“-45°-DN 31
38	1 1/2“	1 1/2“-11	134,0	49,0	31,0	60	34,0 x 1,5		I-DKOR-1 1/2“-45°-DN 38
51	2“	2“-11	170,0	81,0	41,0	70	48,0 x 1,5		I-DKOR-2“-45°-DN 51

60°- KONUS - AUSSENGEWINDE - INTERLOCK

60°- MALE - CONE - INTERLOCK

Mit 60°-Innenkonus und angedrehter Dichtkante Form B
Gewinde: BSP - Zylindrisch

With 60°-Cone and Sealing Shoulder
Form B
Thread: BSP - Parallel



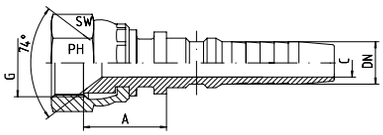
Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	G	A	C	SW		
19	3/4“	3/4“-14	40,5	14,5	32		I-AGR-3/4“-DN 19
19	3/4“	1“-11	44,5	14,5	41		I-AGR-1“-DN 19
25	1“	1“-11	48,5	20,0	41		I-AGR-1“-DN 25
31	1 1/4“	1 1/4“-11	44,0	25,0	50		I-AGR-1 1/4“-DN 31
38	1 1/2“	1 1/2“-11	54,0	31,5	55		I-AGR-1 1/2“-DN 38
51	2“	2“-11	52,5	42,0	70		I-AGR-2“-DN 51

37°- (JIC) - DICHTKEGEL - INTERLOCK

37°- (JIC) - CONE - INTERLOCK

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
JIC-37° - Nippel für 74°-Konusaufnahme
mit Überwurfmutter - Gerade

With Wire Trap Area - Heavy Series
Interlock Series
JIC-37° - Female Nipples for Connectors
with 74°-Cone - Straight



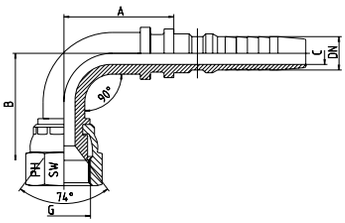
Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G = UN**	**A**	**C**	**SW**		
19	3/4“	1 1/16“-12	35,0	14,5	32		I-DKJ-1 1/16“-DN 19
19	3/4“	1 5/16“-12	34,0	14,5	41		I-DKJ-1 5/16“-DN 19
25	1“	1 5/16“-12	34,0	20,0	41		I-DKJ-1 5/16“-DN 25
25	1“	1 5/8“-12	27,0	20,0	50		I-DKJ-1 5/8“-DN 25
31	1 1/4“	1 5/8“-12	37,0	25,0	50		I-DKJ-1 5/8“-DN 31
38	1 1/2“	1 5/8“-12	40,0	25,5	50		I-DKJ-1 5/8“-DN 38
31	1 1/4“	1 7/8“-12	33,0	25,0	60		I-DKJ-1 7/8“-DN 31
38	1 1/2“	1 7/8“-12	41,5	31,5	60		I-DKJ-1 7/8“-DN 38
38	1 1/2“	2 1/2“-12	69,0	31,5	70		I-DKJ-2 1/2“-DN 38
51	2“	2 1/2“-12	67,5	42,0	70		I-DKJ-2 1/2“-DN 51

37°- (JIC) - DICHTKEGEL - INTERLOCK

37°- (JIC) - CONE - INTERLOCK

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
JIC-37° - Nippel für 74°-Konusaufnahme
mit Überwurfmutter - 90°-Bogen

With Wire Trap Area - Heavy Series
Interlock Series
JIC-37° - Female Nipples for Connectors
with 74°-Cone - 90°-Elbow



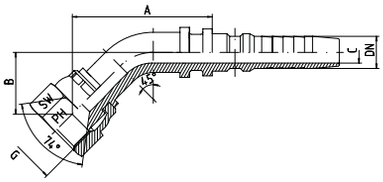
Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G = UN**	**A**	**B**	**C**	**SW**		
19	3/4“	1 1/16“-12	79,0	72,0	14,5	32		I-DKJ-1 1/16“-90°-DN 19
19	3/4“	1 5/16“-12	78,0	79,0	14,5	41		I-DKJ-1 5/16“-90°-DN 19
25	1“	1 5/16“-12	85,0	86,0	20,0	41		I-DKJ-1 5/16“-90°-DN 25
25	1“	1 5/8“-12	107,0	93,0	20,0	50		I-DKJ-1 5/8“-90°-DN 25
31	1 1/4“	1 5/8“-12	103,0	96,0	25,0	50		I-DKJ-1 5/8“-90°-DN 31
31	1 1/4“	1 7/8“-12	125,0	98,0	25,0	60		I-DKJ-1 7/8“-90°-DN 31
38	1 1/2“	1 7/8“-12	122,0	107,0	31,0	60		I-DKJ-1 7/8“-90°-DN 38
38	1 1/2“	2 1/2“-12						I-DKJ-2 1/2“-90°-DN 38
51	2“	2 1/2“-12	145,0	151,5	41,0	70		I-DKJ-2 1/2“-90°-DN 51

37°- (JIC) - DICHTKEGEL - INTERLOCK

37°- (JIC) - CONE - INTERLOCK

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
JIC-37° - Nippel für 74°-Konusaufnahme
mit Überwurfmutter - 45°-Bogen

With Wire Trap Area - Heavy Series
Interlock Series
JIC-37° - Female Nipples for Connectors
with 74°-Cone - 45°-Elbow



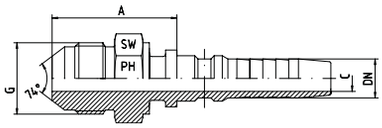
Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G = UN**	**A**	**B**	**C**	**SW**		
19	3/4“	1 1/16“-12	93,0	37,5	14,5	32		I-DKJ-1 1/16“-45°-DN 19
19	3/4“	1 5/16“-12	93,0	43,5	14,5	41		I-DKJ-1 5/16“-45°-DN 19
25	1“	1 5/16“-12	101,0	47,0	20,0	41		I-DKJ-1 5/16“-45°-DN 25
25	1“	1 5/8“-12	123,0	51,0	20,0	50		I-DKJ-1 5/8“-45°-DN 25
31	1 1/4“	1 5/8“-12	116,5	49,0	25,0	50		I-DKJ-1 5/8“-45°-DN 31
31	1 1/4“	1 7/8“-12	146,0	52,0	25,0	60		I-DKJ-1 7/8“-45°-DN 31
38	1 1/2“	1 7/8“-12	130,0	50,0	31,0	60		I-DKJ-1 7/8“-45°-DN 38
38	1 1/2“	2 1/2“-12						I-DKJ-2 1/2“-45°-DN 38
51	2“	2 1/2“-12	166,5	78,0	41,0	70		I-DKJ-2 1/2“-45°-DN 51

37°- (JIC) - KEGEL - INTERLOCK

37°- (JIC) - MALE - CONE - INTERLOCK

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
JIC-Außengewinde - 74°-Konus

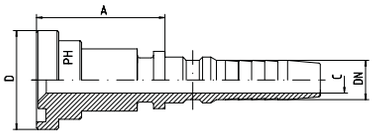
With Wire Trap Area - Heavy Series
Interlock Series
JIC-Male - 74°-Cone



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	G = UN	A	C	SW		
19	3/4“	1 1/16“-12	48,5	14,5	30		I-AGJ-1 1/16“-DN 19
25	1“	1 5/16“-12	48,0	20,0	36		I-AGJ-1 5/16“-DN 25
31	1 1/4“	1 5/8“-12	48,0	25,0	46		I-AGJ-1 5/8“-DN 31
38	1 1/2“	1 7/8“-12	57,0	31,5	50		I-AGJ-1 7/8“-DN 38
51	2“	2 1/2“-12	60,0	42,0	65		I-AGJ-2 1/2“-DN 51

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
SAE-ISO-Flansch
SFL 3 = 3.000 P.S.I. - Gerade
SFS 6 = 6.000 P.S.I. - Gerade
Andere Größen auf Anfrage!

With Wire Trap Area - Heavy Series
Interlock Series
SAE-ISO-Flange
SFL 3 = 3.000 PSI - Straight
SFS 6 = 6.000 PSI - Straight
Other sizes on request!



Reihe / Series 3.000 P.S.I.

Schlauch Hose	DN Bore	Flanschgröße Flange Dimensions		Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	D	in.	A	C		
19	3/4“	38,1	3/4“	41,0	14,5		I-SFL3-3/4“-DN 19
19	3/4“	44,5	1“	44,5	14,5		I-SFL3-1“-DN 19
25	1“	44,5	1“	52,5	20,0		I-SFL3-1“-DN 25
25	1“	50,8	1 1/4“	53,0	20,0		I-SFL3-1 1/4“-DN 25
31	1 1/4“	50,8	1 1/4“	53,0	25,0		I-SFL3-1 1/4“-DN 31
31	1 1/4“	60,3	1 1/2“	50,5	25,0		I-SFL3-1 1/2“-DN 31
38	1 1/2“	60,3	1 1/2“	77,5	31,5		I-SFL3-1 1/2“-DN 38
38	1 1/2“	71,4	2“	72,0	31,5		I-SFL3-2“-DN 38
51	2“	71,4	2“	72,0	42,0		I-SFL3-2“-DN 51

Reihe / Series 6.000 P.S.I.

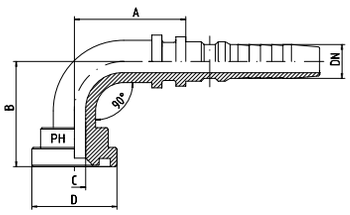
Schlauch Hose	DN Bore	Flanschgröße Flange Dimensions		Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	D	in.	A	C		
19	3/4“	41,3	3/4“	52,0	14,5		I-SFS6-3/4“-DN 19
25	1“	41,3	3/4“	47,0	20,0		I-SFS6-3/4“-DN 25
19	3/4“	47,6	1“	44,5	14,5		I-SFS6-1“-DN 19
25	1“	47,6	1“	63,0	20,0		I-SFS6-1“-DN 25
31	1 1/4“	47,6	1“	60,0	25,0		I-SFS6-1“-DN 31
25	1“	54,0	1 1/4“	54,0	20,0		I-SFS6-1 1/4“-DN 25
31	1 1/4“	54,0	1 1/4“	75,0	25,0		I-SFS6-1 1/4“-DN 31
38	1 1/2“	54,0	1 1/4“	105,0	25,0		I-SFS6-1 1/4“-DN 38
31	1 1/4“	63,5	1 1/2“	75,5	25,0		I-SFS6-1 1/2“-DN 31
38	1 1/2“	63,5	1 1/2“	103,0	31,5		I-SFS6-1 1/2“-DN 38
38	1 1/2“	79,4	2“	75,0	31,5		I-SFS6-2“-DN 38
51	2“	79,4	2“	85,0	42,0		I-SFS6-2“-DN 51

SAE - FLANSCH - INTERLOCK

SAE - FLANGES - INTERLOCK

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
SAE-ISO-Flansch
SFL 3 = 3.000 P.S.I. - 90°-Bogen
SFS 6 = 6.000 P.S.I. - 90°-Bogen
Andere Größen auf Anfrage!

With Wire Trap Area - Heavy Series
Interlock Series
SAE-ISO-Flange
SFL 3 = 3.000 PSI - 90°-Elbow
SFS 6 = 6.000 PSI - 90°-Elbow
Other sizes on request!



Reihe / Series 3.000 P.S.I.

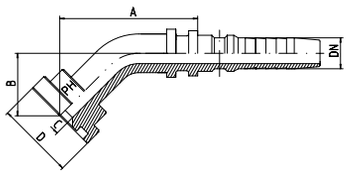
Schlauch Hose	DN Bore	Flanschgröße Flange Dimensions		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**D**	**in.**	**A**	**B**	**C**		
19	3/4“	38,1	3/4“	78,0	70,0	14,5		I-SFL3-3/4“-90°-DN 19
19	3/4“	44,5	1“	77,0	71,0	14,5		I-SFL3-1“-90°-DN 19
25	1“	44,5	1“	82,0	75,0	20,0		I-SFL3-1“-90°-DN 25
25	1“	50,8	1 1/4“	105,0	88,0	20,0		I-SFL3-1 1/4“-90°-DN 25
31	1 1/4“	50,8	1 1/4“	102,0	91,5	25,0		I-SFL3-1 1/4“-90°-DN 31
31	1 1/4“	60,3	1 1/2“	123,0	95,0	25,0		I-SFL3-1 1/2“-90°-DN 31
38	1 1/2“	60,3	1 1/2“	122,5	105,0	31,0		I-SFL3-1 1/2“-90°-DN 38
38	1 1/2“	71,4	2“	124,0	121,0	31,0		I-SFL3-2“-90°-DN 38
51	2“	71,4	2“	144,0	137,0	41,0		I-SFL3-2“-90°-DN 51

Reihe / Series 6.000 P.S.I.

Schlauch Hose	DN Bore	Flanschgröße Flange Dimensions		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**D**	**in.**	**A**	**B**	**C**		
19	3/4“	41,3	3/4“	78,0	67,0	14,5		I-SFS6-3/4“-90°-DN 19
25	1“	41,3	3/4“	80,0	81,5	19,0		I-SFS6-3/4“-90°-DN 25
19	3/4“	47,6	1“	77,0	72,0	14,5		I-SFS6-1“-90°-DN 19
25	1“	47,6	1“	81,0	78,5	20,0		I-SFS6-1“-90°-DN 25
25	1“	54,0	1 1/4“	108,0	90,0	20,0		I-SFS6-1 1/4“-90°-DN 25
31	1 1/4“	54,0	1 1/4“	102,0	93,5	25,0		I-SFS6-1 1/4“-90°-DN 31
31	1 1/4“	63,5	1 1/2“	124,0	96,0	25,0		I-SFS6-1 1/2“-90°-DN 31
38	1 1/2“	63,5	1 1/2“	122,5	107,0	31,0		I-SFS6-1 1/2“-90°-DN 38
38	1 1/2“	79,4	2“	124,0	121,5	31,0		I-SFS6-2“-90°-DN 38
51	2“	79,4	2“	144,0	142,0	41,0		I-SFS6-2“-90°-DN 51

Mit Ausreißsicherung - Schwere Reihe
Interlock Serie
SAE-ISO-Flansch
SFL 3 = 3.000 P.S.I. - 45°-Bogen
SFS 6 = 6.000 P.S.I. - 45°-Bogen
Andere Größen auf Anfrage!

With Wire Trap Area - Heavy Series
Interlock Series
SAE-ISO-Flange
SFL 3 = 3.000 PSI - 45°-Elbow
SFS 6 = 6.000 PSI - 45°-Elbow
Other sizes on request!



Reihe / Series 3.000 P.S.I.

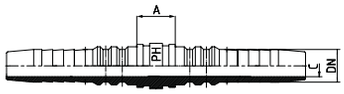
Schlauch Hose	DN Bore	Flanschgröße Flange Dimensions		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	D	in.	A	B	C		
19	3/4“	38,1	3/4“	87,0	38,0	14,5		I-SFL3-3/4“-45°-DN 19
19	3/4“	44,5	1“	89,0	39,5	14,5		I-SFL3-1“-45°-DN 19
25	1“	44,5	1“	92,0	39,0	20,0		I-SFL3-1“-45°-DN 25
25	1“	50,8	1 1/4“	117,0	44,0	20,0		I-SFL3-1 1/4“-45°-DN 25
31	1 1/4“	50,8	1 1/4“	110,0	45,0	25,0		I-SFL3-1 1/4“-45°-DN 31
31	1 1/4“	60,3	1 1/2“	137,0	46,0	25,0		I-SFL3-1 1/2“-45°-DN 31
38	1 1/2“	60,3	1 1/2“	133,0	49,0	31,0		I-SFL3-1 1/2“-45°-DN 38
38	1 1/2“	71,4	2“	141,5	60,0	31,0		I-SFL3-2“-45°-DN 38
51	2“	71,4	2“	155,0	65,0	41,0		I-SFL3-2“-45°-DN 51

Reihe / Series 6.000 P.S.I.

Schlauch Hose	DN Bore	Flanschgröße Flange Dimensions		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	D	in.	A	B	C		
19	3/4“	41,3	3/4“	86,0	34,0	14,5		I-SFS6-3/4“-45°-DN 19
25	1“	41,3	3/4“	89,5	41,0	19,0		I-SFS6-3/4“-45°-DN 25
19	3/4“	47,6	1“	90,0	40,0	14,5		I-SFS6-1“-45°-DN 19
25	1“	47,6	1“	92,0	40,0	20,0		I-SFS6-1“-45°-DN 25
25	1“	54,0	1 1/4“	120,0	44,0	20,0		I-SFS6-1 1/4“-45°-DN 25
31	1 1/4“	54,0	1 1/4“	110,0	46,0	25,0		I-SFS6-1 1/4“-45°-DN 31
31	1 1/4“	63,5	1 1/2“	137,0	48,0	25,0		I-SFS6-1 1/2“-45°-DN 31
38	1 1/2“	63,5	1 1/2“	133,0	48,0	31,0		I-SFS6-1 1/2“-45°-DN 38
38	1 1/2“	79,4	2“	143,0	65,0	31,0		I-SFS6-2“-45°-DN 38
51	2“	79,4	2“	155,0	65,0	41,0		I-SFS6-2“-45°-DN 51

Doppelschlauchnippel

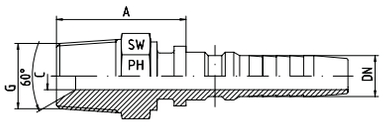
Double-Hose Connectors



Schlauch Hose	**DN** Bore	**Ca. Maße** Approx. Dimensions		**Bemerkungen** Notes	**Bestellzeichen** Order-Code
DN	**in.**	**A**	**C**		
19	3/4“				I-DSN-DN 19
25	1“	31,5	20,0		I-DSN-DN 25
31	1 1/4“	26,0	25,0		I-DSN-DN 31
38	1 1/2“	30,0	31,5		I-DSN-DN 38
51	2“	34,0	42,0		I-DSN-DN 51

Mit 60°-Konusaufnahme
Interlock Serie

With 60°-Cone
Interlock Series



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G = NPT**	**A**	**C**	**SW**		
19	3/4“	3/4“-14	41,0	14,5	30		I-AGN-3/4“-DN 19
19	3/4“	1“-11,5	48,5	14,5	36		I-AGN-1“-DN 19
25	1“	1“-11,5	65,5	20,0	36		I-AGN-1“-DN 25
31	1 1/4“	1 1/4“-11,5	53,0	25,0	46		I-AGN-1 1/4“-DN 31
38	1 1/2“	1 1/2“-11,5	60,5	31,0	50		I-AGN-1 1/2“-DN 38
51	2“	2“-11,5	53,0	42,0	65		I-AGN-2“-DN 51

Schlaucharmaturen – Schraubausführung
Screw-Hose Couplings

4

4

SCHLAUCHARMATUREN - SCHRAUBAUSFÜHRUNG
SCREW-HOSE COUPLINGS

Produktgruppen	Product-Groups	Seite / Page	
Montgeanleitung	**Assembly Instruction**	4.2-4.3	
Fassungen - Schraubarmaturen SR-P1 SR-P2	**Ferrules - Reusable** SR-P1 SR-P2	 4.4 4.5	
24°- Dichtkegel mit O-Ring - Schraubarmaturen Gerade	**24°-Cone with O-Ring - Reusable** Straight	4.6	
24°- Konus - Außengewinde - Schraubarmaturen CEL + CES 24° - Konus	**24°- Male - Cone Reusable** CEL + CES 24° - Cone	4.7	
60°- Dichtkegel - Schraubarmaturen Gerade	**60°- Cone - Reusable** Straight	4.8	
60°- Konus - Schraubarmaturen BSP - Außengewinde - Armatur - 60° - Konus	**60°- Male - Cone- Reusable** BSP - Male - Insert - 60° - Cone	4.9	
37°- (JIC) - Dichtkegel - Schraubarmaturen JIC-37° - Schraubarmatur	**37°- (JIC) - Cone - Reusable** JIC - 37° - Reusable - Fittings	4.10	
Rohrstutzen - Schraubarmaturen Gerade	**Stand - Pipe - Reusable** Straight	4.12	
Aussengewinde - Schraubarmaturen AGRk - Armatur AGN - Armatur	**Male -Inserts - Reusable** BSP - Taper - Insert NPT - Insert	 4.13 4.14	

MONTAGEANLEITUNG SCHLAUCHARMATUREN - SCHRAUBAUSFÜHRUNG

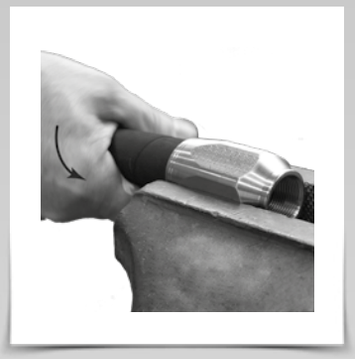
ASSEMBLY INSTRUCTION SCREW-HOSE COUPLINGS

1.0

Auswahl der korrekten Teile gemäß den PH-Dokumentationen.

2.0

Den Schlauch mit einer Schlauch-Schneidemaschine im rechten Winkel ablängen.



3.0

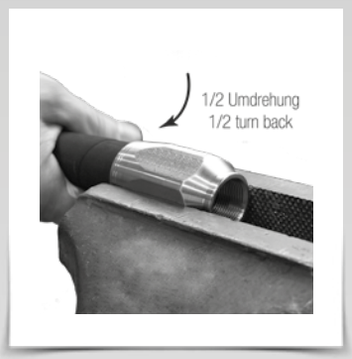
Schrauben Sie den Schlauch entgegen dem Uhrzeigersinn bis zum Anschlag in die Fassung. Im Anschluss drehen Sie den Schlauch in die entgegengesetzte Richtung um eine 1/2 Umdrehung zurück.

4.0

Schmieren Sie den Nippel mit High-Tech Paste ASW ein. Schrauben Sie nun den Nippel im Uhrzeigersinn in die Fassung.

WICHTIG: Während des Eindrehens nicht stoppen!

Schrauben Sie den Nippel bis zum Anschlag in die Fassung.

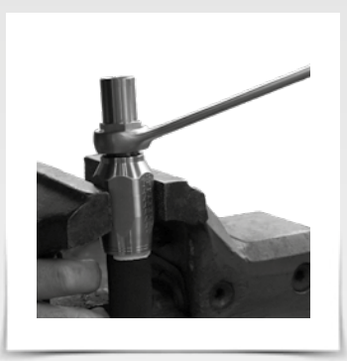


5.0

Reinigen Sie die Verbindung von innen.

6.0

Testen Sie die Verbindung mit dem entsprechenden Prüfdruck für mindestens 30 Sekunden.

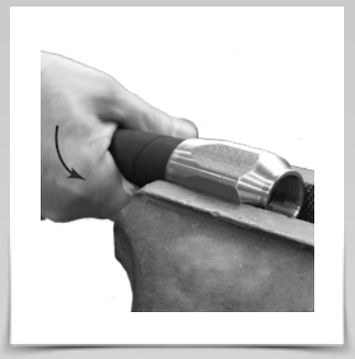


1.0

Selection of correct parts according to PH documentation.

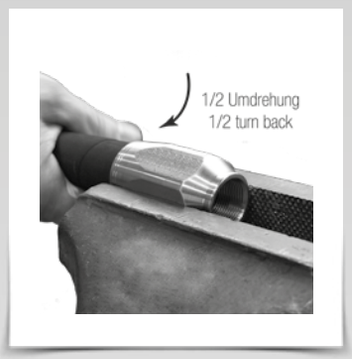
2.0

Cut the hose in a right angle with a hose-cutting machine.



3.0

Screw the hose-end left-handed into the ferrule until it stops.
When the hose is at its full-stop, screw the hose in the opposite direction for 1/2 turn backwards.



4.0

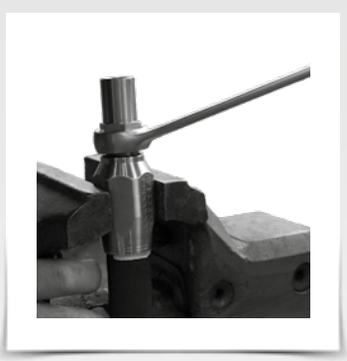
Grease the nipple with Hight-Tech paste ASW. Screw the nipple right-handed into the ferrule.

IMPORTANT: Do not stop while screwing into the ferrule!

Screw the nipple until its end so it is fully connected with the ferrule.

5.0

Clean the combination from the inside.

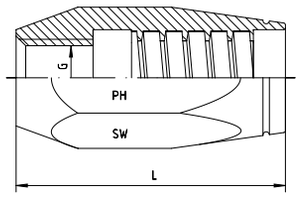


6.0

Test hose connection with recommended test-pressure for at least 30 seconds minimum.

SR-P1 - nicht schälen
Zu verwenden für Armaturen Rubrik 4.6-4.19

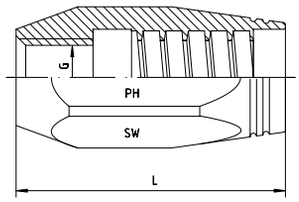
SR-P1 - non skive
To use for Inserts Category 4.6-4.19



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions		Für Schlauchtyp For Hose Type	Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**L**	**SW**			
06	1/4“	7/16“-20 UNF	42,0	19	2 TE, 1 SN, R1AT, Compact 2 SC		SR-P1-DN 06
08	5/16“	1/2“-20 UNF	42,0	19	2 TE, 1 SN, R1AT, Compact 2 SC		SR-P1-DN 08
10	3/8“	9/16“-18 UNF	49,5	24	2 TE, 1 SN, R1AT, Compact 2 SC		SR-P1-DN 10
12	1/2“	5/8“-18 UNF	51,0	27	2 TE, 1 SN, R1AT, Compact 2 SC		SR-P1-DN 12
16	5/8“	3/4“-18 UNS	54,0	30	2 TE, 1 SN, R1AT, Compact 2 SC		SR-P1-DN 16
19	3/4“	7/8“-18 UNS	62,0	36	2 TE, 1 SN, R1AT, Compact 2 SC		SR-P1-DN 19
25	1“	1 3/16“-16 UN	74,0	41	2 TE, 1 SN, R1AT, Compact 2 SC		SR-P1-DN 25

SR-P2 - nicht schälen
Zu verwenden für Armaturen Rubrik 4.6-4.19

SR-P2 - non skive
To use for Inserts Category 4.6-4.19

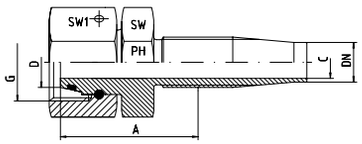


Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions		Für Schlauchtyp For Hose Type	Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	G	L	SW			
06	1/4“	7/16“-20 UNF	42,0	22	3 TE, 2 SN, R2AT		SR-P2-DN 06
08	5/16“	1/2“-20 UNF	42,0	22	3 TE, 2 SN, R2AT		SR-P2-DN 08
10	3/8“	9/16“-18 UNF	49,5	24	3 TE, 2 SN, R2AT		SR-P2-DN 10
12	1/2“	5/8“-18 UNF	51,0	27	3 TE, 2 SN, R2AT		SR-P2-DN 12
16	5/8“	3/4“-18 UNS	57,0	32	3 TE, 2 SN, R2AT		SR-P2-DN 16
19	3/4“	7/8“-18 UNS	62,0	36	3 TE, 2 SN, R2AT		SR-P2-DN 19
25	1“	1 3/16“-16 UN	74,0	46	3 TE, 2 SN, R2AT		SR-P2-DN 25

24°- DICHTKEGEL
MIT O-RING - SCHRAUBARMATUREN
24°- CONE WITH O-RING - REUSABLE

DKOL/DKOS-Nippel - Gerade
Für Gegenanschluss mit 24°-Konus
DIN 2353 / DIN EN ISO 8434-1
Hinweise zur Montage:
Das Schlauchnippel-Gewinde unbedingt
vor der Montage dick einölen oder einfetten.
(Schmierstoffe Rubrik 12)
O-Ring = FPM

DKOL/DKOS-Nipples - Straight
For Fittings with 24°-Cone
DIN 2353 / DIN EN ISO 8434-1
Notes to the Assembly:
It is very important to lubricate the insert thread
before screwing into the ferrule.
(Lubricants Category 12)
O-Ring = FPM



Reihe / Series L

Schlauch / Hose DN	Bore in.	Gewinde / Thread G	Rohr A.D. / Tube O.D. D	Ca. Maße / Approx. Dimensions A	C	SW1	Bemerkungen / Notes	Bestellzeichen / Order-Code
06	1/4“	M 12 x 1,5	6	28,7	4,0	17		SR-DKOL-06-DN 06
06	1/4“	M 14 x 1,5	8	29,6	4,0	17		SR-DKOL-08-DN 06
06	1/4“	M 16 x 1,5	10	42,0	4,0	19		SR-DKOL-10-DN 06
08	5/16“	M 16 x 1,5	10	33,8	6,0	19		SR-DKOL-10-DN 08
10	3/8“	M 16 x 1,5	10	38,0	7,5	19		SR-DKOL-10-DN 10
08	5/16“	M 18 x 1,5	12	45,0	6,0	22		SR-DKOL-12-DN 08
10	3/8“	M 18 x 1,5	12	32,0	7,5	22		SR-DKOL-12-DN 10
12	1/2“	M 18 x 1,5	12	42,0	10,0	22		SR-DKOL-12-DN 12
12	1/2“	M 22 x 1,5	15	36,8	10,0	27		SR-DKOL-15-DN 12
16	5/8“	M 26 x 1,5	18	40,1	13,0	32		SR-DKOL-18-DN 16
19	3/4“	M 30 x 2	22	43,9	15,5	36		SR-DKOL-22-DN 19
25	1“	M 36 x 2	28	49,0	21,5	41		SR-DKOL-28-DN 25

Reihe / Series S

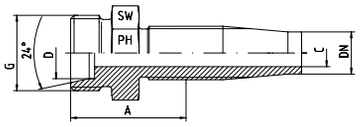
Schlauch / Hose DN	Bore in.	Gewinde / Thread G	Rohr A.D. / Tube O.D. D	Ca. Maße / Approx. Dimensions A	C	SW1	Bemerkungen / Notes	Bestellzeichen / Order-Code
06	1/4“	M 14 x 1,5	6	29,6	4,0	17		SR-DKOS-06-DN 06
06	1/4“	M 16 x 1,5	8	29,6	4,0	19		SR-DKOS-08-DN 06
06	1/4“	M 18 x 1,5	10	30,5	4,0	22		SR-DKOS-10-DN 06
10	3/8“	M 18 x 1,5	10	40,0	7,5	22		SR-DKOS-10-DN 10
08	5/16“	M 20 x 1,5	12	35,1	5,5	24		SR-DKOS-12-DN 08
10	3/8“	M 22 x 1,5	14	36,8	7,5	24		SR-DKOS-12-DN 10
10	3/8“	M 22 x 1,5	14	36,8	7,5	27		SR-DKOS-14-DN 10
12	1/2“	M 24 x 1,5	16	39,1	10,0	30		SR-DKOS-16-DN 12
16	5/8“	M 30 x 2	20	53,0	13,0	36		SR-DKOS-20-DN 16
19	3/4“	M 36 x 2	25	51,0	15,5	46		SR-DKOS-25-DN 19
25	1“	M 42 x 2	30	54,0	21,5	50		SR-DKOS-30-DN 25

24°- KONUS - AUSSENGEWINDE - SCHRAUBARMATUREN

24°- MALE - CONE - REUSABLE

CEL - 24°-Konus-Armatur
CES - 24°-Konus-Armatur
Hinweise zur Montage:
Das Schlauchnippel-Gewinde unbedingt vor der Montage dick einölen oder einfetten.
(Schmierstoffe Rubrik 12)

CEL - 24°-Cone-Inserts
CES - 24°-Cone-Inserts
Notes to the Assembly:
It is very important to lubricate the insert thread before screwing into the ferrule.
(Lubricants Category 12)



Reihe / Series L

Schlauch / Hose DN	Bore in.	Gewinde / Thread G	Rohr A.D. / Tube O.D. D	Ca. Maße / Approx. Dimensions A	C	SW	Bemerkungen / Notes	Bestellzeichen / Order-Code
06	1/4“	M 12 x 1,5	6	27,9	4,0	12		SR-CEL-06-DN 06
06	1/4“	M 14 x 1,5	8	27,9	4,0	14		SR-CEL-08-DN 06
08	5/16“	M 16 x 1,5	10	29,7	6,0	17		SR-CEL-10-DN 08
10	3/8“	M 18 x 1,5	12	30,0	7,5	19		SR-CEL-12-DN 10
12	1/2“	M 22 x 1,5	15	32,0	10,0	22		SR-CEL-15-DN 12
16	5/8“	M 26 x 1,5	18	35,1	13,0	27		SR-CEL-18-DN 16
19	3/4“	M 30 x 2	22	38,4	15,5	32		SR-CEL-22-DN 19
25	1“	M 36 x 2	28	43,2	21,5	36		SR-CEL-28-DN 25

Reihe / Series S

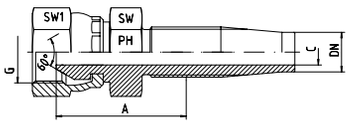
Schlauch / Hose DN	Bore in.	Gewinde / Thread G	Rohr A.D. / Tube O.D. D	Ca. Maße / Approx. Dimensions A	C	SW	Bemerkungen / Notes	Bestellzeichen / Order-Code
06	1/4“	M 14 x 1,5	6	27,9	4,0	14		SR-CES-06-DN 06
06	1/4“	M 16 x 1,5	8	28,5	4,0	17		SR-CES-08-DN 06
06	1/4“	M 18 x 1,5	10	28,5	4,0	19		SR-CES-10-DN 06
08	5/16“	M 20 x 1,5	12	31,4	6,0	22		SR-CES-12-DN 08
10	3/8“	M 20 x 1,5	12	31,0	7,5	22		SR-CES-12-DN 10
10	3/8“	M 22 x 1,5	14	33,6	7,5	22		SR-CES-14-DN 10
12	1/2“	M 24 x 1,5	16	35,2	10,0	24		SR-CES-16-DN 12
16	5/8“	M 30 x 2	20	40,4	13,0	30		SR-CES-20-DN 16
19	3/4“	M 36 x 2	25	43,9	15,5	36		SR-CES-25-DN 19
25	1“	M 42 x 2	30	54,9	21,5	46		SR-CES-30-DN 25

60°- DICHTKEGEL - SCHRAUBARMATUREN

60°- CONE - REUSABLE

DKR - Gerade
Mit Überwurfmutter BSP-Gewinde
Für Gegenanschluss mit 60°-Konus
Hinweise zur Montage:
Das Schlauchnippel-Gewinde unbedingt vor der Montage dick einölen oder einfetten.
(Schmierstoffe Rubrik 12)

DKR - Straight
Swivel Nut with BSP-Thread - Female
For Connectors with 60°-Cone
Notes to the Assembly:
It is very important to lubricate the insert thread before screwing into the ferrule.
(Lubricants Category 12)

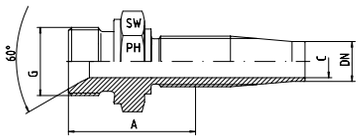


Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**C**	**SW1**		
06	1/4“	1/4“-19	28,1	4,0	17		SR-DKR-1/4“-DN 06
08	5/16“	3/8“-19	29,8	5,5	19		SR-DKR-3/8“-DN 08
10	3/8“	3/8“-19	30,5	7,5	19		SR-DKR-3/8“-DN 10
10	3/8“	1/2“-14	30,5	7,5	27		SR-DKR-1/2“-DN 10
12	1/2“	1/2“-14	33,5	10,0	27		SR-DKR-1/2“-DN 12
16	5/8“	3/4“-14	37,3	13,0	32		SR-DKR-3/4“-DN 16
19	3/4“	3/4“-14	38,4	15,5	32		SR-DKR-3/4“-DN 19
25	1“	1“-11	45,0	21,0	41		SR-DKR-1“-DN 25

60°- KONUS - SCHRAUBARMATUREN
60°- MALE - CONE- REUSABLE

AGR - 60°-Konus Außengewinde-Armatur
Hinweise zur Montage:
Das Schlauchnippel-Gewinde unbedingt
vor der Montage dick einölen oder einfetten.
(Schmierstoffe Rubrik 12)

AGR - 60°-Cone Male Inserts
Notes to the Assembly:
It is very important to lubricate the insert thread
before screwing into the ferrule.
(Lubricants Category 12)



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	G	A	C	SW		
06	1/4“	1/4“-19	29,5	4,0	19		SR-AGR-1/4“-DN 06
08	5/16“	3/8“-19	33,4	5,5	22		SR-AGR-3/8“-DN 08
10	3/8“	3/8“-19	33,4	7,5	22		SR-AGR-3/8“-DN 10
10	3/8“	1/2“-14	38,4	7,5	27		SR-AGR-1/2“-DN 10
12	1/2“	1/2“-14	38,6	10,0	27		SR-AGR-1/2“-DN 12
16	5/8“	3/4“-14	44,8	13,0	32		SR-AGR-3/4“-DN 16
19	3/4“	3/4“-14	44,8	15,5	32		SR-AGR-3/4“-DN 19
19	3/4“	1“-11	45,8	15,5	41		SR-AGR-1“-DN 19
25	1“	1“-11	51,5	21,5	41		SR-AGR-1“-DN 25

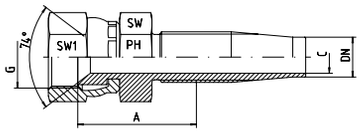
37°- (JIC) - DICHTKEGEL - SCHRAUBARMATUREN

37°-(JIC) - CONE - REUSABLE

EDELSTAHL / STAINLESS STEEL
VERBINDUNGSTECHNIK
FLUID CONNECTORS

Mit Crimpmutter
Hinweise zur Montage:
Das Schlauchnippel-Gewinde unbedingt vor der Montage dick einölen oder einfetten.
(Schmierstoffe Rubrik 12)

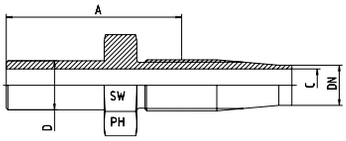
With Crimp-Nut
Notes to the Assembly:
It is very important to lubricate the insert thread before screwing into the ferrule.
(Lubricants Category 12)



Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**C**	**SW**	**SW1**		
06	1/4“	7/16“-20	26,0	4,0	17	17		SR-DKJ-7/16“-DN 06
06	1/4“	1/2“-20	26,0	4,0	17	17		SR-DKJ-1/2“-DN 06
08	5/16“	1/2“-20						SR-DKJ-1/2“-DN 08
06	1/4“	9/16“-18	26,0	4,0	19	19		SR-DKJ-9/16“-DN 06
08	5/16“	9/16“-18	32,0	6,0	19	19		SR-DKJ-9/16“-DN 08
10	3/8“	9/16“-18	33,0	7,0	19	19		SR-DKJ-9/16“-DN 10
10	3/8“	3/4“-16	32,0	7,5	24	24		SR-DKJ-3/4“-DN 10
12	1/2“	3/4“-16	36,0	10,0	24	24		SR-DKJ-3/4“-DN 12
10	3/8“	7/8“-14						SR-DKJ-7/8“-DN 10
12	1/2“	7/8“-14	32,0	10,0	27	27		SR-DKJ-7/8“-DN 12
16	5/8“	7/8“-14	44,0	13,0	27	27		SR-DKJ-7/8“-DN 16
12	1/2“	1 1/16“-12						SR-DKJ-1 1/16“-DN 12
16	5/8“	1 1/16“-12	33,5	13,0	32	32		SR-DKJ-1 1/16“-DN 16
19	3/4“	1 1/16“-12	40,0	15,5	32	32		SR-DKJ-1 1/16“-DN 19
19	3/4“	1 5/16“-12	40,0	16,0	41	41		SR-DKJ-1 5/16“-DN 19
25	1“	1 5/16“-12	40,0	21,5	41	41		SR-DKJ-1 5/16“-DN 25

BEL - Armatur - Gerade
BES - Armatur - Gerade
Hinweise zur Montage:
Das Schlauchnippel-Gewinde unbedingt
vor der Montage dick einölen oder einfetten.
(Schmierstoffe Rubrik 12)

BEL - Inserts - Straight
BES - Inserts - Straight
Notes to the Assembly:
It is very important to lubricate the insert thread
before screwing into the ferrule.
(Lubricants Category 12)



Reihe / Series BEL

Schlauch Hose	DN Bore	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	D	A	C	SW		
06	1/4“	6	41,0	4,0	12		SR-BEL-06-DN 06
06	1/4“	8	43,0	4,0	12		SR-BEL-08-DN 06
08	5/16“	10	48,0	6,0	14		SR-BEL-10-DN 08
10	3/8“	10	47,8	7,0	17		SR-BEL-10-DN 10
10	3/8“	12	47,8	7,5	17		SR-BEL-12-DN 10
12	1/2“	15	46,7	10,0	19		SR-BEL-15-DN 12
16	5/8“	18	49,5	13,0	22		SR-BEL-18-DN 16
19	3/4“	22	54,1	15,5	24		SR-BEL-22-DN 19
25	1“	28	59,1	21,5	36		SR-BEL-28-DN 25

Reihe / Series BES

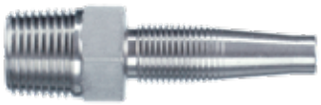
Schlauch Hose	DN Bore	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	in.	D	A	C	SW		
06	1/4“	6	41,0	4,0	12		SR-BES-06-DN 06
06	1/4“	8	43,0	4,0	12		SR-BES-08-DN 06
06	1/4“	10	45,0	4,0	12		SR-BES-10-DN 06
08	5/16“	12	47,8	6,0	14		SR-BES-12-DN 08
10	3/8“	14	50,8	7,5	17		SR-BES-14-DN 10
12	1/2“	16	52,1	10,0	19		SR-BES-16-DN 12
16	5/8“	20	59,5	13,0	22		SR-BES-20-DN 16
19	3/4“	25	66,0	15,5	27		SR-BES-25-DN 19
25	1“	30					SR-BES-30-DN 25

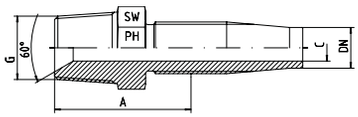
AUSSENGEWINDE - SCHRAUBARMATUREN

MALE -INSERTS - REUSABLE

AGRk = Kegeliges Rohraußengewinde
Hinweise zur Montage:
Das Schlauchnippel-Gewinde unbedingt vor der Montage dick einölen oder einfetten.
(Schmierstoffe Rubrik 12)

AGRk = BSP - Male - Taper
Notes to the Assembly:
It is very important to lubricate the insert thread before screwing into the ferrule.
(Lubricants Category 12)



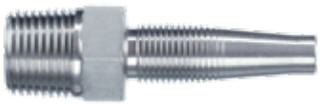


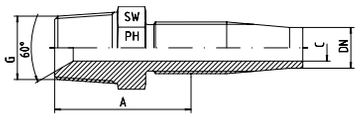
Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**C**	**SW**		
06	1/4“	1/4“-19 keg	32,5	4,0	14		SR-AGRk-1/4“-DN 06
08	5/16“	3/8“-19 keg	36,1	5,5	19		SR-AGRk-3/8“-DN 08
10	3/8“	3/8“-19 keg	36,1	7,5	19		SR-AGRk-3/8“-DN 10
10	3/8“	1/2“-14 keg	41,2	7,5	22		SR-AGRk-1/2“-DN 10
12	1/2“	1/2“-14 keg	41,7	10,0	22		SR-AGRk-1/2“-DN 12
16	5/8“	3/4“-14 keg	45,0	13,0	27		SR-AGRk-3/4“-DN 16
19	3/4“	3/4“-14 keg	46,2	15,5	27		SR-AGRk-3/4“-DN 19
25	1“	1“-11 keg	57,2	21,5	36		SR-AGRk-1“-DN 25

AUSSENGEWINDE - SCHRAUBARMATUREN
MALE -INSERTS - REUSABLE

AGN = NPT-Außengewinde
Hinweise zur Montage:
Das Schlauchnippel-Gewinde unbedingt vor der Montage dick einölen oder einfetten.
(Schmierstoffe Rubrik 12)

AGN = NPT - Male
Notes to the Assembly:
It is very important to lubricate the insert thread before screwing into the ferrule.
(Lubricants Category 12)





Schlauch Hose	DN Bore	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
DN	**in.**	**G**	**A**	**C**	**SW**		
06	1/4“	1/4“-18 NPT	30,2	4,0	14		SR-AGN-1/4“-DN 06
08	5/16“	3/8“-18 NPT	33,3	5,5	19		SR-AGN-3/8“-DN 08
10	3/8“	3/8“-18 NPT	33,3	7,5	19		SR-AGN-3/8“-DN 10
10	3/8“	1/2“-14 NPT	38,6	7,5	22		SR-AGN-1/2“-DN 10
12	1/2“	1/2“-14 NPT	39,9	10,0	22		SR-AGN-1/2“-DN 12
16	5/8“	3/4“-14 NPT	43,9	13,0	27		SR-AGN-3/4“-DN 16
19	3/4“	3/4“-14 NPT	43,2	15,5	27		SR-AGN-3/4“-DN 19
25	1“	1“-11,5 NPT	51,1	21,5	36		SR-AGN-1“-DN 25

TERMINAL BURCHARDKAI

Adapter – BSP – Metrisch – NPT – Kegelig
Adaptors – BSP – Metric – NPT – Taper

5

ADAPTER - BSP - METRISCH - NPT - KEGELIG
ADAPTORS - BSP - METRIC - NPT -TAPER

Produktgruppen	Product-Groups	Seite / Page	
Gerade - Anschweißstutzen	**Straight - Welding - Adaptors**		
Metrisch - 60°-Konus	Metric - 60° - Cone	5.4	
Gerade - Adapter	**Straight - Adaptors**		
BSP - Metrisch - 60° - Konus	BSP - Metric - 60° - Cone	5.5	
BSP - Zylindrisch - BSP - Kegelig	BSP - Parallel - BSP - Taper	5.6	
BSP - Zylindrisch - 60° - Konus	BSP - Parallel - 60° - Cone	5.7	
BSP - Zylindrisch - 60° - Konus mit Weichdichtung	BSP - Parallel - 60° - Cone with Soft Sealing	5.8	
BSP - Zylindrisch - Flachdichtend	BSP - Parallel - Flat - Face	5.9	
BSP - Zylindrisch - Reduziert - 60° - Konus	BSP - Parallel - Reduced - 60° - Cone	5.10	
BSP - Zylindrisch - Reduziert - 60° - Konus mit Weichdichtung	BSP - Parallel - Reduced - 60° - Cone with Soft Sealing	5.11	
BSP - Zylindrisch - NPT	BSP - Parallel - NPT	5.12	
NPT - NPT	NPT - NPT	5.13	
NPT - NPT - Reduziert	NPT - NPT - Reduced	5.14	
BSP - Kegelig - BSP - Kegelig	BSP - Taper - BSP - Taper	5.15	
BSP - Kegelig - BSP - Kegelig - Reduziert	BSP - Taper - BSP - Taper - Reduced	5.16	
Gerade - Dichtkegel - Adapter	**Straight - Male - Female - Adaptors**		
BSP - Weiblich - BSP - Kegelig	BSP - Female - BSP - Taper	5.17	
BSP - Weiblich - NPT	BSP - Female - NPT	5.18	
BSP - Weiblich - BSP - Zylindrisch	BSP - Female - BSP - Parallel	5.19	
Doppel - Dichtkegel - Adapter	**Swivel - Female - Adaptors**		
Gerade Adapter - BSP - Weiblich	Straight Adaptors - BSP - Female	5.20	
Winkel-Adapter - BSP - Weiblich	Elbow-Adaptors - BSP - Female	5.21	
T-Adapter - BSP - Weiblich	Equal Tee-Adaptors - BSP - Female	5.22	
K-Adapter - BSP - Weiblich	Cross-Adaptors - BSP - Female	5.23	

ADAPTER - BSP - METRISCH - NPT - KEGELIG
ADAPTORS - BSP - METRIC - NPT -TAPER

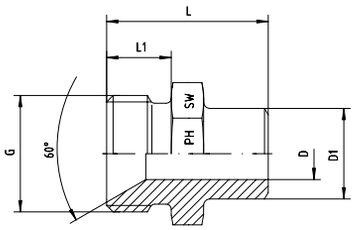
Produktgruppen	Product-Groups	Seite / Page
Außengewinde - Adapter	**Male - Adaptors**	
Winkel - Adapter - BSP - Zylindrisch - Männlich	Elbow-Adaptors - BSP - Male	5.24
BSP - Zylindrisch - Männlich - BSP - Kegelig - Männlich	BSP - Male - BSP - Taper - Male	5.25
BSP - Zylindrisch - Männlich - BSP - NPT - Männlich	BSP - Male - BSP - Taper - NPT	
Winkel - Adapter - NPT - NPT - Männlich - 90°	Elbow-Adaptors - NPT - NPT - Male - 90°	5.26
T-Adapter - BSP - Zylindrisch - Männlich	T-Adaptors - BSP - Male	5.27
K-Adapter - BSP - Zylindrisch - Männlich	K-Adaptors - BSP - Male	5.28
Winkel - Adapter	**Elbow - Adaptors**	
Winkel - Adapter - 90°	Elbow - Adaptors - 90°	5.29
Kompakt - Winkel - Adapter	**Block - Elbow - Adaptors**	
90° - BSP - Weiblich - BSP - Zylindrisch - Männlich	90° - BSP - Female - BSP - Male	5.30
45° - BSP - Weiblich - BSP - Zylindrisch - Männlich	45° - BSP - Female - BSP - Male	5.31
T - Adapter	**Tee - Adaptors**	
LE - Adapter - BSP - Weiblich - BSP - Zylindrisch - Männlich	Run Tee - Adaptors - BSP - Female - BSP - Male	5.32
TE - Adapter - BSP - Weiblich - BSP - Zylindrisch - Männlich	Brunch Tee - Adaptors - BSP - Female - BSP - Male	5.33
Innengewinde - Adapter	**Female - Adaptors**	
Winkel - Adapter - BSP - Zylindrisch	Elbow - Adaptors - BSP - Parallel	5.34
T - Adapter - BSP - Zylindrisch	T - Adaptors - BSP - Parallel	5.35
Winkel - Adapter - NPT	Elbow - Adaptors - NPT	5.36
T - Adapter - NPT	T - Adaptors - NPT	5.37
Gerade - Schott - Adapter	**Straight - Bulkhead - Adaptors**	
Gerade - Schott - Adapter - BSP - Zylindrisch - Männlich	Straight - Bulkhead - Adaptors - BSP - Male	5.38
Gerade - Schott - Adapter - BSP - Zylindrisch - Metrisch	Straight - Bulkhead - Adaptors - BSP - Metric	5.39
Gegenmuttern für Schottverschraubungen - BSP - Zylindrisch	Locknuts for Bulkhead Couplings - BSP - Parallel	5.40
Einstellbare - Winkel - Verschraubungen	**Adjustable - Male - Stud - Elbows**	
90° - BSP - Männlich	90° - BSP - Male	5.41

ADAPTER - BSP - METRISCH - NPT - KEGELIG
ADAPTORS - BSP - METRIC - NPT -TAPER

Produktgruppen	Product-Groups	Seite / Page	
Sechskant - Muffen	**Hexagon - Sockets**		
BSP - Zylindrisch	BSP - Female	5.42	
BSP - Zylindrisch - Reduziert	BSP - Female - Reduced	5.43	
NPT	NPT - Female	5.44	
NPT - Reduziert	NPT - Reduced	5.45	
Gewinde - Reduzierungen	**Male - Female - Stud - Adaptors**		
BSP - Außen / Innen - Form A	BSP - Male / Female - Form A	5.46	
BSP - Außen / Innen - Form B	BSP - Male / Female - Form B	5.47	
BSP - Außen - NPT - Innen - Form A	BSP - Male - NPT - Female - Form A	5.48	
BSP - Außen - NPT - Innen - Form B	BSP - Male - NPT - Female - Form B	5.49	
NPT - Außen - BSP - Innen - Form A	NPT - Male - BSP - Female - Form A	5.50	
NPT - Außen - BSP - Innen - Form B	NPT - Male - BSP - Female - Form B	5.51	
NPT - Außen - NPT - Innen - Form A	NPT - Male - NPT - Female - Form A	5.52	
NPT - Außen - NPT - Innen - Form B	NPT - Male - NPT - Female - Form B	5.53	
Sechskant - Kappen	**Hexagon - Caps**		
BSP - Zylindrisch - Innen	BSP - Parallel - Female	5.54	
NPT - Innen	NPT - Female	5.55	
Verschlusskappen	**BSP - Female-Swivel Caps**		
Verschlusskappen - DKR - BSP - Weiblich	Swivel - Caps - DKR - BSP - Female	5.56	
Verschlussstopfen	**Plug**		
BSPT - Kegelig	BSPT - Taper	5.57	
NPT	NPT	5.58	
BSP - Zylindrisch	BSP - Parallel	5.59	

Metrisch - mit 60°-Innenkonus

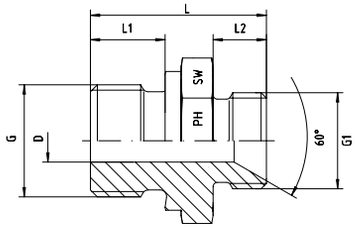
Metric - with 60°-Cone



Druck Pressure	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions					**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G**	**L**	**L1**	**D**	**D1**	**SW**		
250	M 12 x 1,5	24,0	10,0	3,5	6,0	12		0806504-02
250	M 14 x 1,5	25,0	10,0	4,5	8,0	14		0806507-04
250	M 16 x 1,5	25,0	10,0	6,0	10,0	17		0806509-05
250	M 18 x 1,5	25,0	10,0	8,0	14,0	19		0806511-06
250	M 22 x 1,5	27,0	12,0	10,5	17,0	22		0806514-08
250	M 26 x 1,5	28,0	12,0	13,0	21,0	27		0806517-10
160	M 30 x 1,5	28,0	12,0	15,5	25,0	30		0806521-12
160	M 38 x 1,5	30,0	14,0	21,0	30,0	41		0806526-16
100	M 45 x 1,5	31,0	14,0	28,0	38,0	46		0806533-20
100	M 52 x 1,5	32,0	14,0	35,0	44,0	55		0806541-24
50	M 65 x 2	36,0	17,0	45,0	57,0	65		0806551-32
50	M 78 x 2	36,0	17,0	55,0	64,0	80		0806561-40
50	M 90 x 2	47,0	22,0	67,0	76,0	90		0806571-48
50	M 100 x 2	47,0	22,0	77,0	89,0	100		0806581-56

BSP mit angedrehter Dichtkante Form B
Metrisch mit 60°-Innenkonus

BSP with Sealing Shoulder Form B
Metric with 60°-Cone

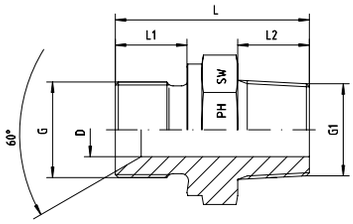


Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G1**	**G = BSP**	**L**	**L1**	**L2**	**D**	**SW**		
250	M 18 x 1,5	1/2“	34,0	14,0	11,0	10,0	27		0226820-08-06
250	M 22 x 1,5	1/2“	35,0	14,0	12,0	11,0	27		0226820-08
250	M 26 x 1,5	1/2“	38,0	14,0	12,0	14,0	27		0226820-08-10
160	M 30 x 1,5	1/2“	36,0	14,0	12,0	12,0	32		0226820-08-12
160	M 26 x 1,5	3/4“	38,0	16,0	12,0	15,0	32		0226820-12-10
160	M 30 x 1,5	3/4“	39,0	16,0	14,0	20,0	32		0226820-12
160	M 30 x 1,5	1“	41,0	18,0	14,0	20,0	41		0226821-16-12
160	M 38 x 1,5	1“	41,0	18,0	14,0	24,0	41		0226825-16
100	M 38 x 1,5	1 1/4“	44,0	20,0	14,0	25,0	50		0226826-20-16
100	M 45 x 1,5	1 1/4“	46,0	20,0	16,0	32,0	50		0226832-20
100	M 45 x 1,5	1 1/2“	49,0	22,0	16,0	32,0	55		0226833-24-20
100	M 52 x 1,5	1 1/2“	49,0	22,0	16,0	39,0	55		0226840-24
50	M 65 x 2	2“	54,0	24,0	17,0	45,0	70		0226850-32
50	M 78 x 2	2 1/2“	57,0	26,0	17,0	56,0	85		0226860-40
50	M 100 x 2	3“	68,0	28,0	22,0	76,0	105		0226880-48

GERADE - ADAPTER
STRAIGHT - ADAPTORS

BSP - Zylindrisch - Männlich mit 60°-Konus
BSP - Kegelig - Männlich
Andere Größen auf Anfrage!

BSP - Male with 60°-Cone
BSP - Taper - Male
Other sizes on request!



Reihe / Series A

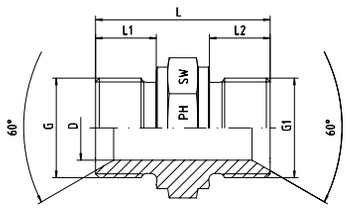
Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = BSP**	**G1 = BSPT**	**L**	**L1**	**L2**	**D**	**SW**		
400	1/8“-28	1/8“-28	23,0	8,0	8,0	4,0	14		1050710-02-02
400	1/4“-19	1/4“-19	30,0	10,0	12,0	6,0	19		1050710-04-04
400	3/8“-19	3/8“-19	32,5	12,0	12,0	9,0	22		1050710-06-06
400	1/2“-14	1/2“-14	37,0	14,0	14,0	12,5	27		1050710-08-08
400	3/4“-14	3/4“-14	47,0	16,0	19,0	17,5	32		1050710-12-12
400	1“-11	1“-11	49,0	18,0	18,0	22,0	41		1050710-16-16
200	1 1/4“-11	1 1/4“-11	54,5	20,0	20,0	29,0	50		1050710-20-20
200	1 1/2“-11	1 1/2“-11	58,5	22,0	22,0	37,0	55		1050710-24-24
100	2“-11	2“-11	66,0	25,0	26,0	45,0	70		1050710-32-32

Reihe / Series B

Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = BSP**	**G1 = BSPT**	**L**	**L1**	**L2**	**D**	**SW**		
400	1/4“-19	1/8“-28	26,0	10,0	8,0	4,0	19		1050710-04-02
400	1/4“-19	3/8“-19	32,0	10,0	12,0	7,0	19		1050710-04-06
400	1/4“-19	1/2“-14	34,0	10,0	14,0	6,0	22		1050710-04-08
400	3/8“-19	1/4“-19	33,0	12,0	12,0	7,0	22		1050710-06-04
400	3/8“-19	1/2“-14	42,0	12,0	19,0	9,0	22		1050710-06-08
400	1/2“-14	3/8“-19	37,0	14,0	12,0	9,0	27		1050710-08-06
400	1/2“-14	3/4“-14	45,0	14,0	19,0	12,5	27		1050710-08-12
400	3/4“-14	1/2“-14	45,0	16,0	19,0	12,5	32		1050710-12-08
400	3/4“-14	1“-14	45,0	16,0	18,0	17,5	36		1050710-12-16
200	1“-11	1 1/4“-11	52,5	18,0	20,0	22,0	46		1050710-16-20

BSP - BSP
Mit 60°-Innenkonus und angedrehter Dichtkante Form B
Männlich - Männlich

BSP - BSP
With 60°-Cone and Sealing Shoulder Form B
Male - Male - Parallel

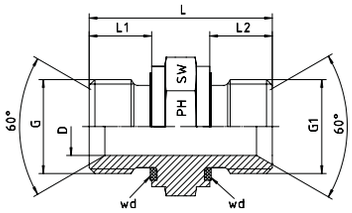


Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = BSP**	**G1 = BSP**	**L**	**L1**	**L2**	**D**	**SW**		
400	1/8“-28	1/8“-28	23,0	8,0	8,0	4,5	14		1050510-02-02
400	1/4“-19	1/4“-19	29,0	10,0	10,0	6,0	19		1050510-04-04
400	3/8“-19	3/8“-19	35,0	12,0	12,0	9,0	22		1050510-06-06
400	1/2“-14	1/2“-14	41,0	14,0	14,0	13,0	27		1050510-08-08
400	5/8“-14	5/8“-14	42,0	14,0	14,0	12,0	30		1050510-10-10
400	3/4“-14	3/4“-14	46,0	16,0	16,0	18,0	32		1050510-12-12
400	1“-11	1“-11	52,0	18,0	18,0	23,5	41		1050510-16-16
200	1 1/4“-11	1 1/4“-11	58,0	20,0	20,0	30,0	50		1050510-20-20
200	1 1/2“-11	1 1/2“-11	61,0	22,0	22,0	37,0	55		1050510-24-24
100	2“-11	2“-11	67,0	25,0	25,0	45,0	70		1050510-32-32
70	2 1/2“-11	2 1/2“-11	70,0	26,0	26,0	51,0	90		1050510-40-40

GERADE - ADAPTER
STRAIGHT - ADAPTORS

BSP - BSP
Mit 60°-Innenkonus
wd = Abdichtung durch Profildichtung - FPM
Männlich - Männlich

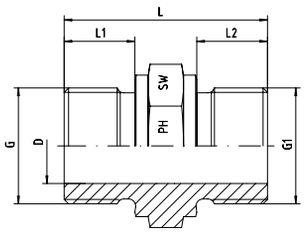
BSP - BSP
With 60°-Cone
wd = Sealing by an Elastomer Profiled Ring - FPM
Male - Male - Parallel



Druck Pressure	**Gewinde** Thread		**Ca. Maße** Approx. Dimensions					**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G = BSP**	**G1 = BSP**	**L**	**L1**	**L2**	**D**	**SW**		
400	1/8“-28	1/8“-28	23,0	8,0	8,0	4,5	14		1050508-02-02
400	1/4“-19	1/4“-19	29,0	10,0	10,0	6,0	19		1050508-04-04
400	3/8“-19	3/8“-19	35,0	12,0	12,0	9,0	22		1050508-06-06
400	1/2“-14	1/2“-14	41,0	14,0	14,0	13,0	27		1050508-08-08
400	3/4“-14	3/4“-14	46,0	16,0	16,0	18,0	32		1050508-12-12
400	1“-11	1“-11	52,0	18,0	18,0	23,5	41		1050508-16-16
200	1 1/4“-11	1 1/4“-11	58,0	20,0	20,0	30,0	50		1050508-20-20
200	1 1/2“-11	1 1/2“-11	61,0	22,0	22,0	37,0	55		1050508-24-24
100	2“-11	2“-11	67,0	25,0	25,0	45,0	70		1050508-32-32

BSP - BSP - Flachdichtend
Mit angedrehter Dichtkante Form B
Männlich - Männlich

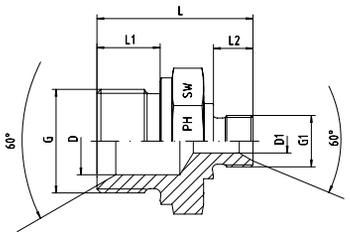
BSP - BSP - Flat face
With Sealing Shoulder Form B
Male - Male - Parallel



Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	G = BSP	G1 = BSP	L	L1	L2	D	SW		
400	1/8“-28	1/8“-28	23,0	8,0	8,0	4,5	14		1050521-02-02
400	1/4“-19	1/4“-19	29,0	10,0	10,0	6,0	19		1050521-04-04
400	3/8“-19	3/8“-19	35,0	12,0	12,0	9,0	22		1050521-06-06
400	1/2“-14	1/2“-14	41,0	14,0	14,0	13,0	27		1050521-08-08
400	5/8“-14	5/8“-14	43,5	16,0	16,0	14,5	30		1050521-10-10
400	3/4“-14	3/4“-14	46,0	16,0	16,0	18,0	32		1050521-12-12
400	1“-11	1“-11	52,0	18,0	18,0	23,5	41		1050521-16-16
200	1 1/4“-11	1 1/4“-11	58,0	20,0	20,0	30,0	50		1050521-20-20
200	1 1/2“-11	1 1/2“-11	61,0	22,0	22,0	37,0	55		1050521-24-24
100	2“-11	2“-11	67,0	25,0	25,0	45,0	70		1050521-32-32
70	2 1/2“-11	2 1/2“-11	70,0	26,0	26,0	51,0	90		1050521-40-40

BSP - BSP
Mit 60°-Innenkonus und angedrehter Dichtkante Form B
Männlich - Männlich

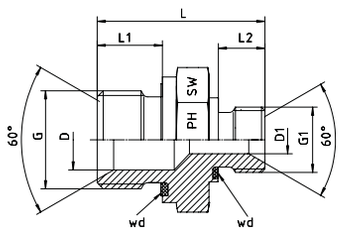
With 60°-Cone and Sealing Shoulder Form B
BSP - Male - Male



Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions						Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = BSP**	**G1 = BSP**	**L**	**L1**	**L2**	**D**	**D1**	**SW**		
400	1/4“-19	1/8“-28	28,0	12,0	8,0	6,0	4,5	19		1050510-04-02
400	3/8“-19	1/8“-28	30,5	12,0	8,0	9,0	4,5	22		1050510-06-02
400	3/8“-19	1/4“-19	33,0	12,0	10,0	9,0	6	22		1050510-06-04
400	1/2“-14	1/8“-28	34,0	14,0	8,0	13,0	4,5	27		1050510-08-02
400	1/2“-14	1/4“-19	38,0	14,0	11,0	12,5	7	27		1050510-08-04
400	1/2“-14	3/8“-19	40,0	14,0	12,0	13,0	9	27		1050510-08-06
400	5/8“-14	3/8“-19	40,0	14,0	12,0	14,0	8	30		1050510-10-06
400	5/8“-14	1/2“-14	42,0	16,0	14,0	14,5	11,5	30		1050510-10-08
400	3/4“-14	1/4“-19	39,5	16,0	10,0	18,0	6	32		1050510-12-04
400	3/4“-14	3/8“-19	41,0	16,0	12,0	18,0	9	32		1050510-12-06
400	3/4“-14	1/2“-14	45,0	16,0	14,0	18,0	13	32		1050510-12-08
400	3/4“-14	5/8“-14	45,0	16,0	16,0	17,0	14,5	32		1050510-12-10
400	1“-11	3/8“-19	47,0	18,0	12,0	23,0	9	41		1050510-16-06
400	1“-11	1/2“-14	48,0	18,0	14,0	23,5	13	41		1050510-16-08
400	1“-11	3/4“-14	53,0	18,0	16,0	23,5	17	41		1050510-16-12
200	1 1/4“-11	1/2“-14	51,0	20,0	14,0	30,0	13	50		1050510-20-08
200	1 1/4“-11	3/4“-14	53,5	20,0	16,0	30,5	18	50		1050510-20-12
200	1 1/4“-11	1“-11	58,0	20,0	18,0	30,5	23	50		1050510-20-16
200	1 1/2“-11	3/4“-14	55,0	22,0	16,0	37,0	17	55		1050510-24-12
200	1 1/2“-11	1“-11	57,0	22,0	18,0	37,0	23,5	55		1050510-24-16
200	1 1/2“-11	1 1/4“-11	61,0	22,0	20,0	37,0	30	55		1050510-24-20
100	2“-11	1“-11	62,0	25,0	18,0	43,0	23,5	70		1050510-32-16
100	2“-11	1 1/4“-11	62,0	25,0	20,0	45,0	30	70		1050510-32-20
100	2“-11	1 1/2“-11	64,0	25,0	22,0	45,0	37	70		1050510-32-24

BSP - BSP
Mit 60°-Innenkonus
wd = Abdichtung durch Profildichtung - FPM
Männlich - Männlich

BSP - BSP
With 60°-Cone
wd = Sealing by an Elastomer Profiled Ring - FPM
Male - Male - Parallel

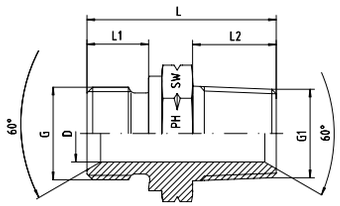


Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions						Bemerkungen Notes	Bestellzeichen Order-Code
PN	G = BSP	G1 = BSP	L	L1	L2	D	D1	SW		
400	1/4“-19	1/8“-28	28,0	12,0	8,0	6,0	4,5	19		1050508-04-02
400	3/8“-19	1/8“-28	30,5	12,0	8,0	9,0	4,5	22		1050508-06-02
400	3/8“-19	1/4“-19	33,0	12,0	10,0	9,0	6,0	22		1050508-06-04
400	1/2“-14	1/4“-19	38,0	14,0	11,0	12,5	7,0	27		1050508-08-04
400	1/2“-14	3/8“-19	40,0	14,0	12,0	13,0	9,0	27		1050508-08-06
400	3/4“-14	1/4“-19	39,5	16,0	10,0	18,0	6,0	32		1050508-12-04
400	3/4“-14	3/8“-19	41,0	16,0	12,0	18,0	9,0	32		1050508-12-06
400	3/4“-14	1/2“-14	45,0	16,0	14,0	18,0	13,0	32		1050508-12-08
400	1“-11	3/8“-19	47,0	18,0	12,0	23,0	9,0	41		1050508-16-06
400	1“-11	1/2“-14	48,0	18,0	14,0	23,5	13,0	41		1050508-16-08
400	1“-11	3/4“-14	53,0	18,0	16,0	23,5	17,0	41		1050508-16-12
200	1 1/4“-11	1/2“-14	51,0	20,0	14,0	30,0	13,0	50		1050508-20-08
200	1 1/4“-11	3/4“-14	53,5	20,0	16,0	30,5	18,0	50		1050508-20-12
200	1 1/4“-11	1“-11	58,0	20,0	18,0	30,5	23,0	50		1050508-20-16
200	1 1/2“-11	3/4“-14	55,0	22,0	16,0	37,0	17,0	55		1050508-24-12
200	1 1/2“-11	1“-11	57,0	22,0	18,0	37,0	23,5	55		1050508-24-16
200	1 1/2“-11	1 1/4“-11	61,0	22,0	20,0	37,0	30,0	55		1050508-24-20
100	2“-11	1“-11	62,0	25,0	18,0	43,0	23,5	70		1050508-32-16
100	2“-11	1 1/4“-11	62,0	25,0	20,0	45,0	30,0	70		1050508-32-20
100	2“-11	1 1/2“-11	64,0	25,0	22,0	45,0	37,0	70		1050508-32-24

GERADE - ADAPTER
STRAIGHT - ADAPTORS

BSP - Zylindrisch - Männlich mit 60°-Konus und angedrehter Dichtkante Form B
NPT - Männlich mit 60°-Konus
Andere Größen auf Anfrage!

BSP - Male with 60°-Cone and Sealing Shoulder Form B
NPT - Male with 60°-Cone
Other sizes on request!



Reihe / Series A

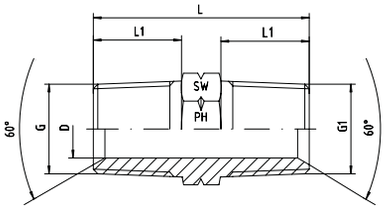
Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = BSP**	**G1 = NPT**	**L**	**L1**	**L2**	**D**	**SW**		
400	1/8“-28	1/8“-27	24,5	8,0	10,0	4,0	14		1052810-02-02
400	1/4“-19	1/4“-18	32,5	10,0	15,0	6,0	19		1052810-04-04
400	3/8“-19	3/8“-18	38,0	12,0	15,3	9,0	22		1052810-06-06
400	1/2“-14	1/2“-14	43,0	14,0	20,0	12,5	27		1052810-08-08
400	3/4“-14	3/4“-14	47,0	16,0	20,0	17,5	32		1052810-12-12
400	1“-11	1“-11,5	54,5	18,0	25,0	22,5	41		1052810-16-16
200	1 1/4“-11	1 1/4“-11,5	66,0	20,0	25,5	30,0	50		1052810-20-20
200	1 1/2“-11	1 1/2“-11,5	64,0	22,0	26,0	37,0	55		1052810-24-24
100	2“-11	2“-11,5	66,0	25,0	26,0	45,0	70		1052810-32-32

Reihe / Series B

Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = BSP**	**G1 = NPT**	**L**	**L1**	**L2**	**D**	**SW**		
400	1/8“-28	1/4“-18	30,0	8,0	15,0	4,0	14		1052810-02-04
400	1/4“-19	1/8“-27	27,5	10,0	10,0	4,0	19		1052810-04-02
400	1/4“-19	3/8“-18	33,0	10,0	15,3	6,0	19		1052810-04-06
400	1/4“-19	1/2“-14	40,0	10,0	20,0	6,0	22		1052810-04-08
400	3/8“-19	1/4“-18	35,5	12,0	15,0	7,0	22		1052810-06-04
400	3/8“-19	1/2“-14	42,0	12,0	20,0	9,0	22		1052810-06-08
400	3/8“-19	3/4“-14	42,0	12,0	20,0	9,0	27		1052810-06-12
400	1/2“-14	1/4“-18	40,0	14,0	15,0	7,0	27		1052810-08-04
400	1/2“-14	3/8“-18	40,0	14,0	15,3	9,0	27		1052810-08-06
400	1/2“-14	3/4“-14	45,0	14,0	20,0	12,0	27		1052810-08-12
400	1/2“-14	1“-11,5	50,0	14,0	25,0	12,5	36		1052810-08-16
400	3/4“-14	1/2“-14	45,0	16,0	20,0	12,5	32		1052810-12-08
400	3/4“-14	1“-11,5	52,0	16,0	25,0	17,5	36		1052810-12-16
400	1“-11	3/8“-18	45,0	18,0	15,3	9,0	41		1052810-16-06
400	1“-11	1/2“-14	50,0	18,0	20,0	12,5	41		1052810-16-08
400	1“-11	3/4“-14	50,0	18,0	20,0	15,0	41		1052810-16-12

NPT - Männlich mit 60°-Konus

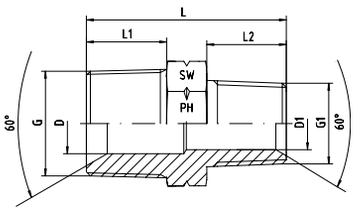
NPT - Male with 60°-Cone



Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	G = NPT	G1 = NPT	L	L1	D	SW		
630	1/8“-27	1/8“-27	27,0	10,0	5,0	12		1282810-02-02
630	1/4“-18	1/4“-18	36,5	15,0	7,0	14		1282810-04-04
630	3/8“-18	3/8“-18	36,5	15,3	9,0	19		1282810-06-06
630	1/2“-14	1/2“-14	48,4	20,0	13,5	22		1282810-08-08
630	3/4“-14	3/4“-14	50,0	20,0	18,0	27		1282810-12-12
400	1“-11,5	1“-11,5	59,0	25,0	21,0	36		1282810-16-16
400	1 1/4“-11,5	1 1/4“-11,5	63,0	25,5	31,5	46		1282810-20-20
400	1 1/2“-11,5	1 1/2“-11,5	65,0	26,0	36,0	50		1282810-24-24
315	2“-11,5	2“-11,5	68,0	26,0	46,0	65		1282810-32-32

NPT - Männlich mit 60°-Konus

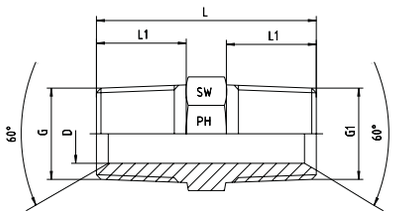
NPT - Male with 60°-Cone



Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions						Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = NPT**	**G1 = NPT**	**L**	**L1**	**L2**	**D**	**D1**	**SW**		
630	1/4“-18	1/8“-27	32,0	15,0	10,0	7,0	5,0	14		1282810-04-02
630	3/8“-18	1/8“-27	32,3	15,3	10,0	9,0	5,0	19		1282810-06-02
630	3/8“-18	1/4“-18	36,5	15,3	15,0	7,0	7,0	19		1282810-06-04
630	1/2“-14	1/4“-18	43,0	20,0	15,0	7,0	7,0	22		1282810-08-04
630	1/2“-14	3/8“-18	43,7	20,0	15,3	13,5	8,0	22		1282810-08-06
630	3/4“-14	1/2“-14	50,0	20,0	20,0	18,0	13,5	27		1282810-12-08
400	1“-11,5	1/2“-14	54,0	25,0	20,0	21,0	13,5	36		1282810-16-08
400	1“-11,5	3/4“-14	54,2	25,0	20,0	21,0	18,0	36		1282810-16-12

BSP - Kegelig
BSP - Kegelig

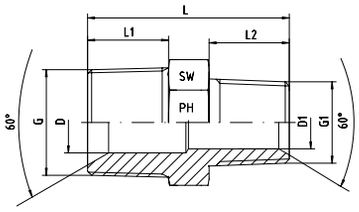
BSP - Taper
BSP - Taper



Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = BSPT**	**G1 = BSPT**	**L**	**L1**	**D**	**SW**		
400	1/8“-28	1/8“-28	22,0	8,0	4,0	12		1070710-02-02
400	1/4“-19	1/4“-19	30,0	12,0	5,0	14		1070710-04-04
400	3/8“-19	3/8“-19	31,0	12,0	8,0	19		1070710-06-06
400	1/2“-14	1/2“-14	38,0	14,0	13,5	22		1070710-08-08
400	3/4“-14	3/4“-14	43,0	16,0	18,0	27		1070710-12-12
400	1“-11	1“-11	47,0	18,0	22,5	36		1070710-16-16
200	1 1/4“-11	1 1/4“-11	52,0	20,0	29,0	46		1070710-20-20
200	1 1/2“-11	1 1/2“-11	58,0	22,0	33,5	50		1070710-24-24
100	2“-11	2“-11	68,0	26,0	46,0	65		1070710-32-32

BSP - Kegelig
BSP - Kegelig

BSP - Taper
BSP - Taper

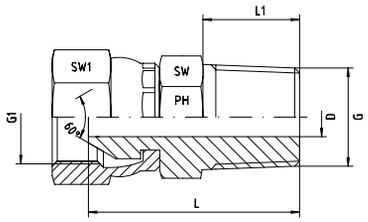


Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions						Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = BSPT**	**G1 = BSPT**	**L**	**L1**	**L2**	**D**	**D1**	**SW**		
400	1/4“-19	1/8“-28	26,0	12,0	8,0	5,0	5,0	14		1070710-04-02
400	3/8“-19	1/4“-19	31,0	12,0	12,0	8,0	8,0	19		1070710-06-04
400	1/2“-14	3/8“-19	34,0	14,0	12,0	11,5	8,0	22		1070710-08-06
400	3/4“-14	1/2“-14	39,0	16,0	14,0	18,0	13,5	27		1070710-12-08
400	1“-11	1/2“-14	40,0	18,0	14,0	26,0	13,5	36		
400	1“-11	3/4“-14	45,0	18,0	19,0	22,5	17,0	36		1070710-16-12
200	1 1/4“-11	1“-11	50,0	20,0	18,0	29,0	22,5	46		1070710-20-16
200	1 1/2“-11	1 1/4“-11	56,0	22,0	20,0	33,5	29,0	50		1070710-24-20

GERADE - DICHTKEGEL - ADAPTER
STRAIGHT - MALE - FEMALE - ADAPTORS

BSP - Weiblich mit drehbarer Mutter
für 60°-Gegenanschluss
BSP - Kegelig - Männlich

BSP - Female with Swivle Nut for 60°-Connection
BSP - Taper - Male

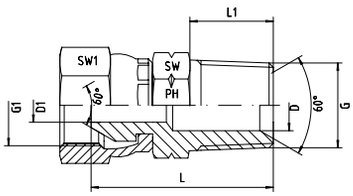


Druck Pressure	**Gewinde** Thread		**Ca. Maße** Approx. Dimensions					**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G = BSPT**	**G1 = BSP**	**L**	**L1**	**D**	**SW**	**SW1**		
400	1/8“-28	1/8“-28	23,0	8,0	4,0	12	14		2070511-02-02
400	1/4“-19	1/4“-19	28,0	12,0	5,0	14	19		2070511-04-04
400	3/8“-19	3/8“-19	30,6	12,0	8,0	19	22		2070511-06-06
400	1/2“-14	1/2“-14	37,0	14,0	9,5	24	27		2070511-08-08
400	3/4“-14	3/4“-14	39,0	16,0	16,5	27	32		2070511-12-12
400	1“-11	1“-11	44,3	18,0	22,5	36	41		2070511-16-16
200	1 1/4“-11	1 1/4“-11	51,9	20,0	29,0	46	50		2070511-20-20
200	1 1/2“-11	1 1/2“-11	54,6	22,0	33,5	50	55		2070511-24-24
100	2“-11	2“-11	69,0	26,0	42,0	65	70		2070511-32-32

GERADE - DICHTKEGEL - ADAPTER
STRAIGHT - MALE - FEMALE - ADAPTORS

BSP - Weiblich mit drehbarer Mutter
für 60°-Gegenanschluss
NPT - Männlich

BSP - Female with Swivel Nut for 60°-Connection
NPT - Male

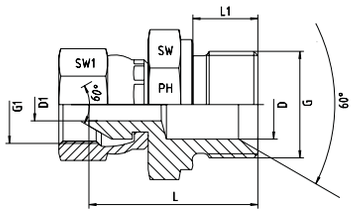


Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions						Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = NPT**	**G1 = BSP**	**L**	**L1**	**D**	**D1**	**SW**	**SW1**		
400	1/8“-27	1/8“-28	25,0	10,0	4,0	4,0	12	14		2280511-02-02
400	1/4“-18	1/4“-19	32,0	15,0	7,0	5,0	14	19		2280511-04-04
400	3/8“-18	1/4“-19	32,0	15,3	10,3	5,0	19	19		2280511-04-06
400	1/4“-18	3/8“-19	33,6	15,0	7,0	7,0	17	22		2280511-06-04
400	3/8“-18	3/8“-19	33,0	15,3	10,0	8,0	19	22		2280511-06-06
400	1/2“-14	3/8“-19	40,8	20,0	13,5	8,0	22	22		2280511-06-08
400	3/8“-18	1/2“-14	34,8	15,3	10,3	9,5	19	27		2280511-08-06
400	1/2“-14	1/2“-14	42,0	20,0	13,5	9,5	22	27		2280511-08-08
400	3/4“-14	1/2“-14	41,0	20,0	16,5	9,5	27	27		2280511-08-12
400	1/2“-14	3/4“-14	43,0	20,0	13,5	16,5	27	32		2280511-12-08
400	3/4“-14	3/4“-14	43,0	20,0	16,5	16,5	27	32		2280511-12-12
400	1“-11,5	3/4“-14	48,5	25,0	24,0	16,5	36	32		2280511-12-16
400	1“-11	1“-11	49,5	25,0	24,0	21,0	36	41		2280511-16-16
200	1 1/4“-11,5	1 1/4“-11	53,0	25,5	28,0	28,0	46	50		2280511-20-20
200	1 1/2“-11,5	1 1/2“-11	57,0	26,0	32,5	32,5	50	55		2280511-24-24
100	2“-11,5	2“-11	69,0	26,0	42,0	42,0	65	70		2280511-32-32

GERADE - DICHTKEGEL - ADAPTER
STRAIGHT - MALE - FEMALE - ADAPTORS

BSP - Weiblich mit drehbarer Mutter
BSP - Männlich mit 60°-Konus
und angedrehter Dichtkante Form B

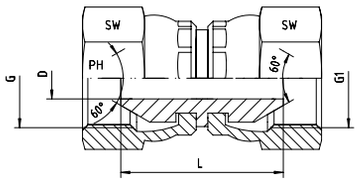
BSP - Female with Swivel Nut
BSP - Male with 60°-Cone
and Sealing Shoulder Form B



Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions						Bemerkungen Notes	Bestellzeichen Order-Code
PN	G1	G	L	L1	D	D1	SW	SW1		
400	1/8“-28	1/8“-28	23,5	8,0	4,0	4,0	14	14		2050511-02-02
400	1/8“-28	1/4“-19	27,5	12,0	4,0	4,0	19	14		2050511-02-04
400	1/4“-19	1/8“-28	27,0	8,0	4,0	4,0	14	19		2050511-04-02
400	1/4“-19	1/4“-19	30,0	12,0	5,0	5,0	19	19		2050511-04-04
400	1/4“-19	3/8“-19	31,5	12,0	9,0	5,0	22	19		2050511-04-06
400	1/4“-19	1/2“-14	35,5	14,0	11,5	5,0	27	19		2050511-04-08
400	3/8“-19	1/8“-28	26,0	8,0	4,5	4,5	17	19		2050511-06-02
400	3/8“-19	1/4“-19	31,5	12,0	5,0	8,0	19	22		2050511-06-04
400	3/8“-19	3/8“-19	32,5	12,0	8,0	8,0	22	22		2050511-06-06
400	3/8“-19	1/2“-14	37,0	14,0	11,5	8,0	27	22		2050511-06-08
400	1/2“-14	1/4“-19	31,5	12,0	5,0	11,0	19	27		2050511-08-04
400	1/2“-14	3/8“-19	32,5	12,0	9,0	9,0	22	27		2050511-08-06
400	1/2“-14	1/2“-14	36,0	14,0	11,0	11,0	27	27		2050511-08-08
400	1/2“-14	3/4“-14	39,5	16,0	11,0	11,0	32	27		2050511-08-12
400	3/4“-14	1/2“-14	42,0	14,0	11,5	16,0	27	32		2050511-12-08
400	3/4“-14	3/4“-14	41,0	16,0	16,5	16,5	32	32		2050511-12-12
400	3/4“-14	1“-11	45,0	18,0	22,5	16,5	41	32		2050511-12-16
400	1“-11	3/4“-14	44,0	18,0	17,0	22,0	32	41		2050511-16-12
400	1“-11	1“-11	45,5	18,0	22,0	22,0	41	41		2050511-16-16
200	1“-11	1 1/4“-11	49,5	20,0	29,0	22,5	50	41		2050511-16-20
200	1 1/4“-11	1“-11	53,0	18,0	22,0	22,0	41	50		2050511-20-16
200	1 1/4“-11	1 1/4“-11	48,5	20,0	28,0	28,0	50	50		2050511-20-20
200	1 1/2“-11	1 1/2“-11	53,0	22,0	33,0	33,0	55	55		2050511-24-24
100	2“-11	2“-11	72,0	23,0	42,0	42,0	70	70		2050511-32-32

Weiblich - BSP - BSP
mit drehbarer Mutter an beiden Seiten

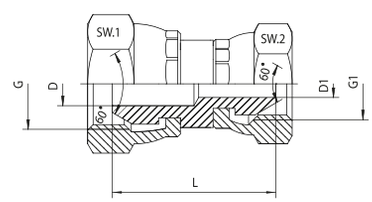
Female - BSP - BSP
with Swivel Nut at both sides



Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G1**	**G**	**L**	**D**	**SW**		
400	1/8“-28	1/8“-28	21,0	4,0	14		3050511-02-02
400	1/4“-19	1/4“-19	26,0	5,0	19		3050511-04-04
400	3/8“-19	3/8“-19	30,0	8,0	22		3050511-06-06
400	1/2“-14	1/2“-14	29,0	11,0	27		3050511-08-08
400	3/4“-14	3/4“-14	34,0	16,5	32		3050511-12-12
400	1“-11	1“-11	36,0	22,0	41		3050511-16-16
200	1 1/4“-11	1 1/4“-11	38,0	28,0	50		3050511-20-20
200	1 1/2“-11	1 1/2“-11	51,0	34,0	55		3050511-24-24
100	2“-11	2“-11	66,0	42,0	70		3050511-32-32

Weiblich - BSP - BSP
mit drehbarer Mutter an beiden Seiten

Female - BSP - BSP
with Swivel Nut at both sides

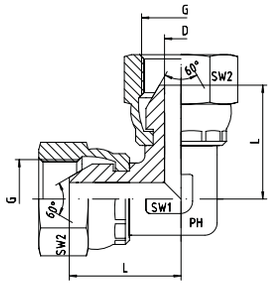


Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G**	**G1**	**L**	**D**	**D1**	**SW1**	**SW2**		
400	1/4“-19	1/8“-28	23,0	5,0	4,0	19	14		3050511-04-02
400	3/8“-19	1/4“-19	30,0	8,0	5,0	22	19		3050511-06-04
400	1/2“-14	3/8“-19	30,0	11,0	8,0	27	22		3050511-08-06
400	3/4“-14	1/2“-14	31,0	16,5	11,0	32	27		3050511-12-08
400	1“-11	3/4“-14	35,0	22,0	16,5	41	32		3050511-16-12
200	1 1/4“-11	1“-11	37,0	28,0	22,0	50	41		3050511-20-16
200	1 1/2“-11	1 1/4“-11	47,5	34,0	28,0	55	50		3050511-24-20

DOPPEL - DICHTKEGEL - ADAPTER
SWIVELE - FEMALE - ADAPTORS

Weiblich - BSP - BSP
mit drehbarer Mutter an beiden Seiten

Female - BSP - BSP
with Swivel Nut at both sides

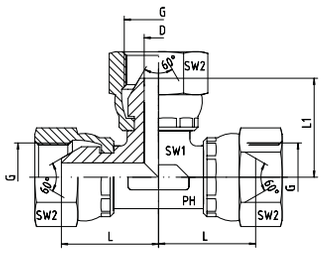


Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G**	**L**	**D**	**SW1**	**SW2**		
400	1/8“-28	18,0	4,0	12	14		4050511-02
400	1/4“-19	23,5	6,0	14	19		4050511-04
400	3/8“-19	25,5	8,0	17	22		4050511-06
400	1/2“-14	29,5	11,0	19	27		4050511-08
400	3/4“-14	37,0	16,0	27	32		4050511-12
400	1“-11	43,0	22,0	36	41		4050511-16
200	1 1/4“-11	51,0	28,0	41	50		4050511-20
200	1 1/2“-11	50,0	33,5	50	55		4050511-24
100	2“-11	80,0	42,0	65	70		4050511-32

DOPPEL - DICHTKEGEL - ADAPTER
SWIVELE - FEMALE - ADAPTORS

Weiblich - BSP - BSP - BSP
mit drehbarer Mutter an allen Seiten

Female - BSP - BSP - BSP
with Swivel Nut at all sides

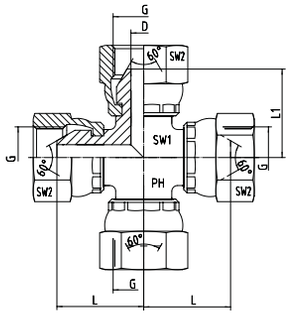


Druck Pressure	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions					**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G**	**L**	**L1**	**D**	**SW1**	**SW2**		
400	1/8“-28	18,0	18,0	4,0	12	14		4150511-02
400	1/4“-19	23,5	23,5	6,0	14	19		4150511-04
400	3/8“-19	25,5	25,5	8,0	17	22		4150511-06
400	1/2“-14	29,5	29,5	11,0	19	27		4150511-08
400	3/4“-14	37,0	37,0	16,0	27	32		4150511-12
400	1“-11	43,0	43,0	22,0	36	41		4150511-16
200	1 1/4“-11	51,0	51,0	28,0	41	50		4150511-20
200	1 1/2“-11	50,0	50,0	33,5	50	55		4150511-24
100	2“-11	80,0	80,0	42,0	65	70		4150511-32

DOPPEL - DICHTKEGEL - ADAPTER
SWIVELE - FEMALE - ADAPTORS

Weiblich - BSP
alle Seiten mit drehbarer Mutter

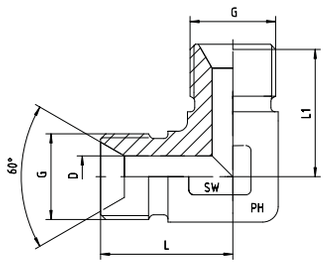
Female - BSP
all sides with Swivel Nut



Druck Pressure	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions					**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G**	**L**	**L1**	**D**	**SW1**	**SW2**		
400	1/8“-28	18,0	18,0	4,0	12	14		4250511-02
400	1/4“-19	23,5	23,5	6,0	14	19		4250511-04
400	3/8“-19	25,5	25,5	8,0	17	22		4250511-06
400	1/2“-14	29,5	29,5	11,0	19	27		4250511-08
400	3/4“-14	37,0	37,0	16,0	27	32		4250511-12
400	1“-11	43,0	43,0	22,0	36	41		4250511-16
200	1 1/4“-11	51,0	51,0	28,0	41	50		4250511-20
200	1 1/2“-11	50,0	50,0	33,5	50	55		4250511-24
	2“-11					70		4250511-32

Männlich - BSP - BSP
mit 60°-Konus

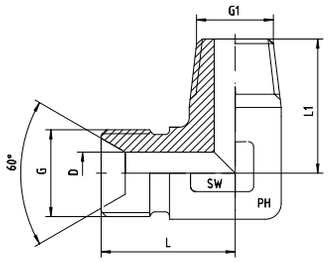
Male - BSP - BSP
with 60°-Cone



Druck Pressure	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions				**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G**	**L**	**L1**	**D**	**SW**		
400	1/8“-28	20,0	20,0	4,0	12		1350510-02
400	1/4“-19	24,5	24,5	6,0	14		1350510-04
400	3/8“-19	25,5	25,5	8,0	17		1350510-06
400	1/2“-14	29,5	29,5	11,0	19		1350510-08
400	3/4“-14	37,0	37,0	16,0	27		1350510-12
400	1“-11	43,0	43,0	22,0	36		1350510-16
200	1 1/4“-11	51,0	51,0	28,5	41		1350510-20
200	1 1/2“-11	59,0	59,0	33,5	50		1350510-24
100	2“-11	77,5	77,5	45,0	65		1350510-32

BSP - Zylindrisch - Männlich mit 60°-Konus
BSP - Kegelig - Männlich

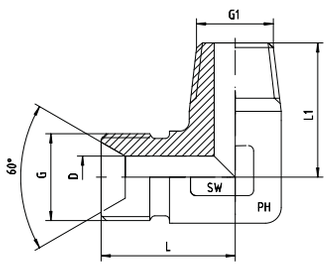
BSP - Male with 60°-Cone
BSP - Taper - Male



Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = BSP zyl.**	**G1 = keg.**	**L**	**L1**	**D**	**SW**		
400	1/8“-28	1/8“-28	20,0	20,0	4,0	12		1350500-02
400	1/4“-19	1/4“-19	24,5	26,0	6,0	14		1350500-04
400	3/8“-19	3/8“-19	25,5	25,5	8,0	17		1350500-06
400	1/2“-14	1/2“-14	29,5	35,0	11,0	19		1350500-08
400	3/4“-14	3/4“-14	37,0	37,0	16,0	27		1350500-12
400	1“-11	1“-11	43,0	43,0	22,0	36		1350500-16
200	1 1/4“-11	1 1/4“-11	51,0	51,0	28,5	41		1350500-20
200	1 1/2“-11	1 1/2“-11	59,0	63,0	33,5	50		1350500-24
100	2“-11	2“-11	77,5	77,5	45,0	65		1350500-32

BSP - Zylindrisch - Männlich mit 60°-Konus
NPT - Männlich

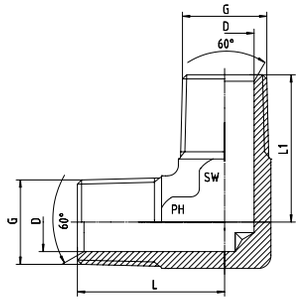
BSP - Male with 60°-Cone
NPT - Male



Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = BSP zyl.**	**G1 = NPT**	**L**	**L1**	**D**	**SW**		
400	1/8“-28	1/8“-27,0	20,0	20,0	4,0	12		1350522-02
400	1/4“-19	1/4“-18,0	24,5	26,0	6,0	14		1350522-04
400	3/8“-19	3/8“-18,0	25,5	25,5	8,0	17		1350522-06
400	1/2“-14	1/2“-14,0	29,5	35,0	11,0	19		1350522-08
400	3/4“-14	3/4“-14,0	37,0	37,0	16,0	27		1350522-12
400	1“-11	1“-11,5	43,0	43,0	22,0	36		1350522-16
200	1 1/4“-11	1 1/4“-11,5	51,0	51,0	28,5	41		1350522-20
200	1 1/2“-11	1 1/2“-11,5	59,0	63,0	33,5	50		1350522-24
100	2“-11	2“-11,5	77,5	77,5	45,0	65		1350522-32

Männlich - NPT - NPT
mit 60°-Konus

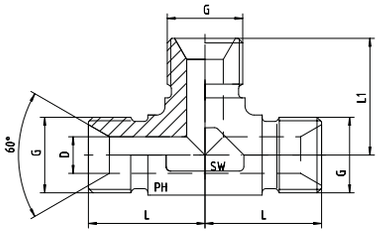
Male - NPT - NPT
with 60°-Cone



Druck Pressure	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions				**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G = NPT**	**L**	**L1**	**D**	**SW**		
420	1/8“-27	20,0	20,0	5,0	12		1350511-02
420	1/4“-18	28,0	28,0	7,0	14		1350511-04
420	3/8“-18	31,0	31,0	10,0	19		1350511-06
420	1/2“-14	35,0	35,0	14,0	24		1350511-08
420	3/4“-14	40,0	40,0	18,0	36		1350511-12
420	1“-11,5	50,0	50,0	24,0	41		1350511-16
315	1 1/4“-11,5	56,0	56,0	30,0	50		1350511-20
315	1 1/2“-11,5	59,0	59,0	37,0	50		1350511-24
315	2“-11,5	76,0	76,0	45,0	65		1350511-32

Männlich - BSP - BSP - BSP
mit 60°-Konus

Male - BSP - BSP - BSP
with 60°-Cone

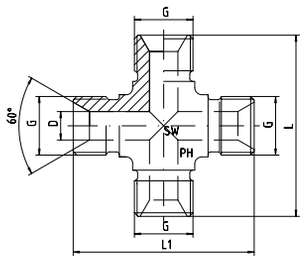


Druck Pressure	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions				**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G**	**L**	**L1**	**D**	**SW**		
400	1/8“-28	20,0	20,0	4,0	12		1450510-02
400	1/4“-19	24,5	24,5	6,0	14		1450510-04
400	3/8“-19	25,5	25,5	8,0	17		1450510-06
400	1/2“-14	29,5	29,5	11,0	19		1450510-08
400	3/4“-14	37,0	37,0	16,0	27		1450510-12
400	1“-11	43,0	43,0	22,0	36		1450510-16
200	1 1/4“-11	51,0	51,0	28,5	41		1450510-20
200	1 1/2“-11	59,0	59,0	33,5	50		1450510-24
100	2“-11	77,5	77,5	45,0	65		1450510-32

AUSSENGEWINDE - ADAPTER
MALE - ADAPTORS

Männlich - BSP
alle Seiten mit 60°-Konus

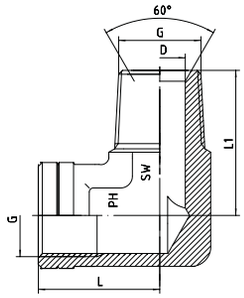
Male - BSP
all sides with 60°-Cone



Druck Pressure	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions				**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G = NPT**	**L**	**L1**	**D**	**SW**		
400	1/8“-28	40,0	40,0	4,0	12		1550510-02
400	1/4“-19	49,0	49,0	6,0	14		1550510-04
400	3/8“-19	51,0	51,0	8,0	17		1550510-06
400	1/2“-14	59,0	59,0	11,0	19		1550510-08
400	3/4“-14	74,0	74,0	16,0	27		1550510-12
400	1“-11	86,0	86,0	22,0	36		1550510-16
200	1 1/4“-11						1550510-20
200	1 1/2“-11						1550510-24
	2“-11						1550510-32

Männlich - NPT mit 60°-Konus - Weiblich - NPT

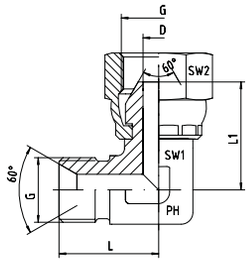
Male - NPT with 60°-Cone - Female - NPT



Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	G = NPT	L	L1	D	SW		
420	1/8“-27	20,0	22,0	5,0	17		1350512-02
420	1/4“-18	22,5	30,0	7,0	19		1350512-04
420	3/8“-18	26,3	32,0	10,0	24		1350512-06
420	1/2“-14	31,0	37,0	14,0	27		1350512-08
420	3/4“-14	33,5	43,0	18,0	36		1350512-12
420	1“-11,5	43,0	50,0	24,0	41		1350512-16
315	1 1/4“-11,5	51,0	56,0	30,0	50		1350512-20
315	1 1/2“-11,5	53,0	67,0	36,0	65		1350512-24

90°- Winkel - Kompakt - Adapter
Männlich - BSP - Starr mit 60°-Konus
Weiblich - Mit drehbarer Mutter

90°- Block - Elbow - Adaptors
Male - BSP - Fixed with 60°-Cone
Female - With Swivel Nut

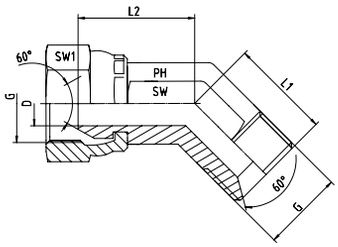


Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G**	**L**	**L1**	**D**	**SW1**	**SW2**		
400	1/8“-28	20,0	18,0	4,0	12	14		1560510-02
400	1/4“-19	24,5	23,5	6,0	14	19		1560510-04
400	3/8“-19	25,5	25,5	8,0	17	22		1560510-06
400	1/2“-14	29,5	29,5	11,0	19	27		1560510-08
400	3/4“-14	37,0	37,0	16,0	27	32		1560510-12
400	1“-11	43,0	43,0	22,0	36	41		1560510-16
200	1 1/4“-11	51,0	51,0	28,0	41	50		1560510-20
200	1 1/2“-11	59,0	50,0	33,5	50	55		1560510-24
100	2“-11	77,5	80,0	42,0	65	70		1560510-32

KOMPAKT - WINKEL - ADAPTER
BLOCK - ELBOW - ADAPTORS

45°- Winkel - Kompakt - Adapter
Männlich - BSP - Starr mit 60°-Konus
Weiblich - Mit drehbarer Mutter

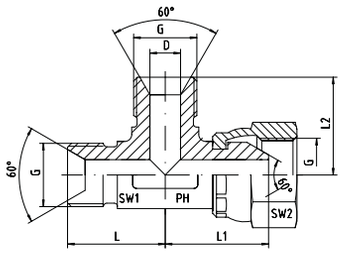
45°- Block - Elbow - Adaptors
Male - BSP - Fixed with 60°-Cone
Female - With Swivel Nut



Druck Pressure	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions					**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G**	**L1**	**L2**	**D**	**SW**	**SW1**		
400	1/8“-28	14,0	15,0	3,5	12	14		1545510-02
400	1/4“-19	21,0	21,0	6,0	14	19		1545510-04
400	3/8“-19	24,0	25,0	8,0	19	22		1545510-06
400	1/2“-14	27,0	29,0	11,0	22	27		1545510-08
400	3/4“-14	31,0	30,0	17,0	27	32		1545510-12
400	1“-11	35,0	32,0	22,0	36	41		1545510-16
200	1 1/4“-11	37,0	34,0	28,0	50	50		1545510-20
200	1 1/2“-11	46,0	47,0	33,5	50	55		1545510-24
100	2“-11	56,4	59,0	42,0	65	70		1545510-32

LE - Adapter
Männlich - Starr - BSP mit 60°-Konus
Weiblich - Drehbar - BSP

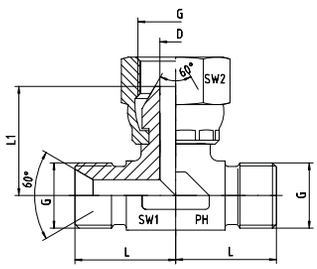
Run -Tee -Adaptors
Male - Fixed - BSP with 60°-Cone
Female - Swivel - BSP



Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G**	**L**	**L1**	**L2**	**D**	**SW1**		
400	1/8“-28	20,0	18,0	20,0	4,0	12		1570510-02
400	1/4“-19	24,5	24,5	24,5	6,0	14		1570510-04
400	3/8“-19	25,5	25,5	25,5	8,0	17		1570510-06
400	1/2“-14	29,5	29,5	29,5	11,0	19		1570510-08
400	3/4“-14	37,0	37,0	37,0	16,0	27		1570510-12
400	1“-11	43,0	43,0	43,0	22,0	36		1570510-16
200	1 1/4“-11	51,0	51,0	51,0	28,0	41		1570510-20
200	1 1/2“-11	59,0	50,0	59,0	33,5	50		1570510-24
100	2“-11	77,5	80,0	77,5	42,0	65		1570510-32

TE - Adapter
Männlich - Starr - BSP mit 60°-Konus
Weiblich - Drehbar - BSP

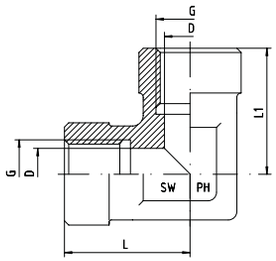
Brunch - Tee - Adaptors
Male - Fixed - BSP with 60°-Cone
Female - Swivel - BSP



Druck Pressure	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions					**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G**	**L**	**L1**	**D**	**SW1**	**SW2**		
400	1/8“-28	20,0	18,0	4,0	12	14		1580510-02
400	1/4“-19	24,5	23,5	6,0	14	19		1580510-04
400	3/8“-19	25,5	25,5	8,0	17	22		1580510-06
400	1/2“-14	29,5	29,5	11,0	19	27		1580510-08
400	3/4“-14	37,0	37,0	16,0	27	32		1580510-12
400	1“-11	43,0	43,0	22,0	36	41		1580510-16
200	1 1/4“-11	51,0	51,0	28,0	41	50		1580510-20
200	1 1/2“-11	59,0	50,0	33,5	50	55		1580510-24
100	2“-11	77,5	80,0	42,0	65	70		1580510-32

Weiblich - BSP - Zylindrisch - BSP - Zylindrisch

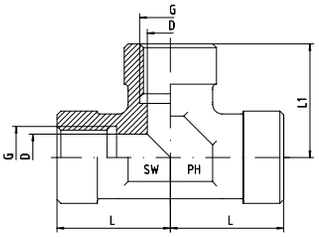
Female - BSP Parallel - BSP Parallel



Druck Pressure	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions				**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G**	**L**	**L1**	**D**	**SW**		
400	1/8“-28	20,0	20,0	8,6	17		1350520-02
400	1/4“-19	22,5	22,5	11,8	19		1350520-04
400	3/8“-19	26,2	26,2	15,2	24		1350520-06
400	1/2“-14	31,5	31,5	19,0	27		1350520-08
400	3/4“-14	33,5	33,5	24,6	36		1350520-12
400	1“-11	43,0	43,0	30,7	41		1350520-16
200	1 1/4“-11	51,0	51,0	39,3	50		1350520-20
200	1 1/2“-11	53,0	53,0	45,2	65		1350520-24
100	2“-11	63,0	63,0	56,9	70		1350520-32

Weiblich - BSP - Zylindrisch - BSP - Zylindrisch - BSP Zylindrisch

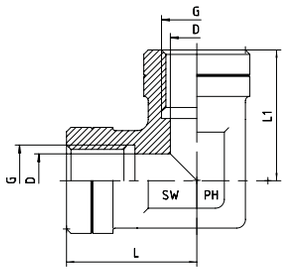
Female - BSP Parallel - BSP Parallel - BSP Parallel - Fixed



Druck Pressure	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions				**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G**	**L**	**L1**	**D**	**SW**		
400	1/8“-28	20,0	20,0	8,6	17		1450520-02
400	1/4“-19	22,5	22,5	11,8	19		1450520-04
400	3/8“-19	26,2	26,2	15,2	24		1450520-06
400	1/2“-14	31,5	31,5	19,0	27		1450520-08
400	3/4“-14	33,5	33,5	24,6	36		1450520-12
400	1“-11	43,0	43,0	30,7	41		1450520-16
200	1 1/4“-11	51,0	51,0	39,3	50		1450520-20
200	1 1/2“-11	53,0	53,0	45,2	65		1450520-24
100	2“-11	63,0	63,0	56,9	70		1450520-32

Weiblich - NPT - NPT

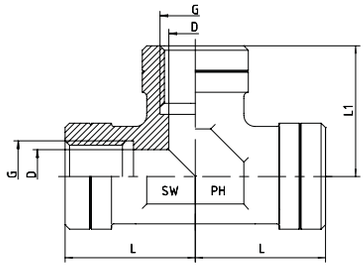
Female - NPT - NPT



Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = NPT**	**L**	**L1**	**D**	**SW**		
420	1/8“-27	20,0	20,0	8,6	17		1350521-02
420	1/4“-18	22,5	22,5	11,8	19		1350521-04
420	3/8“-18	26,2	26,2	15,2	24		1350521-06
420	1/2“-14	31,5	31,5	19,0	27		1350521-08
420	3/4“-14	33,5	33,5	24,6	36		1350521-12
420	1“-11,5	43,0	43,0	30,7	41		1350521-16
315	1 1/4“-11,5	51,0	51,0	39,3	50		1350521-20
315	1 1/2“-11,5	53,0	53,0	45,2	65		1350521-24

Weiblich - NPT - NPT - NPT

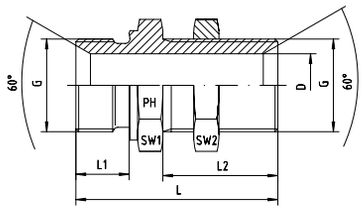
Female - NPT - NPT - NPT



Druck Pressure	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions				**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G = NPT**	**L**	**L1**	**D**	**SW**		
420	1/8“-27	20,0	20,0	8,6	17		1450521-02
420	1/4“-18	22,5	22,5	11,8	19		1450521-04
420	3/8“-18	26,2	26,2	15,2	24		1450521-06
420	1/2“-14	31,5	31,5	19,0	27		1450521-08
420	3/4“-14	33,5	33,5	24,6	36		1450521-12
420	1“-11,5	43,0	43,0	30,7	41		1450521-16
315	1 1/4“-11,5	51,0	51,0	39,3	50		1450521-20
315	1 1/2“-11,5	53,0	53,0	45,2	65		1450521-24

BSP - BSP
Schottausführung mit Kontermutter und 60°-Konus

BSP Male - BSP Male
Both sides with 60°-Cone and Back Nut

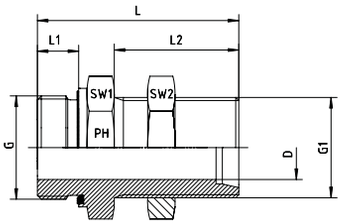


Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions						Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G**	**L**	**L1**	**L2**	**D**	**SW1**	**SW2**		
400	1/8“-28	42,5	8,0	28,0	4,5	14	14		1050511-02
400	1/4“-19	46,0	11,0	28,0	6,0	19	19		1050511-04
400	3/8“-19	52,0	12,0	32,0	8,0	22	22		1050511-06
400	1/2“-14	59,0	14,0	35,0	11,0	27	27		1050511-08
400	5/8“-14	63,0	16,0	35,0	14,5	30	30		1050511-10
400	3/4“-14	66,0	16,0	38,0	16,5	32	32		1050511-12
400	1“-11	72,0	19,0	41,0	22,5	41	41		1050511-16
200	1 1/4“-11	78,0	20,0	44,0	30,5	50	50		1050511-20
200	1 1/2“-11	84,0	22,0	48,0	37,0	55	55		1050511-24
100	2“-11	91,0	23,0	48,0	46,0	70	70		1050511-32

GERADE - SCHOTT- ADAPTER
STRAIGHT - BULKHEAD - ADAPTORS

BSP - Metrisch
Schott-Stutzen mit 24°-Konus für Schneidring-verschraubung DIN 2353 / DIN EN ISO 8434-1
mit Kontermutter
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Profildichtung - FPM

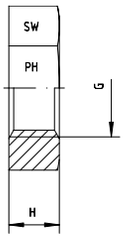
BSP - Metric
Straight Bulkhead connection for Compression Couplings DIN 2353 / DIN EN ISO 8434-1
with 24°-Cone and backnut
Male-Stud Thread: BSP - Parallel
Sealing by an Elastomer Profiled Ring - FPM



Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN		G = BSP	G1 = Metric	L	L1	L2	D	SW1	SW2	
500	6	1/4“-19	M 12 x 1,5	53,0	12,0	34,0	4,0	19	17	1050509-04-06-L
500	8	1/4“-19	M 14 x 1,5	53,0	12,0	34,0	6,0	19	19	1050509-04-08-L
500	10	1/4“-19	M 16 x 1,5	57,0	12,0	35,0	7,0	19	22	1050509-04-10-L
500	8	3/8“-19	M 14 x 1,5	56,0	12,0	34,0	6,0	22	19	1050509-06-08-L
500	10	3/8“-19	M 16 x 1,5	55,5	12,0	35,0	8,0	22	22	1050509-06-10-L
400	12	3/8“-19	M 18 x 1,5	56,5	12,0	36,0	10,0	24	24	1050509-06-12-L
630	12	3/8“-19	M 20 x 1,5	62,0	12,0	38,0	8,0	27	27	1050509-06-12-S
400	15	3/8“-19	M 22 x 1,5	58,0	12,0	38,0	10,0	27	30	1050509-06-15-L
500	8	1/2“-14	M 14 x 1,5	57,0	14,0	34,0	6,0	27	19	1050509-08-08-L
500	10	1/2“-14	M 16 x 1,5	58,0	14,0	35,0	8,0	27	22	1050509-08-10-L
400	12	1/2“-14	M 18 x 1,5	60,0	14,0	36,0	10,0	27	24	1050509-08-12-L
630	12	1/2“-14	M 20 x 1,5	63,0	14,0	38,0	8,0	27	27	1050509-08-12-S
400	15	1/2“-14	M 22 x 1,5	62,0	14,0	38,0	12,0	27	30	1050509-08-15-L
630	16	1/2“-14	M 24 x 1,5	64,0	14,0	39,0	12,0	27	32	1050509-08-16-S
400	18	1/2“-14	M 26 x 1,5	63,0	14,0	40,0	15,0	32	36	1050509-08-18-L
400	15	3/4“-14	M 22 x 1,5	64,0	16,0	38,0	12,0	32	30	1050509-12-15-L
630	16	3/4“-14	M 24 x 1,5	69,0	16,0	40,0	12,0	32	32	1050509-12-16-S
400	18	3/4“-14	M 26 x 1,5	66,0	16,0	40,0	15,0	32	36	1050509-12-18-L
250	22	3/4“-14	M 30 x 2	68,0	16,0	42,0	18,0	36	41	1050509-12-22-L
400	18	1“-11	M 26 x 1,5	69,0	18,0	40,0	15,0	41	36	1050509-16-18-L
420	20	1“-11	M 30 x 2	73,0	18,0	44,0	16,0	41	41	1050509-16-20-S
250	22	1“-11	M 30 x 2	73,0	18,0	42,0	19,0	41	41	1050509-16-22-L
420	25	1“-11	M 36 x 2	81,5	18,0	47,0	19,0	46	46	1050509-16-25-S
250	28	1“-11	M 36 x 2	72,0	18,0	43,0	24,0	41	46	1050509-16-28-L
420	30	1 1/4“-11	M 42 x 2	88,0	20,0	51,0	25,0	50	50	1050509-20-30-S
250	42	1 1/2“-11	M 52 x 2	86,0	22,0	47,0	36,0	60	65	1050509-24-42-L

Gegenmuttern für Schottverschraubungen
Innengewinde: Whithworth-Rohrgewinde - Zylindrisch

Locknuts for Bulkhead Couplings
Female Thread: BSP - Parallel



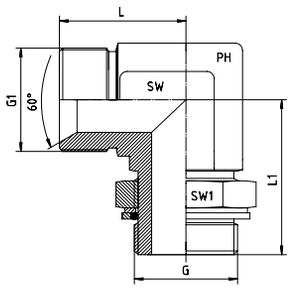
Gewinde Thread	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
G	**H**	**SW**		
1/8“-28	6,0	14		1050526-02
1/4“-19	6,0	19		1050526-04
3/8“-19	6,0	22		1050526-06
1/2“-14	6,0	27		1050526-08
5/8“-14	7,0	30		1050526-10
3/4“-14	7,0	32		1050526-12
1“-11	11,0	41		1050526-16
1 1/4“-11	11,0	50		1050526-20
1 1/2“-11	9,0	55		1050526-24
2“-11	9,0	70		1050526-32

EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN

ADJUSTABLE - MALE - STUD - ELBOWS

Einstellbare Winkel-Verschraubungen - 90°
BSP - Männlich mit 60°-Konus
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch gekammerten O-Ring FPM - ISO 1179

Adjustable Stud Elbows - 90°
BSP - Male with 60°-Cone
Thread: BSP - Parallel
Sealing by Captive O-ring - FPM and Washer - ISO 1179

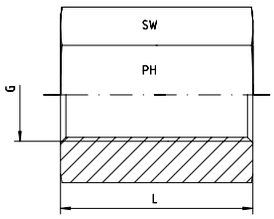


Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions				O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = BSP**	**G1 = BSP**	**L**	**L1**	**SW**	**SW1**			
400	1/4“-19	1/4“-19	25,0	31,5	14	19	10,77 x 2,62		1350501-04-04
400	3/8“-19	3/8“-19	29,0	37,0	19	22	13,94 x 2,62		1350501-06-06
400	1/2“-14	3/8“-19	32,0	43,0	22	27	17,86 x 2,62		1350501-06-08
400	3/8“-19	1/2“-14	34,0	40,0	22	22	13,94 x 2,62		1350501-08-06
400	1/2“-14	1/2“-14	34,0	43,0	24	27	17,86 x 2,62		1350501-08-08
400	3/4“-14	3/4“-14	41,0	51,3	27	36	23,47 x 2,62		1350501-12-12
400	1“-11	1“-11	46,0	51,5	36	41	29,74 x 3,53		1350501-16-16

SECHSKANT - MUFFEN
HEXAGON - SOCKETS

Für Hochdruck
Gewinde: BSP - Zylindrisch

For High Pressure
Thread: BSP - Parallel

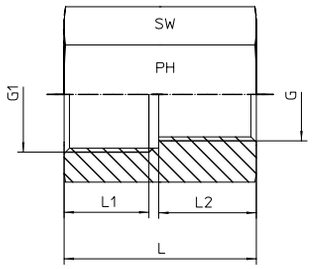


Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G**	**L**	**SW**		
630	1/8“-28	18,0	14		1050512-02-02
630	1/4“-19	25,0	17		1050512-04-04
630	3/8“-19	26,0	22		1050512-06-06
400	1/2“-14	34,0	27		1050512-08-08
400	3/4“-14	36,0	32		1050512-12-12
400	1“-11	43,0	41		1050512-16-16
315	1 1/4“-11	48,0	50		1050512-20-20
315	1 1/2“-11	48,0	55		1050512-24-24
250	2“-11	56,0	70		1050512-32-32

SECHSKANT - MUFFEN
HEXAGON - SOCKETS

Für Hochdruck
Gewinde: BSP - Zylindrisch - Reduziert

For High Pressure
Thread: BSP - Parallel - Reduced

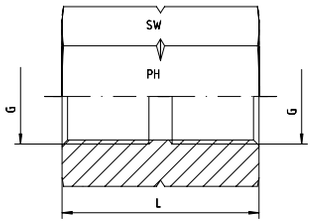


Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G1 x G**	**L**	**L1**	**L2**	**SW**		
630	1/4“ x 1/8“	30,0	13,0	12,0	17		1050512-04-02
630	3/8“ x 1/4“	32,0	14,0	14,0	22		1050512-06-04
400	1/2“ x 3/8“	35,0	16,0	14,0	27		1050512-08-06
400	1/2“ x 1/4“	35,0	16,0	16,0	27		1050512-08-04
400	3/4“ x 1/2“	38,0	17,0	14,0	32		1050512-12-08
400	3/4“ x 3/8“	38,0	17,0	14,0	32		1050512-12-06
400	1“ x 3/4“	42,0	20,0	18,0	41		1050512-16-12
400	1“ x 1/2“	42,0	20,0	18,0	41		1050512-16-08
315	1 1/4“ x 1“	48,0	22,0	22,0	50		1050512-20-16
315	1 1/2“ x 1 1/4“	48,0	24,0	22,0	55		1050512-24-20
250	2“ x 1 1/2“	56,0	26,0	23,0	70		1050512-32-24

SECHSKANT - MUFFEN
HEXAGON - SOCKETS

Für Hochdruck
NPT-Innengewinde

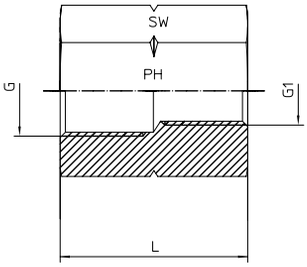
For High Pressure
NPT-Internal Thread



Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = NPT**	**L**	**SW**		
630	1/8“-27	18,0	14		1050516-02
630	1/4“-18	25,0	17		1050516-04
630	3/8“-18	26,0	22		1050516-06
630	1/2“-14	34,0	27		1050516-08
400	3/4“-14	36,0	32		1050516-12
400	1“-11,5	43,0	41		1050516-16
400	1 1/4“-11,5	59,0	50		1050516-20
400	1 1/2“-11,5	59,0	55		1050516-24
315	2“-11,5	59,0	70		1050516-32

Für Hochdruck
NPT-Innengewinde - Reduziert

For High Pressure
NPT-Innengewinde - Reduced



Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = NPT**	**G1 = NPT**	**L**	**SW**				
630	1/2“-14	3/8“-18	34,0	27				1050516-08-06
400	3/4“-14	1/2“-14	36,0	32				1050516-12-08
400	1 1/4“-11,5	1“-11,5	56,0	50				1050516-20-16

Form A

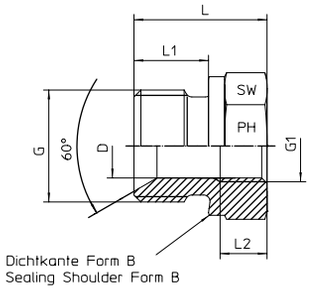
Mit 60°-Konus am Außengewinde

Beide Gewinde:
Whitworth-Rohrgewinde - Zylindrisch - DIN / ISO 228
Abdichtung durch Dichtkante Form B

Form A

With 60°-Cone at Male Thread

Both Threads: BSP - Parallel - DIN / ISO 228
Sealing by Sealing Shoulder Form B



Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions					Form Form	Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = BSP**	**G1 = BSP**	**L**	**L1**	**L2**	**D**	**SW**			
400	3/8“-19	1/8“-28	22,5	12,0	8,0	9,0	22	A		1050515-06-02
400	1/2“-14	1/8“-28	24,0	14,0	8,0	9,0	27	A		1050515-08-02
400	1/2“-14	1/4“-19	24,0	14,0	12,0	12,0	27	A		1050515-08-04
400	3/4“-14	1/8“-28	26,0	16,0	8,0	9,0	32	A		1050515-12-02
400	3/4“-14	1/4“-19	26,0	16,0	12,0	11,5	32	A		1050515-12-04
400	3/4“-14	3/8“-19	26,0	16,0	13,0	15,0	32	A		1050515-12-06
400	1“-11	1/4“-19	29,0	18,0	12,0	11,5	41	A		1050515-16-04
400	1“-11	3/8“-19	29,0	18,0	12,0	15,0	41	A		1050515-16-06
400	1“-11	1/2“-14	29,0	18,0	14,0	19,0	41	A		1050515-16-08
250	1 1/4“-11	3/8“-19	32,0	20,0	17,0	15,0	50	A		1050515-20-06
250	1 1/4“-11	1/2“-14	32,0	20,0	14,0	19,0	50	A		1050515-20-08
250	1 1/4“-11	3/4“-14	32,0	20,0	16,0	24,5	50	A		1050515-20-12
250	1 1/2“-11	1/2“-14	36,0	22,0	14,0	19,0	55	A		1050515-24-08
250	1 1/2“-11	3/4“-14	36,0	22,0	16,0	24,5	55	A		1050515-24-12
250	1 1/2“-11	1“-11	36,0	22,0	18,0	30,0	55	A		1050515-24-16
250	2“-11	1/2“-14	41,5	22,5	16,0	19,0	70	A		1050515-32-08
250	2“-11	3/4“-14	42,0	22,5	16,0	24,5	70	A		1050515-32-12
250	2“-11	1“-11	42,0	22,5	18,5	30,0	70	A		1050515-32-16
250	2“-11	1 1/4“-11	42,0	22,5	18,5	39,5	70	A		1050515-32-20
250	2“-11	1 1/2“-11	42,0	22,5	18,5	44,5	70	A		1050515-32-24

Form B

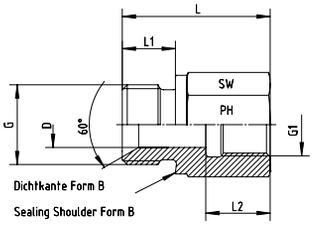
Mit 60°-Konus am Außengewinde

Beide Gewinde Whitworth-Rohrgewinde - Zylindrisch - DIN / ISO 228
Abdichtung durch Dichtkante Form B

Form B

With 60°-Cone at Male Thread

Both Threads BSP - Parallel - DIN / ISO 228
Sealing by Sealing Shoulder Form B

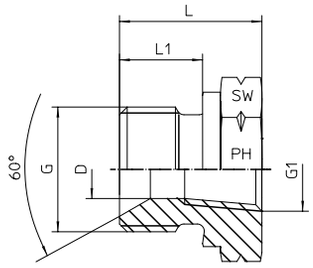


Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions					Form Form	Bemerkungen Notes	Bestellzeichen Order-Code
PN	G = BSP	G1 = BSP	L	L1	L2	D	SW			
630	1/8“-28	1/8“-28	23,5	8,0	11,0	4,5	17	B		1050515-02-02
630	1/8“-28	1/4“-19	31,0	8,0	17,0	4,0	19	B		1050515-02-04
630	1/8“-28	3/8“-19	32,0	8,0	17,0	4,0	24	B		1050515-02-06
630	1/8“-28	1/2“-14	37,0	8,0	20,0	4,0	27	B		1050515-02-08
630	1/4“-19	1/8“-28	28,0	12,0	12,0	7,0	19	B		1050515-04-02
630	1/4“-19	1/4“-19	32,0	10,0	17,0	6,0	19	B		1050515-04-04
630	1/4“-19	3/8“-19	36,0	12,0	17,0	7,0	24	B		1050515-04-06
630	1/4“-19	1/2“-14	40,0	12,0	20,0	5,0	27	B		1050515-04-08
630	1/4“-19	3/4“-14	43,0	12,0	22,0	6,0	36	B		1050515-04-12
400	3/8“-19	1/4“-19	36,0	12,0	17,0	8,0	22	B		1050515-06-04
400	3/8“-19	3/8“-19	36,0	12,0	17,0	9,0	24	B		1050515-06-06
400	3/8“-19	1/2“-14	41,0	12,0	20,0	8,0	27	B		1050515-06-08
400	3/8“-19	3/4“-14	44,0	12,0	22,0	8,0	36	B		1050515-06-12
400	3/8“-19	1“-11	46,5	12,0	24,5	8,0	41	B		1050515-06-16
400	1/2“-14	3/8“-19	36,0	14,0	17,0	12,0	27	B		1050515-08-06
400	1/2“-14	1/2“-14	39,0	14,0	20,0	12,0	27	B		1050515-08-08
400	1/2“-14	3/4“-14	46,0	14,0	22,0	12,0	36	B		1050515-08-12
400	1/2“-14	1“-11	49,0	14,0	24,5	12,0	41	B		1050515-08-16
250	1/2“-14	1 1/4“-11	53,0	14,0	26,5	12,0	55	B		1050515-08-20
400	3/4“-14	1/2“-14	41,0	16,0	20,0	16,0	32	B		1050515-12-08
400	3/4“-14	3/4“-14	45,0	16,0	22,5	18,0	32	B		1050515-12-12
400	3/4“-14	1“-11	51,0	16,0	24,5	16,0	41	B		1050515-12-16
250	3/4“-14	1 1/4“-11	55,0	16,0	26,5	16,0	55	B		1050515-12-20
250	3/4“-14	1 1/2“-11	57,0	16,0	28,5	16,0	60	B		1050515-12-24
400	1“-11	3/4“-14	47,0	18,0	22,0	20,0	41	B		1050515-16-12
400	1“-11	1“-11	49,5	18,0	24,5	22,0	41	B		1050515-16-16
250	1“-11	1 1/4“-11	57,0	18,0	26,5	20,0	55	B		1050515-16-20
250	1“-11	1 1/2“-11	59,0	18,0	28,5	20,0	60	B		1050515-16-24
250	1 1/4“-11	1“-11	52,0	20,0	24,5	25,0	50	B		1050515-20-16
250	1 1/4“-11	1 1/4“-11	58,0	20,0	27,0	25,0	50	B		1050515-20-20
250	1 1/4“-11	1 1/2“-11	60,0	20,0	28,5	25,0	60	B		1050515-20-24
250	1 1/2“-11	1 1/4“-11	58,0	22,0	26,5	32,0	55	B		1050515-24-20
250	1 1/2“-11	1 1/2“-11	58,0	22,0	27,5	37,0	55	B		1050515-24-24
100	2“-11	2“-11	64,5	23,0	30,5	43,0	70	B		1050515-32-32

Form A

BSP-Außengewinde mit 60°-Konus
NPT-Innengewinde

BSP - Male with 60°-Cone
NPT - Female

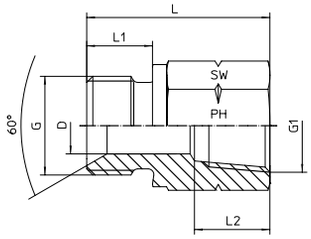


Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions				Form Form	Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = BSP**	**G1 = NPT**	**L**	**L1**	**D**	**SW**			
400	1/2“-14	1/4“-18	24,0	14,0	11,5	27	A		1050518-08-04
400	1/2“-14	3/8“-18	32,5	14,0	12,0	27	A		1050518-08-06
400	3/4“-14	3/8“-18	30,0	16,0	14,5	32	A		1050518-12-06
400	1“-11	1/2“-14	31,0	18,0	18,0	41	A		1050518-16-08
400	1“-11	3/4“-14	32,0	18,0	23,0	41	A		1050518-16-12
200	1 1/4“-11	3/4“-14	37,0	20,0	22,5	50	A		1050518-20-12
200	1 1/4“-11	1“-11,5	37,0	20,0	33,0	50	A		1050518-20-16
200	1 1/2“-11	1“-11,5	39,0	22,0	28,5	55	A		1050518-24-16
200	1 1/2“-11	1 1/4“-11,5	39,0	22,0	37,0	55	A		1050518-24-20

Form B

BSP-Außengewinde mit 60°-Konus
NPT-Innengewinde

BSP - Male with 60°-Cone
NPT - Female

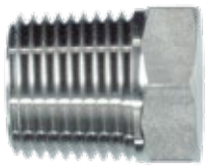


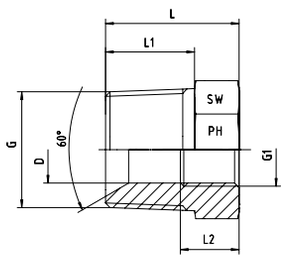
Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions					Form Form	Bemerkungen Notes	Bestellzeichen Order-Code
PN	G = BSP	G1 = NPT	L	L1	L2	D	SW			
400	1/8“-28	1/8“-27	25,0	8,0	11,5	4,0	14	B		1050518-02-02
400	1/8“-28	1/4“-18	31,0	8,0	16,5	4,0	19	B		1050518-02-04
400	1/4“-19	1/8“-27	32,0	12,0	11,5	6,0	19	B		1050518-04-02
400	1/4“-19	1/4“-18	32,0	12,0	16,5	6,0	19	B		1050518-04-04
400	1/4“-19	3/8“-18	31,0	10,0	15,5	7,0	24	B		1050518-04-06
400	1/4“-19	1/2“-14	38,0	10,0	22,5	7,0	27	B		1050518-04-08
400	3/8“-19	1/4“-18	36,0	12,0	17,5	9,0	22	B		1050518-06-04
400	3/8“-19	3/8“-18	36,0	12,0	17,5	9,0	24	B		1050518-06-06
400	3/8“-19	1/2“-14	37,0	12,0	20,0	9,0	27	B		1050518-06-08
400	1/2“-14	1/2“-14	39,0	14,0	20,0	12,0	27	B		1050518-08-08
400	1/2“-14	3/4“-14	46,0	14,0	22,0	13,0	36	B		1050518-08-12
400	3/4“-14	1/2“-14	44,0	16,0	23,0	18,0	32	A		1050518-12-08
400	3/4“-14	3/4“-14	48,0	16,0	22,0	18,0	36	B		1050518-12-12
400	3/4“-14	1“-11,5	51,0	16,0	28,0	18,0	41	B		1050518-12-16
400	1“-11	1“-11,5	49,5	18,0	25,0	22,0	41	B		1050518-16-16
400	1“-11	1 1/4“-11,5	50,5	18,0	27,0	22,0	50	B		1050518-16-20
200	1 1/4“-11	1 1/4“-11,5	58,0	20,0	27,0	25,0	50	B		1050518-20-20
200	1 1/2“-11	1 1/2“-11,5	62,0	22,0	28,0	37,0	55	B		1050518-24-24
100	2“-11	2“-11,5	64,0	23,0	28,5	43,0	70	B		1050518-32-32

Form A

NPT-Außengewinde mit 60°-Konus
BSP-Innengewinde

NPT - Male with 60°-Cone
BSP - Female



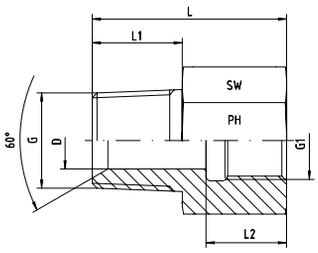


Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions					Form Form	Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = NPT**	**G1 = BSP**	**L**	**L1**	**L2**	**D**	**SW**			
400	1/2“-14	1/8“-28	26,0	20,0	11,0	8,5	22	A		1050517-08-02
400	1/2“-14	1/4“-19	27,0	20,0	17,0	13,0	24	A		1050517-08-04
400	3/4“-14	3/8“-19	28,0	20,0	17,0	15,0	27	A		1050517-12-06
400	1“-11,5	1/2“-14	34,0	25,0	20,0	19,0	36	A		1050517-16-08
200	1 1/4“-11,5	3/4“-14	40,0	25,5	22,5	24,2	46	A		1050517-20-12
200	1 1/4“-11,5	1“-11	40,0	25,5	25,0	30,6	46	A		1050517-20-16
200	1 1/2“-11,5	1“-11	40,0	26,0	25,0	30,6	55	A		1050517-24-16

Form B

NPT-Außengewinde mit 60°-Konus
BSP-Innengewinde

NPT - Male with 60°-Cone
BSP - Female

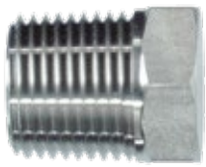


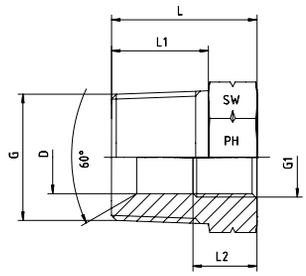
Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions					Form Form	Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = NPT**	**G1 = BSP**	**L**	**L1**	**L2**	**D**	**SW**			
400	1/8“-27	1/8“-28	25,0	10,0	12,0	4,0	14	B		1050517-02-02
400	1/8“-27	1/4“-19	30,0	10,0	17,0	4,0	19	B		1050517-02-04
400	1/4“-18	1/8“-28	30,0	15,0	12,0	6,0	14	B		1050517-04-02
400	1/4“-18	1/4“-19	34,0	15,0	17,0	6,0	19	B		1050517-04-04
400	1/4“-18	3/8“-19	35,0	15,0	17,0	6,0	24	B		1050517-04-06
400	1/4“-18	1/2“-14	36,5	15,0	20,0	5,0	27	B		1050517-04-08
400	3/8“-18	1/4“-19	35,0	15,0	17,0	9,0	19	B		1050517-06-04
400	3/8“-18	3/8“-19	35,0	15,0	17,0	9,0	24	B		1050517-06-06
400	3/8“-18	1/2“-14	37,0	15,0	20,0	9,0	27	B		1050517-06-08
400	1/2“-14	3/8“-19	38,0	20,0	17,0	12,0	24	B		1050517-08-06
400	1/2“-14	1/2“-14	41,0	20,0	20,0	12,0	27	B		1050517-08-08
400	1/2“-14	3/4“-14	48,0	20,0	22,5	12,0	32	B		1050517-08-12
400	3/4“-14	1/2“-14	42,0	20,0	20,0	15,0	27	B		1050517-12-08
400	3/4“-14	3/4“-14	48,0	20,0	22,5	18,0	32	B		1050517-12-12
400	3/4“-14	1“-11	50,0	20,0	25,0	18,0	41	B		1050517-12-16
400	1“-11,5	3/4“-14	54,0	25,0	22,5	21,0	36	B		1050517-16-12
400	1“-11,5	1“-11	57,0	25,0	25,0	21,0	41	B		1050517-16-16
200	1“-11,5	1 1/4“-11	57,0	25,0	27,0	21,0	55	B		1050517-16-20
200	1 1/4“-11,5	1 1/4“-11	57,5	25,5	27,0	30,0	55	B		1050517-20-20
200	1 1/4“-11,5	1 1/2“-11	62,5	25,5	27,5	30,0	55	B		1050517-20-24
200	1 1/2“-11,5	1 1/4“-11	56,0	26,0	27,0	36,0	55	B		1050517-24-20
200	1 1/2“-11,5	1 1/2“-11	63,0	26,0	27,5	36,0	55	B		1050517-24-24
100	1 1/2“-11,5	2“-11	64,0	26,0	30,5	36,0	70	B		1050517-24-32
100	2“-11,5	2“-11	64,0	26,0	30,5	46,0	70	B		1050517-32-32

Form A

NPT-Außengewinde mit 60°-Konus
NPT-Innengewinde

NPT - Male with 60°-Cone
NPT - Female



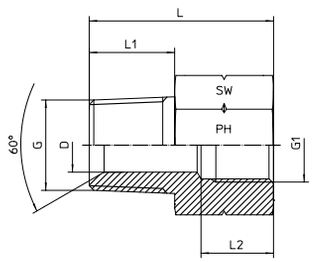


Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions				Form Form	Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = NPT**	**G1 = NPT**	**L**	**L1**	**D**	**SW**			
630	3/8“-18	1/8“-27	23,0	15,3	8,5	19	A		1050525-06-02
630	1/2“-14	1/8“-27	27,0	20,0	8,5	24	A		1050525-08-02
630	1/2“-14	1/4“-18	27,0	20,0	11,0	24	A		1050525-08-04
630	3/4“-14	1/4“-18	28,0	20,0	11,0	27	A		1050525-12-04
630	3/4“-14	3/8“-18	28,0	20,0	14,0	27	A		1050525-12-06
400	1“-11,5	3/8“-18	34,0	25,0	14,0	36	A		1050525-16-06
400	1“-11,5	1/2“-14	34,0	25,0	17,7	36	A		1050525-16-08
400	1 1/4“-11,5	3/4“-14	39,5	25,5	23,0	46	A		1050525-20-12
400	1 1/2“-11,5	3/4“-14	40,0	26,0	22,5	50	A		1050525-24-12
400	1 1/2“-11,5	1“-11,5	40,0	26,0	28,5	50	A		1050525-24-16
315	2“-11,5	1“-11,5	40,0	26,0	28,5	65	A		1050525-32-16
315	2“-11,5	1 1/4“-11,5	40,0	26,0	37,2	65	A		1050525-32-20
315	2“-11,5	1 1/2“-11,5	40,0	26,0	43,2	65	A		1050525-32-24

Form B

NPT-Außengewinde mit 60°-Konus
NPT-Innengewinde

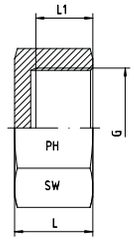
NPT - Male with 60°-Cone
NPT - Female



Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions					Form Form	Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = NPT**	**G1 = NPT**	**L**	**L1**	**L2**	**D**	**SW**			
630	1/8“-27	1/8“-27	25,0	10,0	12,0	4,0	14	B		1050525-02-02
630	1/8“-27	1/4“-18	31,0	10,0	17,5	4,0	19	B		1050525-02-04
630	1/4“-18	1/8“-27	30,0	15,0	14,0	6,0	14	B		1050525-04-02
630	1/4“-18	1/4“-18	36,0	15,0	17,5	6,0	19	B		1050525-04-04
630	1/4“-18	3/8“-18	37,0	15,0	18,0	6,0	24	B		1050525-04-06
630	1/4“-18	1/2“-14	42,0	15,0	23,0	6,0	27	B		1050525-04-08
630	3/8“-18	1/4“-18	36,0	15,0	17,5	9,0	19	B		1050525-06-04
630	3/8“-18	3/8“-18	37,0	15,0	17,5	9,0	24	B		1050525-06-06
630	3/8“-18	1/2“-14	41,0	15,0	23,0	9,0	27	B		1050525-06-08
630	1/2“-14	3/8“-18	39,5	20,0	17,5	12,0	24	B		1050525-08-06
630	1/2“-14	1/2“-14	46,0	20,0	23,0	12,0	27	B		1050525-08-08
630	1/2“-14	3/4“-14	48,0	20,0	23,0	12,0	36	B		1050525-08-12
630	3/4“-14	1/2“-14	42,0	20,0	25,0	15,0	27	B		1050525-12-08
630	3/4“-14	3/4“-14	48,0	20,0	23,0	18,0	36	B		1050525-12-12
400	3/4“-14	1“-11,5	50,0	20,0	25,0	18,0	36	B		1050525-12-16
400	1“-11,5	3/4“-14	34,0	25,0	23,0	22,6	36	B		1050525-16-12
400	1“-11,5	1“-11,5	57,0	25,0	27,5	21,0	41	B		1050525-16-16
400	1“-11,5	1 1/4“-11,5	57,0	25,0	27,0	21,0	50	B		1050525-16-20
400	1 1/4“-11,5	1“-11,5	54,0	25,5	28,0	28,5	46	B		1050525-20-16
400	1 1/4“-11,5	1 1/4“-11,5	55,0	25,5	27,0	30,0	50	B		1050525-20-20
400	1 1/4“-11,5	1 1/2“-11,5	62,5	25,5	28,5	30,0	55	B		1050525-20-24
400	1 1/2“-11,5	1 1/4“-11,5	55,0	26,0	27,0	36,0	50	B		1050525-24-20
400	1 1/2“-11,5	1 1/2“-11,5	63,0	26,0	28,5	36,0	55	B		1050525-24-24
315	1 1/2“-11,5	2“-11,5	64,0	26,0	28,5	36,0	70	B		1050525-24-32

Mit BSP-Innengewinde

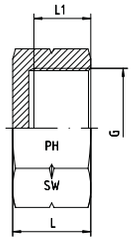
With BSP-Thread Female



Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	G = BSP	L	L1	SW		
400	1/8“-28	15,0	10,0	14		1050519-02
400	1/4“-19	18,0	12,5	17		1050519-04
400	3/8“-19	19,0	13,0	22		1050519-06
400	1/2“-14	21,0	14,5	27		1050519-08
400	5/8“-14	21,0	17,5	30		1050519-10
400	3/4“-14	24,5	18,5	32		1050519-12
400	1“-11	25,0	19,0	41		1050519-16
200	1 1/4“-11	29,0	22,0	50		1050519-20
200	1 1/2“-11	31,0	23,5	55		1050519-24
100	2“-11	32,0	24,5	70		1050519-32

Mit NPT-Innengewinde

With NPT-Thread Female

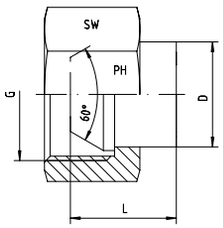


Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	G = NPT	L	L1	SW		
630	1/8“-27	15,5	10,0	14		1050520-02
630	1/4“-18	21,5	17,5	17		1050520-04
630	3/8“-18	22,0	17,5	22		1050520-06
630	1/2“-14	27,0	23,0	27		1050520-08
630	3/4“-14	27,0	23,0	32		1050520-12
400	1“-11,5	32,0	28,0	41		1050520-16
400	1 1/4“-11,5	36,0	29,0	50		1050520-20
400	1 1/2“-11,5	36,0	29,0	55		1050520-24
315	2“-11,5	36,0	29,0	70		1050520-32

VERSCHLUSSKAPPEN
BSP - FEMALE - SWIVEL - CAPS

Für BSP-Gewinde mit 60°-Innenkonus
Verschluss - DKR

For BSP-Thread with 60°-Cone

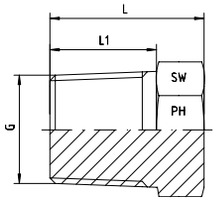


Druck Pressure	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions			**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G = BSP**	**L**	**D**	**SW**		
400	1/8“-28	11,0	12,0	14		1050513-02
400	1/4“-19	15,0	9,0	17		1050513-04
400	3/8“-19	15,0	12,4	19		1050513-06
400	1/2“-14	17,0	16,4	27		1050513-08
400	5/8“-14	16,0	22,0	27		1050513-10
400	3/4“-14	19,0	21,3	32		1050513-12
400	1“-11	20,0	27,8	41		1050513-16
200	1 1/4“-11	22,0	36,0	50		1050513-20
200	1 1/2“-11	25,0	45,0	55		1050513-24
100	2“-11	31,0	54,5	70		1050513-32

VERSCHLUSSSTOPFEN
PLUG

BSP - Kegelig

BSP - Taper

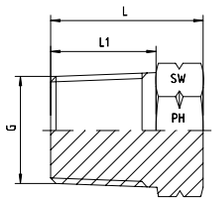


Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	G = BSPT	L	L1	SW		
400	1/8“-28	14,0	8,0	12		5070010-02
400	1/4“-19	18,0	12,0	14		5070010-04
400	3/8“-19	19,0	12,0	17		5070010-06
400	1/2“-14	27,0	19,0	22		5070010-08
400	3/4“-14	29,0	19,0	27		5070010-12
400	1“-11	29,0	18,0	36		5070010-16
200	1 1/4“-11	32,0	20,0	46		5070010-20
200	1 1/2“-11	36,0	22,0	50		5070010-24
100	2“-11	40,0	26,0	65		5070010-32

VERSCHLUSSSTOPFEN
PLUG

NPT - Männlich

NPT - Male

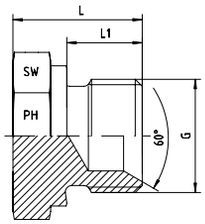


Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G = NPT**	**L**	**L1**	**SW**		
630	1/8“-27	15,0	10,0	12		5280010-02
630	1/4“-18	20,0	15,0	14		5280010-04
630	3/8“-18	22,0	15,3	17		5280010-06
630	1/2“-14	27,0	20,0	22		5280010-08
630	3/4“-14	29,0	20,0	27		5280010-12
400	1“-11,5	33,0	25,0	36		5280010-16
400	1 1/4“-11,5	33,0	25,5	46		5280010-20
400	1 1/2“-11,5	41,0	26,0	50		5280010-24
315	2“-11,5	44,0	26,0	65		5280010-32

VERSCHLUSSSTOPFEN
PLUG

Mit Außen-Sechskant
60°-Innenkonus und angedrehter Dichtkante Form B

With Hexagon
60°-Cone and Sealing Shoulder Form B

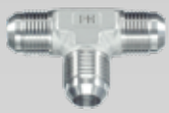


Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	G = BSP	L	L1	SW		
400	1/8“-28	14,0	8,0	14		1050514-02
400	1/4“-19	17,0	10,0	19		1050514-04
400	3/8“-19	20,5	12,0	22		1050514-06
400	1/2“-14	24,0	14,0	27		1050514-08
400	5/8“-14	24,0	14,0	30		1050514-10
400	3/4“-14	27,0	16,0	32		1050514-12
400	1“-11	31,0	18,0	41		1050514-16
200	1 1/4“-11	33,0	20,0	50		1050514-20
200	1 1/2“-11	36,0	22,0	55		1050514-24
100	2“-11	36,0	22,0	70		1050514-32

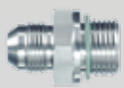
Bördelanschlüsse und Adapter 37°
Flare Couplings and Adaptors 37°

6

BÖRDELANSCHLÜSSE UND ADAPTER 37°
FLARE COUPLINGS AND ADAPTORS 37°

Produktgruppen	Product-Groups	Seite / Page	
SAE-Bördelanschlüsse - Funktionen	**SAE Flare Couplings - Function**	6.4-6.5	
37°- (JIC) - Gerade - Verbinder Gerade - Verbinder	**37°- (JIC) - Straight - Coupling** Straight	6.6	
37°- (JIC) - 90° - Winkel - Verbinder 90° - Winkelverbinder	**37°- (JIC) - 90°- Equal - Elbow** 90° - Elbow - Connectors	6.7	
37°- (JIC) - T - Verbinder T - Verbinder	**37°- (JIC) - Equal - Tee** Equal - Tee	6.8	
37°- (JIC) - Gerade - Reduzierungen Weiblich x JIC - Männlich - Form B	**37°- (JIC) - Straight -Reducers** Female x JIC - Male - Form B	6.9	
37°- (JIC) - Gerade - Verbinder - Dichtkegel Weiblich x JIC - Männlich - Form A	**37°- (JIC) - Swivel - Straight** Female x JIC - Male - Form A	6.10	
37°- (JIC) - Gerade - Verbinder - Doppel - Dichtkegel Weiblich x JIC - Weiblich	**37°- (JIC) - Swivel - Female - Female** Female x JIC - Female	6.11	
37°- (JIC) - Einstellbarer - Winkel - Verbinder Weiblich x JIC - Männlich - 90°	**37°- (JIC) - Swivel - Elbow** Female x JIC - Male - 90°	6.12	
37°- (JIC) - Einstellbarer -t - verbinder Weiblich x JIC - Männlich	**37°- (JIC) - Swivel - Branch - Tee** Female x JIC - Male	6.13	

BÖRDELANSCHLÜSSE UND ADAPTER 37°
FLARE COUPLINGS AND ADAPTORS 37°

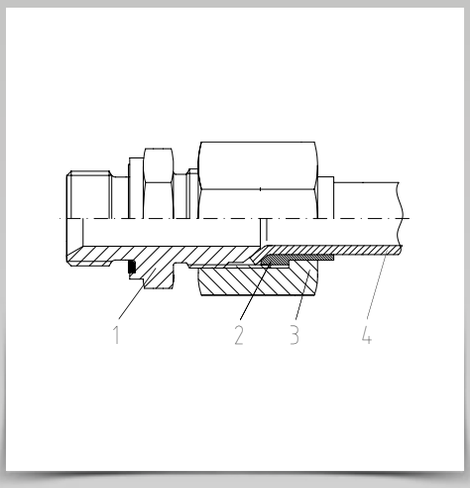
Produktgruppen	Product-Groups	Seite / Page	
37°- (JIC) - Einstellbarer L - verbinder	**37°- (JIC) - Swivel - Run - Tee**		
Weiblich x JIC - Männlich	Female x JIC - Male	6.14	
37°- (JIC) - Einstellbarer - 45° - Verbinder	**37°- (JIC) - Swivel - 45° - Elbow**		
Weiblich x JIC - Männlich - 45°	Female x JIC - Male - 45°	6.15	
37°- (JIC) - Schott -Verschraubungen	**37°- (JIC) - Bulkhead - Connectors**		
Gerade - Schottverschraubungen	Straight - Bulkhead - Connectors	6.16	
Winkel - Schottverschraubungen	90° - Elbow - Bulkhead - Connectors	6.17	
Gegenmuttern	Locknuts	6.18	
37°- (JIC) - Einschraub - Verschraubungen	**37°- (JIC) - Male - Stud**		
Männlich x BSP - Männlich	Male x BSP - Male	6.19	
Männlich - SAE J 514	Male - SAE J 514	6.20	
Männlich x Kegelig - Männlich	Male x Taper - Male	6.21	
Männlich x NPT - Männlich	Male x NPT - Male	6.22	
37°- (JIC) - Winkel-Einschraub - Verschraubungen	**37°- (JIC) - Male - Stud - Elbow**		
Männlich x Kegelig - Männlich	Male x BSP - Taper - Male	6.23	
Männlich x NPT - Männlich	Male x NPT - Male	6.24	
37°- (JIC) - Einstellbare - Winkel-Einschraub - Verschraubungen	**37°- (JIC) - Adjustable - Male - Stud - Elbow**		
EVW - Verschraubungen - 90° - Whitworth	Male - Stud - Elbows - 90°	6.25	
EVW - Verschraubungen - 90° - UN/UNF	Male - Stud - Elbows - 90°	6.26	
37°- (JIC) - Einstellbare - 45° Winkel - Einschraub - Verschraubungen	**37°- (JIC) - Adjustable - Male - Stud - 45° Elbow**		
EVW - Verschraubungen - 45°	Male - Stud - Elbows - 45°	6.27	

BÖRDELANSCHLÜSSE UND ADAPTER 37°
FLARE COUPLINGS AND ADAPTORS 37°

Produktgruppen	Product-Groups	Seite / Page	
37°- (JIC) - Dichtkegel - Einschraub - Verschraubungen	**37°- (JIC) - Swivel - Male - Stud**		
Weiblich x BSP - Männlich	Female x BSP - Male	6.28	
Weiblich x NPT - Männlich	Female x NPT - Male	6.29	
37°- (JIC) - Dichtkegel - Winkel-Einschraub - Verschraubungen	**37°- (JIC) - Swivel - Male - Stud - Elbow**		
JIC - Weiblich x NPT - Männlich	JIC - Female x NPT - Male	6.30	
37°- (JIC) - Manometer - Verschraubungen	**37°- (JIC) -Pressure - Gauge - Couplings**		
37° - Bördel - Manometerverschraubungen	37° - Flare - Gauge - Couplings	6.31	
37°- (JIC) - Aufschraub - Verschraubungen	**37°- (JIC) - Flare - Male - Female - Adaptors**		
37° - Bördel - Aufschraubverschraubungen	37° - Flare - Female - Stud - Adaptors	6.32	
37°- (JIC) - Verschlusskappen	**37°- (JIC) - Swivel - Female - Cap**		
Verschlusskappen	Swivel - Female - Cap	6.33	
37°- (JIC) - Verschlußstopfen	**37°- (JIC) - Plug**		
Verschlußstopfen	Plug	6.34	
37°- (JIC) - Muttern	**37°- (JIC) - Nuts**		
Muttern	Nuts	6.35	
37°- (JIC) - Druckringe	**37°- (JIC) - Sleeves**		
Rohr - Metrisch	Tube - Metric	6.36	
Rohr - Zöllig	Tube - Inch	6.37	

Bördelanschluss 37° nach SAE J 514 und ISO 8434 Teil 2

Die Bördelverschraubung nach SAE J 514 und ISO 8434-2 besteht aus Verschraubungsstutzen 1, Druckring 2 und Überwurfmutter 3.
Durch Austauschen des Druckringes ist die gleiche Verschraubung für metrisches und zölliges Rohr, das unter 37° gebördelt wurde, verwendbar.



Bei der Montage wird das gebördelte Rohr 4 zwischen Druckring und Verschraubungsstutzen eingeklemmt und festgehalten.
Der Druckring zentriert und stützt hierbei das Rohr und dient gleichzeitig als Sicherung gegen Verdrehen und Vibration.

Da er sich beim Anziehen der Überwurfmutter nicht mitdreht, werden Spannungen am Rohrsystem vermieden. Die entstandene, rein metallische Dichtung garantiert eine hohe Sicherheit.

Auf Anfrage auch mit O-Ring Dichtung am Verschraubungsstutzen 1 lieferbar.

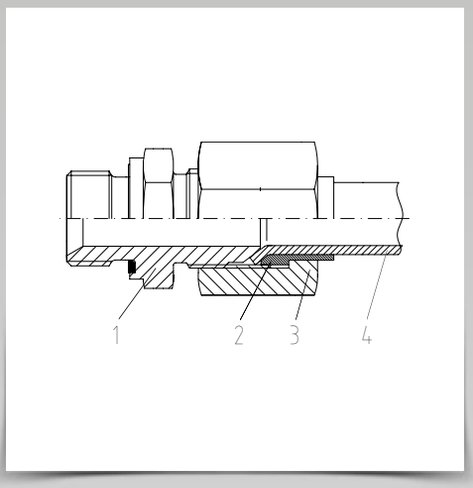
Flare Tube 37° to SAE J 514 and ISO 8434 Part 2

The flare coupling to SAE J 514 and ISO 8434-2 comprises a coupling body 1, pressure ring 2 and securing nut 3. By exchanging the pressure ring, the same coupling can be used with both metric and inch size pipe flared at less than 37°.

On fitting, the flared tube 4 is wedged and held between the pressure ring and the coupling body. The pressure ring centres and supports the tube at the same time preventing it from twisting and dampening vibration.

As it does not turn with the securing nut, no tension is transmitted to the tube system. The result is an extremely dependable metal seal.

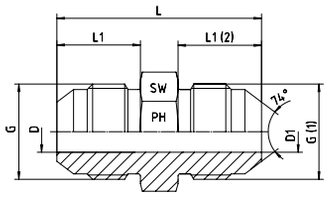
On request with O-ring seal on the coupling body 1.



37°- (JIC) - GERADE - VERBINDER
37°- (JIC) - STRAIGHT - COUPLING

Gerade Verbinder
Männlich - Männlich
Reduzieradapter auf Anfrage!
Zum Beispiel:
Rohr 20 auf 16 = Bestellzeichen: 1252510-12-10

Straight Unions
Male - Male
Reducers on request!
For Example:
Tube 20 to 16 = Order-Code: 1252510-12-10



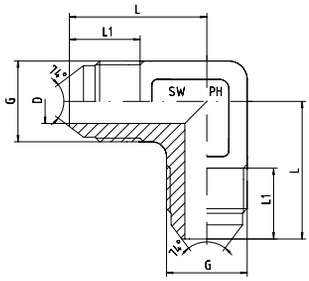
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**mm**	**in.**	**G**	**G1**	**L**	**L1**	**L2**	**D**	**D1**	**SW**	
350	6	1/4“	7/16“-20 UNF		35,0	14,0		4,5		12	1252510-04-04
350	8	5/16“	1/2“-20 UNF		35,0	14,0		5,0		14	1252510-05-05
350			9/16“-18 UNF	7/16“-20 UNF	35,0	14,1	14,0	7,5	4,0	17	1252510-06-04
350	10	3/8“	9/16“-18 UNF		36,0	14,1		7,5		17	1252510-06-06
350			3/4“-16 UNF	7/16“-20 UNF	38,1	16,7	14,1	9,5	4,5	22	1252510-08-04
350			3/4“-16 UNF	9/16“-18 UNF	38,1	16,7	14,1	9,5	7,5	22	1252510-08-06
350	12	1/2“	3/4“-16 UNF		41,0	16,7		9,5		22	1252510-08-08
350			7/8“-14 UNF	7/16“-20 UNF	41,0	19,3	14,0	12,5	4,5	24	1252510-10-04
350			7/8“-14 UNF	9/16“-18 UNF	41,0	19,3	14,1	12,5	7,5	24	1252510-10-06
350			7/8“-14 UNF	3/4“-16 UNF	45,0	19,3	16,7	12,5	9,5	24	1252510-10-08
350	14, 15, 16	5/8“	7/8“-14 UNF		48,0	19,3		12,5		24	1252510-10-10
350			1 1/16“-12 UN	9/16“-18 UNF				15,0	7,5	27	1252510-12-06
350			1 1/16“-12 UN	3/4“-16 UNF	48,0	21,9	16,7	15,0	9,5	27	1252510-12-08
350			1 1/16“-12 UN	7/8“-14 UNF	51,0	21,9	19,3	15,0	12,5	27	1252510-12-10
350	18, 20	3/4“	1 1/16“-12 UN		55,0	21,9		15,0		27	1252510-12-12
280			1 5/16“-12 UN	1 1/16“-12 UN	56,0	23,1	21,9	21,5	15,0	36	1252510-16-12
280	25	1“	1 5/16“-12 UN		57,0	23,1		21,5		36	1252510-16-16
210			1 5/8“-12 UN	1 1/16“-12 UN	56,0	24,3	21,9	27,5	15,0	46	1252510-20-12
210			1 5/8“-12 UN	1 5/16“-12 UN	57,0	24,3	23,1	27,5	21,5	46	1252510-20-16
210	28, 30, 32	1 1/4“	1 5/8“-12 UN		61,5	24,3		27,5		46	1252510-20-20
210			1 7/8“-12 UN	1 5/8“-12 UN	65,0	27,5	24,3	33,0	27,5	50	1252510-24-20
210	35, 38	1 1/2“	1 7/8“-12 UN		70,0	27,5		33,0		50	1252510-24-24
150	50	2“	2 1/2“-12 UN		80,0	33,9		45,0		65	1252510-32-32

37°- (JIC) - 90° - WINKEL - VERBINDER

37°- (JIC) - 90°- EQUAL - ELBOW

90°-Winkelverbinder
Männlich - Männlich

90°-Elbow Connectors
Male - Male



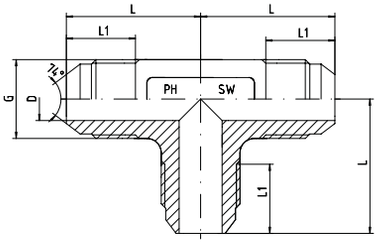
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**mm**	**in.**	**G**	**L**	**L1**	**D**	**SW**		
350	6	1/4“	7/16“-20 UNF	22,5	14,0	4,5	12		1252511-04-04
350	8	5/16“	1/2“-20 UNF	24,0	14,0	6,0	14		1252511-05-05
350	10	3/8“	9/16“-18 UNF	27,0	14,1	7,5	14		1252511-06-06
350	12	1/2“	3/4“-16 UNF	32,0	16,7	10,0	22		1252511-08-08
350	14, 15, 16	5/8“	7/8“-14 UNF	37,5	19,3	12,5	22		1252511-10-10
350	18, 20	3/4“	1 1/16“-12 UN	42,0	21,9	15,0	24		1252511-12-12
280	25	1“	1 5/16“-12 UN	46,0	23,1	21,5	36		1252511-16-16
210	28, 30, 32	1 1/4“	1 5/8“-12 UN	52,5	24,3	27,5	41		1252511-20-20
210	35, 38	1 1/2“	1 7/8“-12 UN	59,0	27,5	33,0	50		1252511-24-24
150	50	2“	2 1/2“-12 UN	77,5	33,9	45,0	65		1252511-32-32

37°- (JIC) - T - VERBINDER
37°- (JIC) - EQUAL - TEE

EDELSTAHL / STAINLESS STEEL
VERBINDUNGSTECHNIK
FLUID CONNECTORS

Alle Seiten männlich

All Sides Male

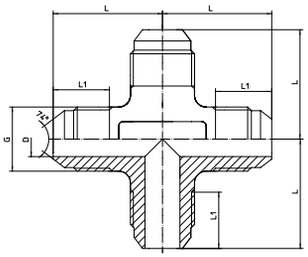


Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**mm**	**in.**	**G**	**L**	**L1**	**D**	**SW**		
350	6	1/4“	7/16“-20 UNF	22,5	14,0	4,5	12		1252512-04-04-04
350	8	5/16“	1/2“-20 UNF	24,0	14,0	6,0	14		1252512-05-05-05
350	10	3/8“	9/16“-18 UNF	27,0	14,1	7,5	14		1252512-06-06-06
350	12	1/2“	3/4“-16 UNF	32,0	16,7	10,0	22		1252512-08-08-08
350	14,15,16	5/8“	7/8“-14 UNF	37,5	19,3	12,5	24		1252512-10-10-10
350	18,20	3/4“	1 1/16“-12 UN	42,0	21,9	15,5	24		1252512-12-12-12
280	25	1“	1 5/16“-12 UN	46,0	23,1	21,5	36		1252512-16-16-16
210	28,30,32	1 1/4“	1 5/8“-12 UN	52,5	24,3	27,5	41		1252512-20-20-20
210	35,38	1 1/2“	1 7/8“-12 UN	59,0	27,5	33,0	50		1252512-24-24-24
150	50	2“	2 1/2“-12 UN	77,5	33,9	45,0	65		1252512-32-32-32

37°- (JIC) - K - VERBINDER
37°- (JIC) - EQUAL - TEE

Alle Seiten männlich

All Sides Male



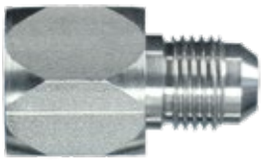
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**mm**	**in.**	**G**	**L**	**L1**	**D**	**SW**		
350	6	1/4“	7/16“-20 UNF	22,5	14,0	4,5	12		1252524-04-04-04-04
350	8	5/16“	1/2“-20 UNF	24,0	14,0	6	14		1252524-05-05-05-05
350	10	3/8“	9/16“-18 UNF	27,0	14,1	7,5	14		1252524-06-06-06-06
350	12	1/2“	3/4“-16 UNF	32,0	16,7	10	19		1252524-08-08-08-08
350	14,15,16	5/8“	7/8“-14 UNF	37,5	19,3	12,5	22		1252524-10-10-10-10
350	18,2	3/4“	1 1/16“-12 UN	42,0	21,9	15,5	27		1252524-12-12-12-12
280	25	1“	1 5/16“-12 UN	46,0	23,1	21,5	32		1252524-16-16-16-16
210	28,30,32	1 1/4"	1 5/8“-12 UN	52,5	24,3	27,5	41		1252524-20-20-20-20
210	35,38	1 1/2"	1 7/8“-12 UN	59,0	27,5	33	50		1252524-24-24-24-24

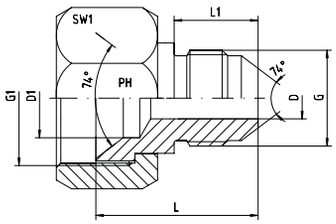
37°- (JIC) - GERADE - REDUZIERUNGEN
37°- (JIC) - STRAIGHT - REDUCERS

Form B

JIC - Männlich
JIC - Weiblich - Drehbar

JIC - Male
JIC - Female - Swivel





Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions					Form Form	Bestellzeichen Order-Code
PN	**mm**	**in.**	**G1 = UNF/UN**	**G = UNF/UN**	**L**	**L1**	**D**	**D1**	**SW1**		
350	6	1/4“	9/16“-18	7/16“-20	26,0	14,0	4,0	7,0	19	B	2252511-06-04
350	6	1/4“	3/4“-16	7/16“-20	26,0	14,0	4,0	9,0	22	B	2252511-08-04
350	8	5/16“	3/4“-16	1/2“-20	26,0	14,0	9,0	6,0	22	B	2252511-08-05
350	10	3/8“	3/4“-16	9/16“-18	26,0	14,0	7,5	9,0	22	B	2252511-08-06
350	6	1/4“	7/8“-14	7/16“-20	28,0	14,0	4,5	11,0	27	B	2252511-10-04
350	10	3/8“	7/8“-14	9/16“-18	28,0	14,0	7,5	11,0	27	B	2252511-10-06
350	6	1/4“	1 1/16“-12	7/16“-20	28,5	14,0	4,0	15,0	32	B	2252511-12-04
350	10	3/8“	1 1/16“-12	9/16“-18	30,4	14,0	7,5	15,0	32	B	2252511-12-06
350	12	1/2“	1 1/16“-12	3/4“-16	33,0	17,0	9,5	15,0	32	B	2252511-12-08
280	6	1/4“	1 5/16“-12	7/16“-20	31,0	14,0	19,0	4,0	41	B	2252511-16-04
280	10	3/8“	1 5/16“-12	9/16“-18	32,0	14,0	7,5	19,0	41	B	2252511-16-06
280	12	1/2“	1 5/16“-12	3/4“-16	35,0	17,0	9,5	19,0	41	B	2252511-16-08
280	14, 15, 16	5/8“	1 5/16“-12	7/8“-14	37,0	19,5	12,0	19,0	41	B	2252511-16-10
280	18, 20	3/4“	1 5/16“-12	1 1/16“-12	40,0	22,0	15,5	19,0	41	B	2252511-16-12
210	12	1/2“	1 5/8“-12	3/4“-16	35,0	16,7	9,5	26,0	50	B	2252511-20-08
210	14, 15, 16	5/8“	1 5/8“-12	7/8“-14	37,3	19,5	26,0	12,0	50	B	2252511-20-10
210	18, 20	3/4“	1 5/8“-12	1 1/16“-12	40,0	22,0	15,0	26,0	50	B	2252511-20-12
210	25	1“	1 5/8“-12	1 5/16“-12	41,0	23,0	21,0	26,0	50	B	2252511-20-16
210	14, 15, 16	5/8“	1 7/8“-12	7/8“-14	41,0	19,3	30,0	12,0	60	B	2252511-24-10
210	18, 20	3/4“	1 7/8“-12	1 1/16“-12	43,6	22,0	15,0	30,0	60	B	2252511-24-12
210	25	1“	1 7/8“-12	1 5/16“-12	45,0	23,0	21,0	30,0	60	B	2252511-24-16
210	28, 30, 32	1 1/4“	1 7/8“-12	1 5/8“-12	62,0	24,3	26,5	32,0	60	B	2252511-24-20

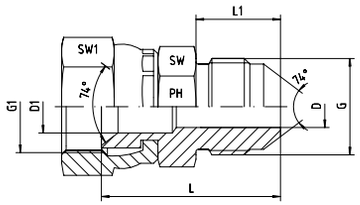
37°- (JIC) - GERADE - VERBINDER - DICHTKEGEL

37°- (JIC) - SWIVEL - STRAIGHT

Form A

JIC - Männlich
JIC - Weiblich - Drehbar

JIC - Male
JIC - Female - Swivel



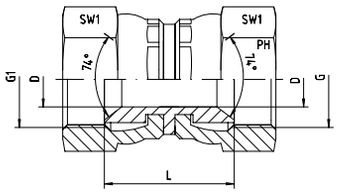
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions						Form Form	Bestellzeichen Order-Code
PN	**mm**	**in.**	**G1 = UNF/UN**	**G = UNF/UN**	**L**	**L1**	**D**	**D1**	**SW1**	**SW**		
350	6	1/4“	7/16“-20	7/16“-20	29,0	14,0	4,0	4,0	17	12	A	2252511-04-04
350	10	3/8“	7/16“-20	9/16“-18	29,7	14,0	6,5	4,0	17	17	A	2252511-04-06
350	12	1/2“	7/16“-20	3/4“-16	33,5	17,0	9,5	4,0	17	22	A	2252511-04-08
350	6	1/4“	1/2“-20	7/16“-20	29,0	14,0	4,0	4,0	17	12	A	2252511-05-04
350	8	5/16“	1/2“-20	1/2“-20	30,0	14,0	5,0	5,0	17	14	A	2252511-05-05
350	8	5/16“	9/16“-18	1/2“-20	30,7	14,0	5,0	5,0	19	14	A	2252511-06-05
350	10	3/8“	9/16“-18	9/16“-18	30,7	14,0	6,5	6,5	19	17	A	2252511-06-06
350	12	1/2“	9/16“-18	3/4“-16	34,5	17,0	9,5	7,0	19	22	A	2252511-06-08
350	14, 15, 16	5/8“	9/16“-18	7/8“-14	29,7	14,0	6,5	4,0	17	17	A	2252511-06-10
350	12	1/2“	3/4“-16	3/4“-16	35,5	17,0	9,5	9,5	24	22	A	2252511-08-08
350	14, 15, 16	5/8“	3/4“-16	7/8“-14	39,4	19,5	12,0	10,0	24	24	A	2252511-08-10
280	25	1“	3/4“-16	1 5/16“-12	44,0	23,0	21,0	9,5	24	36	A	2252511-08-16
350	12	1/2“	7/8“-14	3/4“-16	36,5	17,0	9,5	11,0	27	22	A	2252511-10-08
350	14, 15, 16	5/8“	7/8“-14	7/8“-14	40,5	19,5	12,0	12,0	27	24	A	2252511-10-10
350	18, 20	3/4“	7/8“-14	1 1/16“-12	45,5	22,0	15,0	12,0	27	27	A	2252511-10-12
350	14, 15, 16	5/8“	1 1/16“-12	7/8“-14	40,6	19,5	12,0	15,0	32	27	A	2252511-12-10
350	18, 20	3/4“	1 1/16“-12	1 1/16“-12	45,6	22,0	15,0	15,0	32	32	A	2252511-12-12
280	25	1“	1 5/16“-12	1 5/16“-12	48,7	23,0	21,0	21,0	41	36	A	2252511-16-16
210	28, 30, 32	1 1/2“	1 5/16“-12	1 5/8“-12	53,0	24,3	26,5	19,0	50	46	A	2252511-16-20
210	28, 30, 32	1 1/4“	1 5/8“-12	1 5/8“-12	56,0	24,3	27,5	27,5	50	46	A	2252511-20-20
210	35, 38	1 1/2“	1 7/8“-12	1 7/8“-12	60,0	27,5	33,0	33,0	55	50	A	2252511-24-24
150	35, 38	1 1/2“	2 1/2“-12	1 7/8“-12	66,5	27,5	32,0	44,0	70	65	A	2252511-32-24

37°- (JIC) - GERADE - VERBINDER - DOPPEL - DICHTKEGEL

37°- (JIC) - SWIVEL - FEMALE - FEMALE

JIC - Weiblich - Drehbar
Beide Seiten

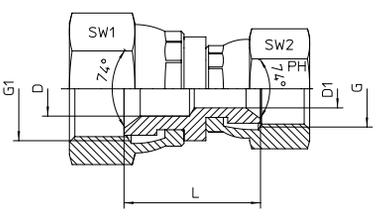
JIC - Female - Swivel
Both Sides



Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**mm**	**in.**	**G1**	**L**	**D**	**SW1**		
350	6	1/4“	7/16“-20 UNF	21,0	4,0	17		3252511-04-04
350	8	5/16“	1/2“-20 UNF	21,0	5,0	17		3252511-05-05
350	10	3/8“	9/16“-18 UNF	24,0	7,0	19		3252511-06-06
350	12	1/2“	3/4“-16 UNF	25,5	10,0	24		3252511-08-08
350	14, 15, 16	5/8“	7/8“-14 UNF	30,0	12,0	27		3252511-10-10
350	18, 20	3/4“	1 1/16“-12 UN	30,0	15,0	32		3252511-12-12
280	25	1“	1 5/16“-12 UN	35,0	21,0	41		3252511-16-16
210	28, 30, 32	1 1/4“	1 5/8“-12 UN	35,0	27,5	50		3252511-20-20
210	35, 38	1 1/2“	1 7/8“-12 UN	40,0	33,0	55		3252511-24-24
150	50	2“	2 1/2“-12 UN	55,0	45,0	70		3252511-32-32

JIC - Weiblich - Drehbar
Beide Seiten

JIC - Female - Swivel
Both Sides



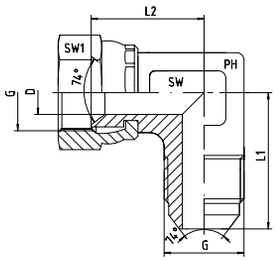
Druck Pressure	Gewinde Thread		Ca. Maße Apporox. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G**	**G1**	**L**	**D**	**D1**	**SW1**	**SW2**		
350	7/16“-20 UNF	9/16“-18 UNF	23,0	7,0	4,0	19	17		3252511-06-04
350	9/16“-18 UNF	3/4“-16 UNF	25,0	10,0	7,0	24	19		3252511-08-06
350	3/4“-16 UNF	1 1/16“-12 UN	28,0	15,0	10,0	32	24		3252511-12-08

37°- (JIC) - EINSTELLBARER - WINKEL - VERBINDER

37°- (JIC) - SWIVEL - ELBOW

Winkel-Adapter - 90°
DKJ - AGJ

Swivel-Elbow-Adaptors - 90°
DKJ - AGJ



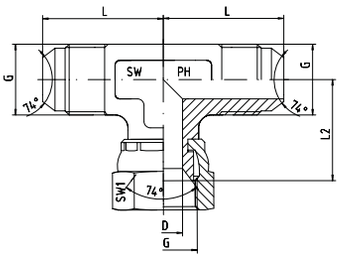
Druck Pressure	**Rohr A.D.** Tube O.D.		**Gewinde** Thread	**Ca. Maße** Approx. Dimensions					**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**mm**	**in.**	**G = UNF/UN**	**L1**	**L2**	**D**	**SW1**	**SW**		
350	6	1/4“	7/16“-20	22,5	16,7	4,0	17	12		1252514-04-04
350	8	5/16“	1/2“-20	24,0	17,5	5,5	17	14		1252514-05-05
350	10	3/8“	9/16“-18	27,0	22,5	7,5	19	14		1252514-06-06
350	12	1/2“	3/4“-16	32,0	24,5	10,0	24	22		1252514-08-08
350	14, 15, 16	5/8“	7/8“-14	37,5	29,5	12,0	27	24		1252514-10-10
350	18, 20	3/4“	1 1/16“-12	42,0	31,0	15,5	32	24		1252514-12-12
250	25	1“	1 5/16“-12	46,0	35,7	21,5	41	36		1252514-16-16
210	28, 30, 32	1 1/4“	1 5/8“-12	52,5	42,8	27,5	50	41		1252514-20-20
140	35, 38	1 1/2“	1 7/8“-12	59,0	47,2	33,0	55	50		1252514-24-24
150	50	2“	2 1/2“-12	77,5	62,1	45,0	70	65		1252514-32-32

37°- (JIC) - EINSTELLBARER - T - VERBINDER

37°- (JIC) - SWIVEL - BRANCH - TEE

TE-Adapter
AGJ - DKJ - AGJ

Swivel-Branch-Tee
AGJ - DKJ - AGJ



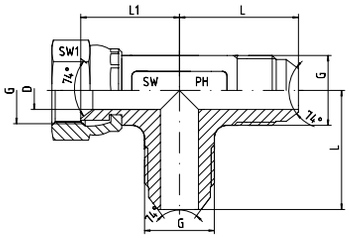
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**mm**	**in.**	**G**	**L**	**L2**	**D**	**SW1**	**SW**		
350	6	1/4“	7/16“-20 UNF	22,5	16,7	4,0	16	11		1252515-04-04-04
350	8	5/16“	1/2“-20 UNF	24,0	17,5	5,5	17	14		1252515-05-05-05
350	10	3/8“	9/16“-18 UNF	27,0	22,3	7,5	19	14		1252515-06-06-06
350	12	1/2“	3/4“-16 UNF	31,0	24,5	10,0	24	19		1252515-08-08-08
350	14, 15, 16	5/8“	7/8“-14 UNF	37,5	29,5	12,0	27	24		1252515-10-10-10
350	18, 20	3/4“	1 1/16“-12 UN	42,0	31,0	15,5	32	24		1252515-12-12-12
250	25	1“	1 5/16“-12 UN	46,0	35,7	21,5	41	36		1252515-16-16-16
210	28, 30, 32	1 1/4“	1 5/8“-12 UN	52,5	42,8	27,5	50	41		1252515-20-20-20
170	35, 38	1 1/2“	1 7/8“-12 UN	59,0	47,2	33,0	55	50		1252515-24-24-24
150	50	2“	2 1/2“-12 UN	77,5	62,1	45,0	70	65		1252515-32-32-32

37°- (JIC) - EINSTELLBARER - L - VERBINDER

37°- (JIC) - SWIVEL - RUN - TEE

LE-Adapter
DKJ - AGJ - AGJ

Swivel-Run-Tee
DKJ - AGJ - AGJ



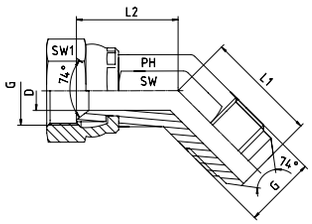
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**mm**	**in.**	**G**	**L**	**L1**	**D**	**SW1**	**SW**		
350	6	1/4“	7/16“-20 UNF	22,5	16,7	4,0	17	12		1252516-04-04-04
350	8	5/16“	1/2“-20 UNF	24,0	17,5	5,5	17	14		1252516-05-05-05
350	10	3/8“	9/16“-18 UNF	27,0	22,3	7,5	19	14		1252516-06-06-06
350	12	1/2“	3/4“-16 UNF	31,0	24,5	10,0	24	22		1252516-08-08-08
350	14,15,16	5/8“	7/8“-14 UNF	37,5	29,5	12,0	27	24		1252516-10-10-10
350	18,20	3/4“	1 1/16“-12 UN	42,0	31,0	15,5	32	24		1252516-12-12-12
350	25	1“	1 5/16“-12 UN	46,0	35,7	21,5	41	36		1252516-16-16-16
210	28,30,32	1 1/4“	1 5/8“-12 UN	52,5	42,8	27,5	50	41		1252516-20-20-20
170	35,38	1 1/2“	1 7/8“-12 UN	59,9	47,2	33,0	55	50		1252516-24-24-24
150	50	2“	2 1/2“-12 UN	77,5	62,1	45,0	70	65		1252516-32-32-32

37°- (JIC) - EINSTELLBARER - 45° - VERBINDER

37°- (JIC) - SWIVEL - 45° - ELBOW

Winkel-Adapter - 45°
DKJ - AGJ

Swivel-Elbow-Adaptors - 45°
DKJ - AGJ



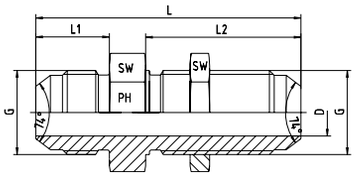
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**mm**	**in.**	**G = UNF/UN**	**L1**	**L2**	**D**	**SW1**	**SW**		
350	6	1/4“	7/16“-20	18,0	15,0	4,0	17	14		1252522-04-04
350	8	5/16“	1/2“-20	20,0	16,0	5,5	17	14		1252522-05-05
350	10	3/8“	9/16“-18	21,0	19,0	7,5	19	14		1252522-06-06
350	12	1/2“	3/4“-16	25,0	22,0	10,0	24	19		1252522-08-08
350	14, 15, 16	5/8“	7/8“-14	28,0	24,0	12,0	27	24		1252522-10-10
350	18, 20	3/4“	1 1/16“-12	33,0	24,0	15,5	32	27		1252522-12-12
250	25	1“	1 5/16“-12	37,0	29,0	21,5	41	36		1252522-16-16
210	28, 30, 32	1 1/4“	1 5/8“-12	40,0	36,0	27,5	50	50		1252522-20-20
140	35, 38	1 1/2“	1 7/8“-12	45,0	39,0	33,0	60	50		1252522-24-24
150	50	2“	2 1/2“-12	56,5	50,1	45,0	70	65		1252522-32-32

37°- (JIC) - SCHOTT - VERSCHRAUBUNGEN

37°- (JIC) - BULKHEAD - CONNECTORS

Gerade Schottverschraubungen

Straight Bulkhead Connections



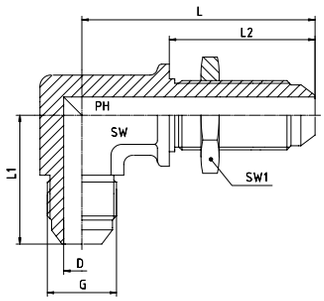
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**mm**	**in.**	**G**	**L**	**L1**	**L2**	**D**	**SW**		
350	6	1/4“	7/16“-20 UNF	52,5	14,0	31,5	4,0	17		1252513-04-04
350	8	5/16“	1/2“-20 UNF	52,5	14,0	31,5	6,0	19		1252513-05-05
350	10	3/8“	9/16“-18 UNF	55,5	14,0	33,0	7,5	22		1252513-06-06
350	12	1/2“	3/4“-16 UNF	62,0	16,5	37,0	10,0	24		1252513-08-08
350	14, 15, 16	5/8“	7/8“-14 UNF	69,5	19,0	40,5	12,0	30		1252513-10-10
350	18,20	3/4“	1 1/16“-12 UN	78,5	21,5	45,0	15,5	36		1252513-12-12
280	25	1“	1 5/16“-12 UN	80,0	23,1	44,4	21,5	41		1252513-16-16
210	28, 30, 32	1 1/4“	1 5/8“-12 UN	84,0	24,3	45,7	27,5	50		1252513-20-20
210	35, 38	1 1/2“	1 7/8“-12 UN	89,5	27,5	46,0	33,0	55		1252513-24-24
150	50	2“	2 1/2“-12 UN	106,5	33,9	53,0	45,0	70		1252513-32-32

37°- (JIC) - SCHOTT - VERSCHRAUBUNGEN

37°- (JIC) - BULKHEAD - CONNECTORS

Winkel-Schottverschraubungen - 90°

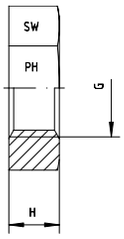
90°-Elbow Bulkhead Connections



Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	mm	in.	G	L	L1	L2	D	SW1	SW	
350	6	1/4“	7/16“-20 UNF	40,0	25,0	26,0	4,0	17	12	1252521-04-04
350	8	5,16“	1/2“-20 UNF	44,0	27,0	26,0	6,0	19	14	1252521-05-05
350	10	3/8“	9/16“-18 UNF	46,0	28,0	28,0	8,0	22	14	1252521-06-06
350	12	1/2“	3/4“-16 UNF	54,0	36,0	32,0	10,0	24	19	1252521-08-08
350	14, 15, 16	5/8“	7/8“-14 UNF	61,0	40,0	35,0	12,0	30	24	1252521-10-10
350	18, 20	3/4“	1 1/16“-12 UN	68,0	45,0	40,0	16,0	36	27	1252521-12-12
280	25	1“	1 5/16“-12 UN	71,0	49,0	40,0	22,0	41	41	1252521-16-16
210	28, 30, 32	1 1/4“	1 5/8“-12 UN	80,0	55,0	41,0	28,0	50	41	1252521-20-20
210	35, 38	1 1/2“	1 7/8“-12 UN	87,0	59,0	55,0	33,0	55	50	1252521-24-24

Gegenmutter für Schottverschraubungen

Locknuts for Bulkhead Couplings



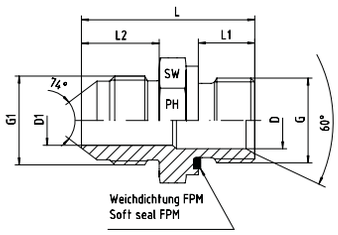
Gewinde Thread	**Ca. Maße** Approx. Dimensions		**Bemerkungen** Notes	**Bestellzeichen** Order-Code
G = UNF/UN	**H**	**SW**		
7/16“-20 UNF	6,4	17		1252523-04
1/2“-20 UNF	6,4	19		1252523-05
9/16“-18 UNF	6,9	22		1252523-06
3/4“-16 UNF	7,9	24		1252523-08
7/8“-14 UNF	9,1	30		1252523-10
1 1/16“-12 UN	10,6	36		1252523-12
1 5/16“-12 UN	10,4	41		1252523-16
1 5/8“-12 UN	10,4	50		1252523-20
1 7/8“-12 UN	10,4	55		1252523-24
2 1/2“-12 UN	10,4	70		1252523-32

37°- (JIC) - EINSCHRAUB - VERSCHRAUBUNGEN

37°- (JIC) - MALE - STUD

JIC - Männlich
BSP - Männlich
Mit gekammerter Weichdichtung

JIC - Male
BSP - Male
With Captive Soft Seal



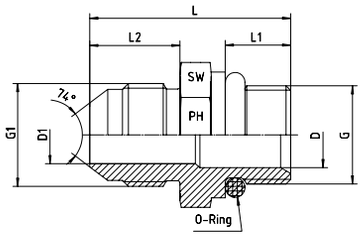
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	mm	in.	G1 = UNF/UN	G = BSP	L	L1	L2	D	D1	SW	
350	6	1/4“	7/16“-20	1/8“-28	30,0	8,0	14,0	3,5	3,5	14	1052510-04-02
350	6	1/4“	7/16“-20	1/4“-19	34,0	12,0	14,0	4,0	4,0	19	1052510-04-04
350	6	1/4“	7/16“-20	3/8“-19	34,5	12,0	14,0	8,0	4,0	22	1052510-04-06
350	6	1/4“	7/16“-20	1/2“-14	37,5	14,0	14,0	11,5	4,0	27	1052510-04-08
350	8	5/16“	1/2“-20	1/8“-28	30,0	8,0	14,0	4,5	4,5	14	1052510-05-02
350	8	5/16“	1/2“-20	1/4“-19	34,0	12,0	14,0	5,0	5,0	19	1052510-05-04
350	8	5/16“	1/2“-20	3/8“-19	34,5	12,0	14,0	8,0	5,0	22	1052510-05-06
350	8	5/16“	1/2“-20	1/2“-14	37,5	14,0	14,0	11,5	5,0	27	1052510-05-08
350	10	3/8“	9/16“-18	1/8“-28	30,0	8,0	14,0	4,5	6,0	17	1052510-06-02
350	10	3/8“	9/16“-18	1/4“-19	33,0	10,0	14,0	6,0	6,0	19	1052510-06-04
350	10	3/8“	9/16“-18	3/8“-19	34,5	12,0	14,0	7,5	7,5	22	1052510-06-06
350	10	3/8“	9/16“-18	1/2“-14	40,0	14,0	14,0	12,0	7,5	27	1052510-06-08
350	12	1/2“	3/4“-16	1/4“-19	37,0	10,0	17,0	5,0	9,5	22	1052510-08-04
350	12	1/2“	3/4“-16	3/8“-19	41,0	12,0	17,0	9,0	9,0	22	1052510-08-06
350	12	1/2“	3/4“-16	1/2“-14	40,5	14,0	17,0	9,5	9,5	27	1052510-08-08
350	12	1/2“	3/4“-16	3/4“-14	46,0	16,0	17,0	17,0	9,5	32	1052510-08-12
350	14, 15, 16	5/8“	7/8“-14	3/8“-19	42,5	12,0	19,5	8,0	12,0	24	1052510-10-06
350	14, 15, 16	5/8“	7/8“-14	1/2“-14	43,0	14,0	19,5	12,0	12,0	27	1052510-10-08
350	14, 15, 16	5/8“	7/8“-14	5/8“-14	44,5	16,0	19,5	14,5	12,0	30	1052510-10-10
350	14, 15, 16	5/8“	7/8“-14	3/4“-14	46,0	16,0	19,5	17,0	12,0	32	1052510-10-12
350	14, 15, 16	5/8“	7/8“-14	1“-11	50,0	18,0	19,5	22,5	12,0	41	1052510-10-16
350	18, 20	3/4“	1 1/16“-12	3/8“-19	44,5	12,0	22,0	8,0	15,0	27	1052510-12-06
350	18, 20	3/4“	1 1/16“-12	1/2“-14	50,0	14,0	22,0	11,5	15,0	27	1052510-12-08
350	18, 20	3/4“	1 1/16“-12	3/4“-14	51,0	16,0	22,0	15,0	15,0	32	1052510-12-12
350	18, 20	3/4“	1 1/16“-12	1“-11	53,0	18,0	22,0	22,5	15,0	41	1052510-12-16
350	18, 20	3/4“	1 1/16“-12	1 1/4“-11	56,5	20,0	22,0	29,0	15,0	50	1052510-12-20
280	25	1“	1 5/16“-12	1/2“-14	51,0	14,0	23,0	11,5	21,5	36	1052510-16-08
280	25	1“	1 5/16“-12	3/4“-14	53,0	16,0	23,0	17,5	21,5	36	1052510-16-12
280	25	1“	1 5/16“-12	1“-11	53,5	18,0	23,0	21,5	21,5	41	1052510-16-16
280	25	1“	1 5/16“-12	1 1/4“-11	57,5	20,0	23,0	29,0	21,5	50	1052510-16-20
210	25	1“	1 5/16“-12	1 1/2“-11	59,5	22,0	23,0	33,5	21,0	55	1052510-16-24
210	28, 30, 32	1 1/4“	1 5/8“-12	3/4“-14	56,7	16,0	24,3	17,0	26,5	46	1052510-20-12
210	28, 30, 32	1 1/4“	1 5/8“-12	1“-11	55,0	18,0	24,3	23,0	26,5	46	1052510-20-16
210	28, 30, 32	1 1/4“	1 5/8“-12	1 1/4“-11	59,0	20,0	24,3	29,0	26,5	50	1052510-20-20
210	28, 30, 32	1 1/4“	1 5/8“-12	1 1/2“-11	61,0	22,0	24,3	33,5	26,5	55	1052510-20-24
150	28, 30, 32	1 1/4“	1 5/8“-12	2“-11	64,3	25,0	24,3	46,0	26,5	70	1052510-20-32
210	35, 38	1 1/2“	1 7/8“-12	1“-11	60,0	18,0	27,5	22,5	32,0	50	1052510-24-16
210	35, 38	1 1/2“	1 7/8“-12	1 1/4“-11	62,0	20,0	27,5	29,0	32,0	50	1052510-24-20
210	35, 38	1 1/2“	1 7/8“-12	1 1/2“-11	64,0	22,0	27,5	33,5	32,0	55	1052510-24-24
150	35, 38	1 1/2“	1 7/8“-12	2“-11	67,5	23,0	27,5	46,0	32,0	70	1052510-24-32
150	50	2“	2 1/2“-12	2“-11	76,0	23,0	33,9	45,0	45,0	70	1052510-32-32

37°- (JIC) - EINSCHRAUB - VERSCHRAUBUNGEN

37°- (JIC) - MALE - STUD

JIC - Männlich
Einschraubgewinde: UNF
Abdichtung durch Runddichtung (O-Ring) (FPM) ISO 11926
Achtung: Spezielle Gewindeaussenkung erforderlich.

JIC - Male
Thread: UNF
Sealing by O-ring (FPM) in Thread Undercut - ISO 11926
Note: Special port required.



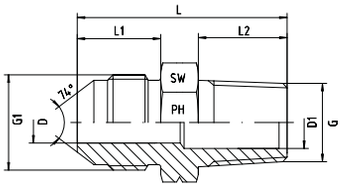
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions						O-Ring O-ring	Bestellzeichen Order-Code
PN	**mm**	**in.**	**G1 = UNF/UN**	**G = UNF/UN**	**L**	**L1**	**L2**	**D**	**D1**	**SW**		
350	6	1/4“	7/16“-20	7/16“-20	31,0	9,2	14,0	4,5	4,5	17	9,17 x 1,83	1052511-04-04
350	8	5/16“	1/2“-20	1/2“-20	31,0	9,2	14,0	6,0	6,0	17	10,52 x 1,83	1052511-05-05
350	8	5/16“	1/2“-20	9/16“-18	33,0	10,0	14,0	5,0	5,0	19	11,89 x 1,98	1052511-05-06
350	10	3/8“	9/16“-18	9/16“-18	33,0	10,0	14,0	7,5	7,5	19	11,89 x 1,98	1052511-06-06
350	10	3/8“	9/16“-18	3/4“-16	35,5	11,0	14,0	9,5	7,5	24	16,36 x 2,21	1052511-06-08
350	10	3/8“	9/16“-18	7/8“-14	38,0	14,7	14,0	12,0	7,5	27	19,18 x 2,46	1052511-06-10
350	12	1/2“	3/4“-16	9/16“-18	38,0	10,0	17,0	7,5	7,5	22	11,89 x 1,98	1052511-08-06
350	12	1/2“	3/4“-16	3/4“-16	38,0	11,0	17,0	9,5	9,5	24	16,36 x 2,21	1052511-08-08
350	12	1/2“	3/4“-16	7/8“-14	40,0	12,7	17,0	12,0	9,5	27	19,18 x 2,46	1052511-08-10
350	14, 15, 16	5/8“	7/8“-14	3/4“-16	42,0	11,0	19,5	9,5	12,5	27	16,36 x 2,21	1052511-10-08
350	14, 15, 16	5/8“	7/8“-14	7/8“-14	43,0	12,7	19,5	12,0	12,0	27	19,18 x 2,46	1052511-10-10
350	14, 15, 16	5/8“	7/8“-14	1 1/16“-12	47,0	15,0	19,5	15,0	12,0	32	23,47 x 2,95	1052511-10-12
350	18, 20	3/4“	1 1/16“-12	1 1/16“-12	50,0	15,0	22,0	15,0	15,0	32	23,47 x 2,95	1052511-12-12
350	18, 20	3/4“	1 1/16“-12	1 5/16“-12	51,0	15,0	22,0	21,5	15,0	41	29,74 x 2,95	1052511-12-16
280	25	1“	1 5/16“-12	1 5/16“-12	52,0	15,0	23,0	21,5	21,5	41	29,74 x 2,95	1052511-16-16
210	28, 30, 32	1 1/4“	1 5/8“-12	1 1/16-12	55,0	15,0	24,3	15,0	27,5	46	23,47 x 2,95	1052511-20-12
210	28, 30, 32	1 1/4“	1 5/8“-12	1 5/8“-12	53,0	15,0	24,3	27,5	27,5	50	37,47 x 3,00	1052511-20-20
210	35, 38	1 1/2“	1 7/8“-12	1 7/8“-12	56,5	15,0	27,5	33,0	33,0	55	43,69 x 3,00	1052511-24-24
150	50	2“	2 1/2“-12	2 1/2“-12	68,5	15,1	33,9	45,0	45,0	70	59,36 x 3,00	1052511-32-32

37°- (JIC) - EINSCHRAUB - VERSCHRAUBUNGEN

37°- (JIC) - MALE - STUD

JIC - Männlich
Whithworth-Rohrgewinde - Kegelig - Männlich

JIC - Male
BSP - Taper - Male



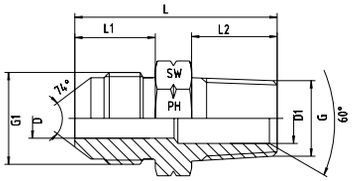
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	mm	in.	G1 = UNF/UN	G = keg.	L	L1	L2	D	D1	SW	
315	6	1/4“	7/16“-20	1/8“-28	29,0	14,0	8,0	4,0	4,0	12	1252820-04-02
315	6	1/4“	7/16“-20	1/4“-19	33,0	14,0	12,0	4,0	4,0	14	1252820-04-04
315	6	1/4“	7/16“-20	3/8“-19	32,7	14,0	12,0	4,0	9,0	19	1252820-04-06
315	6	1/4“	7/16“-20	1/2“-14	42,0	14,0	20,0	4,0	13,0	22	1252820-04-08
315	8	5/16“	1/2“-20	1/8“-28	28,0	14,0	8,0	4,0	4,0	14	1252820-05-02
315	8	5/16“	1/2“-20	1/4“-19	33,0	14,0	12,0	5,0	5,0	14	1252820-05-04
315	8	5/16“	1/2“-20	3/8“-19	32,7	14,0	12,0	5,0	9,0	19	1252820-05-06
315	10	3/8“	9/16“-18	1/8“-28	28,0	14,0	8,0	6,0	4,0	17	1252820-06-02
315	10	3/8“	9/16“-18	1/4“-19	31,0	14,0	12,0	6,0	6,0	17	1252820-06-04
315	10	3/8“	9/16“-18	3/8“-19	30,7	14,0	12,0	6,0	6,0	19	1252820-06-06
315	10	3/8“	9/16“-18	1/2“-14	37,0	14,0	14,0	7,5	13,0	22	1252820-06-08
315	12	1/2“	3/4“-16	1/4“-19	36,0	17,0	12,0	9,0	5,0	19	1252820-08-04
315	12	1/2“	3/4“-16	3/8“-19	35,7	17,0	12,0	9,0	9,0	19	1252820-08-06
315	12	1/2“	3/4“-16	1/2“-14	39,7	17,0	14,0	9,5	9,5	22	1252820-08-08
315	12	1/2“	3/4“-16	3/4“-14	43,2	17,0	16,0	9,5	17,0	27	1252820-08-12
315	14, 15, 16	5/8“	7/8“-14	3/8“-19	38,7	19,5	12,0	12,0	9,0	24	1252820-10-06
315	14, 15, 16	5/8“	7/8“-14	1/2“-14	42,0	19,5	14,0	12,0	12,0	24	1252820-10-08
160	14, 15, 16	5/8“	7/8“-14	3/4“-14	44,2	19,5	16,0	12,0	18,0	27	1252820-10-12
315	18, 20	3/4“	1 1/16“-12	1/2“-14	46,2	22,0	14,0	15,0	13,5	27	1252820-12-08
160	18, 20	3/4“	1 1/16“-12	3/4“-14	48,3	22,0	16,0	15,0	15,0	27	1252820-12-12
160	18, 20	3/4“	1 1/16“-12	1“-11	50,5	22,0	18,0	15,0	21,0	36	1252820-12-16
160	18, 20	3/4“	1 1/16“-12	1 1/4“-11	52,5	22,0	20,0	15,0	32,0	46	1252820-12-20
160	25	1“	1 5/16“-12	1/2“-14	47,2	23,0	14,0	21,0	13,5	36	1252820-16-08
160	25	1“	1 5/16“-12	3/4“-14	49,0	23,0	16,0	21,0	18,0	36	1252820-16-12
160	25	1“	1 5/16“-12	1“-11	51,0	23,0	18,0	21,0	21,0	36	1252820-16-16
160	25	1“	1 5/16“-12	1 1/4“-11	53,0	23,0	20,0	21,0	32,0	46	1252820-16-20
160	25	1“	1 5/16“-12	1 1/2“-11	58,0	23,0	22,0	21,0	32,0	50	1252820-16-24
160	28, 30, 32	1 1/4“	1 5/8“-12	1“-11	55,0	24,3	18,0	26,5	21,0	46	1252820-20-16
160	28, 30, 32	1 1/4“	1 5/8“-12	1 1/4“-11	56,5	24,3	20,0	26,5	31,7	46	1252820-20-20
160	28, 30, 32	1 1/4“	1 5/8“-12	1 1/2“-11	60,8	24,3	22,0	26,5	38,0	50	1252820-20-24
140	35, 38	1 1/2“	1 7/8“-12	1 1/4“-11	60,0	27,5	20,0	31,7	31,7	50	1252820-24-20
140	35, 38	1 1/2“	1 7/8“-12	1 1/2“-11	64,0	27,5	22,0	32,0	32,0	50	1252820-24-24
140	50	2“	2 1/2“-12	2“-11	72,0	33,9	26,0	45,0	45,0	65	1252820-32-32

37°- (JIC) - EINSCHRAUB - VERSCHRAUBUNGEN

37°- (JIC) - MALE - STUD

JIC - Männlich
NPT - Männlich

JIC - Male
NPT - Male



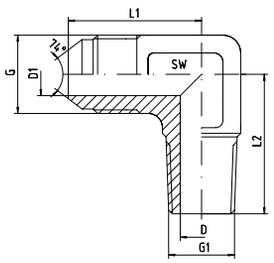
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**mm**	**in.**	**G1 = UNF/UN**	**G = NPT**	**L**	**L1**	**L2**	**D**	**D1**	**SW**	
350	6	1/4“	7/16“-20	1/8“-27	31,0	14,0	10,0	4,0	4,0	12	1252810-04-02
350	6	1/4“	7/16“-20	1/4“-18	36,0	14,0	15,0	4,0	4,0	17	1252810-04-04
350	6	1/4“	7/16“-20	3/8“-18	36,0	14,0	15,3	4,0	9,0	19	1252810-04-06
350	6	1/4“	7/16“-20	1/2“-14	42,0	14,0	20,0	4,0	13,0	22	1252810-04-08
350	8	5/16“	1/2“-20	1/8“-27	30,0	14,0	10,0	4,0	4,0	14	1252810-05-02
350	8	5/16“	1/2“-20	1/4“-18	36,0	14,0	15,0	5,0	5,0	17	1252810-05-04
350	8	5/16“	1/2“-20	3/8“-18	36,0	14,0	15,3	5,0	9,0	19	1252810-05-06
350	8	5/16“	1/2“-20	1/2“-14	42,0	14,0	20,0	5,0	13,0	22	1252810-05-08
350	10	3/8“	9/16“-18	1/8“-27	30,0	14,0	10,0	6,0	4,0	17	1252810-06-02
350	10	3/8“	9/16“-18	1/4“-18	34,0	14,0	15,0	6,0	6,0	17	1252810-06-04
350	10	3/8“	9/16“-18	3/8“-18	34,0	14,0	15,3	6,0	6,0	19	1252810-06-06
350	10	3/8“	9/16“-18	1/2“-14	43,0	14,0	20,0	7,5	13,0	22	1252810-06-08
350	12	1/2“	3/4“-16	1/4“-18	39,0	17,0	15,0	9,0	5,0	19	1252810-08-04
350	12	1/2“	3/4“-16	3/8“-18	39,0	17,0	15,3	9,0	9,0	19	1252810-08-06
350	12	1/2“	3/4“-16	1/2“-14	45,7	17,0	20,0	9,5	9,5	22	1252810-08-08
350	12	1/2“	3/4“-16	3/4“-14	47,2	17,0	20,0	9,5	17,0	27	1252810-08-12
350	14, 15, 16	5/8“	7/8“-14	3/8“-18	42,0	19,5	15,3	12,0	9,0	24	1252810-10-06
350	14, 15, 16	5/8“	7/8“-14	1/2“-14	48,0	19,5	20,0	12,0	12,0	24	1252810-10-08
350	14, 15, 16	5/8“	7/8“-14	3/4“-14	48,2	19,5	20,0	12,0	18,0	27	1252810-10-12
350	18, 20	3/4“	1 1/16“-12	3/8“-18	47,0	22,0	15,3	15,0	9,0	27	1252810-12-06
350	18, 20	3/4“	1 1/16“-12	1/2“-14	52,2	22,0	20,0	15,0	13,5	27	1252810-12-08
350	18, 20	3/4“	1 1/16“-12	3/4“-14	52,3	22,0	20,0	15,0	15,0	27	1252810-12-12
350	18, 20	3/4“	1 1/16“-12	1“-11,5	57,5	22,0	25,0	15,0	21,0	36	1252810-12-16
280	25	1“	1 5/16“-12	1/2“-14	53,2	23,0	20,0	21,0	13,5	36	1252810-16-08
280	25	1“	1 5/16“-12	3/4“-14	53,0	23,0	20,0	21,0	18,0	36	1252810-16-12
280	25	1“	1 5/16“-12	1“-11,5	58,0	23,0	25,0	21,0	21,0	36	1252810-16-16
280	25	1“	1 5/16“-12	1 1/4“-11,5	58,0	23,0	25,5	21,0	31,7	46	1252810-16-20
210	25	1“	1 5/16“-12	1 1/2“-11,5	62,0	23,0	26,0	21,0	32,0	50	1252810-16-24
210	28, 30, 32	1 1/4“	1 5/8“-12	1“-11,5	62,0	24,3	25,0	26,5	21,0	46	1252810-20-16
210	28, 30, 32	1 1/4“	1 5/8“-12	1 1/4“-11,5	62,0	24,3	25,5	26,5	31,7	46	1252810-20-20
210	28, 30, 32	1 1/4“	1 5/8“-12	1 1/2“-11,5	64,8	24,3	26,0	26,5	38,0	50	1252810-20-24
210	35, 38	1 1/2“	1 7/8“-12	1 1/2“-11,5	68,0	27,5	26,0	32,0	32,0	50	1252810-24-24
210	35, 38	1 1/2“	1 7/8“-12	1 1/4“-11,5	66,0	27,5	25,5	31,7	31,7	50	1252810-24-20
150	50	2“	2 1/2“-12	2“-11,5	72,0	33,9	26,0	45,0	45,0	65	1252810-32-32

37°- (JIC) - WINKEL-
EINSCHRAUB - VERSCHRAUBUNGEN

37°- (JIC) - MALE - STUD - ELBOW

Außengewinde-Einschrauber - 90°
JIC - Männlich
Whitworth-Rohrgewinde - Kegelig - Männlich

Male-90°-Elbow
JIC-Male
BSP - Taper - Male



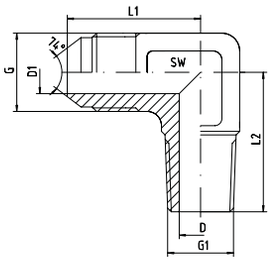
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	mm	in.	G = UNF/UN	G1 = keg.	L1	L2	D	D1	SW	
315	6	1/4“	7/16“-20	1/8“-28	23,0	20,0	5,0	4,0	12	1252520-04-02
315	6	1/4“	7/16“-20	1/4“-19	27,0	28,0	7,0	4,0	14	1252520-04-04
315	6	1/4“	7/16“-20	3/8“-19	27,0	30,0	10,0	4,0	19	1252520-04-06
315	8	5/16“	1/2“-20	1/8“-28	24,0	20,0	5,0	6,0	13	1252520-05-02
315	8	5/16“	1/2“-20	1/4“-19	24,0	28,0	7,0	6,0	14	1252520-05-04
315	8	5/16“	1/2“-20	3/8“-19	28,0	30,0	10,0	6,0	19	1252520-05-06
315	10	3/8“	9/16“-18	1/8“-28						1252520-06-02
315	10	3/8“	9/16“-18	1/4“-19	27,0	28,0	7,0	8,0	14	1252520-06-04
315	10	3/8“	9/16“-18	3/8“-19	29,0	31,0	10,0	8,0	19	1252520-06-06
315	10	3/8“	9/16“-18	1/2“-14	31,0	36,0	13,0	7,5	19	1252520-06-08
315	12	1/2“	3/4“-16	1/4“-19	32,0	31,0	7,0	10,0	19	1252520-08-04
315	12	1/2“	3/4“-16	3/8“-19	32,0	31,0	10,0	10,0	19	1252520-08-06
315	12	1/2“	3/4“-16	1/2“-14	32,0	34,0	14,0	10,0	22	1252520-08-08
315	14, 15, 16	5/8“	7/8“-14	3/8“-19	37,0	33,0	10,0	12,0	22	1252520-10-06
315	14, 15, 16	5/8“	7/8“-14	1/2“-14	37,0	37,0	14,0	12,0	24	1252520-10-08
160	14, 15, 16	5/8“	7/8“-14	3/4“-14	37,5	41,5	15,5	12,5	24	1252520-10-12
315	18, 20	3/4“	1 1/16“-12	1/2“-14	42,0	38,0	14,0	15,5	24	1252520-12-08
160	18, 20	3/4“	1 1/16“-12	3/4“-14	42,0	40,0	18,0	16,0	27	1252520-12-12
160	18, 20	3/4“	1 1/16“-12	1“-11	45,0	46,0	24,0	16,0	36	1252520-12-16
160	25	1“	1 5/16“-12	1/2“-14						1252520-16-08
160	25	1“	1 5/16“-12	3/4“-14	46,0	45,0	18,0	22,0	33	1252520-16-12
160	25	1“	1 5/16“-12	1“-11	46,0	46,0	24,0	21,5	36	1252520-16-16
160	28, 30, 32	1 1/4“	1 5/8“-12	1“-11	52,0	60,0	24,0	28,0	41	1252520-20-16
160	28, 30, 32	1 1/4“	1 5/8“-12	1 1/4“-11	52,0	61,0	32,0	28,0	41	1252520-20-20
140	35, 38	1 1/2“	1 7/8“-12	1 1/4“-11						1252520-24-20
140	35, 38	1 1/2“	1 7/8“-12	1 1/2“-11	64,0	59,0	33,0	33,0	50	1252520-24-24

37°- (JIC) - WINKEL-EINSCHRAUB - VERSCHRAUBUNGEN

37°- (JIC) - MALE - STUD - ELBOW

Außengewinde-Einschrauber - 90°
JIC - Männlich
NPT - Männlich

Male-90°-Elbow
JIC - Male
NPT - Male



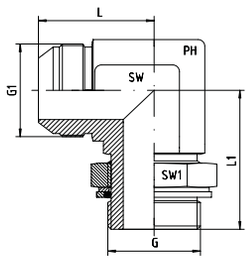
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	mm	in.	G = UNF/UN	G1 = NPT	L1	L2	D	D1	SW	
350	6	1/4“	7/16“-20	1/8“-27	23,0	20,0	4,5	4,0	11	1252517-04-02
350	6	1/4“	7/16“-20	1/4“-18	28,5	26,5	4,5	4,5	14	1252517-04-04
350	6	1/4“	7/16“-20	3/8“-18	29,0	31,0	10,0	4,0	19	1252517-04-06
350	8	5/16“	1/2“-20	1/8“-27	24,0	20,0	4,5	6,0	13	1252517-05-02
350	8	5/16“	1/2“-20	1/4“-18	24,0	28,0	7,0	6,0	14	1252517-05-04
350	8	5/16“	1/2“-20	3/8“-18	29,0	31,0	10,0	6,0	19	1252517-05-06
350	10	3/8“	9/16“-18	1/8“-27	27,0	25,0	4,0	7,5	14	1252517-06-02
350	10	3/8“	9/16“-18	1/4“-18	27,0	25,0	7,5	7,5	14	1252517-06-04
350	10	3/8“	9/16“-18	3/8“-18	27,0	27,0	8,5	7,5	14	1252517-06-06
350	10	3/8“	9/16“-18	1/2“-14	31,0	34,0	13,0	7,5	19	1252517-06-08
350	12	1/2“	3/4“-16	1/4“-18	31,0	29,5	7,0	10,0	19	1252517-08-04
350	12	1/2“	3/4“-16	3/8“-18	31,0	29,5	10,0	10,0	19	1252517-08-06
350	12	1/2“	3/4“-16	1/2“-14	31,0	34,0	10,0	10,0	19	1252517-08-08
350	12	1/2“	3/4“-16	3/4“-14	37,0	41,5	15,5	10,0	24	1252517-08-12
350	14, 15, 16	5/8“	7/8“-14	3/8“-18	37,5	37,0	10,0	12,5	24	1252517-10-06
350	14, 15, 16	5/8“	7/8“-14	1/2“-14	37,5	38,0	14,0	12,5	24	1252517-10-08
280	14, 15, 16	5/8“	7/8“-14	3/4“-14	37,5	41,5	15,5	12,5	24	1252517-10-12
350	18, 20	3/4“	1 1/16“-12	1/2“-14	42,0	38,0	14,0	15,5	24	1252517-12-08
280	18, 20	3/4“	1 1/16“-12	3/4“-14	42,0	41,5	15,5	15,5	24	1252517-12-12
210	18, 20	3/4“	1 1/16“-12	1“-11,5	45,0	46,0	24,0	16,0	36	1252517-12-16
280	25	1“	1 5/16“-12	1/2“-14					33	1252517-16-08
280	25	1“	1 5/16“-12	3/4“-14	46,0	45,0	18,0	21,5	36	1252517-16-12
210	25	1“	1 5/16“-12	1“-11,5	46,0	46,0	23,0	21,5	36	1252517-16-16
210	28, 30, 32	1 1/4“	1 5/8“-12	1“-11,5	52,0	60,0	24,0	28,0	41	1252517-20-16
170	28, 30, 32	1 1/4“	1 5/8“-12	1 1/4“-11,5	52,0	57,0	32,0	28,0	41	1252517-20-20
140	35, 38	1 1/2“	1 7/8“-12	1 1/4“-11,5	59,0	57,0	32,0	33,0	48	1252517-24-20
140	35, 38	1 1/2“	1 7/8“-12	1 1/2“-11,5	64,0	59,0	33,0	33,0	50	1252517-24-24
140	50	2“	2 1/2“-12	2“-11,5	77,5	76,0	45,0	45,0	65	1252517-32-32

37°- (JIC) - EINSTELLBARE - WINKEL-EINSCHRAUB - VERSCHRAUBUNGEN

37°- (JIC) - ADJUSTABLE - MALE - STUD - ELBOW

Einstellbare Winkel-Verschraubungen - 90°
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch gekammerten O-Ring (FPM) - ISO 1179

Adjustable Stud Elbows - 90°
Thread: BSP - Parallel
Sealing by Captive O-ring (FPM) and Washer - ISO 1179



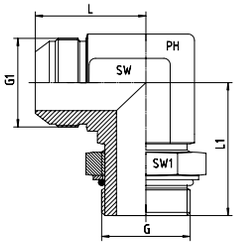
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions				O-Ring O-ring	Bestellzeichen Order-Code
PN	mm	in.	G1 = UNF/UN	G = BSP	L	L1	SW1	SW		
250	6	1/4“	7/16“-20	1/8“	22,6	26,5	14	12	8 x 2,2	1252530-04-02
200	6	1/4“	7/16“-20	1/4“	22,6	32,0	19	14	10,77 x 2,62	1252530-04-04
200	8	5/16“	1/2“-20	1/4“	26,6	32,0	19	14	10,77 x 2,62	1252530-05-04
200	10	3/8“	9/16“-18	1/4“	26,9	32,0	19	14	10,77 x 2,62	1252530-06-04
200	10	3/8“	9/16“-18	3/8“	29,0	37,0	22	19	13,94 x 2,62	1252530-06-06
200	10	3/8“	9/16“-18	1/2“	31,0	43,0	27	19	17,86 x 2,62	1252530-06-08
200	12	1/2“	3/4“-16	3/8“	31,8	37,0	22	19	13,94 x 2,62	1252530-08-06
200	12	1/2“	3/4“-16	1/2“	33,8	43,0	27	19	17,86 x 2,62	1252530-08-08
200	14, 15, 16	5/8“	7/8“-14	1/2“	36,8	43,0	27	24	17,86 x 2,62	1252530-10-08
200	18, 20	3/4“	1 1/16“-12	1/2“	42,2	49,5	27	27	17,86 x 2,62	1252530-12-08
200	18, 20	3/4“	1 1/16“-12	3/4“	42,2	49,5	36	27	23,47 x 2,62	1252530-12-12
200	25	1“	1 5/16“-12	1“	46,0	52,0	41	36	29,74 x 3,53	1252530-16-16
160	28, 30, 32	1 1/4“	1 5/8“-12	1 1/4“	52,3	57,0	50	41	37,69 x 3,53	1252530-20-20
140	35, 38	1 1/2“	1 7/8“-12	1 1/2“	59,2	61,0	55	50	44,04 x 3,53	1252530-24-24

37°- (JIC) - EINSTELLBARE - WINKEL-EINSCHRAUB - VERSCHRAUBUNGEN

37°- (JIC) - ADJUSTABLE - MALE - STUD - ELBOW

JIC - Männlich
Einschraubgewinde: UNF
Abdichtung durch Runddichtung (O-Ring) (FPM)
Achtung: Spezielle Gewindeaussenkung erforderlich.

JIC - Male
Thread: UNF (ASA B 1.1 - 1960)
Sealing by O-ring (FPM) in Thread Undercut
Note: A special part shape must be machined.



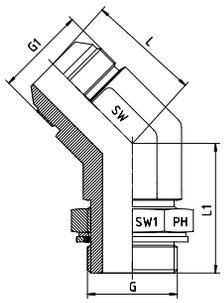
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions				O-Ring O-ring	Bestellzeichen Order-Code
PN	**mm**	**in.**	**G1 = UNF/UN**	**G = UNF/UN**	**L**	**L1**	**SW1**	**SW**		
350	6	1/4“	7/16“-20	7/16“-20	23,0	26,0	14	11	9,17 x 1,83	1252533-04-04
350	8	5/16“	1/2“-20	1/2“-20	24,0	29,0	17	14	10,52 x 1,83	1252533-05-05
350	10	3/8“	9/16“-18	9/16“-18	27,0	32,0	17	14	11,89 x 1,98	1252533-06-06
350	12	1/2“	3/4“-16	3/4“-16	32,0	37,0	22	19	16,36 x 2,21	1252533-08-08
350	12	1/2“	3/4“-16	7/8“-14	37,0	43,0	27	24	19,18 x 2,46	1252533-08-10
350	14, 15, 16	5/8“	7/8“-14	7/8“-14	37,0	43,0	27	22	19,18 x 2,46	1252533-10-10
350	18, 20	3/4“	1 1/16“-12	1 1/16“-12	42,0	49,0	32	27	23,74 x 2,95	1252533-12-12
280	25	1“	1 5/16“-12	1 5/16“-12	46,0	52,0	41	33	29,74 x 2,95	1252533-16-16
210	28, 30, 32	1 1/4“	1 5/8“-12	1 5/8“-12	52,0	57,0	50	41	37,47 x 3,00	1252533-20-20
140	35, 38	1 1/2“	1 7/8“-12	1 7/8“-12	59,0	61,0	55	50	43,69 x 3,00	1252533-24-24

37°- (JIC) - EINSTELLBARE - 45° WINKEL-EINSCHRAUB - VERSCHRAUBUNGEN

37°- (JIC) - ADJUSTABLE - MALE - STUD - 45° ELBOW

Einstellbare Winkel-Verschraubungen - 45°
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch gekammerten O-Ring (FPM) - ISO 1179

Adjustable Stud Elbows - 45°
Thread: BSP - Parallel
Sealing by Captive O-ring (FPM) and Washer - ISO 1179



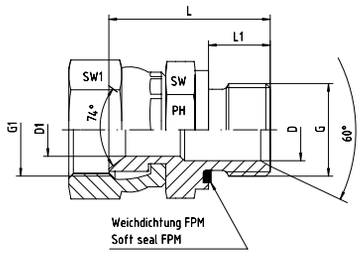
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions				O-Ring O-ring	Bestellzeichen Order-Code
PN	**mm**	**in.**	**G1 = UNF/UN**	**G = BSP**	**L**	**L1**	**SW1**	**SW**		
250	6	1/4“	7/16“-20	1/8“	18,0	27,0	14	14	8 x 2,2	1252534-04-02
200	6	1/4“	7/16“-20	1/4“	21,0	29,0	19	14	10,77 x 2,62	1252534-04-04
200	8	5/16“	1/2“-20	1/8“	20,0	27,0	14	14	8 x 2,2	1252534-05-02
200	8	5/16“	1/2“-20	1/4“	21,0	27,0	19	14	10,77 x 2,62	1252534-05-04
200	10	3/8“	9/16“-18	1/4“	21,0	29,0	19	14	10,77 x 2,62	1252534-06-04
200	10	3/8“	9/16“-18	3/8“	22,0	33,0	22	19	13,94 x 2,62	1252534-06-06
200	10	3/8“	9/16“-18	1/2“	22,0	39,0	27	22	17,86 x 2,62	1252534-06-08
200	12	1/2“	3/4“-16	3/8“	25,0	33,0	22	19	13,94 x 2,62	1252534-08-06
200	12	1/2“	3/4“-16	1/2“	25,0	39,0	27	27	17,86 x 2,62	1252534-08-08
200	14, 15, 16	5/8“	7/8“-14	1/2“	28,0	39,0	27	22	17,86 x 2,62	1252534-10-08
200	18, 20	3/4“	1 1/16“-12	3/4“	33,0	44,0	36	30	23,47 x 2,62	1252534-12-12
200	25	1“	1 5/16“-12	1“	37,5	47,0	41	36	29,74 x 3,53	1252534-16-16

37°- (JIC) - DICHTKEGEL - EINSCHRAUB - VERSCHRAUBUNGEN

37°- (JIC) - SWIVEL - MALE - STUD

BSP - Männlich
Mit gekammerter Weichdichtung
JIC - Weiblich

BSP - Male
With Captive Soft Seal
JIC - Female - Swivel



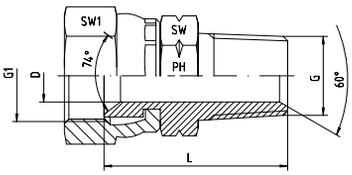
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	mm	in.	G1 = UNF/UN	G = BSP	L	L1	D	D1	SW1	SW	
350	6	1/4“	7/16“-20	1/8“-28	25,0	8,0	4,5	4,5	17	14	2052511-04-02
350	6	1/4“	7/16“-20	1/4“-18	29,0	12,0	4,5	4,5	17	19	2052511-04-04
350	6	1/4“	7/16“-20	3/8“-18	30,5	12,0	7,0	4,5	17	22	2052511-04-06
350	8	5/16“	1/2“-20	1/8“-28	25,0	8,0	4,5	4,5	17	14	2052511-05-02
350	8	5/16“	1/2“-20	1/4“-18	29,5	12,0	5,0	5,0	17	19	2052511-05-04
350	8	5/16“	1/2“-20	3/8“-18	30,5	12,0	7,0	5,0	17	22	2052511-05-06
350	10	3/8“	9/16“-18	1/8“-28	26,0	8,0	4,5	4,5	19	14	2052511-06-02
350	10	3/8“	9/16“-18	1/4“-18	30,0	12,0	6,0	6,0	19	19	2052511-06-04
350	10	3/8“	9/16“-18	3/8“-18	30,0	12,0	7,0	7,0	19	22	2052511-06-06
350	10	3/8“	9/16“-18	1/2“-14	34,0	14,0	12,5	7,0	19	27	2052511-06-08
350	12	1/2“	3/4“-16	1/4“-18	31,0	12,0	6,0	9,0	24	19	2052511-08-04
350	12	1/2“	3/4“-16	3/8“-18	33,5	12,0	9,0	9,0	24	22	2052511-08-06
350	12	1/2“	3/4“-16	1/2“-14	36,0	14,0	10,0	10,0	24	27	2052511-08-08
350	12	1/2“	3/4“-16	3/4“-14	39,0	16,0	15,0	10,0	24	32	2052511-08-12
350	14, 15, 16	5/8“	7/8“-14	3/8“-18	34,0	12,0	9,0	12,5	27	22	2052511-10-06
350	14, 15, 16	5/8“	7/8“-14	1/2“-14	34,0	14,0	12,5	12,5	27	27	2052511-10-08
350	14, 15, 16	5/8“	7/8“-14	5/8“-14	37,5	16,0	14,5	12,0	27	30	2052511-10-10
350	14, 15, 16	5/8“	7/8“-14	3/4“-14	41,0	16,0	15,0	12,5	27	32	2052511-10-12
350	18, 20	3/4“	1 1/16“-12	3/8“-18	34,0	12,0	9,0	9,0	32	27	2052511-12-06
350	18, 20	3/4“	1 1/16“-12	1/2“-14	38,0	14,0	12,5	12,5	32	27	2052511-12-08
350	18, 20	3/4“	1 1/16“-12	3/4“-14	40,0	16,0	15,0	15,0	32	32	2052511-12-12
350	18, 20	3/4“	1 1/16“-12	1“-11	42,5	18,0	21,0	15,0	32	41	2052511-12-16
280	25	1“	1 5/16“-12	1/2“-14	40,5	14,0	12,5	21,0	41	32	2052511-16-08
280	25	1“	1 5/16“-12	3/4“-14	46,5	16,0	15,0	20,0	41	32	2052511-16-12
280	25	1“	1 5/16“-12	1“-11	45,0	18,0	21,0	21,0	41	41	2052511-16-16
210	25	1“	1 5/16“-12	1 1/4“-11	48,0	20,0	29,0	21,0	41	50	2052511-16-20
210	28, 30, 32	1 1/4“	1 5/8“-12	1“-11	50,0	18,0	22,0	22,0	50	41	2052511-20-16
210	28, 30, 32	1 1/4“	1 5/8“-12	1 1/4“-11	53,0	20,0	27,5	27,5	50	50	2052511-20-20
210	35, 38	1 1/2“	1 7/8“-12	1 1/4“-11	55,0	20,0	29,0	29,0	55	50	2052511-24-20
210	35, 38	1 1/2“	1 7/8“-12	1 1/2“-11	59,0	22,0	33,0	33,0	55	55	2052511-24-24

37°- (JIC) - DICHTKEGEL - EINSCHRAUB - VERSCHRAUBUNGEN

37°- (JIC) - SWIVEL - MALE - STUD

JIC - Weiblich - Drehbar
NPT - Männlich

JIC - Female - Swivel
NPT - Female



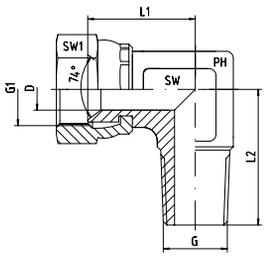
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions				Bestellzeichen Order-Code
PN	**mm**	**in.**	**G1 = UNF/UN**	**G = NPT**	**L**	**D**	**SW1**	**SW**	
350	6	1/4“	7/16“-20	1/8“-27	24,0	4,0	17	12	1252518-04-02
350	6	1/4“	7/16“-20	1/4“-18	30,0	4,0	17	17	1252518-04-04
350	6	1/4“	7/16“-20	3/8“-18	30,0	4,0	17	19	1252518-04-06
350	8	5/16“	1/2“-20	1/8“-27	24,0	4,0	17	12	1252518-05-02
350	8	5/16“	1/2“-20	1/4“-18	30,0	4,0	17	14	1252518-05-04
350	8	5/16“	1/2“-20	3/8“-18	31,0	4,0	17	19	1252518-05-06
350	10	3/8“	9/16“-18	1/8“-27	24,5	4,0	19	14	1252518-06-02
350	10	3/8“	9/16“-18	1/4“-18	30,0	6,0	19	17	1252518-06-04
350	10	3/8“	9/16“-18	3/8“-18	31,5	7,0	19	19	1252518-06-06
350	10	3/8“	9/16“-18	1/2“-14	36,0	7,0	19	22	1252518-06-08
350	12	1/2“	3/4“-16	1/4“-18	32,0	6,0	24	17	1252518-08-04
350	12	1/2“	3/4“-16	3/8“-18	32,5	9,0	24	19	1252518-08-06
350	12	1/2“	3/4“-16	1/2“-14	39,0	9,0	24	22	1252518-08-08
280	12	1/2“	3/4“-16	3/4“-14	40,0	10,0	24	27	1252518-08-12
350	14, 15, 16	5/8“	7/8“-14	3/8“-18	35,0	9,0	27	22	1252518-10-06
350	14, 15, 16	5/8“	7/8“-14	1/2“-14	40,0	12,0	27	22	1252518-10-08
280	14, 15, 16	5/8“	7/8“-14	3/4“-14	41,0	12,5	27	27	1252518-10-12
280	18, 20	3/4“	1 1/16“-12	1/2“-14	41,0	13,5	32	27	1252518-12-08
280	18, 20	3/4“	1 1/16“-12	3/4“-14	41,0	15,0	32	27	1252518-12-12
280	18, 20	3/4“	1 1/16“-12	1“-11,5	46,0	15,0	32	36	1252518-12-16
280	25	1“	1 5/16“-12	1/2“-14					1252518-16-08
280	25	1“	1 5/16“-12	3/4“-14	45,0	18,0	41	32	1252518-16-12
280	25	1“	1 5/16“-12	1“-11,5	48,0	21,0	41	36	1252518-16-16
210	25	1“	1 5/16“-12	1 1/4“-11,5	52,0	21,0	41	46	1252518-16-20
210	28, 30, 32	1 1/4“	1 5/8“-12	1“-11,5	48,5	21,0	50	41	1252518-20-16
210	28, 30, 32	1 1/4“	1 5/8“-12	1 1/4“-11,5	52,0	27,5	50	46	1252518-20-20
210	28, 30, 32	1 1/4“	1 5/8“-12	1 1/2“-11,5			50		1252518-20-24
210	35, 38	1 1/2“	1 7/8“-12	1 1/4“-11,5	54,0	32,0	55	46	1252518-24-20
210	35, 38	1 1/2“	1 7/8“-12	1 1/2“-11,5	54,5	33,0	55	50	1252518-24-24

37°- (JIC) - DICHTKEGEL - WINKEL-EINSCHRAUB - VERSCHRAUBUNGEN

37°- (JIC) - SWIVEL - MALE - STUD - ELBOW

Winkel-Adapter
JIC - Weiblich - Drehbar
NPT - Männlich

90°-Swivel-Male-Elbow
JIC - Female - Swivel
NPT - Male



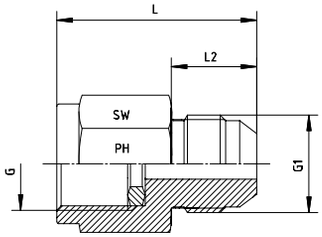
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	mm	in.	G1 = UNF/UN	G = NPT	L1	L2	D	SW1	SW	
350	6	1/4“	7/16“-20	1/8“-27	18,5	20,0	4,5	17	12	1252519-04-02
350	6	1/4“	7/16“-20	1/4“-18	18,5	25,0	4,5	17	14	1252519-04-04
350	6	1/4“	7/16“-20	3/8“-18				17		1252519-04-06
350	8	5/16“	1/2“-20	1/8“-27				17		1252519-05-02
350	8	5/16“	1/2“-20	1/4“-18	18,5	25,0	6,0	17	14	1252519-05-04
350	8	5/16“	1/2“-20	3/8“-18				17		1252519-05-06
350	10	3/8“	9/16“-18	1/4“-18	22,3	25,0	7,5	19	14	1252519-06-04
350	10	3/8“	9/16“-18	3/8“-18	22,3	27,0	7,5	19	14	1252519-06-06
350	10	3/8“	9/16“-18	1/2“-14				19		1252519-06-08
350	12	1/2“	3/4“-16	1/4“-18	24,5	29,5	10,0	24	19	1252519-08-04
350	12	1/2“	3/4“-16	3/8“-18	24,5	29,5	10,0	24	19	1252519-08-06
350	12	1/2“	3/4“-16	1/2“-14	24,5	34,0	10,0	24	19	1252519-08-08
280	12	1/2“	3/4“-16	3/4“-14				24		1252519-08-12
350	14, 15, 16	5/8“	7/8“-14	3/8“-18	29,5	37,0	12,0	27	24	1252519-10-06
350	14, 15, 16	5/8“	7/8“-14	1/2“-14	29,5	38,0	12,0	27	24	1252519-10-08
280	14, 15, 16	5/8“	7/8“-14	3/4“-14	29,5	41,5	12,0	27	24	1252519-10-12
280	18,20	3/4“	1 1/16“-12	1/2“-14	31,0	38,0	15,5	32	24	1252519-12-08
280	18,20	3/4“	1 1/16“-12	3/4“-14	31,0	41,5	15,5	32	24	1252519-12-12
280	18,20	3/4“	1 1/16“-12	1“-11,5				32		1252519-12-16
280	25	1“	1 5/16“-12	3/4“-14	37,0	46,0	21,0	41	36	1252519-16-12
280	25	1“	1 5/16“-12	1“-11,5	37,0	46,0	21,0	41	36	1252519-16-16
210	25	1“	1 5/16“-12	1 1/4“-11,5				41		1252519-16-20
210	28, 30, 32	1 1/4“	1 5/8“-12	1“-11,5				50		1252519-20-16
210	28, 30, 32	1 1/4“	1 5/8“-12	1 1/4“-11,5	42,8	57,0	27,5	50	41	1252519-20-20
210	28, 30, 32	1 1/4“	1 5/8“-12	1 1/2“-11,5				50		1252519-20-24
210	35, 38	1 1/2“	1 7/8“-12	1 1/4“-11,5				55		1252519-24-20
210	35, 38	1 1/2“	1 7/8“-12	1 1/2“-11,5	47,2	63,0	33,0	55	50	1252519-24-24

37°- (JIC) - MANOMETER - VERSCHRAUBUNGEN

37°- (JIC) -PRESSURE - GAUGE - COUPLINGS

Mit JIC-Gewinde und Dichtkantenring - DKRi
Innengwinde: Whitworth-Rohrgewinde - Zylindrisch

With JIC - Male and Metal Sealing Ring - DKRi
Internal Thread: BSP - Female - Parallel



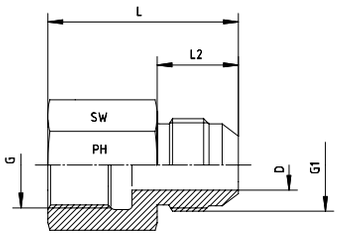
Druck Pressure	**Rohr A.D.** Tube O.D.		**Gewinde** Thread		**Ca. Maße** Approx. Dimensions			**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**mm**	**in.**	**G1 = UNF**	**G = BSP**	**L**	**L2**	**SW**		
350	6	1/4“	7/16“-20	1/4“-19	33,0	14,0	17		1252531-04-04
350	6	1/4“	7/16“-20	1/2“-14	40,0	14,0	27		1252531-04-08
350	8	5/16“	1/2“-20	1/4“-19	33,0	14,0	17		1252531-05-04
350	8	5/16“	1/2“-20	1/2“-14	40,0	14,0	27		1252531-05-08
350	10	3/8“	9/16“-18	1/4“-19	30,0	14,0	17		1252531-06-04
350	10	3/8“	9/16“-18	1/2“-14	40,0	14,0	27		1252531-06-08
350	12	1/2“	3/4“-16	1/4“-19	31,0	17,0	22		1252531-08-04
350	12	1/2“	3/4“-16	1/2“-14	44,0	17,0	27		1252531-08-08

37°- (JIC) - AUFSCHRAUB - VERSCHRAUBUNGEN

37°- (JIC) - FLARE - MALE - FEMALE - ADAPTORS

Mit JIC-Gewinde
Innengewinde: Whitworth-Rohrgewinde - Zylindrisch

JIC - Male
Internal Thread: BSP - Female - Fixed



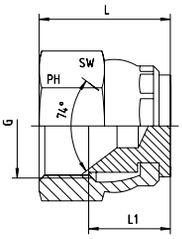
Druck Pressure	**Rohr A.D.** Tube O.D.		**Gewinde** Thread		**Ca. Maße** Approx. Dimensions				**Bestellzeichen** Order-Code
PN	**mm**	**in.**	**G1 = UNF/UN**	**G = BSP**	**L**	**L2**	**D**	**SW**	
350	6	1/4“	7/16“-20	1/8“-28	30,0	14,0	4,5	14	1252532-04-02
350	6	1/4“	7/16“-20	1/4“-19	35,0	14,0	4,5	19	1252532-04-04
350	8	5/16“	1/2“-20	1/8“-28	30,0	14,0	5,0	14	1252532-05-02
350	8	5/16“	1/2“-20	1/4“-19	35,0	14,0	6,0	19	1252532-05-04
350	10	3/8“	9/16“-18	1/4“-19	35,5	14,0	7,5	19	1252532-06-04
350	10	3/8“	9/16“-18	3/8“-19	37,0	14,0	7,5	22	1252532-06-06
350	10	3/8“	9/16“-18	1/2“-14	40,0	14,0	7,5	27	1252532-06-08
350	12	1/2“	3/4“-16	3/8“-19	39,5	17,0	10,0	22	1252532-08-06
350	12	1/2“	3/4“-16	1/2“-14	45,5	17,0	10,0	27	1252532-08-08
350	14, 15, 16	5/8“	7/8“-14	1/2“-14	48,0	19,5	12,5	27	1252532-10-08
315	18, 20	3/4“	1 1/16“-12	3/4“-14	52,0	22,0	15,5	36	1252532-12-12
280	25	1“	1 5/16“-12	1“-11	59,5	23,0	21,5	41	1252532-16-16
210	28, 30, 32	1 1/4“	1 5/8“-12	1 1/4“-11	63,0	24,3	27,5	50	1252532-20-20
140	35, 38	1 1/2“	1 7/8“-12	1 1/2“-11	66,5	27,5	33,0	55	1252532-24-24
140	50	2“	2 1/2“-12	2“-11	72,0	34,0	45,0	70	1252532-32-32

37°- (JIC) - VERSCHLUSSKAPPEN

37°- (JIC) - SWIVEL - FEMALE - CAP

Verschlusskappe
JIC - Weiblich - Drehbare Mutter

Swivel Cap
JIC - Female - Swivel

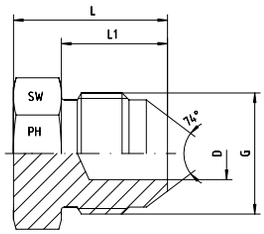


Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**mm**	**in.**	**G**	**L**	**L1**	**SW**		
350	6	1/4“	7/16“-20 UNF	20,0	12	17		5250011-04
350	8	5/16“	1/2“-20 UNF	22,0	12	17		5250011-05
350	10	3/8“	9/16“-18 UNF	23,0	13	19		5250011-06
350	12	1/2“	3/4“-16 UNF	25,5	14	24		5250011-08
350	14, 15, 16	5/8“	7/8“-14 UNF	30,0	18	27		5250011-10
350	18, 20	3/4“	1 1/16“-12 UN	33,0	18	32		5250011-12
280	25	1“	1 5/16“-12 UN	36,0	21	41		5250011-16
210	28, 30, 32	1 1/4“	1 5/8“-12 UN	39,5	22	50		5250011-20
210	35, 38	1 1/2“	1 7/8“-12 UN	44,0	24	55		5250011-24
	50	2“	2 1/2“-12 UN	56,0	32	70		5250011-32

37°- (JIC) - VERSCHLUSSSTOPFEN
37°- (JIC) - PLUG

Verschlussstopfen
Männlich

Coned Plug
Male

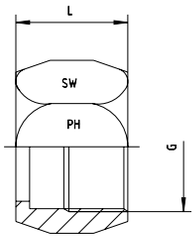


Druck Pressure	**Rohr A.D.** Tube O.D.		**Gewinde** Thread	**Ca. Maße** Approx. Dimensions				**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**mm**	**in.**	**G**	**L**	**L1**	**D**	**SW**		
350	6	1/4“	7/16“-20 UNF	20,5	14,0	4,0	12		5250010-04
350	8	5/16“	1/2“-20 UNF	20,5	14,0	5,0	14		5250010-05
350	10	3/8“	9/16“-18 UNF	22,0	14,0	7,0	17		5250010-06
350	12	1/2“	3/4“-16 UNF	24,0	17,0	9,5	22		5250010-08
350	14, 15, 16	5/8“	7/8“-14 UNF	28,0	19,5	12,0	24		5250010-10
350	18, 20	3/4“	1 1/16“-12 UN	33,0	22,0	15,0	27		5250010-12
280	25	1“	1 5/16“-12 UN	34,0	23,0	21,5	36		5250010-16
210	28, 30, 32	1 1/4“	1 5/8“-12 UN	37,7	24,3	27,5	46		5250010-20
210	35, 38	1 1/2“	1 7/8“-12 UN	42,5	27,5	33,0	50		5250010-24
150	50	2“	2 1/2“-12 UN	52,0	33,9	45,0	65		5250010-32

37°- (JIC) - MUTTERN
37°- (JIC) - NUTS

Für 37°-Bördelverschraubungen
Nach SAE J 514 und ISO 8434 Teil 2

For 37°-Flare Couplings
To SAE J 514 and ISO 8434 Part 2

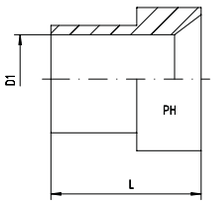


Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
mm	**in.**	**G**	**L**	**SW**		
6	1/4“	7/16“-20 UNF	15,5	14		M-37-06-04
8	5/16“	1/2“-20 UNF	17,0	17		M-37-08-05
10	3/8“	9/16“-18 UNF	18,3	19		M-37-10-06
12	1/2“	3/4“-16 UNF	21,3	22		M-37-12-08
14, 15, 16	5/8“	7/8“-14 UNF	24,6	27		M-37-16-10
18, 20	3/4“	1 1/16“-12 UN	25,9	32		M-37-20-12
25	1“	1 5/16“-12 UN	28,4	41		M-37-25-16
28, 30, 32	1 1/4“	1 5/8“-12 UN	31,0	50		M-37-30-20
35,38	1 1/2“	1 7/8“-12 UN	35,8	60		M-37-38-24
50	2“	2 1/2“-12 UN	44,2	75		M-37-50-32

37°- (JIC) - DRUCKRINGE
37°- (JIC) - SLEEVES

Für 37°-Bördelverschraubungen
Nach SAE J 514 und ISO 8434 Teil 2
Rohr - Metrisch

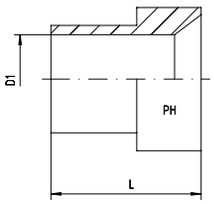
For 37°-Flare Couplings
To SAE J 514 and ISO 8434 Part 2
Tube - Metric



Rohr A.D. Tube O.D.	**Ca. Maße** Approx. Dimensions		**Bemerkungen** Notes	**Bestellzeichen** Order-Code
mm	**D1 + Tol.**	**L**		
6	6	10,4		DR-37-06
8	8	11,2		DR-37-08
10	10	12,7		DR-37-10
12	12	14,2		DR-37-12
14	14	14,0		DR-37-14
15	15	14,0		DR-37-15
16	16	16,8		DR-37-16
18	18	14,5		DR-37-18
20	20	17,3		DR-37-20
25	25	19,8		DR-37-25
28	28	23,0		DR-37-28
30	30	23,1		DR-37-30
32	32	23,0		DR-37-32
35	35	28,4		DR-37-35
38	38	28,4		DR-37-38
50	50	30,2		DR-37-50

Für 37°-Bördelverschraubungen
Nach SAE J 514 und ISO 8434 Teil 2
Rohr - Zöllig

For 37°-Flare Couplings
To SAE J 514 and ISO 8434 Part 2
Tube - Inch



Rohr A.D. Tube O.D.		**Ca. Maße** Approx. Dimensions		**Bemerkungen** Notes	**Bestellzeichen** Order-Code
mm	**in.**	**L**	**D1**		
6,35	1/4“	10,4	6,53		DR-37-1/4“
7,94	5/16“	11,2	8,13		DR-37-5/16“
9,52	3/8“	12,7	9,73		DR-37-3/8“
12,70	1/2“	14,2	12,88		DR-37-1/2“
15,88	5/8“	16,8	16,08		DR-37-5/8“
19,05	3/4“	17,3	19,28		DR-37-3/4“
25,40	1“	19,8	25,6		DR-37-1“
31,75	1 1/4“	23,1	32,05		DR-37-1 1/4“
38,10	1 1/2“	28,4	38,40		DR-37-1 1/2“
50,80	2“	30,2	51,21		DR-37-2“

Bördelanschlussteile für Verschraubungsstutzen mit 24°-Innenkonus

Flare Coupling Parts for Coupling Bodies with 24°-Cone

7

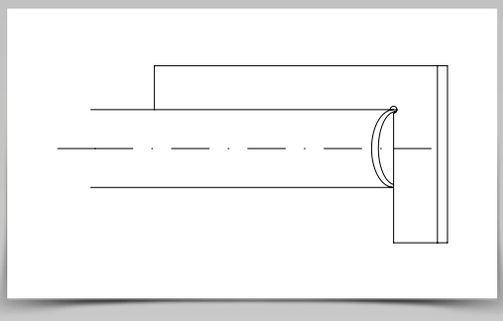
BÖRDELANSCHLUSSTEILE FÜR VERSCHRAUBUNGSSTUTZEN MIT 24°-INNENKONUS

FLARE COUPLING PARTS FOR COUPLING BODIES WITH 24°-CONE

Produktgruppen	Product-Groups	Seite / Page	
Montageanleitung	**Assembly Instruction**	7.2-7.3	
Rohranschlussteile	**Tube - Connecting - Parts**		
Überwurfmuttern	Nuts	7.4	
Druckringe	Flare Sleeves	7.5	
Zwischenringe mit O-Ring	O-ring Adaptors	7.6	
Anschlussteile komplett	Complete Parts	7.7	

1.

Rohr rechtwinklig absägen (keinen Rohrabschneider verwenden).

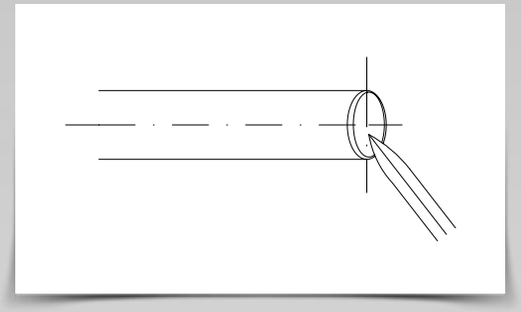


2.

Innen und außen leicht entgraten, nicht anfasen. Rohrende reinigen, da sonst die Dichtfläche des Rohres beim Bördeln beschädigt wird.

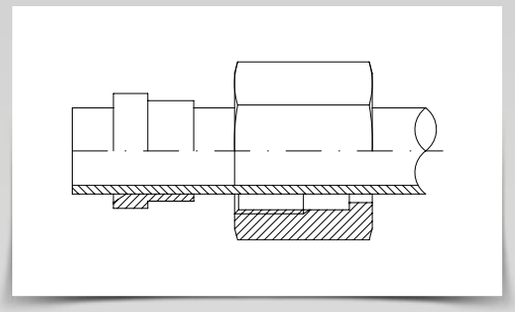
3.

Überwurfmutter und Druckring nach Abbildung auf das Rohr schieben.



4.

Rohr mit Bördelwerkzeug oder Maschine bördeln. Der Bördeldurchmesser DB darf nicht außerhalb der in der Tabelle angegebenen Grenzen liegen.
Der Bördelkegel muss rechtwinklig zur Rohrachse und zentrisch zum Druckring sein, der Innenkegel riefenfrei und sauber.



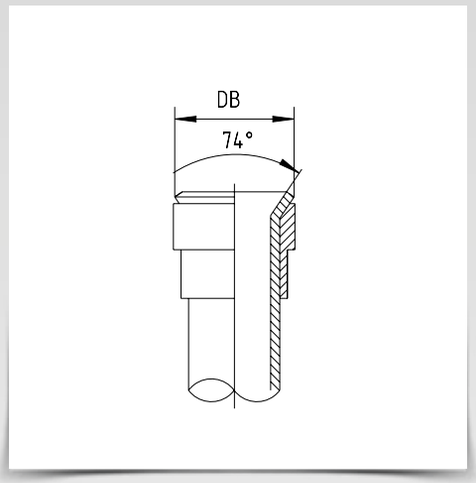
5.

Bei Edelstahl-Verschraubungen müssen die Gewinde geschmiert werden
(wie z.B. Gleitmo 810 oder High Tech Paste ASW 040 P; siehe Kapitel 12).
Es handelt sich hierbei um spezielle Schmierstoffe für Edelstahl-Verschraubungen.

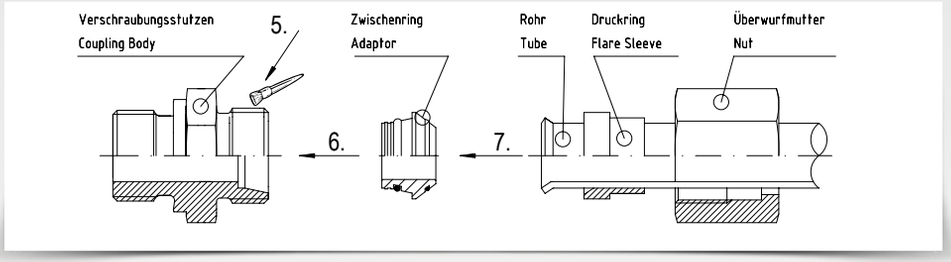
6. / 7.

Zwischenring in Verschraubungsstutzen einpressen und das aufgebördelte Rohr an den Zwischenring andrücken. Überwurfmutter handfest anziehen. Überwurfmutter mit dem Schlüssel anziehen bis der Zwischenring unverlierbar in den Stutzen gepresst ist. Bei Kraft anstieg die Überwurfmutter um ca. 1/4 Umdrehung weiter anziehen.

Nach jedem Lösen der Verbindung ist der Wiederanzug ohne erhöhten Kraftaufwand vorzunehmen.

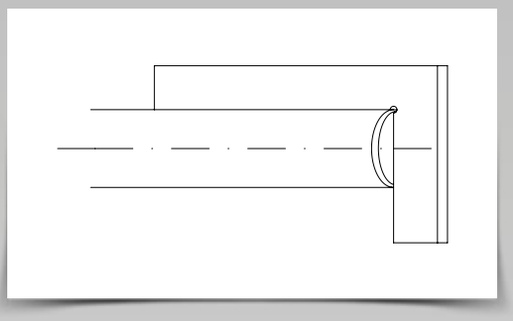


Rohr A.D. / Tube O.D.	6	8	10	12	14	15	16	18
DB min.	9,1	11,3	13,1	15,3	18,6	19,1	20,6	23,2
DB max.	10,0	12,0	14,0	16,0	19,6	20,0	22,0	24,0
Rohr A.D. / Tube O.D.	20	22	25	28	30	35	38	42
DB min.	25,6	26,5	31,1	32,7	37,0	41,8	46,0	48,8
DB max.	26,8	27,5	33,0	33,3	38,7	42,7	47,2	49,8



1.

Cut the tube square (do not use a pipe cutter).

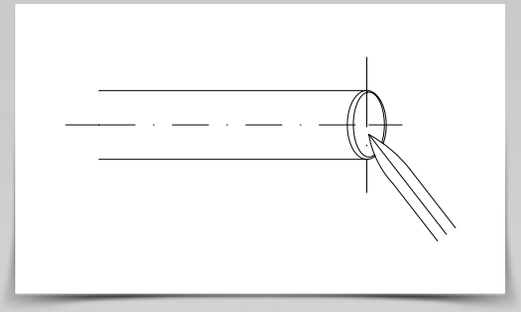


2.

Deburr the pipe inside and outside, do not chamfer. Clean the tube end, otherwise the sealing surface of the tube will be damaged when it is flared.

3.

Slide the nut and the collar over the tube as shown in the illustration.



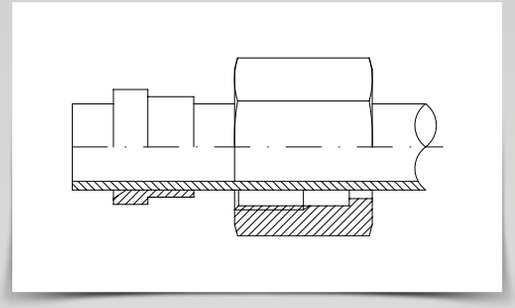
4.

Flare the tube by means of flaring tolls or a flaring machine. The flare diameter DB must not be out of the limits given in the table.
The flare cone must be square to the tubular axle and concentric to the collar. The inner cone must be clean and free of flutes.

5.

Stainless steel fittings must be lubricated at the thread (for example use Gleitmo 810 or High Tech Paste ASW 040 P; see category 12).

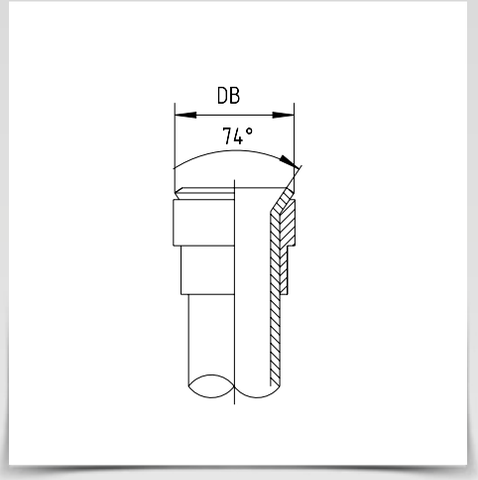
These are special lubricants for stainless steel fittings.



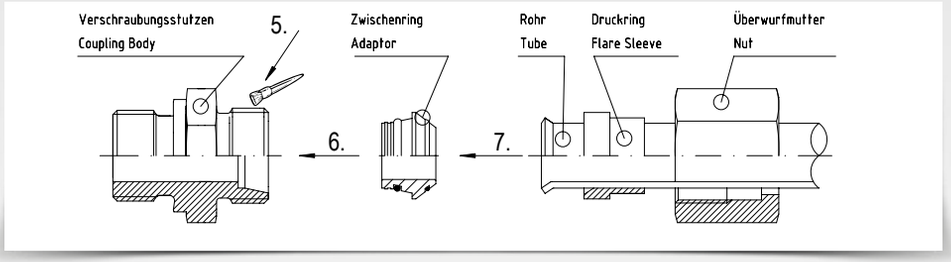
6. / 7.

Press the adaptor into the coupling body and press flared tube onto the adaptor. Screw the nut on by hand. Tighten the nut with a spanner until the adaptor is pressed captively into the coupling body.
When torque must be intensified, tighten the nut approx. 1/4 turn more.

Each time the connection is detached, it must be retightened without any intensified torque.

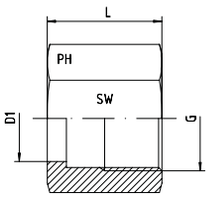


Rohr A.D. / Tube O.D.	6	8	10	12	14	15	16	18
DB min.	9,1	11,3	13,1	15,3	18,6	19,1	20,6	23,2
DB max.	10,0	12,0	14,0	16,0	19,6	20,0	22,0	24,0
Rohr A.D. / Tube O.D.	20	22	25	28	30	35	38	42
DB min.	25,6	26,5	31,1	32,7	37,0	41,8	46,0	48,8
DB max.	26,8	27,5	33,0	33,3	38,7	42,7	47,2	49,8



Überwurfmuttern
Für Bördelverschraubungen 37° und
Verschraubungsstutzen mit 24°-Innenkonus
Bohrungsform W DIN 3861

(1) Bei Inanspruchnahme von 420 bar ist der sonst übliche Sicherheitsfaktor 4 auf 3 zu reduzieren.



Nuts
For Flare Couplings 37° and Coupling Bodies
with 24°-Cone
Type of Port End W DIN 3861

(1) In the 420 bar section, the normal safety factor of 4:1 is reduced to 3:1.

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1 + Tol.	D1	G	L	SW		
500	6,0	8,0	M 12 x 1,5	17,0	14		BM-06-L
500	8,0	9,5	M 14 x 1,5	18,0	17		BM-08-L
500	10,0	11,5	M 16 x 1,5	19,5	19		BM-10-L
400	12,0	14,0	M 18 x 1,5	20,5	22		BM-12-L
400	15,0	17,5	M 22 x 1,5	23,0	27		BM-15-L
400	18,0	21,5	M 26 x 1,5	23,0	32		BM-18-L
315	22,0	24,5	M 30 x 2	27,5	36		BM-22-L
250	28,0	30,5	M 36 x 2	27,5	41		BM-28-L
250	35,0	38,5	M 45 x 2	30,0	50		BM-35-L
250	42,0	45,5	M 52 x 2	34,0	60		BM-42-L

Reihe / Series S

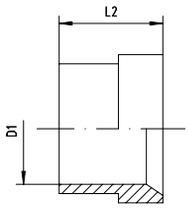
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
PN		D1	G	L	SW		
800	6,0	8,0	M 14 x 1,5	18,0	17		BM-06-S
800	8,0	9,5	M 16 x 1,5	20,0	19		BM-08-S
800	10,0	11,7	M 18 x 1,5	20,5	22		BM-10-S
630	12,0	13,5	M 20 x 1,5	21,0	24		BM-12-S
630	14,0	17,5	M 22 x 1,5	23,0	27		BM-14-S
630	16,0	19,0	M 24 x 1,5	26,5	30		BM-16-S
420	20,0	24,5	M 30 x 2	27,5	36		BM-20-S
420	25,0	28,5	M 36 x 2	30,5	46		BM-25-S
420	30,0	34,5	M 42 x 2	32,0	50		BM-30-S
420 (1)	38,0	42,0	M 52 x 2	38,0	60		BM-38-S

Druckringe
Für Bördelverschraubungen 37° und
Verschraubungsstutzen mit 24°-Innenkonus
Bohrungsform W DIN 3861

(1) Bei Inanspruchnahme von 420 bar ist der sonst übliche Sicherheitsfaktor 4 auf 3 zu reduzieren.

Flare Sleeves
For Flare Couplings 37° and Coupling Bodies
with 24°-Cone
Type of Port End W DIN 3861

(1) In the 420 bar section, the normal safety factor of 4:1 is reduced to 3:1.



Reihe / Series L

Druck Pressure	**Rohr A.D.** Tube O.D.	**Ca. Maße** Approx. Dimensions	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**D1**	**L2**		
500	6	10,5		DR-06-L
500	8	11,0		DR-08-L
500	10	12,5		DR-10-L
400	12	13,0		DR-12-L
400	15	14,0		DR-15-L
400	18	14,5		DR-18-L
315	22	18,0		DR-22-L
250	28	17,0		DR-28-L
250	35	19,0		DR-35-L
250	42	21,0		DR-42-L

Reihe / Series S

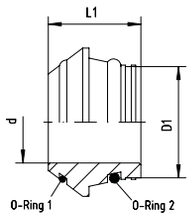
Druck Pressure	**Rohr A.D.** Tube O.D.	**Ca. Maße** Approx. Dimensions	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**D1**	**L2**		
800	6	10,5		DR-06-S
800	8	11,0		DR-08-S
800	10	12,5		DR-10-S
630	12	13,0		DR-12-S
630	14	14,5		DR-14-S
630	16	17,0		DR-16-S
420	20	17,5		DR-20-S
420	25	20,0		DR-25-S
420	30	21,5		DR-30-S
420 (1)	38	26,5		DR-38-S

Zwischenringe mit O-Ring - FPM
NBR - Auf Anfrage
Für Bördelverschraubungen 37° und
Verschraubungsstutzen mit 24°-Innenkonus
Bohrungsform W DIN 3861

(1) Bei Inanspruchnahme von 420 bar ist der sonst übliche Sicherheitsfaktor 4 auf 3 zu reduzieren.

O-ring Adaptors - FPM
NBR - On Request
For Flare Couplings 37° and Coupling Bodies
with 24°-Cone
Type of Port End W DIN 3861

(1) In the 420 bar section, the normal safety factor of 4:1 is reduced to 3:1.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions		O-Ring 1 O-ring 1	O-Ring 2 O-ring 2	Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**d**	**L1**				
500	6	3,0	11,5	4,4 x 0,8	4,5 x 1,5		ZR-06-L
500	8	5,0	12,0	6,0 x 0,8	6,0 x 1,5		ZR-08-L
500	10	6,0	12,5	7,5 x 0,8	8,5 x 1,5		ZR-10-L
400	12	8,0	12,5	9,5 x 0,8	10,0 x 1,5		ZR-12-L
400	15	11,0	12,5	12,5 x 0,8	13,0 x 1,5		ZR-15-L
400	18	14,0	13,0	15,0 x 1,0	15,0 x 2,0		ZR-18-L
315	22	17,0	14,2	18,0 x 1,0	20,0 x 2,0		ZR-22-L
250	28	23,0	14,7	23,0 x 1,0	26,0 x 2,0		ZR-28-L
250	35	28,0	18,5	30,0 x 1,0	32,0 x 2,5		ZR-35-L
250	42	35,0	20,5	37,0 x 1,0	38,0 x 2,5		ZR-42-L

Reihe / Series S

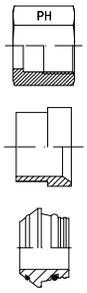
Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions		O-Ring 1 O-ring 1	O-Ring 2 O-ring 2	Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**d**	**L1**				
800	6	3,0	11,5	4,4 x 0,8	4,5 x 1,5		ZR-06-S
800	8	5,0	12,0	6,0 x 0,8	6,0 x 1,5		ZR-08-S
800	10	6,0	12,5	7,5 x 0,8	8,5 x 1,5		ZR-10-S
630	12	8,0	12,5	9,5 x 0,8	10,0 x 1,5		ZR-12-S
630	14	9,0	14,0	11,0 x 1,0	12,0 x 2,0		ZR-14-S
630	16	11,0	15,0	12,5 x 1,0	14,0 x 2,0		ZR-16-S
420	20	14,0	18,5	16,0 x 1,0	17,3 x 2,4		ZR-20-S
420	25	19,0	20,0	20,0 x 1,0	22,3 x 2,4		ZR-25-S
420	30	23,0	22,0	26,0 x 1,2	27,3 x 2,4		ZR-30-S
420(1)	38	30,0	26,0	32,0 x 1,78	35,0 x 2,5		ZR-38-S

Anschlussteile komplett
Für Bördelverschraubungen 37° und
Verschraubungsstutzen mit 24°-Innenkonus
Bohrungsform W DIN 3861

(1) Bei Inanspruchnahme von 420 bar ist der sonst übliche Sicherheitsfaktor 4 auf 3 zu reduzieren.

Complete Parts
For Flare Couplings 37° and Coupling Bodies
with 24°-Cone
Type of Port End W DIN 3861

(1) In the 315 bar section, the normal safety factor of 4:1 is reduced to 3:1.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Bemerkungen Notes	Bestellzeichen Order-Code
PN		**G**		
500	6	M 12 x 1,5		BAN-06-L
500	8	M 14 x 1,5		BAN-08-L
500	10	M 16 x 1,5		BAN-10-L
400	12	M 18 x 1,5		BAN-12-L
400	15	M 22 x 1,5		BAN-15-L
400	18	M 26 x 1,5		BAN-18-L
315	22	M 30 x 2		BAN-22-L
250	28	M 36 x 2		BAN-28-L
250	35	M 45 X 2		BAN-35-L
250	42	M 52 x 2		BAN-42-L

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Bemerkungen Notes	Bestellzeichen Order-Code
PN		**G**		
800	6	M 14 x 1,5		BAN-06-S
800	8	M 16 x 1,5		BAN-08-S
800	10	M 18 x 1,5		BAN-10-S
630	12	M 20 x 1,5		BAN-12-S
630	14	M 22 x 1,5		BAN-14-S
630	16	M 24 x 1,5		BAN-16-S
420	20	M 30 x 2		BAN-20-S
420	25	M 36 x 2		BAN-25-S
420	30	M 42 x 2		BAN-30-S
420 (1)	38	M 52 x 2		BAN-38-S

Schneidringverschraubungen
Cone Sealing Couplings

8

8

SCHNEIDRINGVERSCHRAUBUNGEN NACH DIN 2353 / DIN EN ISO 8434-1

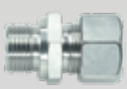
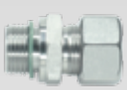
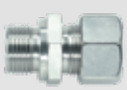
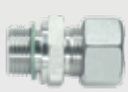
CONE SEALING COUPLINGS TO DIN 2353 / DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page	
GV - Gerade - Verschraubungen	**GV - Straight - Couplings**		
GV - Standard	GV - Standard	8.15	
GV - SC	GV - SC	8.16	
GV - OMD	GV - OMD	8.17	
GRV - Gerade - Reduzier - Verschraubungen LL- und L-Reihe	**GRV - Straight - Reducing - Couplings LL- and L-Series**		
GRV - Standard	GRV - Standard	8.18	
GRV - SC	GRV - SC	8.19	
GRV - OMD	GRV - OMD	8.20	
GRV - Gerade - Reduzier - Verschraubungen S-Reihe	**GRV - Straight - Reducing - Couplings S-Series**		
GRV - Standard	GRV - Standard	8.21	
GRV - SC	GRV - SC	8.22	
GRV - OMD	GRV - OMD	8.23	
WV - Winkel - Verschraubungen	**WV - Equal - Elbows**		
WV - Standard	WV - Standard	8.24	
WV - SC	WV - SC	8.25	
WV - OMD	WV - OMD	8.26	
TV - T - Verschraubungen	**TV - Equal - Tees**		
TV - Standard	TV - Standard	8.27	
TV - SC	TV - SC	8.28	
TV - OMD	TV - OMD	8.29	
TRV - T - Reduzier - Verschraubungen L-Reihe	**TRV - Reducing - Branch - Tee L-Series**		
TRV - Standard	TRV - Standard	8.30	
TRV - SC	TRV - SC	8.32	
TRV - OMD	TRV - OMD	8.34	
TRV - T - Reduzier - Verschraubungen S-Reihe	**TRV - Reducing - Branch - Tee S-Series**		
TRV - Standard	TRV - Standard	8.36	
TRV - SC	TRV - SC	8.37	
TRV - OMD	TRV - OMD	8.38	

Standard = Überwurfmutter blank / Tube nuts are supplied unplated
SC = Überwurfmutter bis Größe 12-S ist gleitbeschichtet / Tube nuts until size 12-L are supplied chemical plated
= Überwurfmutter ab Größe 12-S ist mit versilbertem Gewinde / Tube nuts from size 12-S are supplied with silver plated thread
OMD = Verschraubung ohne Überwurfmutter und Schneidring am Außengewinde / Couplings are supplied without nut and cutting ring at male thread

SCHNEIDRINGVERSCHRAUBUNGEN NACH DIN 2353 / DIN EN ISO 8434-1

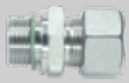
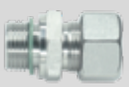
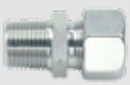
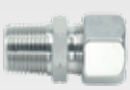
CONE SEALING COUPLINGS TO DIN 2353 / DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page	
KV - Kreuz - Verschraubungen	**KV - Equal - Crosses**		
KV - Standard	KV - Standard	8.39	
KV - SC	KV - SC	8.40	
KV - OMD	KV - OMD	8.41	
GSV - Gerade - Schott - Verschraubungen	**GSV - Bulkhead - Couplings**		
GSV - Standard	GSV - Standard	8.42	
GSV - SC	GSV - SC	8.43	
GSV - OMD	GSV - OMD	8.44	
WSV - Winkel - Schott - Verschraubungen	**WSV - Bulkhead Elbows**		
WSV - Standard	WSV - Standard	8.45	
WSV - SC	WSV - SC	8.46	
WSV - OMD	WSV - OMD	8.47	
GE - Gerade - Einschraub - Verschraubungen Whitworth - Zylindrisch - B - LL- und L-Reihe	**GE - Male - Stud - Couplings BSP - Parallel - B - LL- and L-Series**		
GE - Whitworth - Zylindrisch - B - Standard	GE - BSP - Parallel - B - Standard	8.48	
GE - Whitworth - Zylindrisch - B - SC	GE - BSP - Parallel - B - SC	8.50	
GE - Whitworth - Zylindrisch - B - OMD	GE - BSP - Parallel - B - OMD	8.51	
GE - Gerade - Einschraub - Verschraubungen Whitworth - Zylindrisch - LL- und L-Reihe - wd	**GE - Male - Stud - Couplings BSP - Parallel - LL- and L-Series - wd**		
GE - Whitworth - Zylindrisch - wd - Standard	GE - BSP - Parallel - wd - Standard	8.53	
GE - Whitworth - Zylindrisch - wd - SC	GE - BSP - Parallel - wd - SC	8.55	
GE - Whitworth - Zylindrisch - wd - OMD	GE - Whitworth - Parallel - wd - OMD	8.56	
GE - Gerade - Einschraub - Verschraubungen Whitworth - Zylindrisch - B - S -Reihe	**GE - Male - Stud - Couplings BSP - Parallel - B - S -Series**		
GE - Whitworth - Zylindrisch - B - Standard	GE - BSP - Parallel - B - Standard	8.58	
GE - Whitworth - Zylindrisch - B - SC	GE - BSP - Parallel - B - SC	8.59	
GE - Whitworth - Zylindrisch - B - OMD	GE - BSP - Parallel - B - OMD	8.60	
GE - Gerade - Einschraub - Verschraubungen Whitworth - Zylindrisch - S -Reihe - wd	**GE - Male - Stud - Couplings BSP - Parallel - S -Series - wd**		
GE - Whitworth - Zylindrisch - wd - Standard	GE - BSP - Parallel - wd - Standard	8.61	
GE - Whitworth - Zylindrisch - wd - SC	GE - BSP - Parallel - wd - SC	8.62	
GE - Whitworth - Zylindrisch - wd - OMD	GE - BSP - Parallel - wd - OMD	8.63	

Standard = Überwurfmutter blank / Tube nuts are supplied unplated
SC = Überwurfmutter bis Größe 12-S ist gleitbeschichtet / Tube nuts until size 12-L are supplied chemical plated
= Überwurfmutter ab Größe 12-S ist mit versilbertem Gewinde / Tube nuts from size 12-S are supplied with silver plated thread
OMD = Verschraubung ohne Überwurfmutter und Schneidring am Außengewinde / Couplings are supplied without nut and cutting ring at male thread

SCHNEIDRINGVERSCHRAUBUNGEN NACH DIN 2353 / DIN EN ISO 8434-1

CONE SEALING COUPLINGS TO DIN 2353 / DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page	
GE - Gerade - Einschraub - Verschraubungen Metrisch - Zylindrisch - B - L-Reihe	**GE - Male - Stud - Couplings Metric - Parallel - B - L-Series**		
GE - Metrisch - Zylindrisch - B - Standard	GE - Metric - Parallel - B - Standard	8.64	
GE - Metrisch - Zylindrisch - B - SC	GE - Metric - Parallel - B - SC	8.65	
GE - Metrisch - Zylindrisch - B - OMD	GE - Metric - Parallel - B - OMD	8.66	
GE - Gerade - Einschraub - Verschraubungen Metrisch - Zylindrisch - LL- und L-Reihe - wd	**GE - Male - Stud - Couplings Metric - Parallel - LL- and L-Series - wd**		
GE - Metrisch - Zylindrisch - wd - Standard	GE - Metric - Parallel - wd - Standard	8.67	
GE - Metrisch - Zylindrisch - wd - SC	GE - Metric - Parallel - wd - SC	8.68	
GE - Metrisch - Zylindrisch - wd - OMD	GE - Metric - Parallel - wd - OMD	8.69	
GE - Gerade - Einschraub - Verschraubungen Metrisch - Zylindrisch - B - S-Reihe	**GE - Male - Stud - Couplings Metric - Parallel - B - S-Series**		
GE - Metrisch - Zylindrisch - B - Standard	GE - Metric - Parallel - B - Standard	8.70	
GE - Metrisch - Zylindrisch - B - SC	GE - Metric - Parallel - B _SC	8.71	
GE - Metrisch - Zylindrisch - B - OMD	GE - Metric - Parallel - B - OMD	8.72	
GE - Gerade - Einschraub - Verschraubungen Metrisch - Zylindrisch - S-Reihe - wd	**GE - Male - Stud - Couplings Metric - Parallel - S-Series - wd**		
GE - Metrisch - Zylindrisch - wd - Standard	GE - Metric - Parallel - wd - Standard	8.73	
GE - Metrisch - Zylindrisch - wd - SC	GE - Metric - Parallel - wd - SC	8.74	
GE - Metrisch - Zylindrisch - wd - OMD	GE - Metric - Parallel - wd - OMD	8.75	
GE - Gerade - Einschraub - Verschraubungen Metrisch -ISO 6149 - L und S-Reihe - O-Ring	**GE - Male - Stud - Couplings Metric - ISO 6149 - L- and S-Series - O-ring**		
GE - Metrisch - ISO 6149 - Standard	GE - Metric - ISO 6149 - Standard	8.76	
GE - Metrisch - ISO 6149 - SC	GE - Metric - ISO 6149 - SC	8.77	
GE - Metrisch - ISO 6149 - OMD	GE - Metric - ISO 6149 - OMD	8.78	
GE - Gerade - Einschraub - Verschraubungen NPT - LL- und L-Reihe	**GE - Male - Stud - Couplings NPT - LL- and L-Series**		
GE - NPT - Standard	GE - NPT - Standard	8.79	
GE - NPT - SC	GE - NPT - SC	8.81	
GE - NPT - OMD	GE - NPT - OMD	8.82	
GE - Gerade - Einschraub - Verschraubungen NPT - S-Reihe	**GE - Male - Stud - Couplings NPT - S-Series**		
GE - NPT - Standard	GE - NPT - Standard	8.84	
GE - NPT - SC	GE - NPT - SC	8.85	
GE - NPT - OMD	GE - NPT - OMD	8.86	

Standard = Überwurfmutter blank / Tube nuts are supplied unplated
SC = Überwurfmutter bis Größe 12-S ist gleitbeschichtet / Tube nuts until size 12-L are supplied chemical plated
= Überwurfmutter ab Größe 12-S ist mit versilbertem Gewinde / Tube nuts from size 12-S are supplied with silver plated thread
OMD = Verschraubung ohne Überwurfmutter und Schneidring am Außengewinde / Couplings are supplied without nut and cutting ring at male thread

SCHNEIDRINGVERSCHRAUBUNGEN NACH DIN 2353 / DIN EN ISO 8434-1

CONE SEALING COUPLINGS TO DIN 2353 / DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page	
GE - Gerade - Einschraub - Verschraubungen Whitworth - Kegelig - LL- und L-Reihe	**GE - Male - Stud - Couplings BSP - Taper - LL- and L-Series**		
GE - Whitworth - Kegelig - Standard	GE - BSP - Taper - Standard	8.87	
GE - Whitworth - Kegelig - SC	GE - BSP - Taper - SC	8.88	
GE - Whitworth - Kegelig - OMD	GE - BSP - Taper - OMD	8.89	
GE - Gerade - Einschraub - Verschraubungen Whitworth - Kegelig - S-Reihe	**GE - Male - Stud - Couplings BSP - Taper - S-Series**		
GE - Whitworth - Kegelig - Standard	GE - BSP - Taper -Standard	8.90	
GE - Whitworth - Kegelig - SC	GE - BSP - Taper - SC	8.91	
GE - Whitworth - Kegelig - OMD	GE - BSP - Taper - OMD	8.92	
GE - Gerade - Einschraub - Verschraubungen Metrisch - Kegelig - LL- und L-Reihe	**GE - Male - Stud - Couplings Metric - Taper - LL- and L-Series**		
GE - Metrisch - Kegelig - Standard	GE - Metric - Taper - Standard	8.93	
GE - Metrisch - Kegelig - SC	GE - Metric - Taper - SC	8.94	
GE - Metrisch - Kegelig - OMD	GE - Metric - Taper - OMD	8.95	
GE - Gerade - Einschraub - Verschraubungen UNF - L-Reihe	**GE - Male - Stud - Couplings UNF - L-Series**		
GE - UNF - Standard	GE - UNF - Standard	8.96	
GE - UNF -SC	GE - UNF - SC	8.97	
GE - UNF - OMD	GE - UNF - OMD	8.98	
GE - Gerade - Einschraub - Verschraubungen UNF - S-Reihe	**GE - Male - Stud - Couplings UNF - S-Series**		
GE - UNF - Standard	GE - UNF - Standard	8.99	
GE - UNF - SC	GE - UNF - SC	8.100	
GE - UNF - OMD	GE - UNF - OMD	8.101	
WE - Winkel - Einschraub - Verschraubungen Whitworth - Kegelig - LL- und L-Reihe	**WE - Male - Stud - Elbows BSP - Taper - LL- and L-Series**		
WE - Whitworth - Kegelig - Standard	WE - BSP - Taper - Standard	8.102	
WE - Whitworth - Kegelig - SC	WE - BSP - Taper - SC	8.103	
WE - Whitworth - Kegelig - OMD	WE - BSP - Taper - OMD	8.104	
WE - Winkel - Einschraub - Verschraubungen Whitworth - Kegelig - S-Reihe	**WE - Male - Stud - Elbows BSP - Taper - S-Series**		
WE - Whitworth - Kegelig - Standard	WE - BSP - Taper - Standard	8.105	
WE - Whitworth - Kegelig - SC	WE - BSP - Taper - SC	8.106	
WE - Whitworth - Kegelig - OMD	WE - BSP - Taper - OMD	8.107	

Standard = Überwurfmutter blank / Tube nuts are supplied unplated
SC = Überwurfmutter bis Größe 12-S ist gleitbeschichtet / Tube nuts until size 12-L are supplied chemical plated
= Überwurfmutter ab Größe 12-S ist mit versilbertem Gewinde / Tube nuts from size 12-S are supplied with silver plated thread
OMD = Verschraubung ohne Überwurfmutter und Schneidring am Außengewinde / Couplings are supplied without nut and cutting ring at male thread

SCHNEIDRINGVERSCHRAUBUNGEN NACH DIN 2353 / DIN EN ISO 8434-1

CONE SEALING COUPLINGS TO DIN 2353 / DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page	
WE - Winkel - Einschraub - Verschraubungen Whitworth - Zylindrisch - L- und S-Reihe	**WE - Male - Stud - Elbows BSP - Parallel - L- and S-Series**		
WE - Whitworth - Zylindrisch - Standard	WE - BSP - Parallel - Standard	8.108	
WE - Whitworth - Zylindrisch - SC	WE - BSP - Parallel - SC	8.109	
WE - Whitworth - Zylindrisch - OMD	WE - BSP - Parallel - OMD	8.110	
WE - Winkel - Einschraub - Verschraubungen Metrisch - Kegelig - LL-, L- und S-Reihe	**WE - Male - Stud - Elbows Metric - Taper - LL-, L- and S-Series**		
WE - Metrisch - Kegelig - Standard	WE - Metric - Taper - Standard	8.111	
WE - Metrisch - Kegelig - SC	WE - Metric - Taper - SC	8.112	
WE - Metrisch - Kegelig - OMD	WE - Metric - Taper - OMD	8.113	
WE - Winkel - Einschraub - Verschraubungen Metrisch - Zylindrisch - L- und S-Reihe	**WE - Male - Stud - Elbows Metric - Parallel - L- and S-Series**		
WE - Metrisch - Zylindrisch - Standard	WE - Metric - Parallel - Standard	8.114	
WE - Metrisch - Zylindrisch - SC	WE - Metric - Parallel - SC	8.115	
WE - Metrisch - Zylindrisch - OMD	WE - Metric - Parallel - OMD	8.116	
WE - Winkel - Einschraub - Verschraubungen NPT - LL- und L-Reihe	**WE - Male - Stud - Elbows NPT - LL- and L-Series**		
WE - NPT - Standard	WE - NPT - Standard	8.117	
WE - NPT - SC	WE - NPT - SC	8.118	
WE - NPT - OMD	WE - NPT - OMD	8.119	
WE - Winkel - Einschraub - Verschraubungen NPT - S-Reihe	**WE - Male - Stud - Elbows NPT - S-Series**		
WE - NPT - Standard	WE - NPT - Standard	8.120	
WE - NPT - SC	WE - NPT - SC	8.121	
WE - NPT - OMD	WE - NPT - OMD	8.122	
TE - T - Einschraub - Verschraubungen Whitworth - Kegelig - LL-, L- und S-Reihe	**TE - Male - Stud - Branch - Tee - Couplings BSP - Taper - LL-, L- and S-Series**		
TE - Whitworth - Kegelig - Standard	TE -BSP - Taper - Standard	8.123	
TE -Whitworth - Kegelig - SC	TE -BSP - Taper - SC	8.124	
TE -Whitworth - Kegelig - OMD	TE -BSP - Taper - OMD	8.125	
TE - T - Einschraub - Verschraubungen Whitworth - Zylindrisch - L- und S-Reihe	**TE - Male - Stud - Branch - Tee - Couplings BSP - Parallel - L- and S-Series**		
TE -Whitworth - Zylindrisch - Standard	TE -BSP - Parallel - Standard	8.126	
TE -Whitworth - Zylindrisch - SC	TE -BSP - Parallel - SC	8.127	
TE -Whitworth - Zylindrisch - OMD	TE -BSP - Parallel - OMD	8.128	

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= Überwurfmutter ab Größe 12-S ist mit versilbertem Gewinde / Tube nuts from size 12-S are supplied with silver plated thread
OMD = Verschraubung ohne Überwurfmutter und Schneidring am Außengewinde / Couplings are supplied without nut and cutting ring at male thread

SCHNEIDRINGVERSCHRAUBUNGEN NACH DIN 2353 / DIN EN ISO 8434-1

CONE SEALING COUPLINGS TO DIN 2353 / DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page	
TE - T - Einschraub - Verschraubungen Metrisch - Kegelig - LL, L- und S-Reihe	**TE - Male - Stud - Branch - Tee - Couplings Metric - Taper LL-, L- and S-Series**		
TE -Metrisch - Kegelig - Standard	TE -Metric - Taper - Standard	8.129	
TE -Metrisch - Kegelig - SC	TE -Metric - Taper - SC	8.130	
TE -Metrisch - Kegelig - OMD	TE -Metric - Taper - OMD	8.131	
TE - T - Einschraub - Verschraubungen Metrisch - Zylindrisch - L- und S-Reihe	**TE - Male - Stud - Branch - Tee - Couplings Metric - Parallel - L- and S-Series**		
TE -Metrisch - Zylindrisch - Standard	TE -Metric - Parallel - Standard	8.132	
TE -Metrisch - Zylindrisch - SC	TE -Metric - Parallel - SC	8.133	
TE -Metrisch - Zylindrisch - OMD	TE -Metric - Parallel - OMD	8.134	
TE - T - Einschraub - Verschraubungen NPT - LL-, L- und S-Reihe	**TE - Male - Stud - Branch - Tee - Couplings NPT - LL-, L- and S-Series**		
TE -NPT - Standard	TE -NPT - Standard	8.135	
TE -NPT - SC	TE -NPT - SC	8.136	
TE -NPT - OMD	TE -NPT - OMD	8.137	
LE - L - Einschraub - Verschraubungen Whitworth - Kegelig - LL-, L- und S-Reihe	**LE - Male - Stud - Run - Tee - Couplings BSP - TaperLL-, L- and S-Series**		
LE - Whitworth - Kegelig - Standard	LE - BSP - Taper - Standard	8.138	
LE - Whitworth - Kegelig - SC	LE - BSP - Taper - SC	8.139	
LE - Whitworth - Kegelig - OMD	LE - BSP - Taper - OMD	8.140	
LE - L - Einschraub - Verschraubungen Whitworth - Zylindrisch - L- und S-Reihe	**LE - Male - Stud - Run - Tee - Couplings BSP - Parallel - L- and S-Series**		
LE - Whitworth - Zylindrisch - Standard	LE - BSP - Parallel - Standard	8.141	
LE - Whitworth - Zylindrisch - SC	LE - BSP - Parallel - SC	8.142	
LE - Whitworth - Zylindrisch - OMD	LE - BSP - Parallel - OMD	8.143	
LE - L - Einschraub - Verschraubungen Metrisch - Kegelig - LL-, L- und S-Reihe	**LE - Male - Stud - Run - Tee - Couplings Metric - Taper - LL-, L- and S-Series**		
LE - Metrisch - Kegelig - Standard	LE - Metric - Taper - Standard	8.144	
LE - Metrisch - Kegelig - SC	LE - Metric - Taper - SC	8.145	
LE - Metrisch - Kegelig - OMD	LE - Metric - Taper - OMD	8.146	
LE - L - Einschraub - Verschraubungen Metrisch - Zylindrisch - L- und S-Reihe	**LE - Male - Stud - Run - Tee - Couplings Metric - Parallel - L- and S-Series**		
LE - Metrisch - Zylindrisch - Standard	LE - Metric - Parallel - Standard	8.147	
LE - Metrisch - Zylindrisch - SC	LE - Metric - Parallel - SC	8.148	
LE - Metrisch - Zylindrisch - OMD	LE - Metric - Parallel - OMD	8.149	

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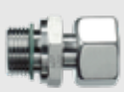
OMD = Verschraubung ohne Überwurfmutter und Schneidring am Außengewinde / Couplings are supplied without nut and cutting ring at male thread

SCHNEIDRINGVERSCHRAUBUNGEN NACH DIN 2353 / DIN EN ISO 8434-1

CONE SEALING COUPLINGS TO DIN 2353 / DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page	
LE - L - Einschraub - Verschraubungen NPT - LL-, L- und S-Reihe	**LE - Male - Stud - Run - Tee - Couplings NPT - LL-, L- and S-Series**		
LE - NPT - Standard	LE - NPT - Standard	8.150	
LE - NPT - SC	LE - NPT - SC	8.151	
LE - NPT - OMD	LE - NPT - OMD	8.152	
EVGE - Gerade - Aufsteckstutzen Whitworth - Zylindrisch - ov	**EVGE - Male - Stud - Standpipe - Connectors BSP - Parallel - ov**		
EVGE - Whitworth - Zylindrisch - ov	BSP - Parallel - ov	8.153	
EVGE - Gerade - Aufsteckstutzen Whitworth - Zylindrisch - Vormontiert	**EVGE - Male - Stud - Standpipe - Connectors BSP - Parallel - Pre-Assembled**		
EVGE - Whitworth - Zylindrisch - Vormontiert - Standard	EVGE -BSP - Parallel - Pre-Assembled - Standard	8.155	
EVGE - Whitworth - Zylindrisch - Vormontiert - SC	EVGE -Whitworth - Parallel - Pre-Assembled - SC	8.157	
EVGE - Gerade - Aufsteckstutzen NPT - ov	**EVGE - Male - Stud - Standpipe - Connectors NPT - ov**		
EVGE -NPT - ov	EVGE -NPT - ov	8.159	
EVGE - Gerade - Aufsteckstutzen NPT - Vormontiert	**EVGE - Male - Stud - Standpipe - Connectors NPT - Pre-Assembled**		
EVGE -NPT - Vormontiert - Standard	EVGE -NPT - Pre-Assembled - Standard	8.160	
EVGE -NPT - Vormontiert - SC	EVGE -NPT - Pre-Assembled - SC	8.161	
EVGE - Gerade - Aufsteckstutzen Metrisch - Zylindrisch - ov	**EVGE - Male - Stud - Standpipe - Connectors Metric - Parallel - ov**		
EVGE -Metrisch - Zylindrisch - ov	EVGE -Metric - Parallel - ov	8.162	
EVGE - Gerade - Aufsteckstutzen Metrisch - Zylindrisch - Vormontiert	**EVGE - Male - Stud - Standpipe - Connectors Metric - Parallel - Pre-Assembled**		
EVGE -Metrisch - Zylindrisch - Vormontiert - Standard	EVGE -Metric - Parallel - Pre-Assembled - Standard	8.163	
EVGE -Metrisch - Zylindrisch - Vormontiert - SC	EVGE -Metric - Parallel - Pre-Assembled - SC	8.164	

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OMD = Verschraubung ohne Überwurfmutter und Schneidring am Außengewinde / Couplings are supplied without nut and cutting ring at male thread

SCHNEIDRINGVERSCHRAUBUNGEN NACH DIN 2353 / DIN EN ISO 8434-1

CONE SEALING COUPLINGS TO DIN 2353 / DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page	
MV - Manometer - Verschraubungen Whitworth - Zylindrisch	**MV - Pressure - Gauge - Couplings BSP - Female - Parallel**		
MV - Whitworth - Zylindrisch - Standard	MV - BSP - Female - Parallel - Standard	8.165	
MV - Whitworth - Zylindrisch - SC	MV - BSP - Female - Parallel - SC	8.166	
MV - Whitworth - Zylindrisch - OMD	MV - BSP - Female - Parallel - OMD	8.167	
MV - Manometer - Verschraubungen NPT	**MV - Pressure - Gauge - Couplings NPT**		
MV - NPT - Standard	MV - NPT - Standard	8.168	
MV - NPT - SC	MV - NPT - SC	8.169	
MV - NPT - OMD	MV - NPT - OMD	8.170	
MV-EV - Einstellbare - Manometer - Verschraubungen Whitworth - Zylindrisch	**MV-EV - Adjustable - Pressure - Gauge - Couplings BSP - Parallel**		
MV-EV - Whitworth - Zylindrisch - Standard	MV-EV - BSP - Female - Parallel - Standard	8.171	
MV-EV - Whitworth - Zylindrisch - SC	MV-EV - BSP - Female - Parallel - SC	8.172	
MV-EV - Whitworth - Zylindrisch - OMD	MV-EV - BSP - Female - Parallel - OMD	8.173	
GAI - Gerade - Aufschraub - Verschraubungen Whitworth - Zylindrisch	**GAI - Female - Stud - Couplings BSP - Parallel**		
GAI - Whitworth - Zylindrisch - Innen - Standard	GAI - BSP - Parallel - Female - Standard	8.174	
GAI - Whitworth - Zylindrisch - Innen - SC	GAI - BSP - Parallel - Female - SC	8.176	
GAI - Whitworth - Zylindrisch - Innen - OMD	GAI - BSP - Parallel - Female - OMD	8.178	
GAI - Gerade - Aufschraub - Verschraubungen Metrisch - Zylindrisch	**GAI - Female - Stud - Couplings Metric - Parallel**		
GAI - Metrisch - Zylindrisch - Innen - Standard	GAI - Metric - Parallel - Female - Standard	8.180	
GAI - Metrisch - Zylindrisch - Innen - SC	GAI - Metric - Parallel - Female - SC	8.181	
GAI - Metrisch - Zylindrisch - Innen - OMD	GAI - Metric - Parallel - Female - OMD	8.182	
GAI - Gerade - Aufschraub - Verschraubungen NPT	**GAI - Female - Stud - Couplings NPT**		
GAI - NPT - Innen - Standard	GAI - NPT - Female - Standard	8.183	
GAI - NPT - Innen - SC	GAI - NPT - Female - SC	8.184	
GAI - NPT - Innen - OMD	GAI - NPT - Female - OMD	8.185	

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OMD = Verschraubung ohne Überwurfmutter und Schneidring am Außengewinde / Couplings are supplied without nut and cutting ring at male thread

SCHNEIDRINGVERSCHRAUBUNGEN NACH DIN 2353 / DIN EN ISO 8434-1

CONE SEALING COUPLINGS TO DIN 2353 / DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page	
WHV - Winkel - Schwenk - Verschraubungen Whitworth - Zylindrisch	**WHV - Banjo - Elbows BSP - Parallel**		
WHV - Whitworth - Zylindrisch - Standard	WHV - BSP - Parallel - Standard	8.186	
WHV - Whitworth - Zylindrisch - SC	WHV - BSP - Parallel - SC	8.187	
WHV - Whitworth - Zylindrisch - OMD	WHV - BSP - Parallel - OMD	8.188	
WHV - Winkel - Schwenk - Verschraubungen Whitworth - Zylindrisch - WDS	**WHV - Banjo - Elbows BSP - Parallel - WDS**		
WHV - Whitworth - Zylindrisch - WDS - Standard	WHV - BSP - Parallel - WDS - Standard	8.189	
WHV - Whitworth - Zylindrisch - WDS - SC	WHV - BSP - Parallel - WDS - SC	8.190	
WHV - Withworth - Zylindrisch - WDS - OMD	WHV - BSP - Parallel - WDS - OMD	8.191	
WHV - Winkel - Schwenk - Verschraubungen Metrisch - Zylindrisch	**WHV - Banjo - Elbows Metric - Parallel**		
WHV - Metrisch - Zylindrisch - Standard	WHV - Metric - Parallel - Standard	8.192	
WHV - Metrisch - Zylindrisch - SC	WHV - Metric - Parallel - SC	8.193	
WHV - Metrisch - Zylindrisch - OMD	WHV - Metric - Parallel - OMD	8.194	
WHV - Winkel - Schwenk - Verschraubungen Metrisch - Zylindrisch - WDS	**WHV - Banjo - Elbows Metric - Parallel - WDS**		
WHV - Metrisch - Zylindrisch - WDS - Standard	WHV - Metric - Parallel - WDS - Standard	8.195	
WHV - Metrisch - Zylindrisch - WDS - SC	WHV - Metric - Parallel - WDS - SC	8.196	
WHV - Metrisch - Zylindrisch - WDS - OMD	WHV - Metric - Parallel - WDS - OMD	8.197	

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SCHNEIDRINGVERSCHRAUBUNGEN NACH DIN 2353 / DIN EN ISO 8434-1

CONE SEALING COUPLINGS TO DIN 2353 / DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page	
THV - T - Schwenk - Verschraubungen Whitworth - Zylindrisch	**THV - Banjo - Tees BSP - Parallel**		
THV - Whitworth - Zylindrisch - Standard	THV - BSP - Parallel - Standard	8.198	
THV - Whitworth - Zylindrisch - SC	THV - BSP - Parallel - SC	8.199	
THV - Whitworth - Zylindrisch - OMD	THV - Metric - Parallel - OMD	8.200	
THV - T - Schwenk - Verschraubungen Whitworth - Zylindrisch - WDS	**THV - Banjo - Tees BSP - Parallel -WDS**		
THV - Whitworth - Zylindrisch - WDS - Standard	THV - BSP - Parallel - WDS - Standard	8.201	
THV - Whitworth - Zylindrisch - WDS - SC	THV - BSP - Parallel - WDS - SC	8.202	
THV - Whitworth - Zylindrisch - WDS - OMD	THV - BSP - Parallel - WDS - OMD	8.203	
THV - T - Schwenk - Verschraubungen Metrisch - Zylindrisch	**THV - Banjo - Tees Metric - Parallel**		
THV - Metrisch - Zylindrisch - Standard	THV - Metric - Parallel - Standard	8.204	
THV - Metrisch - Zylindrisch - SC	THV - Metric - Parallel - SC	8.205	
THV - Metrisch - Zylindrisch - OMD	THV - Metric - Parallel - OMD	8.206	
THV - T - Schwenk - Verschraubungen Metrisch - Zylindrisch - WDS	**THV - Banjo - Tees Metric - Parallel - WDS**		
THV - Metrisch - Zylindrisch - WDS - Standard	THV - Metric - Parallel - WDS - Standard	8.207	
THV - Metrisch - Zylindrisch - WDS - SC	THV - Metric - Parallel - WDS - SC	8.208	
THV - Metrisch - Zylindrisch - WDS - OMD	THV - Metric - Parallel - WDS - OMD	8.209	
WEEV - Einstellbare - Winkel - Einschraub - Verschraubungen	**WEEV - Adjustable - Male - Stud - Elbow - Couplings**		
WEEV - Standard	WEEV - Standard	8.210	
WEEV - SC	WEEV - SC	8.211	
WEEV - OMD	WEEV - OMD	8.212	
EVW - Einstellbare - Winkel - Verschraubungen	**EVW - Adjustable - Elbows**		
EVW -Standard	EVW - Standard	8.213	
EVW - SC	EVW -SC	8.214	
EVW -OMD	EVW -OMD	8.215	

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SCHNEIDRINGVERSCHRAUBUNGEN NACH DIN 2353 / DIN EN ISO 8434-1

CONE SEALING COUPLINGS TO DIN 2353 / DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page
EVW - Whitworth - Zylindrisch -Standard	EVW -BSP - Parallel - Standard	8.216
EVW - Whitworth - Zylindrisch - SC	EVW -BSP - Parallel - SC	8.217
EVW - Whitworth - Zylindrisch - OMD	EVW -BSP - Parallel - OMD	8.218
EVW - Metrisch - Zylindrisch - Standard	EVW -Metric - Parallel - Standard	8.219
EVW - Metrisch - Zylindrisch - SC	EVW -Metric - Parallel - SC	8.220
EVW - Metrisch - Zylindrisch - OMD	EVW -Metric - Parallel - OMD	8.221
EVT - Einstellbare - T - Verschraubungen	**EVT - Adjustable - Branch - Tees**	
EVT - Standard	EVT -Standard	8.222
EVT - SC	EVT -SC	8.223
EVT - OMD	EVT -OMD	8.224
EVT - Whitworth - Zylindrisch - Standard	EVT -BSP - Parallel - Standard	8.225
EVT - Whitworth - Zylindrisch - SC	EVT -BSP - Parallel - SC	8.226
EVT - Whitworth - Zylindrisch - OMD	EVT -BSP - Parallel - OMD	8.227
EVT - Metrisch - Zylindrisch - Standard	EVT -Metric - Parallel - Standard	8.228
EVT - Metrisch - Zylindrisch - SC	EVT -Metric - Parallel - SC	8.229
EVT - Metrisch - Zylindrisch -OMD	EVT -Metric - Parallel - OMD	8.230
EVL - Einstellbare - L - Verschraubungen	**EVL - Adjustable - Run - Tee**	
EVL - Standard	EVL - Standard	8.231
EVL - SC	EVL - SC	8.232
EVL - OMD	EVL - OMD	8.233
EVL - Whitworth - Zylindrisch - Standard	EVL - BSP - Parallel - Standard	8.234
EVL - Whitworth - Zylindrisch - SC	EVL - BSP - Parallel - SC	8.235
EVL - Whitworth - Zylindrisch - OMD	EVL - BSP - Parallel - OMD	8.236
EVL - Metrisch - Zylindrisch - Standard	EVL - Metric - Parallel - Standard	8.237
EVL - Metrisch - Zylindrisch - SC	EVL - Metric - Parallel - SC	8.238
EVL - Metrisch - Zylindrisch - OMD	EVL - Metric - Parallel - OMD	8.239

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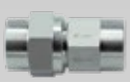
SCHNEIDRINGVERSCHRAUBUNGEN NACH DIN 2353 / DIN EN ISO 8434-1

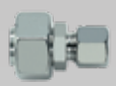
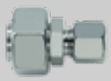
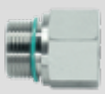
CONE SEALING COUPLINGS TO DIN 2353 / DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page	
Kegel-Rückschlagventile	**Non-Return Valves**		
Beschreibung	Description	8.240-8.241	
Technische Daten / Durchflusswiderstände	Technical Data / Pressure Drop	8.242-8.246	
RD - Rückschlag - Durchgangsventile Schneidringanschluss	**RD - Non - Return - Valves Cutting - Ring - Connection**		
RD -Standard	RD - Standard	8.247	
RD - SC	RD - SC	8.248	
RD - OMD	RD - OMD	8.249	
RD - I - Rückschlag - Durchgangsventile	**RD - I - Non - Return - Valves**		
RD - I - Innengewinde	RD - I - Inside Thread	8.250	
RV - Einschraub - Rückschlagventile Whitworth - Zylindrisch - L- und S-Reihe	**RV - Male - Non - Return - Valves BSP - Parallel - L-Series and S-Series**		
RV - Whitworth - Zylindrisch - Standard	RV - BSP - Parallel - Standard	8.251	
RV - Whitworth - Zylindrisch - SC	RV - BSP - Parallel - SC	8.252	
RV - Whitworth - Zylindrisch - OMD	RV - BSP - Parallel - OMD	8.253	
RV - Einschraub - Rückschlagventile Metrisch - Zylindrisch - L- und S-Reihe	**RV - Male - Non - Return - Valves Metric - Parallel - L-Series and S-Series**		
RV - Metrisch - Zylindrisch - Standard	RV - Metric - Parallel - Standard	8.254	
RV - Metrisch - Zylindrisch - SC	RV - Metric - Parallel - SC	8.255	
RV - Metrisch - Zylindrisch - OMD	RV - Metric - Parallel - OMD	8.256	
RZ - Einschraub - Rückschlagventile Whitworth - Zylindrisch - L- und S-Reihe	**RZ - Male - Non - Return - Valves BSP - Parallel - L-Series and S-Series**		
RZ - Whitworth - Zylindrisch - Standard	RZ - BSP - Parallel - Standard	8.257	
RZ - Whitworth - Zylindrisch - SC	RZ - BSP - Parallel - SC	8.258	
RZ - Whitworth - Zylindrisch - OMD	RZ - BSP - Parallel - OMD	8.259	
RZ - Einschraub - Rückschlagventile Metrisch - Zylindrisch - L- und S-Reihe	**RZ - Male - Non - Return - Valves Metric - Parallel - L-Series and S-Series**		
RZ - Metrisch - Zylindrisch - Standard	RZ - Metric - Parallel - Standard	8.260	
RZ - Metrisch - Zylindrisch - SC	RZ - Metric - Parallel - SC	8.261	
RZ - Metrisch - Zylindrisch - OMD	RZ - Metric - Parallel - OMD	8.262	

Standard = Überwurfmutter blank / Tube nuts are supplied unplated
SC = Überwurfmutter bis Größe 12-S ist gleitbeschichtet / Tube nuts until size 12-L are supplied chemical plated
= Überwurfmutter ab Größe 12-S ist mit versilbertem Gewinde / Tube nuts from size 12-S are supplied with silver plated thread
OMD = Verschraubung ohne Überwurfmutter und Schneidring am Außengewinde / Couplings are supplied without nut and cutting ring at male thread

SCHNEIDRINGVERSCHRAUBUNGEN NACH DIN 2353 / DIN EN ISO 8434-1

CONE SEALING COUPLINGS TO DIN 2353 / DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page	
Konus - Reduzieranschlüsse LL- und L-Reihe	**Adjustable - Standpipe - Reducers LL- und L-Series**		
Standard	Standard	8.263	
SC	SC	8.265	
OMD	OMD	8.266	
Konus - Reduzieranschlüsse S-Reihe	**Adjustable - Standpipe - Reducers S-Series**		
Standard	Standard	8.268	
SC	SC	8.269	
OMD	OMD	8.270	
GRI - Gewinde - Reduzierungen	**GRI - Reducing - Bush**		
GRI - Withworth - Zylindrisch - Form A	GRI - BSP - Parallel - Form A	8.271	
GRI - Withworth - Zylindrisch - Form B	GRI - BSP - Parallel - Form B	8.272	
GRI - Withworth - Zylindrisch - Mit Weichdichtung - Form A	GRI - BSP - Parallel - With Soft Sealing - Form A	8.273	
GRI - Withworth - Zylindrisch - Mit Weichdichtung - Form B	GRI - BSP - Parallel - With Soft Sealing - Form B	8.274	
XROV - Verschlussstücke	**XROV - Blanking - End**		
XROV - Verschlussstücke für Rohrenden	XROV - Blanking Plugs for Tube Ends	8.275	
VKA - Verschlusskegel	**VKA - Blanking - Plugs**		
VKA - Verschlusskegel für Bohrungsform W DIN 3861	VKA - Coupling Plugs for Port End W DIN 3861	8.276	
VST - Verschlussschrauben	**VST - Threaded - Port - Plugs**		
VST - Verschlussschrauben mit Innensechskant	VST - Socket Head Port Plugs with Internal Hex	8.277	

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OMD = Verschraubung ohne Überwurfmutter und Schneidring am Außengewinde / Couplings are supplied without nut and cutting ring at male thread

SCHNEIDRINGVERSCHRAUBUNGEN NACH DIN 2353 / DIN EN ISO 8434-1

CONE SEALING COUPLINGS TO DIN 2353 / DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page	
VST - Verschlussschrauben	**VST - Threaded - Port - Plugs**		
VST - Verschlussschrauben mit Innensechskant - ISO 6149-4	VST - Socket Head Port Plugs with Internal Hex - ISO 6149-4	8.278	
VST - Verschlussschrauben mit Innensechskant - Whitworth - Zylindrisch	VST - Socket Head Port Plugs with Internal Hex - BSP - Parallel	8.279	
VSHÜ - Verstärkungshülsen	**VSHÜ - Tube - Reinforcing - Rings**		
Verstärkungshülsen	Reinforcing Rings	8.280	
GM - Gegenmuttern	**GM - Locknuts**		
Für Schottverschraubungen	For Bulkhead Couplings	8.281	
Überwurfschrauben	**Internal - Coupling - Nuts**		
Überwurfschrauben - DIN 3871	Internal Coupling Nuts - DIN 3871	8.282	
KDR - Kunststoffdichtringe	**KDR - PTFE - Seal - Rings**		
KDR - für Schwenkverschraubungen WHV / THV	KDR - Seal Rings for Banjo Couplings WHV / THV	8.283	
Weichdichtringe	**Soft - Seal - Rings**		
KDW - Weichdichtringe für Einschraubgewinde & Einschraublöcher	KDW - Soft Seal Rings for Port Threads or Spot Faces of Ports	8.284	
WDS - Weichdichtringe für Schwenkverschraubungen WHV / THV	WDS - Soft Seal Rings	8.286	

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SCHNEIDRINGVERSCHRAUBUNGEN NACH DIN 2353 / DIN EN ISO 8434-1

CONE SEALING COUPLINGS TO DIN 2353 / DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page	
WD - Weichdichtringe - WD (FPM) - DIN 3869	WD - Soft Seal Rings - WD (FPM) - DIN 3869	8.287	
DKR - Dichtkantenringe	**DKR - Sealing - Rings**		
DKR - Dichtkantenringe für Außengewinde - WHV / THV	DKR - Seal Edgerings for External Thread - WHV / THV	8.288	
DKRI - Dichtkantenringe	**DKRI - Sealing - Rings**		
DKRi- Dichtkantenringe für Innengewinde	DKRIi - Seal Edgerings for Internal Thread	8.289	
Flanschprofildichtungen	**Profiled - Flange - Sealings**		
Flanschprofildichtungen für SAE J 518 / ISO 6162	Profiled Flange Sealings for SAE J 518 / ISO 6162	8.290	
Zweikanten - Schneidringe	**Double - Bite - Cutting - Rings**		
Zweikanten-Schneidringe	Double-Bite Cutting Rings	8.291	
Zweikanten-Schneidringe - SPH-Ausführung	Double-Bite Cutting Rings - SPH finish	8.292	
ES4 - Zweikanten - Schneidringe mit Weichdichtung	**ES4 - Double - Bite - Cutting - Rings with Soft-Seal**		
ES4-Zweikanten-Schneidringe mit Weichdichtung - FPM	ES4-Double-Bite Cutting Rings with Soft-Seal - FPM	8.293	
Überwurfmuttern	**Nuts**		
Überwurfmuttern für Schneidringanschluss	Nuts for Cutting Ring Connections	8.294	
Überwurfmuttern für Schneidringanschluss - SC	Nuts for Cutting Ring Connections - SC	8.295	

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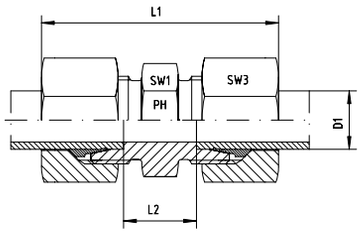


Reihe / Series LL

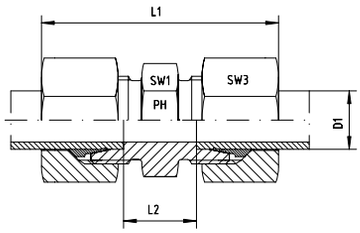
Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L1**	**L2**	**SW1**	**SW3**		
100	4	35,0	12,0	9	10		GV-LL-04
100	6	36,0	9,0	11	12		GV-LL-06
100	8	38,5	12,0	12	14		GV-LL-08
100	12	40,5	11,0	17	19		GV-LL-12

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L1**	**L2**	**SW1**	**SW3**		
500	6	44,0	10,0	12	14		GV-L-06
500	8	45,0	11,0	14	17		GV-L-08
500	10	48,0	13,0	17	19		GV-L-10
400	12	49,0	14,0	19	22		GV-L-12
400	15	54,0	16,0	24	27		GV-L-15
400	18	56,0	16,0	27	32		GV-L-18
250	22	63,0	20,0	32	36		GV-L-22
250	28	65,0	21,0	41	41		GV-L-28
250	35	74,0	20,0	46	50		GV-L-35
250	42	75,0	21,0	55	60		GV-L-42

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L1**	**L2**	**SW1**	**SW3**		
800	6	50,0	16,0	14	17		GV-S-06
800	8	52,0	18,0	17	19		GV-S-08
800	10	54,0	17,0	19	22		GV-S-10
630	12	57,0	19,0	22	24		GV-S-12
630	14	63,0	22,0	24	27		GV-S-14
630	16	65,0	21,0	27	30		GV-S-16
420	20	73,0	23,0	32	36		GV-S-20
420	25	84,0	26,0	41	46		GV-S-25
420	30	88,0	27,0	46	50		GV-S-30
420	38	99,0	29,0	55	60		GV-S-38



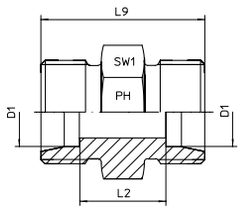
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L1**	**L2**	**SW1**	**SW3**		
500	6	44,0	10,0	12	14		GV-L-06-SC
500	8	45,0	11,0	14	17		GV-L-08-SC
500	10	48,0	13,0	17	19		GV-L-10-SC
400	12	49,0	14,0	19	22		GV-L-12-SC
400	15	54,0	16,0	24	27		GV-L-15-SC
400	18	56,0	16,0	27	32		GV-L-18-SC
250	22	63,0	20,0	32	36		GV-L-22-SC
250	28	65,0	21,0	41	41		GV-L-28-SC
250	35	74,0	20,0	46	50		GV-L-35-SC
250	42	75,0	21,0	55	60		GV-L-42-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L1**	**L2**	**SW1**	**SW3**		
800	6	50,0	16,0	14	17		GV-S-06-SC
800	8	52,0	18,0	17	19		GV-S-08-SC
800	10	54,0	17,0	19	22		GV-S-10-SC
630	12	57,0	19,0	22	24		GV-S-12-SC
630	14	63,0	22,0	24	27		GV-S-14-SC
630	16	65,0	21,0	27	30		GV-S-16-SC
420	20	73,0	23,0	32	36		GV-S-20-SC
420	25	84,0	26,0	41	46		GV-S-25-SC
420	30	88,0	27,0	46	50		GV-S-30-SC
420	38	99,0	29,0	55	60		GV-S-38-SC

GV - GERADE - VERSCHRAUBUNGEN
GV - STRAIGHT - COUPLINGS



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Ga. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L2**	**L9**	**SW1**		
100	4	12,0	20,0	9		GV-LL-04-OMD
100	6	9,0	20,0	11		GV-LL-06-OMD
100	8	12,0	23,0	12		GV-LL-08-OMD
100	12	11,0	23,0	17		GV-LL-12-OMD

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ga. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L2**	**L9**	**SW1**		
500	6	10,0	24,0	12		GV-L-06-OMD
500	8	11,0	25,0	14		GV-L-08-OMD
500	10	13,0	27,0	17		GV-L-10-OMD
400	12	14,0	28,0	19		GV-L-12-OMD
400	15	16,0	30,0	24		GV-L-15-OMD
400	18	16,0	31,0	27		GV-L-18-OMD
250	22	20,0	35,0	32		GV-L-22-OMD
250	28	21,0	36,0	41		GV-L-28-OMD
250	35	20,0	41,0	46		GV-L-35-OMD
250	42	21,0	43,0	55		GV-L-42-OMD

Reihe / Series S

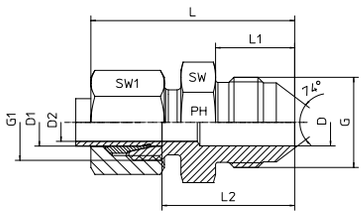
Druck Pressure	Rohr A.D. Tube O.D.	Ga. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L2**	**L9**	**SW1**		
800	6	16,0	30,0	14		GV-S-06-OMD
800	8	18,0	32,0	17		GV-S-08-OMD
800	10	17,0	32,0	19		GV-S-10-OMD
630	12	19,0	34,0	22		GV-S-12-OMD
630	14	22,0	38,0	24		GV-S-14-OMD
630	16	21,0	38,0	27		GV-S-16-OMD
420	20	23,0	44,0	32		GV-S-20-OMD
420	25	26,0	50,0	41		GV-S-25-OMD
420	30	27,0	54,0	46		GV-S-30-OMD
420	38	29,0	61,0	55		GV-S-38-OMD
350	50	34,0	70,0	70		GV-S-50-OMD

GV - GERADE - ADAPTER - 24° - 37°- (JIC)

GV - STRAIGHT - ADAPTOR - 24° - 37°- (JIC)

Gerade Verschraubung 24°- Adapter auf JIC-37° Bördelanschluss
DIN 2353 / ISO 8434-1 auf ISO 8434-2 / SAE J 514
L- und S-Reihe

Straight Couplings 24°- Adaptor to JIC-37°
DIN 2353 / ISO 8434-1 auf ISO 8434-2 / SAE J 514
L- and S-Series



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.			Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	37°JIC		G	G1	D	D2	L	L1	L2	SW	SW1	
500	6	6	1/4"	7/16-20 UNF	M12x1,5	4,0	4,0	37,0	14,0	22,0	12	14	GV-L-06-JIC 7/16-20
500	6	10	3/8"	9/16-18 UNF	M12x1,5	7,5	4,0	38,0	14,1	23,0	17	14	GV-L-06-JIC 9/16-18
500	8	8	5/16"	1/2-20 UNF	M14x1,5	6,0	6,0	37,0	14,0	22,0	14	17	GV-L-08-JIC 1/2-20
500	8	10	3/8"	9/16-18 UNF	M14x1,5	7,5	6,0	37,0	14,1	22,0	17	17	GV-L-08-JIC 9/16-18
500	10	6	1/4"	7/16-20 UNF	M16x1,5	4,4	8,0	38,0	14,0	23,0	17	19	GV-L-10-JIC 7/16-20
500	10	10	3/8"	9/16-18 UNF	M16x1,5	7,5	7,5	39,0	14,1	24,0	17	19	GV-L-10-JIC 9/16-18
500	10	12	1/2"	3/4-16 UNF	M16x1,5	9,9	8,0	43,0	16,7	28,0	22	19	GV-L-10-JIC 3/4-16
400	12	10	3/8"	9/16-18 UNF	M18x1,5	7,5	10,0	39,0	14,1	24,0	19	22	GV-L-12-JIC 9/16-18
400	12	12	1/2"	3/4-16 UNF	M18x1,5	10,0	10,0	43,0	16,7	28,0	22	22	GV-L-12-JIC 3/4-16
400	15	14, 15, 16	5/8"	7/8-14 UNF	M22x1,5	12,0	12,0	48,5	19,3	33,0	24	27	GV-L-15-JIC 7/8-14
400	15	18, 20	3/4"	1 1/16-12 UN	M22x1,5	15,5	12,0	53,5	21,9	38,0	27	27	GV-L-15-JIC 1 1/16-12
400	18	14, 15, 16	5/8"	7/8-14 UNF	M26x1,5	12,3	15,0	49,5	19,3	32,5	27	32	GV-L-18-JIC 7/8-14
400	18	18, 20	3/4"	1 1/16-12 UN	M26x1,5	15,0	15,0	54,5	21,9	37,5	27	32	GV-L-18-JIC 1 1/16-12
250	22	18, 20	3/4"	1 1/16-12 UN	M30x2	15,5	19,0	56,5	21,9	38,5	32	36	GV-L-22-JIC 1 1/16-12
250	22	22, 25	1"	1 5/16-12 UN	M30x2	21,5	19,0	58,5	23,1	40,5	36	36	GV-L-22-JIC 1 5/16-12
250	28	22	1"	1 5/16-12 UN	M36x2	21,5	24,0	58,0	23,1	39,5	41	41	GV-L-28-JIC 1 5/16-12
250	35	18, 20	3/4"	1 1/16-12 UN	M45x2	15,5	30,0	60,0	21,9	37,5	46	50	GV-L-35-JIC 1 1/16-12
250	35	22, 25	1"	1 5/16-12 UN	M45x2	21,5	30,0	61,0	23,1	38,5	46	50	GV-L-35-JIC 1 5/16-12
250	35	28, 30, 32	1 1/4"	1 5/8-12 UN	M45x2	27,5	30,0	64,0	24,3	41,5	46	50	GV-L-35-JIC 1 5/8-12
220	42	35, 38	1 1/2"	1 7/8-12 UN	M52x2	33,5	36,0	67,0	27,5	44,0	55	60	GV-L-42-JIC 1 7/8-12

Reihe / Series S

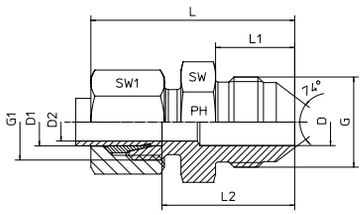
Druck Pressure	Rohr A.D. Tube O.D.			Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	37°JIC		G	G1	D	D2	L	L1	L2	SW	SW1	
550	6	6	1/4"	7/16-20 UNF	M14x1,5	4,0	4,0	39,0	14,0	24,0	14	17	GV-S-06-JIC 7/16-20
550	8	8	5/16"	1/2-20 UNF	M16x1,5	6,0	6,0	39,0	14,0	24,0	17	19	GV-S-08-JIC 1/2-20
500	8	10	3/8"	9/16-18 UNF	M16x1,5	7,5	5,0	42,0	14,1	27,0	17	19	GV-S-08-JIC 9/16-18
500	10	10	3/8"	9/16-18 UNF	M18x1,5	7,0	7,0	42,0	14,1	25,5	19	22	GV-S-10-JIC 9/16-18
500	10	12	1/2"	3/4-16 UNF	M18x1,5	9,9	7,0	44,0	16,7	27,5	22	22	GV-S-10-JIC 3/4-16
500	12	10	3/8"	9/16-18 UNF	M20x1,5	7,5	7,5	42,0	14,1	25,5	22	24	GV-S-12-JIC 9/16-18
500	12	12	1/2"	3/4-16 UNF	M20x1,5	9,9	8,0	46,0	16,7	28,5	22	24	GV-S-12-JIC 3/4-16
450	14	14, 15, 16	5/8"	7/8-14 UNF	M22x1,5	12,3	10,0	52,0	19,3	34,0	24	27	GV-S-14-JIC 7/8-14
450	16	12	1/2"	3/4-16 UNF	M24x1,5	9,9	12,0	51,0	16,7	32,5	27	30	GV-S-16-JIC 3/4-16
450	16	14, 15, 16	5/8"	7/8-14 UNF	M24x1,5	12,0	12,0	52,0	19,3	33,5	27	30	GV-S-16-JIC 7/8-14
420	16	18, 20	3/4"	1 1/16-12 UN	M24x1,5	15,5	12,0	57,0	21,9	38,5	27	30	GV-S-16-JIC 1 1/16-12
420	20	12	1/2"	3/4-16 UNF	M30x2	9,9	16,0	52,0	16,7	29,5	32	36	GV-S-20-JIC 3/4-16
420	20	18, 20	3/4"	1 1/16-12 UN	M30x2	15,5	15,5	60,0	21,9	37,5	32	36	GV-S-20-JIC 1 1/16-12
300	20	22, 25	1"	1 5/16-12 UN	M30x2	21,5	16,0	60,0	23,1	37,5	36	36	GV-S-20-JIC 1 5/16-12
420	25	12	1/2"	3/4-16 UNF	M36x2	9,9	20,0	56,0	16,7	31,0	41	46	GV-S-25-JIC 3/4-16
420	25	18, 20	3/4"	1 1/16-12 UN	M36x2	15,5	20,0	64,0	21,9	39,0	41	46	GV-S-25-JIC 1 1/16-12
300	25	22, 25	1"	1 5/16-12 UN	M36x2	21,5	20,0	64,0	23,1	39,0	41	46	GV-S-25-JIC 1 5/16-12
420	30	18, 20	3/4"	1 1/16-12 UN	M42x2	15,5	25,0	66,2	21,9	38,5	46	50	GV-S-30-JIC 1 1/16-12
300	30	22, 25	1"	1 5/16-12 UN	M42x2	21,5	25,0	68,2	23,1	40,5	46	50	GV-S-30-JIC 1 5/16-12
250	30	28, 30, 32	1 1/4"	1 5/8-12 UN	M42x2	27,5	25,0	70,2	24,3	42,5	46	50	GV-S-30-JIC 1 5/8-12
150	38	35, 38	1 1/2"	1 7/8-12 UN	M52x2	33,5	32,0	76,5	27,5	45,0	55	60	GV-S-38-JIC 1 7/8-12

GV - GERADE - ADAPTER - 24° - 37°- (JIC)

GV - STRAIGHT - ADAPTOR - 24° - 37°- (JIC)

Gerade Verschraubung 24°- Adapter auf JIC-37° Bördelanschluss
DIN 2353 / ISO 8434-1 auf ISO 8434-2 / SAE J 514
L- und S-Reihe

Straight Couplings 24°- Adaptor to JIC-37°
DIN 2353 / ISO 8434-1 auf ISO 8434-2 / SAE J 514
L- and S-Series



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.			Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	37°JIC		G	G1	D	D2	L	L1	L2	SW	SW1	
500	6	6	1/4"	7/16-20 UNF	M12x1,5	4,0	4,0	37,0	14,0	22,0	12	14	GV-L-06-JIC 7/16-20 SC
500	6	10	3/8"	9/16-18 UNF	M12x1,5	7,5	4,0	38,0	14,1	23,0	17	14	GV-L-06-JIC 9/16-18 SC
500	8	8	5/16"	1/2-20 UNF	M14x1,5	6,0	6,0	37,0	14,0	22,0	14	17	GV-L-08-JIC 1/2-20 SC
500	8	10	3/8"	9/16-18 UNF	M14x1,5	7,5	6,0	37,0	14,1	22,0	17	17	GV-L-08-JIC 9/16-18 SC
500	10	6	1/4"	7/16-20 UNF	M16x1,5	4,4	8,0	38,0	14,0	23,0	17	19	GV-L-10-JIC 7/16-20 SC
500	10	10	3/8"	9/16-18 UNF	M16x1,5	7,5	7,5	39,0	14,1	24,0	17	19	GV-L-10-JIC 9/16-18 SC
500	10	12	1/2"	3/4-16 UNF	M16x1,5	9,9	8,0	43,0	16,7	28,0	22	19	GV-L-10-JIC 3/4-16 SC
400	12	10	3/8"	9/16-18 UNF	M18x1,5	7,5	10,0	39,0	14,1	24,0	19	22	GV-L-12-JIC 9/16-18 SC
400	12	12	1/2"	3/4-16 UNF	M18x1,5	10,0	10,0	43,0	16,7	28,0	22	22	GV-L-12-JIC 3/4-16 SC
400	15	14, 15, 16	5/8"	7/8-14 UNF	M22x1,5	12,0	12,0	48,5	19,3	33,0	24	27	GV-L-15-JIC 7/8-14 SC
400	15	18, 20	3/4"	1 1/16-12 UN	M22x1,5	15,5	12,0	53,5	21,9	38,0	27	27	GV-L-15-JIC 1 1/16-12 SC
400	18	14, 15, 16	5/8"	7/8-14 UNF	M26x1,5	12,3	15,0	49,5	19,3	32,5	27	32	GV-L-18-JIC 7/8-14 SC
400	18	18, 20	3/4"	1 1/16-12 UN	M26x1,5	15,0	15,0	54,5	21,9	37,5	27	32	GV-L-18-JIC 1 1/16-12 SC
250	22	18, 20	3/4"	1 1/16-12 UN	M30x2	15,5	19,0	56,5	21,9	38,5	32	36	GV-L-22-JIC 1 1/16-12 SC
250	22	22, 25	1"	1 5/16-12 UN	M30x2	21,5	19,0	58,5	23,1	40,5	36	36	GV-L-22-JIC 1 5/16-12 SC
250	28	22	1"	1 5/16-12 UN	M36x2	21,5	24,0	58,0	23,1	39,5	41	41	GV-L-28-JIC 1 5/16-12 SC
250	35	18, 20	3/4"	1 1/16-12 UN	M45x2	15,5	30,0	60,0	21,9	37,5	46	50	GV-L-35-JIC 1 1/16-12 SC
250	35	22, 25	1"	1 5/16-12 UN	M45x2	21,5	30,0	61,0	23,1	38,5	46	50	GV-L-35-JIC 1 5/16-12 SC
250	35	28, 30, 32	1 1/4"	1 5/8-12 UN	M45x2	27,5	30,0	64,0	24,3	41,5	46	50	GV-L-35-JIC 1 5/8-12 SC
220	42	35, 38	1 1/2"	1 7/8-12 UN	M52x2	33,5	36,0	67,0	27,5	44,0	55	60	GV-L-42-JIC 1 7/8-12 SC

Reihe / Series S

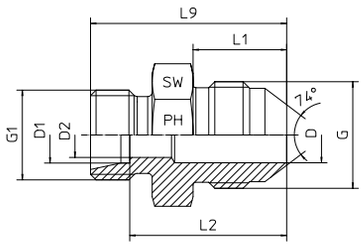
Druck Pressure	Rohr A.D. Tube O.D.			Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	37°JIC		G	G1	D	D2	L	L1	L2	SW	SW1	
550	6	6	1/4"	7/16-20 UNF	M14x1,5	4,0	4,0	39,0	14,0	24,0	14	17	GV-S-06-JIC 7/16-20 SC
550	8	8	5/16"	1/2-20 UNF	M16x1,5	6,0	6,0	39,0	14,0	24,0	17	19	GV-S-08-JIC 1/2-20 SC
500	8	10	3/8"	9/16-18 UNF	M16x1,5	7,5	5,0	42,0	14,1	27,0	17	19	GV-S-08-JIC 9/16-18 SC
500	10	10	3/8"	9/16-18 UNF	M18x1,5	7,0	7,0	42,0	14,1	25,5	19	22	GV-S-10-JIC 9/16-18 SC
500	10	12	1/2"	3/4-16 UNF	M18x1,5	9,9	7,0	44,0	16,7	27,5	22	22	GV-S-10-JIC 3/4-16 SC
500	12	10	3/8"	9/16-18 UNF	M20x1,5	7,5	7,5	42,0	14,1	25,5	22	24	GV-S-12-JIC 9/16-18 SC
500	12	12	1/2"	3/4-16 UNF	M20x1,5	9,9	8,0	46,0	16,7	28,5	22	24	GV-S-12-JIC 3/4-16 SC
450	14	14, 15, 16	5/8"	7/8-14 UNF	M22x1,5	12,3	10,0	52,0	19,3	34,0	24	27	GV-S-14-JIC 7/8-14 SC
450	16	12	1/2"	3/4-16 UNF	M24x1,5	9,9	12,0	51,0	16,7	32,5	27	30	GV-S-16-JIC 3/4-16 SC
450	16	14, 15, 16	5/8"	7/8-14 UNF	M24x1,5	12,0	12,0	52,0	19,3	33,5	27	30	GV-S-16-JIC 7/8-14 SC
420	16	18, 20	3/4"	1 1/16-12 UN	M24x1,5	15,5	12,0	57,0	21,9	38,5	27	30	GV-S-16-JIC 1 1/16-12 SC
420	20	12	1/2"	3/4-16 UNF	M30x2	9,9	16,0	52,0	16,7	29,5	32	36	GV-S-20-JIC 3/4-16 SC
420	20	18, 20	3/4"	1 1/16-12 UN	M30x2	15,5	15,5	60,0	21,9	37,5	32	36	GV-S-20-JIC 1 1/16-12 SC
300	20	22, 25	1"	1 5/16-12 UN	M30x2	21,5	16,0	60,0	23,1	37,5	36	36	GV-S-20-JIC 1 5/16-12 SC
420	25	12	1/2"	3/4-16 UNF	M36x2	9,9	20,0	56,0	16,7	31,0	41	46	GV-S-25-JIC 3/4-16 SC
420	25	18, 20	3/4"	1 1/16-12 UN	M36x2	15,5	20,0	64,0	21,9	39,0	41	46	GV-S-25-JIC 1 1/16-12 SC
300	25	22, 25	1"	1 5/16-12 UN	M36x2	21,5	20,0	64,0	23,1	39,0	41	46	GV-S-25-JIC 1 5/16-12 SC
420	30	18, 20	3/4"	1 1/16-12 UN	M42x2	15,5	25,0	66,2	21,9	38,5	46	50	GV-S-30-JIC 1 1/16-12 SC
300	30	22, 25	1"	1 5/16-12 UN	M42x2	21,5	25,0	68,2	23,1	40,5	46	50	GV-S-30-JIC 1 5/16-12 SC
250	30	28, 30, 32	1 1/4"	1 5/8-12 UN	M42x2	27,5	25,0	70,2	24,3	42,5	46	50	GV-S-30-JIC 1 5/8-12 SC
150	38	35, 38	1 1/2"	1 7/8-12 UN	M52x2	33,5	32,0	76,5	27,5	45,0	55	60	GV-S-38-JIC 1 7/8-12 SC

GV - GERADE - ADAPTER - 24° - 37°- (JIC)

GV - STRAIGHT - ADAPTOR - 24° - 37°- (JIC)

Gerade Verschraubung 24°- Adapter auf JIC-37° Bördelanschluss
DIN 2353 / ISO 8434-1 auf ISO 8434-2 / SAE J 514
L- und S-Reihe

Straight Couplings 24°- Adaptor to JIC-37°
DIN 2353 / ISO 8434-1 auf ISO 8434-2 / SAE J 514
L- and S-Series



Reihe / Series L

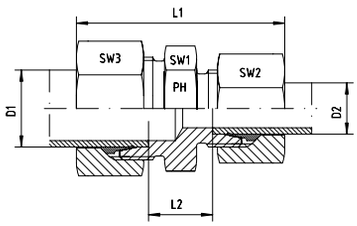
Druck Pressure	Rohr A.D. Tube O.D.			Ca. Maße Approx. Dimensions							Bestellzeichen Order-Code
PN	D1	37°JIC		G	G1	D	D2	L	L1	L9	SW	
500	6	6	1/4"	7/16-20 UNF	M12x1,5	4,0	4,0	37,0	14,0	29,0	12	GV-L-06-JIC 7/16-20 OMD
500	6	10	3/8"	9/16-18 UNF	M12x1,5	7,5	4,0	38,0	14,1	30,0	17	GV-L-06-JIC 9/16-18 OMD
500	8	8	5/16"	1/2-20 UNF	M14x1,5	6,0	6,0	37,0	14,0	29,0	14	GV-L-08-JIC 1/2-20 OMD
500	8	10	3/8"	9/16-18 UNF	M14x1,5	7,5	6,0	37,0	14,1	29,0	17	GV-L-08-JIC 9/16-18 OMD
500	10	6	1/4"	7/16-20 UNF	M16x1,5	4,4	8,0	38,0	14,0	30,0	17	GV-L-10-JIC 7/16-20 OMD
500	10	10	3/8"	9/16-18 UNF	M16x1,5	7,5	7,5	39,0	14,1	31,0	17	GV-L-10-JIC 9/16-18 OMD
500	10	12	1/2"	3/4-16 UNF	M16x1,5	9,9	8,0	43,0	16,7	35,0	22	GV-L-10-JIC 3/4-16 OMD
400	12	10	3/8"	9/16-18 UNF	M18x1,5	7,5	10,0	39,0	14,1	31,0	19	GV-L-12-JIC 9/16-18 OMD
400	12	12	1/2"	3/4-16 UNF	M18x1,5	10,0	10,0	43,0	16,7	35,0	22	GV-L-12-JIC 3/4-16 OMD
400	15	14, 15, 16	5/8"	7/8-14 UNF	M22x1,5	12,0	12,0	48,5	19,3	40,0	24	GV-L-15-JIC 7/8-14 OMD
400	15	18, 20	3/4"	1 1/16-12 UN	M22x1,5	15,5	12,0	53,5	21,9	45,0	27	GV-L-15-JIC 1 1/16-12 OMD
400	18	14, 15, 16	5/8"	7/8-14 UNF	M26x1,5	12,3	15,0	49,5	19,3	40,0	27	GV-L-18-JIC 7/8-14 OMD
400	18	18, 20	3/4"	1 1/16-12 UN	M26x1,5	15,0	15,0	54,5	21,9	45,0	27	GV-L-18-JIC 1 1/16-12 OMD
250	22	18, 20	3/4"	1 1/16-12 UN	M30x2	15,5	19,0	56,5	21,9	46,0	32	GV-L-22-JIC 1 1/16-12 OMD
250	22	22, 25	1"	1 5/16-12 UN	M30x2	21,5	19,0	58,5	23,1	48,0	36	GV-L-22-JIC 1 5/16-12 OMD
250	28	22	1"	1 5/16-12 UN	M36x2	21,5	24,0	58,0	23,1	47,0	41	GV-L-28-JIC 1 5/16-12 OMD
250	35	18, 20	3/4"	1 1/16-12 UN	M45x2	15,5	30,0	60,0	21,9	48,0	46	GV-L-35-JIC 1 1/16-12 OMD
250	35	22, 25	1"	1 5/16-12 UN	M45x2	21,5	30,0	61,0	23,1	49,0	46	GV-L-35-JIC 1 5/16-12 OMD
250	35	28, 30, 32	1 1/4"	1 5/8-12 UN	M45x2	27,5	30,0	64,0	24,3	52,0	46	GV-L-35-JIC 1 5/8-12 OMD
220	42	35, 38	1 1/2"	1 7/8-12 UN	M52x2	33,5	36,0	67,0	27,5	55,0	55	GV-L-42-JIC 1 7/8-12 OMD

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.			Ca. Maße Approx. Dimensions							Bestellzeichen Order-Code
PN	D1	37°JIC		G	G1	D	D2	L	L1	L9	SW	
550	6	6	1/4"	7/16-20 UNF	M14x1,5	4,0	4,0	39,0	14,0	31,0	14	GV-S-06-JIC 7/16-20 OMD
550	8	8	5/16"	1/2-20 UNF	M16x1,5	6,0	6,0	39,0	14,0	31,0	17	GV-S-08-JIC 1/2-20 OMD
500	8	10	3/8"	9/16-18 UNF	M16x1,5	7,5	5,0	42,0	14,1	34,0	17	GV-S-08-JIC 9/16-18 OMD
500	10	10	3/8"	9/16-18 UNF	M18x1,5	7,0	7,0	42,0	14,1	33,0	19	GV-S-10-JIC 9/16-18 OMD
500	10	12	1/2"	3/4-16 UNF	M18x1,5	9,9	7,0	44,0	16,7	35,0	22	GV-S-10-JIC 3/4-16 OMD
500	12	10	3/8"	9/16-18 UNF	M20x1,5	7,5	7,5	42,0	14,1	33,0	22	GV-S-12-JIC 9/16-18 OMD
500	12	12	1/2"	3/4-16 UNF	M20x1,5	9,9	8,0	46,0	16,7	36,0	22	GV-S-12-JIC 3/4-16 OMD
450	14	14, 15, 16	5/8"	7/8-14 UNF	M22x1,5	12,3	10,0	52,0	19,3	42,0	24	GV-S-14-JIC 7/8-14 OMD
450	16	12	1/2"	3/4-16 UNF	M24x1,5	9,9	12,0	51,0	16,7	41,0	27	GV-S-16-JIC 3/4-16 OMD
450	16	14, 15, 16	5/8"	7/8-14 UNF	M24x1,5	12,0	12,0	52,0	19,3	42,0	27	GV-S-16-JIC 7/8-14 OMD
420	16	18, 20	3/4"	1 1/16-12 UN	M24x1,5	15,5	12,0	57,0	21,9	47,0	27	GV-S-16-JIC 1 1/16-12 OMD
420	20	12	1/2"	3/4-16 UNF	M30x2	9,9	16,0	52,0	16,7	40,0	32	GV-S-20-JIC 3/4-16 OMD
420	20	18, 20	3/4"	1 1/16-12 UN	M30x2	15,5	15,5	60,0	21,9	48,0	32	GV-S-20-JIC 1 1/16-12 OMD
300	20	22, 25	1"	1 5/16-12 UN	M30x2	21,5	16,0	60,0	23,1	48,0	36	GV-S-20-JIC 1 5/16-12 OMD
420	25	12	1/2"	3/4-16 UNF	M36x2	9,9	20,0	56,0	16,7	43,0	41	GV-S-25-JIC 3/4-16 OMD
420	25	18, 20	3/4"	1 1/16-12 UN	M36x2	15,5	20,0	64,0	21,9	51,0	41	GV-S-25-JIC 1 1/16-12 OMD
300	25	22, 25	1"	1 5/16-12 UN	M36x2	21,5	20,0	64,0	23,1	51,0	41	GV-S-25-JIC 1 5/16-12 OMD
420	30	18, 20	3/4"	1 1/16-12 UN	M42x2	15,5	25,0	66,2	21,9	52,0	46	GV-S-30-JIC 1 1/16-12 OMD
300	30	22, 25	1"	1 5/16-12 UN	M42x2	21,5	25,0	68,2	23,1	54,0	46	GV-S-30-JIC 1 5/16-12 OMD
250	30	28, 30, 32	1 1/4"	1 5/8-12 UN	M42x2	27,5	25,0	70,2	24,3	56,0	46	GV-S-30-JIC 1 5/8-12 OMD
150	38	35, 38	1 1/2"	1 7/8-12 UN	M52x2	33,5	32,0	76,5	27,5	61,0	55	GV-S-38-JIC 1 7/8-12 OMD

Gerade Reduzier-Verschraubungen
LL- und L-Reihe

Straight Reducer Couplings
LL- and L-Series



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
100	6	4	36,0	10,5	11	10	12		GRV-LL-06/04
100	8	6	38,0	11,0	12	12	14		GRV-LL-08/06

Reihe / Series L

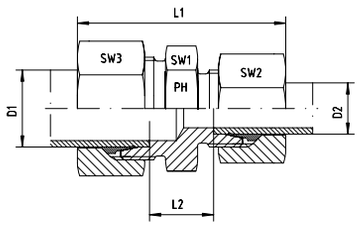
Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
500	8	6	45,5	11,0	14	14	17		GRV-L-08/06
500	10	6	47,0	12,0	17	14	19		GRV-L-10/06
500	10	8	47,0	12,0	17	17	19		GRV-L-10/08
400	12	6	48,0	13,0	19	14	22		GRV-L-12/06
400	12	8	48,0	13,0	19	17	22		GRV-L-12/08
400	12	10	49,5	14,0	19	19	22		GRV-L-12/10
400	15	6	50,5	14,0	24	14	27		GRV-L-15/06
400	15	8	50,5	14,0	24	17	27		GRV-L-15/08
400	15	10	52,0	15,0	24	19	27		GRV-L-15/10
400	15	12	52,0	15,0	24	22	27		GRV-L-15/12
400	18	8	52,0	14,5	27	27	32		GRV-L-18/08
400	18	10	53,5	15,5	27	19	32		GRV-L-18/10
400	18	12	53,5	15,5	27	22	32		GRV-L-18/12
400	18	15	56,5	16,5	27	27	32		GRV-L-18/15
250	22	8	56,5	17,5	32	17	36		GRV-L-22/08
250	22	10	57,0	17,5	32	19	36		GRV-L-22/10
250	22	12	57,0	17,5	32	22	36		GRV-L-22/12
250	22	15	59,0	18,5	32	27	36		GRV-L-22/15
250	22	18	60,0	18,0	32	32	36		GRV-L-22/18
250	28	10	60,0	20,5	41	19	41		GRV-L-28/10
250	28	12	60,0	19,0	41	22	41		GRV-L-28/12
250	28	15	62,5	19,0	41	27	41		GRV-L-28/15
250	28	18	61,0	19,0	41	32	41		GRV-L-28/18
250	28	22	64,0	21,0	41	36	41		GRV-L-28/22
250	35	12	64,0	18,5	46	22	50		GRV-L-35/12
250	35	15	65,0	19,5	46	27	50		GRV-L-35/15
250	35	18	66,5	19,0	46	32	50		GRV-L-35/18
250	35	22	69,5	21,0	46	36	50		GRV-L-35/22
250	35	28	70,5	21,0	46	41	50		GRV-L-35/28
250	42	15	64,0	21,0	55	27	60		GRV-L-42/15
250	42	18		20,5	55	32	60		GRV-L-42/18
250	42	22	70,5	22,5	55	36	60		GRV-L-42/22
250	42	28	71,0	22,5	55	41	60		GRV-L-42/28
250	42	35	75,0	21,5	55	50	60		GRV-L-42/35

GRV - GERADE - REDUZIER - VERSCHRAUBUNGEN

GRV - STRAIGHT - REDUCING - COUPLINGS

Gerade Reduzier-Verschraubungen
L-Reihe

Straight Reducer Couplings
L-Series

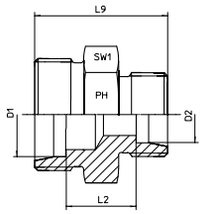


Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
500	8	6	45,5	11,0	14	14	17		GRV-L-08/06-SC
500	10	6	47,0	12,0	17	14	19		GRV-L-10/06-SC
500	10	8	47,0	12,0	17	17	19		GRV-L-10/08-SC
400	12	6	48,0	13,0	19	14	22		GRV-L-12/06-SC
400	12	8	48,0	13,0	19	17	22		GRV-L-12/08-SC
400	12	10	49,5	14,0	19	19	22		GRV-L-12/10-SC
400	15	6	50,5	14,0	24	14	27		GRV-L-15/06-SC
400	15	8	50,5	14,0	24	17	27		GRV-L-15/08-SC
400	15	10	52,0	15,0	24	19	27		GRV-L-15/10-SC
400	15	12	52,0	15,0	24	22	27		GRV-L-15/12-SC
400	18	8	52,0	14,5	27	27	32		GRV-L-18/08-SC
400	18	10	53,5	15,5	27	19	32		GRV-L-18/10-SC
400	18	12	53,5	15,5	27	22	32		GRV-L-18/12-SC
400	18	15	56,5	16,5	27	27	32		GRV-L-18/15-SC
250	22	8	56,5	17,5	32	17	36		GRV-L-22/08-SC
250	22	10	57,0	17,5	32	19	36		GRV-L-22/10-SC
250	22	12	57,0	17,5	32	22	36		GRV-L-22/12-SC
250	22	15	59,0	18,5	32	27	36		GRV-L-22/15-SC
250	22	18	60,0	18,0	32	32	36		GRV-L-22/18-SC
250	28	10	60,0	20,5	41	19	41		GRV-L-28/10-SC
250	28	12	60,0	19,0	41	22	41		GRV-L-28/12-SC
250	28	15	62,5	19,0	41	27	41		GRV-L-28/15-SC
250	28	18	61,0	19,0	41	32	41		GRV-L-28/18-SC
250	28	22	64,0	21,0	41	36	41		GRV-L-28/22-SC
250	35	12	64,0	18,5	46	22	50		GRV-L-35/12-SC
250	35	15	65,0	19,5	46	27	50		GRV-L-35/15-SC
250	35	18	66,5	19,0	46	32	50		GRV-L-35/18-SC
250	35	22	69,5	21,0	46	36	50		GRV-L-35/22-SC
250	35	28	70,5	21,0	46	41	50		GRV-L-35/28-SC
250	42	15	64,0	21,0	55	27	60		GRV-L-42/15-SC
250	42	18		20,5	55	32	60		GRV-L-42/18-SC
250	42	22	70,5	22,5	55	36	60		GRV-L-42/22-SC
250	42	28	71,0	22,5	55	41	60		GRV-L-42/28-SC
250	42	35	75,0	21,5	55	50	60		GRV-L-42/35-SC

Gerade Reduzier-Verschraubungsstutzen
LL- und L-Reihe

Straight Reducer Coupling Bodies
LL- and L-Series



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L2**	**L9**	**SW1**		
100	6	4	10,5	20,0	11,0		GRV-LL-06/04-OMD
100	8	6	11,0	22,0	12,0		GRV-LL-08/06-OMD

Reihe / Series L

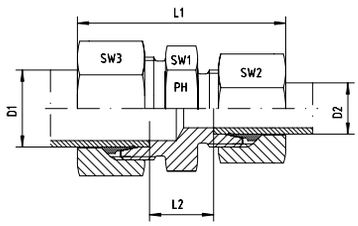
Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L2**	**L9**	**SW1**		
500	8	6	11,0	25,0	14,0		GRV-L-08/06-OMD
500	10	6	12,0	26,0	17,0		GRV-L-10/06-OMD
500	10	8	12,0	26,0	17,0		GRV-L-10/08-OMD
400	12	6	13,0	27,0	19,0		GRV-L-12/06-OMD
400	12	8	13,0	27,0	19,0		GRV-L-12/08-OMD
400	12	10	14,0	28,0	19,0		GRV-L-12/10-OMD
400	15	6	14,0	28,0	24,0		GRV-L-15/06-OMD
400	15	8	14,0	28,0	24,0		GRV-L-15/08-OMD
400	15	10	15,0	29,0	24,0		GRV-L-15/10-OMD
400	15	12	15,0	29,0	24,0		GRV-L-15/12-OMD
400	18	8	14,5	29,0	27,0		GRV-L-18/08-OMD
400	18	10	15,5	30,0	27,0		GRV-L-18/10-OMD
400	18	12	15,5	30,0	27,0		GRV-L-18/12-OMD
400	18	15	16,5	31,0	27,0		GRV-L-18/15-OMD
250	22	8	17,5	32,0	32,0		GRV-L-22/08-OMD
250	22	10	17,5	32,0	32,0		GRV-L-22/10-OMD
250	22	12	17,5	32,0	32,0		GRV-L-22/12-OMD
250	22	15	18,5	33,0	32,0		GRV-L-22/15-OMD
250	22	18	18,0	33,0	32,0		GRV-L-22/18-OMD
250	28	10	20,5	35,0	41,0		GRV-L-28/10-OMD
250	28	12	19,0	35,0	41,0		GRV-L-28/12-OMD
250	28	15	19,0	36,0	41,0		GRV-L-28/15-OMD
250	28	18	19,0	34,0	41,0		GRV-L-28/18-OMD
250	28	22	21,0	36,0	41,0		GRV-L-28/22-OMD
250	35	12	18,5	36,0	46,0		GRV-L-35/12-OMD
250	35	15	19,5	37,0	46,0		GRV-L-35/15-OMD
250	35	18	19,0	37,0	46,0		GRV-L-35/18-OMD
250	35	22	21,0	39,0	46,0		GRV-L-35/22-OMD
250	35	28	21,0	39,0	46,0		GRV-L-35/28-OMD
250	42	15	21,0	39,0	55,0		GRV-L-42/15-OMD
250	42	18	20,5	39,0	55,0		GRV-L-42/18-OMD
250	42	22	22,5	41,0	55,0		GRV-L-42/22-OMD
250	42	28	22,5	41,0	55,0		GRV-L-42/28-OMD
250	42	35	21,5	43,0	55,0		GRV-L-42/35-OMD

GRV - GERADE - REDUZIER - VERSCHRAUBUNGEN

GRV - STRAIGHT - REDUCING - COUPLINGS

Gerade Reduzier-Verschraubungen
S-Reihe

Straight Reducer Couplings
S-Series

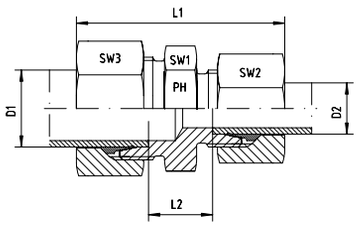


Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
800	8	6	52,5	18,0	17	17	19		GRV-S-08/06
800	10	6	53,5	17,5	19	17	22		GRV-S-10/06
800	10	8	54,0	17,5	19	19	22		GRV-S-10/08
630	12	6	55,5	19,5	22	17	24		GRV-S-12/06
630	12	8	55,5	19,5	22	19	24		GRV-S-12/08
630	12	10	56,5	19,0	22	22	24		GRV-S-12/10
630	14	6			24	17	27		GRV-S-14/06
630	14	8	58,0	20,5	24	19	27		GRV-S-14/08
630	14	10	60,0	20,5	24	22	27		GRV-S-14/10
630	14	12	60,0	20,5	24	24	27		GRV-S-14/12
630	16	6	59,5	20,0	27	17	30		GRV-S-16/06
630	16	8	59,5	20,0	27	19	30		GRV-S-16/08
630	16	10	60,5	20,0	27	22	30		GRV-S-16/10
630	16	12	60,5	20,0	27	24	30		GRV-S-16/12
630	16	14	63,5	21,5	27	27	30		GRV-S-16/14
420	20	6	64,5	23,5	32	17	36		GRV-S-20/06
420	20	8	64,5	21,0	32	19	36		GRV-S-20/08
420	20	10	65,5	22,0	32	22	36		GRV-S-20/10
420	20	12	65,5	22,0	32	24	36		GRV-S-20/12
420	20	14	68,5	23,0	32	27	36		GRV-S-20/14
420	20	16	69,5	23,0	32	30	36		GRV-S-20/16
420	25	6			41	17	46		GRV-S-25/06
420	25	8	71,5	26,5	41	19	46		GRV-S-25/08
420	25	10	72,5	27,5	41	22	46		GRV-S-25/10
420	25	12	72,5	24,0	41	24	46		GRV-S-25/12
420	25	14	74,5	26,5	41	27	46		GRV-S-25/14
420	25	16	74,5	25,5	41	30	46		GRV-S-25/16
420	25	20	79,0	25,5	41	36	46		GRV-S-25/20
420	30	10	74,5	25,0	46	22	50		GRV-S-30/10
420	30	12	74,5	27,0	46	24	50		GRV-S-30/12
420	30	14			46	27	50		GRV-S-30/14
420	30	16	78,5	26,0	46	30	50		GRV-S-30/16
420	30	20	81,5	26,0	46	36	50		GRV-S-30/20
420	30	25	86,0	26,5	46	46	50		GRV-S-30/25
420	38	10	75,5	24,5	55	22	60		GRV-S-38/10
420	38	12			55	24	60		GRV-S-38/12
420	38	14			55	27	60		GRV-S-38/14
420	38	16	85,0	26,0	55	30	60		GRV-S-38/16
420	38	20	88,0	28,0	55	36	60		GRV-S-38/20
420	38	25	94,0	29,0	55	46	60		GRV-S-38/25
420	38	30	95,5	29,5	55	50	60		GRV-S-38/30

Gerade Reduzier-Verschraubungen
S-Reihe

Straight Reducer Couplings
S-Series



Reihe / Series S

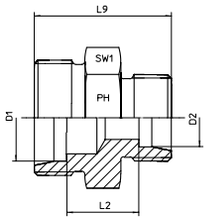
Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
800	8	6	52,5	18,0	17	17	19		GRV-S-08/06-SC
800	10	6	53,5	17,5	19	17	22		GRV-S-10/06-SC
800	10	8	54,0	17,5	19	19	22		GRV-S-10/08-SC
630	12	6	55,5	19,5	22	17	24		GRV-S-12/06-SC
630	12	8	55,5	19,5	22	19	24		GRV-S-12/08-SC
630	12	10	56,5	19,0	22	22	24		GRV-S-12/10-SC
630	14	6			24	17	27		GRV-S-14/06-SC
630	14	8	58,0	20,5	24	19	27		GRV-S-14/08-SC
630	14	10	60,0	20,5	24	22	27		GRV-S-14/10-SC
630	14	12	60,0	20,5	24	24	27		GRV-S-14/12-SC
630	16	6	59,5	20,0	27	17	30		GRV-S-16/06-SC
630	16	8	59,5	20,0	27	19	30		GRV-S-16/08-SC
630	16	10	60,5	20,0	27	22	30		GRV-S-16/10-SC
630	16	12	60,5	20,0	27	24	30		GRV-S-16/12-SC
630	16	14	63,5	21,5	27	27	30		GRV-S-16/14-SC
420	20	6	64,5	23,5	32	17	36		GRV-S-20/06-SC
420	20	8	64,5	21,0	32	19	36		GRV-S-20/08-SC
420	20	10	65,5	22,0	32	22	36		GRV-S-20/10-SC
420	20	12	65,5	22,0	32	24	36		GRV-S-20/12-SC
420	20	14	68,5	23,0	32	27	36		GRV-S-20/14-SC
420	20	16	69,5	23,0	32	30	36		GRV-S-20/16-SC
420	25	6			41	17	46		GRV-S-25/06-SC
420	25	8	71,5	26,5	41	19	46		GRV-S-25/08-SC
420	25	10	72,5	27,5	41	22	46		GRV-S-25/10-SC
420	25	12	72,5	24,0	41	24	46		GRV-S-25/12-SC
420	25	14	74,5	26,5	41	27	46		GRV-S-25/14-SC
420	25	16	74,5	25,5	41	30	46		GRV-S-25/16-SC
420	25	20	79,0	25,5	41	36	46		GRV-S-25/20-SC
420	30	10	74,5	25,0	46	22	50		GRV-S-30/10-SC
420	30	12	74,5	27,0	46	24	50		GRV-S-30/12-SC
420	30	14			46	27	50		GRV-S-30/14-SC
420	30	16	78,5	26,0	46	30	50		GRV-S-30/16-SC
420	30	20	81,5	26,0	46	36	50		GRV-S-30/20-SC
420	30	25	86,0	26,5	46	46	50		GRV-S-30/25-SC
420	38	10	75,5	24,5	55	22	60		GRV-S-38/10-SC
420	38	12			55	24	60		GRV-S-38/12-SC
420	38	14			55	27	60		GRV-S-38/14-SC
420	38	16	85,0	26,0	55	30	60		GRV-S-38/16-SC
420	38	20	88,0	28,0	55	36	60		GRV-S-38/20-SC
420	38	25	94,0	29,0	55	46	60		GRV-S-38/25-SC
420	38	30	95,5	29,5	55	50	60		GRV-S-38/30-SC

GRV - GERADE - REDUZIER - VERSCHRAUBUNGEN

GRV - STRAIGHT - REDUCING - COUPLINGS

Gerade Reduzier-Verschraubungsstutzen
S-Reihe

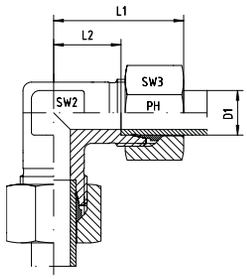
Straight Reducer Coupling Bodies
S-Series



Reihe / Series S

Druck Pressure	**Rohr A.D.** Tube O.D.					**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**D1**	**D2**	**L2**	**L9**	**SW1**		
800	8	6	18,0	32,0	17,0		GRV-S-08/06-OMD
800	10	6	17,5	32,0	19,0		GRV-S-10/06-OMD
800	10	8	17,5	32,0	19,0		GRV-S-10/08-OMD
630	12	6	19,5	34,0	22,0		GRV-S-12/06-OMD
630	12	8	19,5	34,0	22,0		GRV-S-12/08-OMD
630	12	10	19,0	34,0	22,0		GRV-S-12/10-OMD
630	14	6			24,0		GRV-S-14/06-OMD
630	14	8	20,5	35,0	24,0		GRV-S-14/08-OMD
630	14	10	20,5	36,0	24,0		GRV-S-14/10-OMD
630	14	12	20,5	36,0	24,0		GRV-S-14/12-OMD
630	16	6	20,0	36,0	27,0		GRV-S-16/06-OMD
630	16	8	20,0	36,0	27,0		GRV-S-16/08-OMD
630	16	10	20,0	36,0	27,0		GRV-S-16/10-OMD
630	16	12	20,0	36,0	27,0		GRV-S-16/12-OMD
630	16	14	21,5	38,0	27,0		GRV-S-16/14-OMD
420	20	6	23,5	40,0	32,0		GRV-S-20/06-OMD
420	20	8	21,0	40,0	32,0		GRV-S-20/08-OMD
420	20	10	22,0	40,0	32,0		GRV-S-20/10-OMD
420	20	12	22,0	40,0	32,0		GRV-S-20/12-OMD
420	20	14	23,0	42,0	32,0		GRV-S-20/14-OMD
420	20	16	23,0	42,0	32,0		GRV-S-20/16-OMD
420	25	6			41,0		GRV-S-25/06-OMD
420	25	8	26,5	44,0	41,0		GRV-S-25/08-OMD
420	25	10	27,5	44,0	41,0		GRV-S-25/10-OMD
420	25	12	24,0	44,0	41,0		GRV-S-25/12-OMD
420	25	14	26,5	46,5	41,0		GRV-S-25/14-OMD
420	25	16	25,5	44,0	41,0		GRV-S-25/16-OMD
420	25	20	25,5	48,0	41,0		GRV-S-25/20-OMD
420	30	10	25,0	46,0	46,0		GRV-S-30/10-OMD
420	30	12	27,0	46,0	46,0		GRV-S-30/12-OMD
420	30	14			46,0		GRV-S-30/14-OMD
420	30	16	26,0	48,0	46,0		GRV-S-30/16-OMD
420	30	20	26,0	50,0	46,0		GRV-S-30/20-OMD
420	30	25	26,5	52,0	46,0		GRV-S-30/25-OMD
420	38	10	24,5	48,0	55,0		GRV-S-38/10-OMD
420	38	12		48,0	55,0		GRV-S-38/12-OMD
420	38	14			55,0		GRV-S-38/14-OMD
420	38	16	26,0	51,0	55,0		GRV-S-38/16-OMD
420	38	20	28,0	55,0	55,0		GRV-S-38/20-OMD
420	38	25	29,0	57,0	55,0		GRV-S-38/25-OMD
420	38	30	29,5	59,0	55,0		GRV-S-38/30-OMD

WV - WINKEL - VERSCHRAUBUNGEN
WV - EQUAL - ELBOWS



Reihe / Series LL

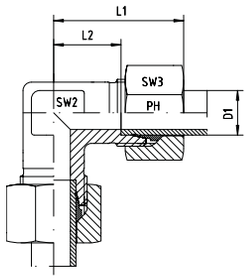
Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L1**	**L2**	**SW2**	**SW3**		
100	4	21,0	11,0	9	10		WV-LL-04
100	6	21,0	9,5	9	12		WV-LL-06
100	8	23,0	11,5	12	14		WV-LL-08

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L1**	**L2**	**SW2**	**SW3**		
500	6	27,0	12,0	12	14		WV-L-06
500	8	29,0	14,0	12	17		WV-L-08
500	10	30,0	15,0	14	19		WV-L-10
400	12	32,0	17,0	17	22		WV-L-12
400	15	36,0	21,0	19	27		WV-L-15
400	18	40,0	23,5	24	32		WV-L-18
250	22	44,0	27,5	27	36		WV-L-22
250	28	47,0	30,5	36	41		WV-L-28
250	35	56,0	34,5	41	50		WV-L-35
250	42	63,0	40,0	50	60		WV-L-42

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L1**	**L2**	**SW2**	**SW3**		
800	6	31,0	16,0	12	17		WV-S-06
800	8	32,0	17,0	14	19		WV-S-08
800	10	34,0	17,5	17	22		WV-S-10
630	12	38,0	21,5	17	24		WV-S-12
630	14	40,0	22,0	19	27		WV-S-14
630	16	43,0	24,5	24	30		WV-S-16
420	20	48,0	26,5	27	36		WV-S-20
420	25	54,0	30,0	36	46		WV-S-25
420	30	62,0	35,5	41	50		WV-S-30
420	38	72,0	41,0	50	60		WV-S-38

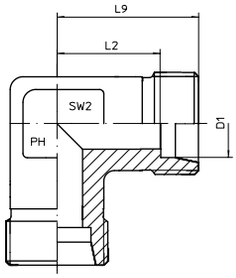


Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L1**	**L2**	**SW2**	**SW3**		
500	6	27,0	12,0	12	14		WV-L-06-SC
500	8	29,0	14,0	12	17		WV-L-08-SC
500	10	30,0	15,0	14	19		WV-L-10-SC
400	12	32,0	17,0	17	22		WV-L-12-SC
400	15	36,0	21,0	19	27		WV-L-15-SC
400	18	40,0	23,5	24	32		WV-L-18-SC
250	22	44,0	27,5	27	36		WV-L-22-SC
250	28	47,0	30,5	36	41		WV-L-28-SC
250	35	56,0	34,5	41	50		WV-L-35-SC
250	42	63,0	40,0	50	60		WV-L-42-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L1**	**L2**	**SW2**	**SW3**		
800	6	31,0	16,0	12	17		WV-S-06-SC
800	8	32,0	17,0	14	19		WV-S-08-SC
800	10	34,0	17,5	17	22		WV-S-10-SC
630	12	38,0	21,5	17	24		WV-S-12-SC
630	14	40,0	22,0	19	27		WV-S-14-SC
630	16	43,0	24,5	24	30		WV-S-16-SC
420	20	48,0	26,5	27	36		WV-S-20-SC
420	25	54,0	30,0	36	46		WV-S-25-SC
420	30	62,0	35,5	41	50		WV-S-30-SC
420	38	72,0	41,0	50	60		WV-S-38-SC



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L2**	**L9**	**SW2**		
100	4	11,0	15,0	9,0		WV-LL-04-OMD
100	6	9,5	15,0	9,0		WV-LL-06-OMD
100	8	11,5	17,0	12,0		WV-LL-08-OMD

Reihe / Series L

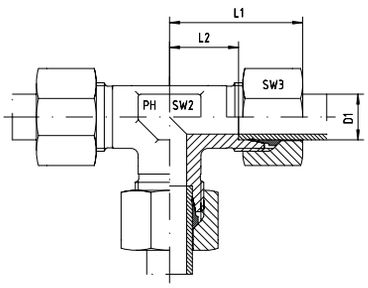
Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L2**	**L9**	**SW2**		
500	6	12,0	19,0	12,0		WV-L-06-OMD
500	8	14,0	21,0	12,0		WV-L-08-OMD
500	10	15,0	22,0	14,0		WV-L-10-OMD
400	12	17,0	24,0	17,0		WV-L-12-OMD
400	15	21,0	28,0	19,0		WV-L-15-OMD
400	18	23,5	31,0	24,0		WV-L-18-OMD
250	22	27,5	35,0	27,0		WV-L-22-OMD
250	28	30,5	38,0	36,0		WV-L-28-OMD
250	35	34,5	45,0	41,0		WV-L-35-OMD
250	42	40,0	51,0	50,0		WV-L-42-OMD

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L2**	**L9**	**SW2**		
800	6	16,0	23,0	12,0		WV-S-06-OMD
800	8	17,0	24,0	14,0		WV-S-08-OMD
800	10	17,5	25,0	17,0		WV-S-10-OMD
630	12	21,5	29,0	17,0		WV-S-12-OMD
630	14	22,0	30,0	19,0		WV-S-14-OMD
630	16	24,5	33,0	24,0		WV-S-16-OMD
420	20	26,5	37,0	27,0		WV-S-20-OMD
420	25	30,0	42,0	36,0		WV-S-25-OMD
420	30	35,5	49,0	41,0		WV-S-30-OMD
420	38	41,0	57,0	50,0		WV-S-38-OMD

TV - T - VERSCHRAUBUNGEN

TV - EQUAL - TEES



Reihe / Series LL

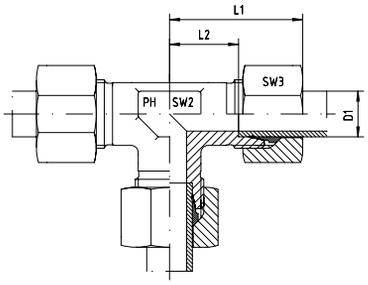
Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L1**	**L2**	**SW2**	**SW3**		
100	4	21,0	11,0	9	10		TV-LL-04
100	6	21,0	9,5	9	12		TV-LL-06
100	8	23,0	11,5	12	14		TV-LL-08

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L1**	**L2**	**SW2**	**SW3**		
500	6	27,0	12,0	12	14		TV-L-06
500	8	29,0	14,0	12	17		TV-L-08
500	10	30,0	15,0	14	19		TV-L-10
400	12	32,0	17,0	17	22		TV-L-12
400	15	36,0	21,0	19	27		TV-L-15
400	18	40,0	23,5	24	32		TV-L-18
250	22	44,0	27,5	27	36		TV-L-22
250	28	47,0	30,5	36	41		TV-L-28
250	35	56,0	34,5	41	50		TV-L-35
250	42	63,0	40,0	50	60		TV-L-42

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L1**	**L2**	**SW2**	**SW3**		
800	6	31,0	16,0	12	17		TV-S-06
800	8	32,0	17,0	14	19		TV-S-08
800	10	34,0	17,5	17	22		TV-S-10
630	12	38,0	21,5	17	24		TV-S-12
630	14	40,0	22,0	19	27		TV-S-14
630	16	43,0	24,4	24	30		TV-S-16
420	20	48,0	26,5	27	36		TV-S-20
420	25	54,0	30,0	36	46		TV-S-25
420	30	62,0	35,5	41	50		TV-S-30
420	38	72,0	41,0	50	60		TV-S-38

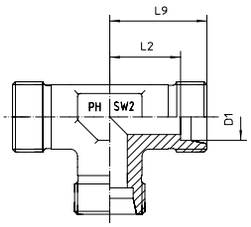


Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	L1	L2	SW2	SW3		
500	6	27,0	12,0	12	14		TV-L-06-SC
500	8	29,0	14,0	12	17		TV-L-08-SC
500	10	30,0	15,0	14	19		TV-L-10-SC
400	12	32,0	17,0	17	22		TV-L-12-SC
400	15	36,0	21,0	19	27		TV-L-15-SC
400	18	40,0	23,5	24	32		TV-L-18-SC
250	22	44,0	27,5	27	36		TV-L-22-SC
250	28	47,0	30,5	36	41		TV-L-28-SC
250	35	56,0	34,5	41	50		TV-L-35-SC
250	42	63,0	40,0	50	60		TV-L-42-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	L1	L2	SW2	SW3		
800	6	31,0	16,0	12	17		TV-S-06-SC
800	8	32,0	17,0	14	19		TV-S-08-SC
800	10	34,0	17,5	17	22		TV-S-10-SC
630	12	38,0	21,5	17	24		TV-S-12-SC
630	14	40,0	22,0	19	27		TV-S-14-SC
630	16	43,0	24,4	24	30		TV-S-16-SC
420	20	48,0	26,5	27	36		TV-S-20-SC
420	25	54,0	30,0	36	46		TV-S-25-SC
420	30	62,0	35,5	41	50		TV-S-30-SC
420	38	72,0	41,0	50	60		TV-S-38-SC



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L2**	**L9**	**SW2**		
100	4	11,0	15,0	9		TV-LL-04-OMD
100	6	9,5	15,0	9		TV-LL-06-OMD
100	8	11,5	17,0	12		TV-LL-08-OMD

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L2**	**L9**	**SW2**		
500	6	12,0	19,0	12,0		TV-L-06-OMD
500	8	14,0	21,0	12,0		TV-L-08-OMD
500	10	15,0	22,0	14,0		TV-L-10-OMD
400	12	17,0	24,0	17,0		TV-L-12-OMD
400	15	21,0	28,0	19,0		TV-L-15-OMD
400	18	23,5	31,0	24,0		TV-L-18-OMD
250	22	27,5	35,0	27,0		TV-L-22-OMD
250	28	30,5	38,0	36,0		TV-L-28-OMD
250	35	34,5	45,0	41,0		TV-L-35-OMD
250	42	40,0	51,0	50,0		TV-L-42-OMD

Reihe / Series S

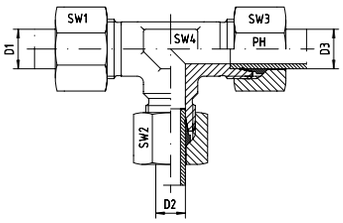
Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L2**	**L9**	**SW2**		
800	6	16,0	23,0	12,0		TV-S-06-OMD
800	8	17,0	24,0	14,0		TV-S-08-OMD
800	10	17,5	25,0	17,0		TV-S-10-OMD
630	12	21,5	29,0	17,0		TV-S-12-OMD
630	14	22,0	30,0	19,0		TV-S-14-OMD
630	16	24,4	33,0	24,0		TV-S-16-OMD
420	20	26,5	37,0	27,0		TV-S-20-OMD
420	25	30,0	42,0	36,0		TV-S-25-OMD
420	30	35,5	49,0	41,0		TV-S-30-OMD
420	38	41,0	57,0	50,0		TV-S-38-OMD

TRV - T - REDUZIER - VERSCHRAUBUNGEN

TRV - REDUCING - BRANCH - TEE

T-Reduzier-Verschraubungen
L-Reihe
Andere Sprunggrößen auf Anfrage!

Reducing Tee Couplings
L-Series
Other jump sizes on request!



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.				Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**D3**	**SW1**	**SW2**	**SW3**	**SW4**		
500	6	8	6	14	17	14	14		TRV-L-06/08/06
500	6	8	8	14	17	17	14		TRV-L-06/08/08
500	6	10	6	14	19	14	17		TRV-L-06/10/06
500	8	6	8	17	14	17	14		TRV-L-08/06/08
500	8	10	8	17	19	17	17		TRV-L-08/10/08
400	8	12	8	17	22	17	17		TRV-L-08/12/08
500	10	6	10	19	14	19	17		TRV-L-10/06/10
500	10	8	10	19	17	19	17		TRV-L-10/08/10
500	10	10	6	19	19	14	17		TRV-L-10/10/06
400	10	12	10	19	22	19	17		TRV-L-10/12/10
400	10	15	10	19	27	19	19		TRV-L-10/15/10
400	12	6	12	22	14	22	17		TRV-L-12/06/12
400	12	8	8	22	17	17	17		TRV-L-12/08/08
400	12	8	12	22	17	22	17		TRV-L-12/08/12
400	12	10	10	22	19	19	17		TRV-L-12/10/10
400	12	10	12	22	19	22	17		TRV-L-12/10/12
400	12	12	10	22	22	19	17		TRV-L-12/12/10
400	12	15	12	22	27	22	19		TRV-L-12/15/12
400	12	18	12	22	32	22	24		TRV-L-12/18/12
400	15	6	15	27	14	27	19		TRV-L-15/06/15
400	15	8	8	27	17	17	19		TRV-L-15/08/08
400	15	8	15	27	17	27	19		TRV-L-15/08/15
400	15	10	15	27	19	27	19		TRV-L-15/10/15
400	15	12	12	27	22	22	19		TRV-L-15/12/12
400	15	12	15	27	22	27	19		TRV-L-15/12/15
400	15	15	12	27	27	22	19		TRV-L-15/15/12
250	15	22	15	27	36	27	27		TRV-L-15/22/15
400	18	8	18	32	17	32	24		TRV-L-18/08/18
400	18	10	10	32	19	19	24		TRV-L-18/10/10
400	18	10	18	32	19	32	24		TRV-L-18/10/18
400	18	12	12	32	22	22	24		TRV-L-18/12/12
400	18	12	18	32	22	32	24		TRV-L-18/12/18
400	18	15	18	32	27	32	24		TRV-L-18/15/18
400	18	18	10	32	32	19	24		TRV-L-18/18/10
250	22	10	22	36	19	36	27		TRV-L-22/10/22
250	22	12	22	36	22	36	27		TRV-L-22/12/22
250	22	15	15	36	27	27	27		TRV-L-22/15/15
250	22	15	22	36	27	36	27		TRV-L-22/15/22
250	22	18	18	36	32	32	27		TRV-L-22/18/18
250	22	18	22	36	32	36	27		TRV-L-22/18/22
250	22	22	15	36	36	27	27		TRV-L-22/22/15
250	22	22	18	36	36	32	27		TRV-L-22/22/18
250	28	10	28	41	19	41	36		TRV-L-28/10/28
250	28	12	28	41	22	41	36		TRV-L-28/12/28
250	28	15	28	41	27	41	36		TRV-L-28/15/28
250	28	18	28	41	32	41	36		TRV-L-28/18/28
250	28	22	22	41	36	36	36		TRV-L-28/22/22
250	28	22	28	41	36	41	36		TRV-L-28/22/28

TRV - T - REDUZIER - VERSCHRAUBUNGEN

TRV - REDUCING - BRANCH - TEE

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L-Reihe
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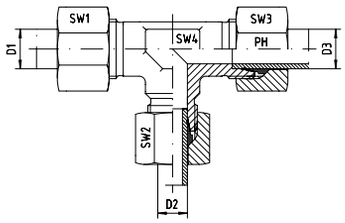


Reihe / Series L

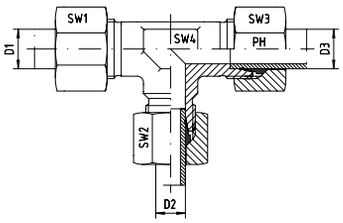
Druck Pressure	**Rohr A.D.** Tube O.D.				**Ca. Maße** Approx. Dimensions			**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**D1**	**D2**	**D3**	**SW1**	**SW2**	**SW3**	**SW4**		
250	28	28	22	41	41	36	36		TRV-L-28/28/22
250	28	35	28	41	50	41	41		TRV-L-28/35/28
250	35	10	35	50	19	50	41		TRV-L-35/10/35
250	35	12	35	50	22	50	41		TRV-L-35/12/35
250	35	15	35	50	27	50	41		TRV-L-35/15/35
250	35	18	35	50	32	50	41		TRV-L-35/18/35
250	35	22	35	50	36	50	41		TRV-L-35/22/35
250	35	28	35	50	41	50	41		TRV-L-35/28/35
250	35	42	35	50	60	50	50		TRV-L-35/42/35
250	42	12	42	60	22	60	50		TRV-L-42/12/42
250	42	15	42	60	27	60	50		TRV-L-42/15/42
250	42	18	42	60	32	60	50		TRV-L-42/18/42
250	42	22	42	60	36	60	50		TRV-L-42/22/42
250	42	28	42	60	41	60	50		TRV-L-42/28/42
250	42	35	42	60	50	60	50		TRV-L-42/35/42

TRV - T - REDUZIER - VERSCHRAUBUNGEN

TRV - REDUCING - BRANCH - TEE

T-Reduzier-Verschraubungen
L-Reihe
Andere Sprunggrößen auf Anfrage!

Reducing Tee Couplings
L-Series
Other jump sizes on request!



Reihe / Series L

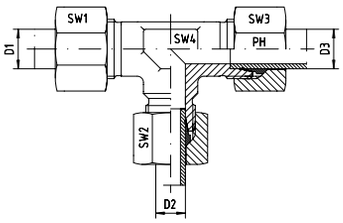
Druck Pressure	Rohr A.D. Tube O.D.				Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**D3**	**SW1**	**SW2**	**SW3**	**SW4**		
500	6	8	6	14	17	14	14		TRV-L-06/08/06-SC
500	6	8	8	14	17	17	14		TRV-L-06/08/08-SC
500	6	10	6	14	19	14	17		TRV-L-06/10/06-SC
500	8	6	8	17	14	17	14		TRV-L-08/06/08-SC
500	8	10	8	17	19	17	17		TRV-L-08/10/08-SC
400	8	12	8	17	22	17	17		TRV-L-08/12/08-SC
500	10	6	10	19	14	19	17		TRV-L-10/06/10-SC
500	10	8	10	19	17	19	17		TRV-L-10/08/10-SC
500	10	10	6	19	19	14	17		TRV-L-10/10/06-SC
400	10	12	10	19	22	19	17		TRV-L-10/12/10-SC
400	10	15	10	19	27	19	19		TRV-L-10/15/10-SC
400	12	6	12	22	14	22	17		TRV-L-12/06/12-SC
400	12	8	8	22	17	17	17		TRV-L-12/08/08-SC
400	12	8	12	22	17	22	17		TRV-L-12/08/12-SC
400	12	10	10	22	19	19	17		TRV-L-12/10/10-SC
400	12	10	12	22	19	22	17		TRV-L-12/10/12-SC
400	12	12	10	22	22	19	17		TRV-L-12/12/10-SC
400	12	15	12	22	27	22	19		TRV-L-12/15/12-SC
400	12	18	12	22	32	22	24		TRV-L-12/18/12-SC
400	15	6	15	27	14	27	19		TRV-L-15/06/15-SC
400	15	8	8	27	17	17	19		TRV-L-15/08/08-SC
400	15	8	15	27	17	27	19		TRV-L-15/08/15-SC
400	15	10	15	27	19	27	19		TRV-L-15/10/15-SC
400	15	12	12	27	22	22	19		TRV-L-15/12/12-SC
400	15	12	15	27	22	27	19		TRV-L-15/12/15-SC
400	15	15	12	27	27	22	19		TRV-L-15/15/12-SC
250	15	22	15	27	36	27	27		TRV-L-15/22/15-SC
400	18	8	18	32	17	32	24		TRV-L-18/08/18-SC
400	18	10	10	32	19	19	24		TRV-L-18/10/10-SC
400	18	10	18	32	19	32	24		TRV-L-18/10/18-SC
400	18	12	12	32	22	22	24		TRV-L-18/12/12-SC
400	18	12	18	32	22	32	24		TRV-L-18/12/18-SC
400	18	15	18	32	27	32	24		TRV-L-18/15/18-SC
400	18	18	10	32	32	19	24		TRV-L-18/18/10-SC
250	22	10	22	36	19	36	27		TRV-L-22/10/22-SC
250	22	12	22	36	22	36	27		TRV-L-22/12/22-SC
250	22	15	15	36	27	27	27		TRV-L-22/15/15-SC
250	22	15	22	36	27	36	27		TRV-L-22/15/22-SC
250	22	18	18	36	32	32	27		TRV-L-22/18/18-SC
250	22	18	22	36	32	36	27		TRV-L-22/18/22-SC
250	22	22	15	36	36	27	27		TRV-L-22/22/15-SC
250	22	22	18	36	36	32	27		TRV-L-22/22/18-SC
250	28	10	28	41	19	41	36		TRV-L-28/10/28-SC
250	28	12	28	41	22	41	36		TRV-L-28/12/28-SC
250	28	15	28	41	27	41	36		TRV-L-28/15/28-SC
250	28	18	28	41	32	41	36		TRV-L-28/18/28-SC

TRV - T - REDUZIER - VERSCHRAUBUNGEN

TRV - REDUCING - BRANCH - TEE

T-Reduzier-Verschraubungen
L-Reihe
Andere Sprunggrößen auf Anfrage!

Reducing Tee Couplings
L-Series
Other jump sizes on request!



Reihe / Series L

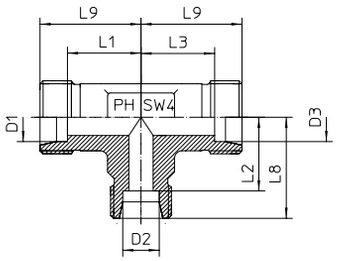
Druck Pressure	**Rohr A.D.** Tube O.D.				**Ca. Maße** Approx. Dimensions			**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**D1**	**D2**	**D3**	**SW1**	**SW2**	**SW3**	**SW4**		
250	28	22	22	41	36	36	36		TRV-L-28/22/22-SC
250	28	22	28	41	36	41	36		TRV-L-28/22/28-SC
250	28	28	22	41	41	36	36		TRV-L-28/28/22-SC
250	28	35	28	41	50	41	41		TRV-L-28/35/28-SC
250	35	10	35	50	19	50	41		TRV-L-35/10/35-SC
250	35	12	35	50	22	50	41		TRV-L-35/12/35-SC
250	35	15	35	50	27	50	41		TRV-L-35/15/35-SC
250	35	18	35	50	32	50	41		TRV-L-35/18/35-SC
250	35	22	35	50	36	50	41		TRV-L-35/22/35-SC
250	35	28	35	50	41	50	41		TRV-L-35/28/35-SC
250	35	42	35	50	60	50	50		TRV-L-35/42/35-SC
250	42	12	42	60	22	60	50		TRV-L-42/12/42-SC
250	42	15	42	60	27	60	50		TRV-L-42/15/42-SC
250	42	18	42	60	32	60	50		TRV-L-42/18/42-SC
250	42	22	42	60	36	60	50		TRV-L-42/22/42-SC
250	42	28	42	60	41	60	50		TRV-L-42/28/42-SC
250	42	35	42	60	50	60	50		TRV-L-42/35/42-SC

TRV - T - REDUZIER - VERSCHRAUBUNGEN

TRV - REDUCING - BRANCH - TEE

T-Reduzier-Verschraubungsstutzen
L-Reihe
Andere Sprunggrößen auf Anfrage!

Reducing Tee Coupling Bodies
L-Series
Other jump sizes on request!



Reihe / Series L

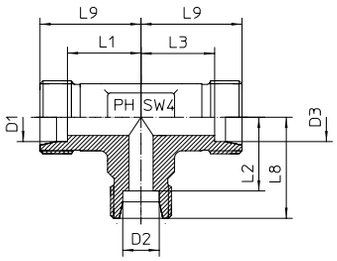
Druck / Pressure	Rohr A.D. / Tube O.D.			Ca. Maße / Approx. Dimensions						Bestellzeichen / Order-Code
PN	**D1**	**D2**	**D3**	**L1**	**L2**	**L3**	**L8**	**L9**	**SW4**	
500	6	8	6	14,0	14,0	14,0	21,0	21,0	12	TRV-L-06/08/06-OMD
500	6	8	8						14	TRV-L-06/08/08-OMD
500	6	10	6						17	TRV-L-06/10/06-OMD
500	8	6	8	14,0	14,0	14,0	21,0	21,0	12	TRV-L-08/06/08-OMD
500	8	10	8	15,0	15,0	15,0	22,0	22,0	17	TRV-L-08/10/08-OMD
400	8	12	8	17,0	17,0	17,0	24,0	24,0	17	TRV-L-08/12/08-OMD
500	10	6	10	15,0	15,0	15,0	22,0	22,0	17	TRV-L-10/06/10-OMD
500	10	8	10	15,0	15,0	15,0	22,0	22,0	17	TRV-L-10/08/10-OMD
500	10	10	6	15,0	15,0	15,0	22,0	22,0	17	TRV-L-10/10/06-OMD
400	10	12	10	17,0	17,0	17,0	24,0	24,0	17	TRV-L-10/12/10-OMD
400	10	15	10	21,0	21,0	21,0	28,0	28,0	19	TRV-L-10/15/10-OMD
400	12	6	12	17,0	17,0	17,0	24,0	24,0	17	TRV-L-12/06/12-OMD
400	12	8	8	17,0	17,0	17,0	24,0	24,0	17	TRV-L-12/08/08-OMD
400	12	8	12	17,0	17,0	17,0	24,0	24,0	17	TRV-L-12/08/12-OMD
400	12	10	12	17,0	17,0	17,0	24,0	24,0	17	TRV-L-12/10/12-OMD
400	12	10	10	17,0	17,0	17,0	24,0	24,0	17	TRV-L-12/10/10-OMD
400	12	12	10						17	TRV-L-12/12/10-OMD
400	12	15	12	21,0	21,0	21,0	28,0	28,0	19	TRV-L-12/15/12-OMD
400	12	18	12	23,0	23,5	23,0	31,0	30,0	24	TRV-L-12/18/12-OMD
400	15	6	15	21,0	21,0	21,0	28,0	28,0	19	TRV-L-15/06/15-OMD
400	15	8	8	21,0	21,0	21,0	28,0	28,0	19	TRV-L-15/08/08-OMD
400	15	8	15	21,0	21,0	21,0	28,0	28,0	19	TRV-L-15/08/15-OMD
400	15	10	15	21,0	21,0	21,0	28,0	28,0	19	TRV-L-15/10/15-OMD
400	15	12	12	21,0	21,0	21,0	28,0	28,0	19	TRV-L-15/12/12-OMD
400	15	12	15	21,0	21,0	21,0	28,0	28,0	19	TRV-L-15/12/15-OMD
400	15	15	12	21,0	21,0	21,0	28,0	28,0	19	TRV-L-15/15/12-OMD
250	15	22	15	28,0	27,5	28,0	35,0	35,0	27	TRV-L-15/22/15-OMD
400	18	8	18	23,5	24,0	23,5	31,0	31,0	24	TRV-L-18/08/18-OMD
400	18	10	10	23,5	24,0	24,0	31,0	31,0	24	TRV-L-18/10/10-OMD
400	18	10	18	23,5	24,0	23,5	31,0	31,0	24	TRV-L-18/10/18-OMD
400	18	12	12	23,5	24,0	24,0	31,0	31,0	24	TRV-L-18/12/12-OMD
400	18	12	18	23,5	24,0	23,5	31,0	31,0	24	TRV-L-18/12/18-OMD
400	18	15	18	23,5	24,0	23,5	31,0	31,0	24	TRV-L-18/15/18-OMD
400	18	18	10	23,5	23,5	24,0	31,0	31,0	24	TRV-L-18/18/10-OMD
250	22	10	22	27,5	26,0	27,5	33,0	35,0	27	TRV-L-22/10/22-OMD
250	22	12	22	27,5	26,0	27,5	33,0	35,0	27	TRV-L-22/12/22-OMD
250	22	15	15	27,5	28,0	28,0	35,0	35,0	27	TRV-L-22/15/15-OMD
250	22	15	22	27,5	26,0	27,5	33,0	35,0	27	TRV-L-22/15/22-OMD
250	22	18	18	27,5	27,5	27,5	35,0	35,0	27	TRV-L-22/18/18-OMD
250	22	18	22	27,5	25,5	27,5	33,0	35,0	27	TRV-L-22/18/22-OMD
250	22	22	15	27,5	27,5	28,0	35,0	35,0	27	TRV-L-22/22/15-OMD
250	22	22	18	27,5	27,5	27,5	35,0	35,0	27	TRV-L-22/22/18-OMD
250	28	10	28	30,5	31,0	30,5	38,0	38,0	36	TRV-L-28/10/28-OMD
250	28	12	28	30,5	31,0	30,5	38,0	38,0	36	TRV-L-28/12/28-OMD
250	28	15	28	30,5	31,0	30,5	38,0	38,0	36	TRV-L-28/15/28-OMD
250	28	18	28	30,5	30,5	30,5	38,0	38,0	36	TRV-L-28/18/28-OMD
250	28	22	22	30,5	30,5	30,5	38,0	38,0	36	TRV-L-28/22/22-OMD
250	28	22	28	30,5	30,5	30,5	38,0	38,0	36	TRV-L-28/22/28-OMD

TRV - T - REDUZIER - VERSCHRAUBUNGEN

TRV - REDUCING - BRANCH - TEE

T-Reduzier-Verschraubungsstutzen
L-Reihe
Andere Sprunggrößen auf Anfrage!

Reducing Tee Coupling Bodies
L-Series
Other jump sizes on request!



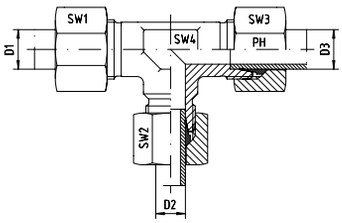
Reihe / Series L

Druck Pressure	**Rohr A.D.** Tube O.D.			**Ca. Maße** Approx. Dimensions						**Bestellzeichen** Order-Code
PN	**D1**	**D2**	**D3**	**L1**	**L2**	**L3**	**L8**	**L9**	**SW4**	
250	28	28	22	30,5	30,5	30,5	38,0	38,0	36,0	TRV-L-28/28/22-OMD
250	28	35	28	37,5	34,0	37,5	45,0	45,0	41,0	TRV-L-28/35/28-OMD
250	35	10	35	34,5	38,0	34,5	45,0	45,0	41,0	TRV-L-35/10/35-OMD
250	35	12	35	34,5	38,0	34,5	45,0	45,0	41,0	TRV-L-35/12/35-OMD
250	35	15	35	34,5	38,0	34,5	45,0	45,0	41,0	TRV-L-35/15/35-OMD
250	35	18	35	34,5	37,5	34,5	45,0	45,0	41,0	TRV-L-35/18/35-OMD
250	35	22	35	34,5	37,5	34,5	45,0	45,0	41,0	TRV-L-35/22/35-OMD
250	35	28	35	34,5	37,5	34,5	45,0	45,0	41,0	TRV-L-35/28/35-OMD
250	35	42	35	40,5	40,0	40,5	51,0	51,0	50,0	TRV-L-35/42/35-OMD
250	42	12	42	40,0	43,0	40,0	50,0	51,0	50,0	TRV-L-42/12/42-OMD
250	42	15	42	40,0	43,0	40,0	50,0	51,0	50,0	TRV-L-42/15/42-OMD
250	42	18	42	40,0	42,5	40,0	50,0	51,0	50,0	TRV-L-42/18/42-OMD
250	42	22	42	40,0	42,5	40,0	50,0	51,0	50,0	TRV-L-42/22/42-OMD
250	42	28	42	40,0	42,5	40,0	50,0	51,0	50,0	TRV-L-42/28/42-OMD
250	42	35	42	40,0	39,5	40,0	50,0	51,0	50,0	TRV-L-42/35/42-OMD

TRV - T - REDUZIER - VERSCHRAUBUNGEN
TRV - REDUCING - BRANCH - TEE

T-Reduzier-Verschraubungen
S-Reihe
Andere Sprunggrößen auf Anfrage!

Reducing Tee Couplings
S-Series
Other jump sizes on request!

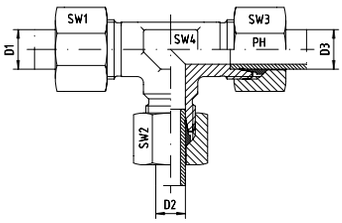


Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.				Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**D3**	**SW1**	**SW2**	**SW3**	**SW4**		
800	8	6	8	19	17	19	14		TRV-S-08/06/08
800	10	6	10	22	17	22	17		TRV-S-10/06/10
800	10	8	10	22	19	22	17		TRV-S-10/08/10
630	12	6	12	24	17	24	17		TRV-S-12/06/12
630	12	8	8	24	19	19	17		TRV-S-12/08/08
630	12	8	12	24	19	24	17		TRV-S-12/08/12
630	12	10	12	24	22	24	17		TRV-S-12/10/12
630	12	16	12	24	30	24	24		TRV-S-12/16/12
630	14	8	14	27	19	27	19		TRV-S-14/08/14
630	14	10	14	27	22	27	19		TRV-S-14/10/14
630	16	6	16	30	17	30	24		TRV-S-16/06/16
630	16	8	16	30	19	30	24		TRV-S-16/08/16
630	16	10	16	30	22	30	24		TRV-S-16/10/16
630	16	12	12	30	24	24	24		TRV-S-16/12/12
630	16	12	16	30	24	30	24		TRV-S-16/12/16
630	16	14	16	30	27	30	24		TRV-S-16/14/16
420	16	20	16	30	36	30	27		TRV-S-16/20/16
420	20	8	20	36	19	36	27		TRV-S-20/08/20
420	20	10	20	36	22	36	27		TRV-S-20/10/20
420	20	12	20	36	24	36	27		TRV-S-20/12/20
420	20	14	20	36	27	36	27		TRV-S-20/14/20
420	20	16	20	36	30	36	27		TRV-S-20/16/20
420	20	25	20	36	46	36	36		TRV-S-20/25/20
420	25	10	25	46	22	46	36		TRV-S-25/10/25
420	25	12	25	46	24	46	36		TRV-S-25/12/25
420	25	14	25	46	27	46	36		TRV-S-25/14/25
420	25	16	25	46	30	46	36		TRV-S-25/16/25
420	25	20	25	46	36	46	36		TRV-S-25/20/25
420	25	30	25	46	50	46	41		TRV-S-25/30/25
420	30	12	30	50	24	50	41		TRV-S-30/12/30
420	30	16	30	50	30	40	41		TRV-S-30/16/30
420	30	20	30	50	36	50	41		TRV-S-30/20/30
420	30	25	30	50	46	50	41		TRV-S-30/25/30
420	30	38	30	50	60	50	50		TRV-S-30/38/30
420	38	12	38	60	24	60	50		TRV-S-38/12/38
420	38	16	38	60	30	60	50		TRV-S-38/16/38
420	38	20	38	60	36	60	50		TRV-S-38/20/38
420	38	25	38	60	46	60	50		TRV-S-38/25/38
420	38	30	38	60	50	60	50		TRV-S-38/30/38

T-Reduzier-Verschraubungen
S-Reihe
Andere Sprunggrößen auf Anfrage!

Reducing Tee Couplings
S-Series
Other jump sizes on request!

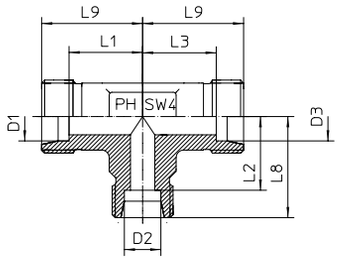


Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.				Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**D3**	**SW1**	**SW2**	**SW3**	**SW4**		
800	8	6	8	19	17	19	14		TRV-S-08/06/08-SC
800	10	6	10	22	17	22	17		TRV-S-10/06/10-SC
800	10	8	10	22	19	22	17		TRV-S-10/08/10-SC
630	12	6	12	24	17	24	17		TRV-S-12/06/12-SC
630	12	8	8	24	19	19	17		TRV-S-12/08/08-SC
630	12	8	12	24	19	24	17		TRV-S-12/08/12-SC
630	12	10	12	24	22	24	17		TRV-S-12/10/12-SC
630	12	16	12	24	30	24	24		TRV-S-12/16/12-SC
630	14	8	14	27	19	27	19		TRV-S-14/08/14-SC
630	14	10	14	27	22	27	19		TRV-S-14/10/14-SC
630	16	6	16	30	17	30	24		TRV-S-16/06/16-SC
630	16	8	16	30	19	30	24		TRV-S-16/08/16-SC
630	16	10	16	30	22	30	24		TRV-S-16/10/16-SC
630	16	12	12	30	24	24	24		TRV-S-16/12/12-SC
630	16	12	16	30	24	30	24		TRV-S-16/12/16-SC
630	16	14	16	30	27	30	24		TRV-S-16/14/16-SC
420	16	20	16	30	36	30	27		TRV-S-16/20/16-SC
420	20	8	20	36	19	36	27		TRV-S-20/08/20-SC
420	20	10	20	36	22	36	27		TRV-S-20/10/20-SC
420	20	12	20	36	24	36	27		TRV-S-20/12/20-SC
420	20	14	20	36	27	36	27		TRV-S-20/14/20-SC
420	20	16	20	36	30	36	27		TRV-S-20/16/20-SC
420	20	25	20	36	46	36	36		TRV-S-20/25/20-SC
420	25	10	25	46	22	46	36		TRV-S-25/10/25-SC
420	25	12	25	46	24	46	36		TRV-S-25/12/25-SC
420	25	14	25	46	27	46	36		TRV-S-25/14/25-SC
420	25	16	25	46	30	46	36		TRV-S-25/16/25-SC
420	25	20	25	46	36	46	36		TRV-S-25/20/25-SC
420	25	30	25	46	50	46	41		TRV-S-25/30/25-SC
420	30	12	30	50	24	50	41		TRV-S-30/12/30-SC
420	30	16	30	50	30	40	41		TRV-S-30/16/30-SC
420	30	20	30	50	36	50	41		TRV-S-30/20/30-SC
420	30	25	30	50	46	50	41		TRV-S-30/25/30-SC
420	30	38	30	50	60	50	50		TRV-S-30/38/30-SC
420	38	12	38	60	24	60	50		TRV-S-38/12/38-SC
420	38	16	38	60	30	60	50		TRV-S-38/16/38-SC
420	38	20	38	60	36	60	50		TRV-S-38/20/38-SC
420	38	25	38	60	46	60	50		TRV-S-38/25/38-SC
420	38	30	38	60	50	60	50		TRV-S-38/30/38-SC

T-Reduzier-Verschraubungsstutzen
S-Reihe
Andere Sprunggrößen auf Anfrage!

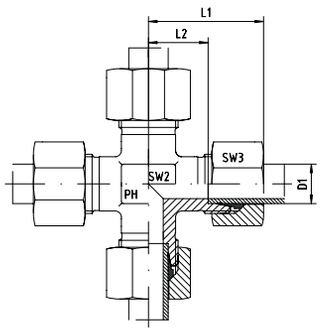
Reducing Tee Coupling Bodies
S-Series
Other jump sizes on request!



Reihe / Series S

Druck Pressure	**Rohr A.D.** Tube O.D.			**Ca. Maße** Approx. Dimensions						**Bestellzeichen** Order-Code
PN	**D1**	**D2**	**D3**	**L1**	**L2**	**L3**	**L8**	**L9**	**SW4**	
800	8	6	8						14	TRV-S-08/06/08-OMD
800	10	6	10	17,5	18,0	17,5	25,0	25,0	17	TRV-S-10/06/10-OMD
800	10	8	10						17	TRV-S-10/08/10-OMD
630	12	6	12						17	TRV-S-12/06/12-OMD
630	12	8	8	21,5	22,0	22,0	29,0	29,0	17	TRV-S-12/08/08-OMD
630	12	8	12	21,5	22,0	21,5	29,0	29,0	17	TRV-S-12/08/12-OMD
630	12	10	12	21,5	21,5	21,5	29,0	29,0	17	TRV-S-12/10/12-OMD
630	12	16	12	25,5	24,5	25,5	33,0	33,0	24	TRV-S-12/16/12-OMD
630	14	8	14						19	TRV-S-14/08/14-OMD
630	14	10	14	22,0	22,5	22,0	30,0	30,0	19	TRV-S-14/10/14-OMD
630	16	6	16	24,5	26,0	24,5	33,0	33,0	24	TRV-S-16/06/16-OMD
630	16	8	16	24,5	26,0	24,5	33,0	33,0	24	TRV-S-16/08/16-OMD
630	16	10	16	24,5	25,5	24,5	33,0	33,0	24	TRV-S-16/10/16-OMD
630	16	12	12	24,5	25,5	25,5	33,0	33,0	24	TRV-S-16/12/12-OMD
630	16	12	16	24,5	25,5	24,5	33,0	33,0	24	TRV-S-16/12/16-OMD
630	16	14	16	24,5	20,0	24,5	33,0	33,0	24	TRV-S-16/14/16-OMD
420	16	20	16	28,5	19,5	28,5	37,0	37,0	27	TRV-S-16/20/16-OMD
420	20	8	20	26,5	20,0	26,5	27,0	37,0	27	TRV-S-20/08/20-OMD
420	20	10	20	26,5	19,5	26,5	27,0	37,0	27	TRV-S-20/10/20-OMD
420	20	12	20	26,5	19,5	26,5	27,0	37,0	27	TRV-S-20/12/20-OMD
420	20	14	20	26,5	26,0	26,5	34,0	37,0	27	TRV-S-20/14/20-OMD
420	20	16	20	26,5	24,5	26,5	33,0	37,0	27	TRV-S-20/16/20-OMD
420	20	25	20	31,5	30,0	31,5	42,0	42,0	36	TRV-S-20/25/20-OMD
420	25	10	25	30,0	32,5	30,0	40,0	42,0	36	TRV-S-25/10/25-OMD
420	25	12	25	30,0	32,5	30,0	40,0	42,0	36	TRV-S-25/12/25-OMD
420	25	14	25						36	TRV-S-25/14/25-OMD
420	25	16	25	30,0	31,5	30,0	40,0	42,0	36	TRV-S-25/16/25-OMD
420	25	20	25	30,0	29,5	30,0	40,0	42,0	36	TRV-S-25/20/25-OMD
420	25	30	25	37,0	35,5	37,0	49,0	49,0	41	TRV-S-25/30/25-OMD
420	30	12	30	35,5	38,5	35,5	46,0	49,0	41	TRV-S-30/12/30-OMD
420	30	16	30	35,5	38,5	35,5	47,0	49,0	41	TRV-S-30/16/30-OMD
420	30	20	30	35,5	36,5	35,5	47,0	49,0	41	TRV-S-30/20/30-OMD
420	30	25	30	35,5	37,0	35,5	49,0	49,0	41	TRV-S-30/25/30-OMD
420	30	38	30	43,5	41,0	43,5	57,0	57,0	50	TRV-S-30/38/30-OMD
420	38	12	38	41,0	46,5	41,0	54,0	57,0	50	TRV-S-38/12/38-OMD
420	38	16	38	41,0	45,5	41,0	54,0	57,0	50	TRV-S-38/16/38-OMD
420	38	20	38	41,0	46,5	41,0	57,0	57,0	50	TRV-S-38/20/38-OMD
420	38	25	38	41,0	45,0	41,0	57,0	57,0	50	TRV-S-38/25/38-OMD
420	38	30	38	41,0	43,5	41,0	57,0	57,0	50	TRV-S-38/30/38-OMD

KV - KREUZ - VERSCHRAUBUNGEN
KV - EQUAL - CROSSES



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L1**	**L2**	**SW2**	**SW3**		
100	4	21,0	11,0	7	10		KV-LL-04
100	6	21,0	9,5	9	12		KV-LL-06
100	8	23,0	11,5	12	14		KV-LL-08

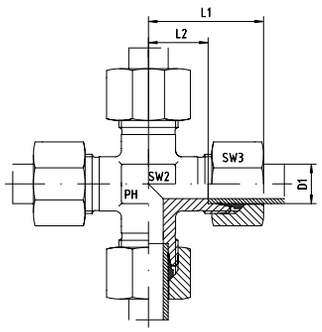
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L1**	**L2**	**SW2**	**SW3**		
315	6	27,0	12,0	12	14		KV-L-06
315	8	29,0	14,0	12	17		KV-L-08
315	10	30,0	15,0	14	19		KV-L-10
315	12	32,0	17,0	17	22		KV-L-12
315	15	36,0	21,0	19	27		KV-L-15
315	18	40,0	23,5	24	32		KV-L-18
160	22	44,0	27,5	27	36		KV-L-22
160	28	47,0	30,5	36	41		KV-L-28
160	35	56,0	34,5	41	50		KV-L-35
160	42	63,0	40,0	50	60		KV-L-42

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L1**	**L2**	**SW2**	**SW3**		
630	6	31,0	16,0	12	17		KV-S-06
630	8	32,0	17,0	14	19		KV-S-08
630	10	34,0	17,5	17	22		KV-S-10
630	12	38,0	21,5	17	24		KV-S-12
630	14	40,0	22,0	19	27		KV-S-14
400	16	43,0	24,5	24	30		KV-S-16
400	20	48,0	26,5	27	36		KV-S-20
400	25	54,0	30,0	36	46		KV-S-25
400	30	62,0	35,5	41	50		KV-S-30
315	38	72,0	41,0	50	60		KV-S-38

KV - KREUZ - VERSCHRAUBUNGEN
KV - EQUAL - CROSSES



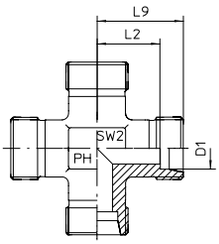
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	L1	L2	SW2	SW3		
315	6	27,0	12,0	12	14		KV-L-06-SC
315	8	29,0	14,0	12	17		KV-L-08-SC
315	10	30,0	15,0	14	19		KV-L-10-SC
315	12	32,0	17,0	17	22		KV-L-12-SC
315	15	36,0	21,0	19	27		KV-L-15-SC
315	18	40,0	23,5	24	32		KV-L-18-SC
160	22	44,0	27,5	27	36		KV-L-22-SC
160	28	47,0	30,5	36	41		KV-L-28-SC
160	35	56,0	34,5	41	50		KV-L-35-SC
160	42	63,0	40,0	50	60		KV-L-42-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	L1	L2	SW2	SW3		
630	6	31,0	16,0	12	17		KV-S-06-SC
630	8	32,0	17,0	14	19		KV-S-08-SC
630	10	34,0	17,5	17	22		KV-S-10-SC
630	12	38,0	21,5	17	24		KV-S-12-SC
630	14	40,0	22,0	19	27		KV-S-14-SC
400	16	43,0	24,5	24	30		KV-S-16-SC
400	20	48,0	26,5	27	36		KV-S-20-SC
400	25	54,0	30,0	36	46		KV-S-25-SC
400	30	62,0	35,5	41	50		KV-S-30-SC
315	38	72,0	41,0	50	60		KV-S-38-SC

KV - KREUZ - VERSCHRAUBUNGEN
KV - EQUAL - CROSSES



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L2**	**L9**	**SW2**		
100	4	11,0	15,0	7		KV-LL-04-OMD
100	6	9,5	15,0	9		KV-LL-06-OMD
100	8	11,5	17,0	12		KV-LL-08-OMD

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L2**	**L9**	**SW2**		
315	6	12,0	19,0	12		KV-L-06-OMD
315	8	14,0	21,0	12		KV-L-08-OMD
315	10	15,0	22,0	14		KV-L-10-OMD
315	12	17,0	24,0	17		KV-L-12-OMD
315	15	21,0	28,0	19		KV-L-15-OMD
315	18	23,5	31,0	24		KV-L-18-OMD
160	22	27,5	35,0	27		KV-L-22-OMD
160	28	30,5	38,0	36		KV-L-28-OMD
160	35	34,5	45,0	41		KV-L-35-OMD
160	42	40,0	51,0	50		KV-L-42-OMD

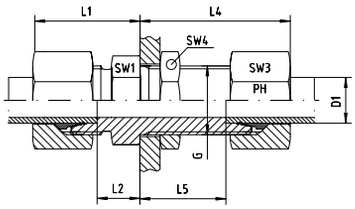
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L2**	**L9**	**SW2**		
630	6	16,0	23,0	12		KV-S-06-OMD
630	8	17,0	24,0	14		KV-S-08-OMD
630	10	17,5	25,0	17		KV-S-10-OMD
630	12	21,5	29,0	17		KV-S-12-OMD
630	14	22,0	30,0	19		KV-S-14-OMD
400	16	24,5	33,0	24		KV-S-16-OMD
400	20	26,5	37,0	27		KV-S-20-OMD
400	25	30,0	42,0	36		KV-S-25-OMD
400	30	35,5	49,0	41		KV-S-30-OMD
315	38	41,0	57,0	50		KV-S-38-OMD

GSV - GERADE - SCHOTT - VERSCHRAUBUNGEN
GSV - BULKHEAD - COUPLINGS

Gerade Schottverschraubungen

Straight Bulkhead Connections



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions							Bestellzeichen Order-Code
PN	D1	G	L1	L2	L4	L5	SW1	SW3	SW4	
100	4	M 8 x 1	19,0	7,0	23,0	11,0	11	10	11	GSV-LL-04
100	6	M 10 x 1								GSV-LL-06
100	8	M 12 x 1								GSV-LL-08

Reihe / Series L

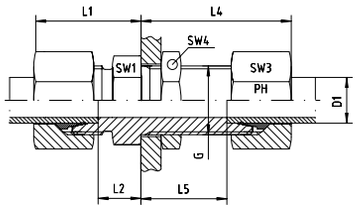
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions							Bestellzeichen Order-Code
PN	D1	G	L1	L2	L4	L5	SW1	SW3	SW4	
500	6	M 12 x 1,5	22,0	7,0	42,0	27,0	17	14	17	GSV-L-06
500	8	M 14 x 1,5	23,0	8,0	42,0	27,0	19	17	19	GSV-L-08
500	10	M 16 x 1,5	25,0	10,0	43,0	28,0	22	19	22	GSV-L-10
400	12	M 18 x 1,5	25,0	10,0	44,0	29,0	24	22	24	GSV-L-12
400	15	M 22 x 1,5	27,0	12,0	46,0	31,0	27	27	30	GSV-L-15
400	18	M 26 x 1,5	30,0	13,5	49,0	32,5	32	32	36	GSV-L-18
250	22	M 30 x 2	33,0	16,5	51,0	34,5	36	36	41	GSV-L-22
250	28	M 36 x 2	35,0	18,5	52,0	35,5	41	41	46	GSV-L-28
250	35	M 45 x 2	40,0	18,5	58,0	36,5	50	50	55	GSV-L-35
250	42	M 52 x 2	42,0	19,0	59,0	36,0	60	60	65	GSV-L-42

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions							Bestellzeichen Order-Code
PN	D1	G	L1	L2	L4	L5	SW1	SW3	SW4	
800	6	M 14 x 1,5	27,0	12,0	44,0	29,0	19	17	19	GSV-S-06
800	8	M 16 x 1,5	28,0	13,0	44,0	29,0	22	19	22	GSV-S-08
800	10	M 18 x 1,5	31,0	14,5	46,0	29,5	24	22	24	GSV-S-10
630	12	M 20 x 1,5	31,0	14,5	47,0	30,5	27	24	27	GSV-S-12
630	14	M 22 x 1,5	35,0	17,0	50,0	32,0	30	27	30	GSV-S-14
630	16	M 24 x 1,5	35,0	16,5	50,0	31,5	32	30	32	GSV-S-16
420	20	M 30 x 2	39,0	17,5	55,0	33,5	41	36	41	GSV-S-20
420	25	M 36 x 2	44,0	20,0	59,0	35,0	46	46	46	GSV-S-25
420	30	M 42 x 2	48,0	21,5	64,0	37,5	50	50	50	GSV-S-30
420	38	M 52 x 2	53,0	22,0	68,0	37,0	65	60	65	GSV-S-38

Gerade Schottverschraubungen

Straight Bulkhead Connections



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions							Bestellzeichen Order-Code
PN	D1	G	L1	L2	L4	L5	SW1	SW3	SW4	
500	6	M 12 x 1,5	22,0	7,0	42,0	27,0	17	14	17	GSV-L-06-SC
500	8	M 14 x 1,5	23,0	8,0	42,0	27,0	19	17	19	GSV-L-08-SC
500	10	M 16 x 1,5	25,0	10,0	43,0	28,0	22	19	22	GSV-L-10-SC
400	12	M 18 x 1,5	25,0	10,0	44,0	29,0	24	22	24	GSV-L-12-SC
400	15	M 22 x 1,5	27,0	12,0	46,0	31,0	27	27	30	GSV-L-15-SC
400	18	M 26 x 1,5	30,0	13,5	49,0	32,5	32	32	36	GSV-L-18-SC
250	22	M 30 x 2	33,0	16,5	51,0	34,5	36	36	41	GSV-L-22-SC
250	28	M 36 x 2	35,0	18,5	52,0	35,5	41	41	46	GSV-L-28-SC
250	35	M 45 x 2	40,0	18,5	58,0	36,5	50	50	55	GSV-L-35-SC
250	42	M 52 x 2	42,0	19,0	59,0	36,0	60	60	65	GSV-L-42-SC

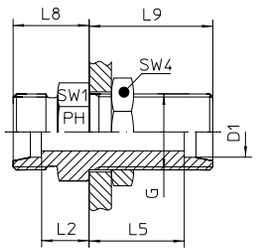
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions							Bestellzeichen Order-Code
PN	D1	G	L1	L2	L4	L5	SW1	SW3	SW4	
800	6	M 14 x 1,5	27,0	12,0	44,0	29,0	19	17	19	GSV-S-06-SC
800	8	M 16 x 1,5	28,0	13,0	44,0	29,0	22	19	22	GSV-S-08-SC
800	10	M 18 x 1,5	31,0	14,5	46,0	29,5	24	22	24	GSV-S-10-SC
630	12	M 20 x 1,5	31,0	14,5	47,0	30,5	27	24	27	GSV-S-12-SC
630	14	M 22 x 1,5	35,0	17,0	50,0	32,0	30	27	30	GSV-S-14-SC
630	16	M 24 x 1,5	35,0	16,5	50,0	31,5	32	30	32	GSV-S-16-SC
420	20	M 30 x 2	39,0	17,5	55,0	33,5	41	36	41	GSV-S-20-SC
420	25	M 36 x 2	44,0	20,0	59,0	35,0	46	46	46	GSV-S-25-SC
420	30	M 42 x 2	48,0	21,5	64,0	37,5	50	50	50	GSV-S-30-SC
420	38	M 52 x 2	53,0	22,0	68,0	37,0	65	60	65	GSV-S-38-SC

GSV - GERADE - SCHOTT - VERSCHRAUBUNGEN
GSV - BULKHEAD - COUPLINGS

Gerade Schottverschraubungsstutzen

Straight Bulkhead Connection Bodies



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L5**	**L8**	**L9**	**SW1**	**SW4**		
100	4	M 8 x 1	7,0	11,0	9,0	15,0	11	11		GSV-LL-04-OMD
100	6	M 10 x 1	6,5	13,5	12,0	19,0	14	14		GSV-LL-06-OMD
100	8	M 12 x 1								GSV-LL-08-OMD

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L5**	**L8**	**L9**	**SW1**	**SW4**		
500	6	M 12 x 1,5	7,0	27,0	14,0	34,0	17	17		GSV-L-06-OMD
500	8	M 14 x 1,5	8,0	27,0	15,0	34,0	19	19		GSV-L-08-OMD
500	10	M 16 x 1,5	10,0	28,0	17,0	35,0	22	22		GSV-L-10-OMD
400	12	M 18 x 1,5	10,0	29,0	17,0	36,0	24	24		GSV-L-12-OMD
400	15	M 22 x 1,5	12,0	31,0	19,0	38,0	27	30		GSV-L-15-OMD
400	18	M 26 x 1,5	13,5	32,5	21,0	40,0	32	36		GSV-L-18-OMD
250	22	M 30 x 2	16,5	34,5	24,0	42,0	36	41		GSV-L-22-OMD
250	28	M 36 x 2	18,5	35,5	26,0	43,0	41	46		GSV-L-28-OMD
250	35	M 45 x 2	18,5	36,5	29,0	47,0	50	55		GSV-L-35-OMD
250	42	M 52 x 2	19,0	36,0	30,0	47,0	60	65		GSV-L-42-OMD

Reihe / Series S

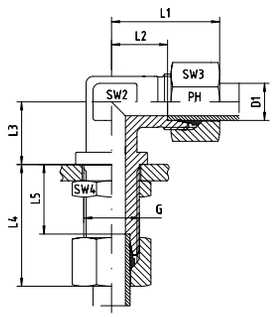
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L5**	**L8**	**L9**	**SW1**	**SW4**		
800	6	M 14 x 1,5	12,0	29,0	19,0	36,0	19	19		GSV-S-06-OMD
800	8	M 16 x 1,5	13,0	29,0	20,0	36,0	22	22		GSV-S-08-OMD
800	10	M 18 x 1,5	14,5	29,5	22,0	37,0	24	24		GSV-S-10-OMD
630	12	M 20 x 1,5	14,5	30,5	22,0	38,0	27	27		GSV-S-12-OMD
630	14	M 22 x 1,5	17,0	32,0	25,0	40,0	30	30		GSV-S-14-OMD
630	16	M 24 x 1,5	16,5	31,5	25,0	40,0	32	32		GSV-S-16-OMD
420	20	M 30 x 2	17,5	33,5	28,0	44,0	41	41		GSV-S-20-OMD
420	25	M 36 x 2	20,0	35,0	32,0	47,0	46	46		GSV-S-25-OMD
420	30	M 42 x 2	21,5	37,5	35,0	51,0	50	50		GSV-S-30-OMD
420	38	M 52 x 2	22,0	37,0	38,0	53,0	65	65		GSV-S-38-OMD

WSV - WINKEL - SCHOTT - VERSCHRAUBUNGEN

WSV - BULKHEAD - ELBOWS

Winkel-Schottverschraubungen

Bulkhead Elbow Couplings



Reihe / Series L

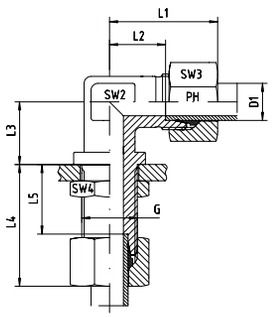
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L4	L5	SW2	SW3	SW4	
315	6	M 12 x 1,5	27,0	12,0	14,0	42,0	27,0	12	14	17	WSV-L-06
315	8	M 14 x 1,5	29,0	14,0	17,0	42,0	27,0	12	17	19	WSV-L-08
315	10	M 16 x 1,5	30,0	15,0	18,0	43,0	28,0	14	19	22	WSV-L-10
315	12	M 18 x 1,5	32,0	17,0	20,0	44,0	29,0	17	22	24	WSV-L-12
315	15	M 22 x 1,5	36,0	21,0	23,0	46,0	31,0	19	27	30	WSV-L-15
315	18	M 26 x 1,5	40,0	23,0	24,0	49,0	32,5	24	32	36	WSV-L-18
160	22	M 30 x 2	44,0	27,0	30,0	51,0	34,5	27	36	41	WSV-L-22
160	28	M 36 x 2	47,0	30,0	34,0	52,0	35,5	36	41	46	WSV-L-28
160	35	M 45 x 2	56,0	34,0	39,0	58,0	36,5	41	50	55	WSV-L-35
160	42	M 52 x 2	63,0	40,0	43,0	59,0	36,0	50	60	65	WSV-L-42

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L4	L5	SW2	SW3	SW4	
630	6	M 14 x 1,5	31,0	16,0	17,0	44,0	29,0	12	17	19	WSV-S-06
630	8	M 16 x 1,5	32,0	17,0	18,0	44,0	29,0	14	19	22	WSV-S-08
630	10	M 18 x 1,5	34,0	17,0	20,0	46,0	29,5	17	22	24	WSV-S-10
630	12	M 20 x 1,5	38,0	21,0	21,0	47,0	30,5	17	24	27	WSV-S-12
630	14	M 22 x 1,5	40,0	22,0	23,0	50,0	32,0	19	27	30	WSV-S-14
400	16	M 24 x 1,5	43,0	24,0	24,0	50,0	31,5	24	30	32	WSV-S-16
400	20	M 30 x 2	48,0	26,0	30,0	55,0	33,5	27	36	41	WSV-S-20
400	25	M 36 x 2	54,0	30,0	34,0	59,0	35,0	36	46	46	WSV-S-25
400	30	M 42 x 2	62,0	35,5	39,0	64,0	37,5	41	50	50	WSV-S-30
315	38	M 52 x 2	72,0	41,0	43,0	68,0	37,0	50	60	65	WSV-S-38

Winkel-Schottverschraubungen

Bulkhead Elbow Couplings



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L4**	**L5**	**SW2**	**SW3**	**SW4**	
315	6	M 12 x 1,5	27,0	12,0	14,0	42,0	27,0	12	14	17	WSV-L-06-SC
315	8	M 14 x 1,5	29,0	14,0	17,0	42,0	27,0	12	17	19	WSV-L-08-SC
315	10	M 16 x 1,5	30,0	15,0	18,0	43,0	28,0	14	19	22	WSV-L-10-SC
315	12	M 18 x 1,5	32,0	17,0	20,0	44,0	29,0	17	22	24	WSV-L-12-SC
315	15	M 22 x 1,5	36,0	21,0	23,0	46,0	31,0	19	27	30	WSV-L-15-SC
315	18	M 26 x 1,5	40,0	23,5	24,0	49,0	32,5	24	32	36	WSV-L-18-SC
160	22	M 30 x 2	44,0	27,5	30,0	51,0	34,5	27	36	41	WSV-L-22-SC
160	28	M 36 x 2	47,0	30,5	34,0	52,0	35,5	36	41	46	WSV-L-28-SC
160	35	M 45 x 2	56,0	34,5	39,0	58,0	36,5	41	50	55	WSV-L-35-SC
160	42	M 52 x 2	63,0	40,0	43,0	59,0	36,0	50	60	65	WSV-L-42-SC

Reihe / Series S

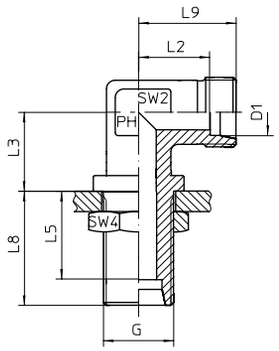
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L4**	**L5**	**SW2**	**SW3**	**SW4**	
630	6	M 14 x 1,5	31,0	16,0	17,0	44,0	29,0	12	17	19	WSV-S-06-SC
630	8	M 16 x 1,5	32,0	17,0	18,0	44,0	29,0	14	19	22	WSV-S-08-SC
630	10	M 18 x 1,5	34,0	17,5	20,0	46,0	29,5	17	22	24	WSV-S-10-SC
630	12	M 20 x 1,5	38,0	21,5	21,0	47,0	30,5	17	24	27	WSV-S-12-SC
630	14	M 22 x 1,5	40,0	22,0	23,0	50,0	32,0	19	27	30	WSV-S-14-SC
400	16	M 24 x 1,5	43,0	24,5	24,0	50,0	31,5	24	30	32	WSV-S-16-SC
400	20	M 30 x 2	48,0	26,5	30,0	55,0	33,5	27	36	41	WSV-S-20-SC
400	25	M 36 x 2	54,0	30,0	34,0	59,0	35,0	36	46	46	WSV-S-25-SC
400	30	M 42 x 2	62,0	35,5	39,0	64,0	37,5	41	50	50	WSV-S-30-SC
315	38	M 52 x 2	72,0	41,0	43,0	68,0	37,0	50	60	65	WSV-S-38-SC

WSV - WINKEL - SCHOTT - VERSCHRAUBUNGEN

WSV - BULKHEAD - ELBOWS

Winkel-Schottverschraubungsstutzen

Bulkhead Elbow Coupling Bodies



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread								Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L5**	**L8**	**L9**	**SW2**	**SW4**		
315	6	M 12 x 1,5	12,0	14,0	27,0	34,0	19,0	12	17		WSV-L-06-OMD
315	8	M 14 x 1,5	14,0	17,0	27,0	34,0	21,0	12	19		WSV-L-08-OMD
315	10	M 16 x 1,5	15,0	18,0	28,0	35,0	22,0	14	22		WSV-L-10-OMD
315	12	M 18 x 1,5	17,0	20,0	29,0	36,0	24,0	17	24		WSV-L-12-OMD
315	15	M 22 x 1,5	21,0	23,0	31,0	38,0	28,0	19	30		WSV-L-15-OMD
315	18	M 26 x 1,5	23,0	24,0	32,5	40,0	31,0	24	36		WSV-L-18-OMD
160	22	M 30 x 2	27,0	30,0	34,5	42,0	35,0	27	41		WSV-L-22-OMD
160	28	M 36 x 2	30,0	34,0	35,5	43,0	38,0	36	46		WSV-L-28-OMD
160	35	M 45 x 2	34,0	39,0	36,5	47,0	45,0	41	55		WSV-L-35-OMD
160	42	M 52 x 2	40,0	43,0	36,0	47,0	51,0	50	65		WSV-L-42-OMD

Reihe / Series S

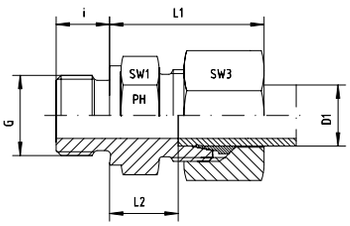
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread								Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L5**	**L8**	**L9**	**SW2**	**SW4**		
630	6	M 14 x 1,5	16,0	17,0	29,0	36,0	23,0	12	19		WSV-S-06-OMD
630	8	M 16 x 1,5	17,0	18,0	29,0	36,0	24,0	14	22		WSV-S-08-OMD
630	10	M 18 x 1,5	17,0	20,0	29,5	37,0	25,0	17	24		WSV-S-10-OMD
630	12	M 20 x 1,5	21,0	21,0	30,5	38,0	29,0	17	27		WSV-S-12-OMD
630	14	M 22 x 1,5	22,0	23,0	32,0	40,0	30,0	19	30		WSV-S-14-OMD
400	16	M 24 x 1,5	24,0	24,0	31,5	40,0	33,0	24	32		WSV-S-16-OMD
400	20	M 30 x 2	26,0	30,0	33,5	44,0	37,0	27	41		WSV-S-20-OMD
400	25	M 36 x 2	30,0	34,0	35,0	47,0	42,0	36	46		WSV-S-25-OMD
400	30	M 42 x 2	35,5	39,0	37,5	51,0	49,0	41	50		WSV-S-30-OMD
315	38	M 52 x 2	41,0	43,0	37,0	53,0	57,0	50	65		WSV-S-38-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
LL-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Male Stud Couplings
LL-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series LL

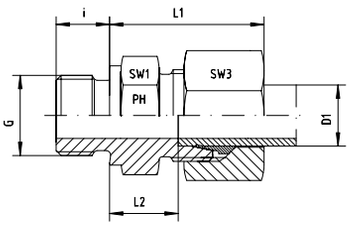
Druck Pressure	**Rohr A.D.** Tube O.D.	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions					**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
100	4	G 1/8“	19,0	9,5	8,0	14	10		GE-LLR-04-G 1/8“
100	6	G 1/8“	20,0	8,0	8,0	14	12		GE-LLR-06-G 1/8“
100	8	G 1/8“	22,0	9,0	8,0	14	14		GE-LLR-08-G 1/8“

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Male Stud Couplings
L-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B



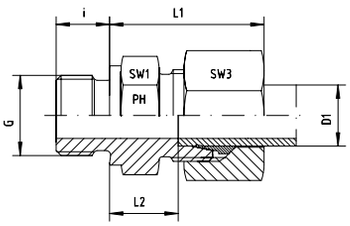
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
315	6	G 1/8“	23,0	8,5	8,0	14	14		GE-LR-06-G 1/8“
315	6	G 1/4“	27,0	9,0	12,0	19	14		GE-LR-06-G 1/4“
315	6	G 3/8“	27,0	11,5	12,0	22	14		GE-LR-06-G 3/8“
315	6	G 1/2“	29,0	12,0	14,0	27	14		GE-LR-06-G 1/2“
315	8	G 1/8“	26,0	9,5	8,0	14	17		GE-LR-08-G 1/8“
315	8	G 1/4“	25,0	10,0	12,0	19	17		GE-LR-08-G 1/4“
315	8	G 3/8“	28,5	11,5	12,0	22	17		GE-LR-08-G 3/8“
315	8	G 1/2“	28,5	13,0	14,0	27	17		GE-LR-08-G 1/2“
315	10	G 1/8“	27,5	11,0	8,0	17	19		GE-LR-10-G 1/8“
315	10	G 1/4“	26,0	11,0	12,0	19	19		GE-LR-10-G 1/4“
315	10	G 3/8“	30,5	12,5	12,0	22	19		GE-LR-10-G 3/8“
315	10	G 1/2“	32,5	13,0	14,0	27	19		GE-LR-10-G 1/2“
315	10	G 3/4“	30,5	14,0	16,0	32	19		GE-LR-10-G 3/4“
315	12	G 1/8“	29,0	11,0	8,0	19	22		GE-LR-12-G 1/8“
315	12	G 1/4“	30,0	12,0	12,0	19	22		GE-LR-12-G 1/4“
315	12	G 3/8“	27,0	12,5	12,0	22	22		GE-LR-12-G 3/8“
315	12	G 1/2“	31,0	13,0	14,0	27	22		GE-LR-12-G 1/2“
315	12	G 3/4“	31,0	14,0	16,0	32	22		GE-LR-12-G 3/4“
315	15	G 1/4“	32,0	13,0	12,0	24	27		GE-LR-15-G 1/4“
315	15	G 3/8“	31,0	13,5	12,0	24	27		GE-LR-15-G 3/8“
315	15	G 1/2“	29,0	14,0	14,0	27	27		GE-LR-15-G 1/2“
315	15	G 3/4“	32,5	15,0	16,0	32	27		GE-LR-15-G 3/4“
315	15	G 1“	33,0	16,0	18,0	41	27		GE-LR-15-G 1“
315	18	G 3/8“	31,0	12,5	12,0	27	32		GE-LR-18-G 3/8“
315	18	G 1/2“	31,0	14,5	14,0	27	32		GE-LR-18-G 1/2“
315	18	G 3/4“	34,0	14,5	16,0	32	32		GE-LR-18-G 3/4“
315	18	G 1“	35,5	16,5	18,0	41	32		GE-LR-18-G 1“
160	22	G 3/8“	49,0	16,0	12,0	32	36		GE-LR-22-G 3/8“
160	22	G 1/2“	37,0	16,5	14,0	32	36		GE-LR-22-G 1/2“
160	22	G 3/4“	33,0	16,5	16,0	32	36		GE-LR-22-G 3/4“
160	22	G 1“	38,0	17,5	18,0	41	36		GE-LR-22-G 1“
160	22	G 1 1/4“	38,0	18,5	20,0	50	36		GE-LR-22-G 1 1/4“
160	28	G 1/2“	39,0	17,5	14,0	41	41		GE-LR-28-G 1/2“
160	28	G 3/4“	38,0	17,5	16,0	41	41		GE-LR-28-G 3/4“
160	28	G 1“	39,0	17,5	18,0	41	41		GE-LR-28-G 1“
160	28	G 1 1/4“	40,0	18,5	20,0	50	41		GE-LR-28-G 1 1/4“
160	28	G 1 1/2“	43,0	20,5	22,0	55	41		GE-LR-28-G 1 1/2“
160	35	G 3/4“	42,0	18,5	16,0	46	50		GE-LR-35-G 3/4“
160	35	G 1“	42,0	17,5	18,0	46	50		GE-LR-35-G 1“
160	35	G 1 1/4“	39,0	17,5	20,0	50	50		GE-LR-35-G 1 1/4“
160	35	G 1 1/2“	44,0	19,5	22,0	55	50		GE-LR-35-G 1 1/2“
160	42	G 1“	47,0	19,0	18,0	55	60		GE-LR-42-G 1“
160	42	G 1 1/4“	47,0	19,0	20,0	55	60		GE-LR-42-G 1 1/4“
160	42	G 1 1/2“	47,0	19,0	22,0	55	60		GE-LR-42-G 1 1/2“
160	42	G 2“	48,0	21,0	23,0	70	60		GE-LR-42-G 2“

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Male Stud Couplings
L-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

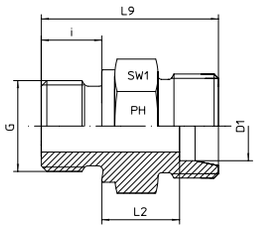
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
315	6	G 1/8“	23,0	8,5	8,0	14	14		GE-LR-06-G 1/8“-SC
315	6	G 1/4“	27,0	9,0	12,0	19	14		GE-LR-06-G 1/4“-SC
315	6	G 3/8“	27,0	11,5	12,0	22	14		GE-LR-06-G 3/8“-SC
315	6	G 1/2“	29,0	12,0	14,0	27	14		GE-LR-06-G 1/2“-SC
315	8	G 1/8“	26,0	9,5	8,0	14	17		GE-LR-08-G 1/8“-SC
315	8	G 1/4“	25,0	10,0	12,0	19	17		GE-LR-08-G 1/4“-SC
315	8	G 3/8“	28,5	11,5	12,0	22	17		GE-LR-08-G 3/8“-SC
315	8	G 1/2“	28,5	13,0	14,0	27	17		GE-LR-08-G 1/2“-SC
315	10	G 1/8“	27,5	11,0	8,0	17	19		GE-LR-10-G 1/8“-SC
315	10	G 1/4“	26,0	11,0	12,0	19	19		GE-LR-10-G 1/4“-SC
315	10	G 3/8“	30,5	12,5	12,0	22	19		GE-LR-10-G 3/8“-SC
315	10	G 1/2“	32,5	13,0	14,0	27	19		GE-LR-10-G 1/2“-SC
315	10	G 3/4“	30,5	14,0	16,0	32	19		GE-LR-10-G 3/4“-SC
315	12	G 1/8“	29,0	11,0	8,0	19	22		GE-LR-12-G 1/8“-SC
315	12	G 1/4“	30,0	12,0	12,0	19	22		GE-LR-12-G 1/4“-SC
315	12	G 3/8“	27,0	12,5	12,0	22	22		GE-LR-12-G 3/8“-SC
315	12	G 1/2“	31,0	13,0	14,0	27	22		GE-LR-12-G 1/2“-SC
315	12	G 3/4“	31,0	14,0	16,0	32	22		GE-LR-12-G 3/4“-SC
315	15	G 1/4“	32,0	13,0	12,0	24	27		GE-LR-15-G 1/4“-SC
315	15	G 3/8“	31,0	13,5	12,0	24	27		GE-LR-15-G 3/8“-SC
315	15	G 1/2“	29,0	14,0	14,0	27	27		GE-LR-15-G 1/2“-SC
315	15	G 3/4“	32,5	15,0	16,0	32	27		GE-LR-15-G 3/4“-SC
315	15	G 1“	33,0	16,0	18,0	41	27		GE-LR-15-G 1“-SC
315	18	G 3/8“	31,0	12,5	12,0	27	32		GE-LR-18-G 3/8“-SC
315	18	G 1/2“	31,0	14,5	14,0	27	32		GE-LR-18-G 1/2“-SC
315	18	G 3/4“	34,0	14,5	16,0	32	32		GE-LR-18-G 3/4“-SC
315	18	G 1“	35,5	16,5	18,0	41	32		GE-LR-18-G 1“-SC
160	22	G 3/8“	49,0	16,0	12,0	32	36		GE-LR-22-G 3/8“-SC
160	22	G 1/2“	37,0	16,5	14,0	32	36		GE-LR-22-G 1/2“-SC
160	22	G 3/4“	33,0	16,5	16,0	32	36		GE-LR-22-G 3/4“-SC
160	22	G 1“	38,0	17,5	18,0	41	36		GE-LR-22-G 1“-SC
160	22	G 1 1/4“	38,0	18,5	20,0	50	36		GE-LR-22-G 1 1/4“-SC
160	28	G 1/2“	39,0	17,5	14,0	41	41		GE-LR-28-G 1/2“-SC
160	28	G 3/4“	38,0	17,5	16,0	41	41		GE-LR-28-G 3/4“-SC
160	28	G 1“	39,0	17,5	18,0	41	41		GE-LR-28-G 1“-SC
160	28	G 1 1/4“	40,0	18,5	20,0	50	41		GE-LR-28-G 1 1/4“-SC
160	28	G 1 1/2“	43,0	20,5	22,0	55	41		GE-LR-28-G 1 1/2“-SC
160	35	G 3/4“	42,0	18,5	16,0	46	50		GE-LR-35-G 3/4“-SC
160	35	G 1“	42,0	17,5	18,0	46	50		GE-LR-35-G 1“-SC
160	35	G 1 1/4“	39,0	17,5	20,0	50	50		GE-LR-35-G 1 1/4“-SC
160	35	G 1 1/2“	44,0	19,5	22,0	55	50		GE-LR-35-G 1 1/2“-SC
160	42	G 1“	47,0	19,0	18,0	55	60		GE-LR-42-G 1“-SC
160	42	G 1 1/4“	47,0	19,0	20,0	55	60		GE-LR-42-G 1 1/4“-SC
160	42	G 1 1/2“	47,0	19,0	22,0	55	60		GE-LR-42-G 1 1/2“-SC
160	42	G 2“	48,0	21,0	23,0	70	60		GE-LR-42-G 2“-SC

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungsstutzen
LL-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Male Stud Coupling Bodies
LL-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series LL

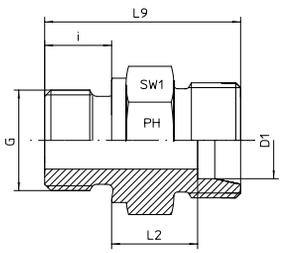
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L9**	**i**	**SW1**		
100	4	G 1/8“	9,5	21,5	8,0	14		GE-LLR-04-G 1/8“-OMD
100	6	G 1/8“	8,0	21,5	8,0	14		GE-LLR-06-G 1/8“-OMD
100	8	G 1/8“	9,0	22,5	8,0	14		GE-LLR-08-G 1/8“-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungsstutzen
L-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Male Stud Coupling Bodies
L-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

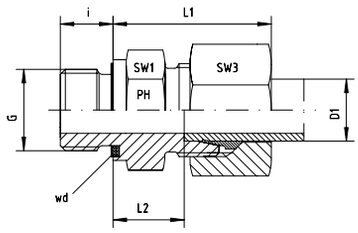
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L9	i	SW1		
315	6	G 1/8“	8,5	23,5	8,0	14		GE-LR-06-G 1/8“-OMD
315	6	G 1/4“	9,0	28,0	12,0	19		GE-LR-06-G 1/4“-OMD
315	6	G 3/8“	11,5	30,5	12,0	22		GE-LR-06-G 3/8“-OMD
315	6	G 1/2“	12,0	33,0	14,0	27		GE-LR-06-G 1/2“-OMD
315	8	G 1/8“	9,5	24,5	8,0	14		GE-LR-08-G 1/8“-OMD
315	8	G 1/4“	10,0	29,0	12,0	19		GE-LR-08-G 1/4“-OMD
315	8	G 3/8“	11,5	30,5	12,0	22		GE-LR-08-G 3/8“-OMD
315	8	G 1/2“	13,0	34,0	14,0	27		GE-LR-08-G 1/2“-OMD
315	10	G 1/8“	11,0	26,0	8,0	17		GE-LR-10-G 1/8“-OMD
315	10	G 1/4“	11,0	30,0	12,0	19		GE-LR-10-G 1/4“-OMD
315	10	G 3/8“	12,5	31,5	12,0	22		GE-LR-10-G 3/8“-OMD
315	10	G 1/2“	13,0	34,0	14,0	27		GE-LR-10-G 1/2“-OMD
315	10	G 3/4“	14,0	37,0	16,0	32		GE-LR-10-G 3/4“-OMD
315	12	G 1/8“	11,0	26,0	8,0	19		GE-LR-12-G 1/8“-OMD
315	12	G 1/4“	12,0	31,0	12,0	19		GE-LR-12-G 1/4“-OMD
315	12	G 3/8“	12,5	31,5	12,0	22		GE-LR-12-G 3/8“-OMD
315	12	G 1/2“	13,0	34,0	14,0	27		GE-LR-12-G 1/2“-OMD
315	12	G 3/4“	14,0	37,0	16,0	32		GE-LR-12-G 3/4“-OMD
315	15	G 1/4“	13,0	32,0	12,0	24		GE-LR-15-G 1/4“-OMD
315	15	G 3/8“	13,5	32,5	12,0	24		GE-LR-15-G 3/8“-OMD
315	15	G 1/2“	14,0	35,0	14,0	27		GE-LR-15-G 1/2“-OMD
315	15	G 3/4“	15,0	38,0	16,0	32		GE-LR-15-G 3/4“-OMD
315	15	G 1“	16,0	41,0	18,0	41		GE-LR-15-G 1“-OMD
315	18	G 3/8“	12,5	33,5	12,0	27		GE-LR-18-G 3/8“-OMD
315	18	G 1/2“	14,5	36,0	14,0	27		GE-LR-18-G 1/2“-OMD
315	18	G 3/4“	14,5	38,0	16,0	32		GE-LR-18-G 3/4“-OMD
315	18	G 1“	16,5	42,0	18,0	41		GE-LR-18-G 1“-OMD
160	22	G 3/8“	16,0	35,5	12,0	32		GE-LR-22-G 3/8“-OMD
160	22	G 1/2“	16,5	38,0	14,0	32		GE-LR-22-G 1/2“-OMD
160	22	G 3/4“	16,5	40,0	16,0	32		GE-LR-22-G 3/4“-OMD
160	22	G 1“	17,5	43,0	18,0	41		GE-LR-22-G 1“-OMD
160	22	G 1 1/4“	18,5	46,0	20,0	50		GE-LR-22-G 1 1/4“-OMD
160	28	G 1/2“	17,5	39,0	14,0	41		GE-LR-28-G 1/2“-OMD
160	28	G 3/4“	17,5	41,0	16,0	41		GE-LR-28-G 3/4“-OMD
160	28	G 1“	17,5	43,0	18,0	41		GE-LR-28-G 1“-OMD
160	28	G 1 1/4“	18,5	46,0	20,0	50		GE-LR-28-G 1 1/4“-OMD
160	28	G 1 1/2“	20,5	50,0	22,0	55		GE-LR-28-G 1 1/2“-OMD
160	35	G 3/4“	18,5	45,0	16,0	46		GE-LR-35-G 3/4“-OMD
160	35	G 1“	17,5	46,0	18,0	46		GE-LR-35-G 1“-OMD
160	35	G 1 1/4“	17,5	48,0	20,0	50		GE-LR-35-G 1 1/4“-OMD
160	35	G 1 1/2“	19,5	52,0	22,0	55		GE-LR-35-G 1 1/2“-OMD
160	42	G 1“	19,0	48,0	18,0	55		GE-LR-42-G 1“-OMD
160	42	G 1 1/4“	19,0	50,0	20,0	55		GE-LR-42-G 1 1/4“-OMD
160	42	G 1 1/2“	19,0	52,0	22,0	55		GE-LR-42-G 1 1/2“-OMD
160	42	G 2“				70		GE-LR-42-G 2“-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
LL-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Male Stud Couplings
LL-Series
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



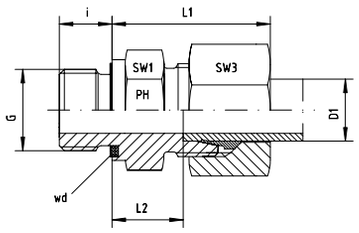
Reihe / Series LL

Druck Pressure	**Rohr A.D.** Tube O.D.	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions					**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
100	4	G 1/8“	19,0	9,5	8,0	14	10		GE-LLR-04-G 1/8“-wd
100	6	G 1/8“	20,0	8,0	8,0	14	12		GE-LLR-06-G 1/8“-wd
100	8	G 1/8“	22,0	9,0	8,0	14	14		GE-LLR-08-G 1/8“-wd

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Male Stud Couplings
L-Series
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

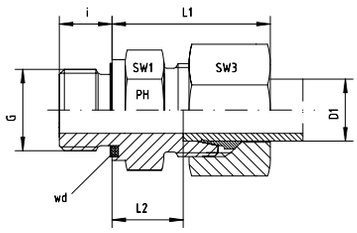
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
500	6	G 1/8“	23,0	8,5	8,0	14	14		GE-LR-06-G 1/8“-wd
500	6	G 1/4“	27,0	9,0	12,0	19	14		GE-LR-06-G 1/4“-wd
400	6	G 3/8“	27,0	11,5	12,0	22	14		GE-LR-06-G 3/8“-wd
400	6	G 1/2“	29,0	12,0	14,0	27	14		GE-LR-06-G 1/2“-wd
500	8	G 1/8“	26,0	9,5	8,0	14	17		GE-LR-08-G 1/8“-wd
500	8	G 1/4“	25,0	10,0	12,0	19	17		GE-LR-08-G 1/4“-wd
400	8	G 3/8“	28,5	11,5	12,0	22	17		GE-LR-08-G 3/8“-wd
400	8	G 1/2“	28,5	13,0	14,0	27	17		GE-LR-08-G 1/2“-wd
500	10	G 1/8“	27,5	11,0	8,0	17	19		GE-LR-10-G 1/8“-wd
500	10	G 1/4“	26,0	11,0	12,0	19	19		GE-LR-10-G 1/4“-wd
400	10	G 3/8“	30,5	12,5	12,0	22	19		GE-LR-10-G 3/8“-wd
400	10	G 1/2“	32,5	13,0	14,0	27	19		GE-LR-10-G 1/2“-wd
315	10	G 3/4“	30,5	14,0	16,0	32	19		GE-LR-10-G 3/4“-wd
400	12	G 1/8“	29,0	11,0	8,0	19	22		GE-LR-12-G 1/8“-wd
400	12	G 1/4“	30,0	12,0	12,0	19	22		GE-LR-12-G 1/4“-wd
400	12	G 3/8“	27,0	12,5	12,0	22	22		GE-LR-12-G 3/8“-wd
400	12	G 1/2“	31,0	13,0	14,0	27	22		GE-LR-12-G 1/2“-wd
315	12	G 3/4“	31,0	14,0	16,0	32	22		GE-LR-12-G 3/4“-wd
400	15	G 1/4“	32,0	13,0	12,0	24	27		GE-LR-15-G 1/4“-wd
400	15	G 3/8“	31,0	13,5	12,0	24	27		GE-LR-15-G 3/8“-wd
400	15	G 1/2“	29,0	14,0	14,0	27	27		GE-LR-15-G 1/2“-wd
315	15	G 3/4“	32,5	15,0	16,0	32	27		GE-LR-15-G 3/4“-wd
250	15	G 1“	33,0	16,0	18,0	41	27		GE-LR-15-G 1“-wd
400	18	G 1/4“	33,0	13,5	12,0	27	32		GE-LR-18-G 1/4“-wd
400	18	G 3/8“	33,0	12,5	12,0	27	32		GE-LR-18-G 3/8“-wd
400	18	G 1/2“	31,0	14,5	14,0	27	32		GE-LR-18-G 1/2“-wd
315	18	G 3/4“	34,0	14,5	16,0	32	32		GE-LR-18-G 3/4“-wd
250	18	G 1“	35,5	16,5	18,0	41	32		GE-LR-18-G 1“-wd
250	22	G 3/8“	36,0	16,0	12,0	32	36		GE-LR-22-G 3/8“-wd
250	22	G 1/2“	37,0	16,5	14,0	32	36		GE-LR-22-G 1/2“-wd
250	22	G 3/4“	33,0	16,5	16,0	32	36		GE-LR-22-G 3/4“-wd
250	22	G 1“	38,0	17,5	18,0	41	36		GE-LR-22-G 1“-wd
250	22	G 1 1/4“	38,0	18,5	20,0	50	36		GE-LR-22-G 1 1/4“-wd
250	28	G 1/2“	39,0	17,5	14,0	41	41		GE-LR-28-G 1/2“-wd
250	28	G 3/4“	38,0	17,5	16,0	41	41		GE-LR-28-G 3/4“-wd
250	28	G 1“	39,0	17,5	18,0	41	41		GE-LR-28-G 1“-wd
250	28	G 1 1/4“	40,0	18,5	20,0	50	41		GE-LR-28-G 1 1/4“-wd
250	28	G 1 1/2“	43,0	20,5	22,0	55	41		GE-LR-28-G 1 1/2“-wd
250	35	G 1/2“	42,0	17,5	14,0	46	50		GE-LR-35-G 1/2“-wd
250	35	G 3/4“	42,0	18,5	16,0	46	50		GE-LR-35-G 3/4“-wd
250	35	G 1“	42,0	17,5	18,0	46	50		GE-LR-35-G 1“-wd
250	35	G 1 1/4“	39,0	17,5	20,0	50	50		GE-LR-35-G 1 1/4“-wd
250	35	G 1 1/2“	44,0	19,5	22,0	55	50		GE-LR-35-G 1 1/2“-wd
250	42	G 1“	47,0	19,0	18,0	55	60		GE-LR-42-G 1“-wd
250	42	G 1 1/4“	47,0	19,0	20,0	55	60		GE-LR-42-G 1 1/4“-wd
250	42	G 1 1/2“	47,0	19,0	22,0	55	60		GE-LR-42-G 1 1/2“-wd
250	42	G 2“	48,0	21,0	23,0	70	60		GE-LR-42-G 2“-wd

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Male Stud Couplings
L-Series
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

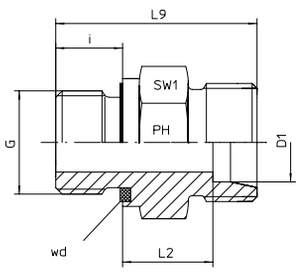
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
500	6	G 1/8“	23,0	8,5	8,0	14	14		GE-LR-06-G 1/8“-wd-SC
500	6	G 1/4“	27,0	9,0	12,0	19	14		GE-LR-06-G 1/4“-wd-SC
400	6	G 3/8“	27,0	11,5	12,0	22	14		GE-LR-06-G 3/8“-wd-SC
400	6	G 1/2“	29,0	12,0	14,0	27	14		GE-LR-06-G 1/2“-wd-SC
500	8	G 1/8“	26,0	9,5	8,0	14	17		GE-LR-08-G 1/8“-wd-SC
500	8	G 1/4“	25,0	10,0	12,0	19	17		GE-LR-08-G 1/4“-wd-SC
400	8	G 3/8“	28,5	11,5	12,0	22	17		GE-LR-08-G 3/8“-wd-SC
400	8	G 1/2“	28,5	13,0	14,0	27	17		GE-LR-08-G 1/2“-wd-SC
500	10	G 1/8“	27,5	11,0	8,0	17	19		GE-LR-10-G 1/8“-wd-SC
500	10	G 1/4“	26,0	11,0	12,0	19	19		GE-LR-10-G 1/4“-wd-SC
400	10	G 3/8“	30,5	12,5	12,0	22	19		GE-LR-10-G 3/8“-wd-SC
400	10	G 1/2“	32,5	13,0	14,0	27	19		GE-LR-10-G 1/2“-wd-SC
315	10	G 3/4“	30,5	14,0	16,0	32	19		GE-LR-10-G 3/4“-wd-SC
400	12	G 1/8“	29,0	11,0	8,0	19	22		GE-LR-12-G 1/8“-wd-SC
400	12	G 1/4“	30,0	12,0	12,0	19	22		GE-LR-12-G 1/4“-wd-SC
400	12	G 3/8“	27,0	12,5	12,0	22	22		GE-LR-12-G 3/8“-wd-SC
400	12	G 1/2“	31,0	13,0	14,0	27	22		GE-LR-12-G 1/2“-wd-SC
315	12	G 3/4“	31,0	14,0	16,0	32	22		GE-LR-12-G 3/4“-wd-SC
400	15	G 1/4“	32,0	13,0	12,0	24	27		GE-LR-15-G 1/4“-wd-SC
400	15	G 3/8“	31,0	13,5	12,0	24	27		GE-LR-15-G 3/8“-wd-SC
400	15	G 1/2“	29,0	14,0	14,0	27	27		GE-LR-15-G 1/2“-wd-SC
315	15	G 3/4“	32,5	15,0	16,0	32	27		GE-LR-15-G 3/4“-wd-SC
250	15	G 1“	33,0	16,0	18,0	41	27		GE-LR-15-G 1“-wd-SC
400	18	G 1/4“	33,0	13,5	12,0	27	32		GE-LR-18-G 1/4“-wd-SC
400	18	G 3/8“	33,0	12,5	12,0	27	32		GE-LR-18-G 3/8“-wd-SC
400	18	G 1/2“	31,0	14,5	14,0	27	32		GE-LR-18-G 1/2“-wd-SC
315	18	G 3/4“	34,0	14,5	16,0	32	32		GE-LR-18-G 3/4“-wd-SC
250	18	G 1“	35,5	16,5	18,0	41	32		GE-LR-18-G 1“-wd-SC
250	22	G 3/8“	36,0	16,0	12,0	32	36		GE-LR-22-G 3/8“-wd-SC
250	22	G 1/2“	37,0	16,5	14,0	32	36		GE-LR-22-G 1/2“-wd-SC
250	22	G 3/4“	33,0	16,5	16,0	32	36		GE-LR-22-G 3/4“-wd-SC
250	22	G 1“	38,0	17,5	18,0	41	36		GE-LR-22-G 1“-wd-SC
250	22	G 1 1/4“	38,0	18,5	20,0	50	36		GE-LR-22-G 1 1/4“-wd-SC
250	28	G 1/2“	39,0	17,5	14,0	41	41		GE-LR-28-G 1/2“-wd-SC
250	28	G 3/4“	38,0	17,5	16,0	41	41		GE-LR-28-G 3/4“-wd-SC
250	28	G 1“	39,0	17,5	18,0	41	41		GE-LR-28-G 1“-wd-SC
250	28	G 1 1/4“	40,0	18,5	20,0	50	41		GE-LR-28-G 1 1/4“-wd-SC
250	28	G 1 1/2“	43,0	20,5	22,0	55	41		GE-LR-28-G 1 1/2“-wd-SC
250	35	G 1/2“	42,0	17,5	14,0	46	50		GE-LR-35-G 1/2“-wd-SC
250	35	G 3/4“	42,0	18,5	16,0	46	50		GE-LR-35-G 3/4“-wd-SC
250	35	G 1“	42,0	17,5	18,0	46	50		GE-LR-35-G 1“-wd-SC
250	35	G 1 1/4“	39,0	17,5	20,0	50	50		GE-LR-35-G 1 1/4“-wd-SC
250	35	G 1 1/2“	44,0	19,5	22,0	55	50		GE-LR-35-G 1 1/2“-wd-SC
250	42	G 1“	47,0	19,0	18,0	55	60		GE-LR-42-G 1“-wd-SC
250	42	G 1 1/4“	47,0	19,0	20,0	55	60		GE-LR-42-G 1 1/4“-wd-SC
250	42	G 1 1/2“	47,0	19,0	22,0	55	60		GE-LR-42-G 1 1/2“-wd-SC
250	42	G 2“	48,0	21,0	23,0	70	60		GE-LR-42-G 2“-wd-SC

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungsstutzen
LL-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Male Stud Coupling Bodies
LL-Series
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series LL

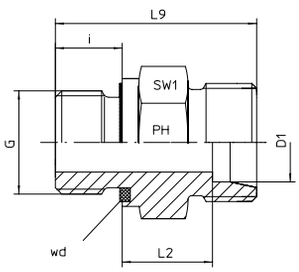
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L9**	**i**	**SW1**		
100	4	G 1/8“	9,5	21,5	8,0	14		GE-LLR-04-G 1/8“-wd-OMD
100	6	G 1/8“	8,0	21,5	8,0	14		GE-LLR-06-G 1/8“-wd-OMD
100	8	G 1/8“	9,0	22,5	8,0	14		GE-LLR-08-G 1/8“-wd-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungsstutzen
L-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Male Stud Coupling Bodies
L-Series
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



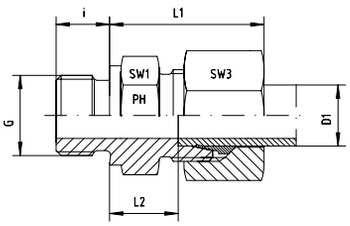
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L9**	**i**	**SW1**		
500	6	G 1/8“	8,5	23,5	8,0	14		GE-LR-06-G 1/8“-wd-OMD
500	6	G 1/4“	9,0	28,0	12,0	19		GE-LR-06-G 1/4“-wd-OMD
400	6	G 3/8“	11,5	30,5	12,0	22		GE-LR-06-G 3/8“-wd-OMD
400	6	G 1/2“	12,0	33,0	14,0	27		GE-LR-06-G 1/2“-wd-OMD
500	8	G 1/8“	9,5	24,5	8,0	14		GE-LR-08-G 1/8“-wd-OMD
500	8	G 1/4“	10,0	29,0	12,0	19		GE-LR-08-G 1/4“-wd-OMD
400	8	G 3/8“	11,5	30,5	12,0	22		GE-LR-08-G 3/8“-wd-OMD
400	8	G 1/2“	13,0	34,0	14,0	27		GE-LR-08-G 1/2“-wd-OMD
500	10	G 1/8“	11,0	36,0	8,0	17		GE-LR-10-G 1/8“-wd-OMD
500	10	G 1/4“	11,0	30,0	12,0	19		GE-LR-10-G 1/4“-wd-OMD
400	10	G 3/8“	12,5	31,5	12,0	22		GE-LR-10-G 3/8“-wd-OMD
400	10	G 1/2“	13,0	34,0	14,0	27		GE-LR-10-G 1/2“-wd-OMD
315	10	G 3/4“	14,0	37,0	16,0	32		GE-LR-10-G 3/4“-wd-OMD
400	12	G 1/8“	11,0	26,0	8,0	19		GE-LR-12-G 1/8“-wd-OMD
400	12	G 1/4“	12,0	31,0	12,0	19		GE-LR-12-G 1/4“-wd-OMD
400	12	G 3/8“	12,5	31,5	12,0	22		GE-LR-12-G 3/8“-wd-OMD
400	12	G 1/2“	13,0	34,0	14,0	27		GE-LR-12-G 1/2“-wd-OMD
315	12	G 3/4“	14,0	37,0	16,0	32		GE-LR-12-G 3/4“-wd-OMD
400	15	G 1/4“	13,0	32,0	12,0	24		GE-LR-15-G 1/4“-wd-OMD
400	15	G 3/8“	13,5	32,5	12,0	24		GE-LR-15-G 3/8“-wd-OMD
400	15	G 1/2“	14,0	35,0	14,0	27		GE-LR-15-G 1/2“-wd-OMD
315	15	G 3/4“	15,0	38,0	16,0	32		GE-LR-15-G 3/4“-wd-OMD
250	15	G 1“	16,0	41,0	18,0	41		GE-LR-15-G 1“-wd-OMD
400	18	G 1/4“	13,5	33,0	12,0	27		GE-LR-18-G 1/4“-wd-OMD
400	18	G 3/8“	12,5	33,5	12,0	27		GE-LR-18-G 3/8“-wd-OMD
400	18	G 1/2“	14,5	36,0	14,0	27		GE-LR-18-G 1/2“-wd-OMD
315	18	G 3/4“	14,5	38,0	16,0	32		GE-LR-18-G 3/4“-wd-OMD
250	18	G 1“	16,5	42,0	18,0	41		GE-LR-18-G 1“-wd-OMD
250	22	G 3/8“	16,0	35,5	12,0	32		GE-LR-22-G 3/8“-wd-OMD
250	22	G 1/2“	16,5	38,0	14,0	32		GE-LR-22-G 1/2“-wd-OMD
250	22	G 3/4“	16,5	40,0	16,0	32		GE-LR-22-G 3/4“-wd-OMD
250	22	G 1“	17,5	43,0	18,0	41		GE-LR-22-G 1“-wd-OMD
250	22	G 1 1/4“	18,5	46,0	20,0	50		GE-LR-22-G 1 1/4“-wd-OMD
250	28	G 1/2“	17,5	39,0	14,0	41		GE-LR-28-G 1/2“-wd-OMD
250	28	G 3/4“	17,5	41,0	16,0	41		GE-LR-28-G 3/4“-wd-OMD
250	28	G 1“	17,5	43,0	18,0	41		GE-LR-28-G 1“-wd-OMD
250	28	G 1 1/4“	18,5	46,0	20,0	50		GE-LR-28-G 1 1/4“-wd-OMD
250	28	G 1 1/2“	20,5	50,0	22,0	55		GE-LR-28-G 1 1/2“-wd-OMD
250	35	G 1/2“	17,5	42,0	14,0	46		GE-LR-35-G 1/2“-wd-OMD
250	35	G 3/4“	18,5	45,0	16,0	46		GE-LR-35-G 3/4“-wd-OMD
250	35	G 1“	17,5	46,0	18,0	46		GE-LR-35-G 1“-wd-OMD
250	35	G 1 1/4“	17,5	48,0	20,0	50		GE-LR-35-G 1 1/4“-wd-OMD
250	35	G 1 1/2“	19,5	52,0	22,0	55		GE-LR-35-G 1 1/2“-wd-OMD
250	42	G 1“	19,0	48,0	18,0	55		GE-LR-42-G 1“-wd-OMD
250	42	G 1 1/4“	19,0	50,0	20,0	55		GE-LR-42-G 1 1/4“-wd-OMD
250	42	G 1 1/2“	19,0	52,0	22,0	55		GE-LR-42-G 1 1/2“-wd-OMD
250	42	G 2“	21,0	55,0	23,0	70		GE-LR-42-G 2“-wd-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Male Stud Couplings
S-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series S

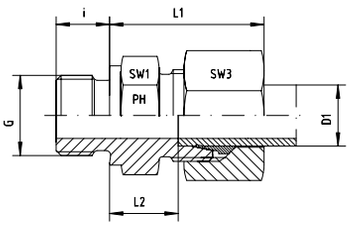
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
630	6	G 1/8“	28,0	13,0	8,0	14	17		GE-SR-06-G 1/8“
630	6	G 1/4“	28,0	13,0	12,0	19	17		GE-SR-06-G 1/4“
630	6	G 3/8“	30,0	15,5	12,0	22	19		GE-SR-06-G 3/8“
630	6	G 1/2“	34,0	17,0	14,0	27	19		GE-SR-06-G 1/2“
630	8	G 1/8“	30,0	14,0	8,0	17	19		GE-SR-08-G 1/8“
630	8	G 1/4“	30,0	15,0	12,0	19	19		GE-SR-08-G 1/4“
630	8	G 3/8“	31,5	15,5	12,0	22	19		GE-SR-08-G 3/8“
630	8	G 1/2“	31,5	15,0	14,0	27	19		GE-SR-08-G 1/2“
630	10	G 1/8“	31,0	13,5	8,0	19	22		GE-SR-10-G 1/8“
630	10	G 1/4“	32,0	14,5	12,0	19	22		GE-SR-10-G 1/4“
630	10	G 3/8“	33,0	15,0	12,0	22	22		GE-SR-10-G 3/8“
630	10	G 1/2“	32,0	13,5	14,0	27	22		GE-SR-10-G 1/2“
630	10	G 3/4“	35,0	17,5	16,0	32	22		GE-SR-10-G 3/4“
630	12	G 1/4“	34,5	16,5	12,0	22	24		GE-SR-12-G 1/4“
630	12	G 3/8“	33,0	17,0	12,0	22	24		GE-SR-12-G 3/8“
630	12	G 1/2“	34,0	17,5	14,0	27	24		GE-SR-12-G 1/2“
630	12	G 3/4“	36,0	17,5	16,0	32	24		GE-SR-12-G 3/4“
630	14	G 1/4“	37,0	17,0	12,0	24	27		GE-SR-14-G 1/4“
630	14	G 3/8“	37,0	17,0	12,0	24	27		GE-SR-14-G 3/8“
630	14	G 1/2“	37,0	19,0	14,0	27	27		GE-SR-14-G 1/2“
400	14	G 3/4“	38,0	19,0	16,0	32	27		GE-SR-14-G 3/4“
400	16	G 1/4“	38,0	17,5	12,0	27	30		GE-SR-16-G 1/4“
400	16	G 3/8“	38,0	18,0	12,0	27	30		GE-SR-16-G 3/8“
400	16	G 1/2“	37,0	18,5	14,0	27	30		GE-SR-16-G 1/2“
400	16	G 3/4“	39,0	20,5	16,0	32	30		GE-SR-16-G 3/4“
400	16	G 1“	43,5	22,5	18,0	41	30		GE-SR-16-G 1“
400	20	G 3/8“	42,0	18,0	12,0	32	36		GE-SR-20-G 3/8“
400	20	G 1/2“	44,5	20,5	14,0	32	36		GE-SR-20-G 1/2“
400	20	G 3/4“	44,5	20,5	16,0	32	36		GE-SR-20-G 3/4“
400	20	G 1“	47,0	22,5	18,0	41	36		GE-SR-20-G 1“
400	20	G 1 1/4“	47,0	22,5	20,0	50	36		GE-SR-20-G 1 1/4“
400	25	G 1/2“	50,5	23,0	14,0	41	46		GE-SR-25-G 1/2“
400	25	G 3/4“	50,0	23,0	16,0	41	46		GE-SR-25-G 3/4“
400	25	G 1“	50,0	23,0	18,0	41	46		GE-SR-25-G 1“
250	25	G 1 1/4“	50,0	23,0	20,0	50	46		GE-SR-25-G 1 1/4“
250	30	G 3/4“	54,0	25,5	16,0	46	50		GE-SR-30-G 3/4“
250	30	G 1“	52,0	23,5	18,0	46	50		GE-SR-30-G 1“
250	30	G 1 1/4“	52,0	23,5	20,0	50	50		GE-SR-30-G 1 1/4“
250	30	G 1 1/2“	52,0	23,5	22,0	55	50		GE-SR-30-G 1 1/2“
250	38	G 1“	57,0	26,0	18,0	55	60		GE-SR-38-G 1“
250	38	G 1 1/4“	59,5	23,0	20,0	55	60		GE-SR-38-G 1 1/4“
250	38	G 1 1/2“	59,5	26,0	22,0	55	60		GE-SR-38-G 1 1/2“
250	38	G 2“	60,0	26,5	23,0	70	60		GE-SR-38-G 2“

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Male Stud Couplings
S-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B



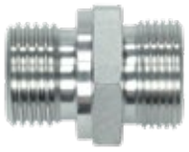
Reihe / Series S

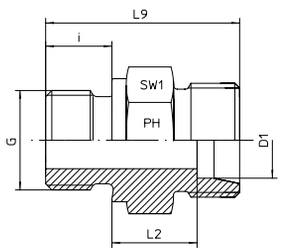
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
630	6	G 1/8“	28,0	13,0	8,0	14	17		GE-SR-06-G 1/8“-SC
630	6	G 1/4“	28,0	13,0	12,0	19	17		GE-SR-06-G 1/4“-SC
630	6	G 3/8“	30,0	15,5	12,0	22	19		GE-SR-06-G 3/8“-SC
630	6	G 1/2“	34,0	17,0	14,0	27	19		GE-SR-06-G 1/2“-SC
630	8	G 1/8“	30,0	14,0	8,0	17	19		GE-SR-08-G 1/8“-SC
630	8	G 1/4“	30,0	15,0	12,0	19	19		GE-SR-08-G 1/4“-SC
630	8	G 3/8“	31,5	15,5	12,0	22	19		GE-SR-08-G 3/8“-SC
630	8	G 1/2“	31,5	15,0	14,0	27	19		GE-SR-08-G 1/2“-SC
630	10	G 1/8“	31,0	13,5	8,0	19	22		GE-SR-10-G 1/8“-SC
630	10	G 1/4“	32,0	14,5	12,0	19	22		GE-SR-10-G 1/4“-SC
630	10	G 3/8“	33,0	15,0	12,0	22	22		GE-SR-10-G 3/8“-SC
630	10	G 1/2“	32,0	13,5	14,0	27	22		GE-SR-10-G 1/2“-SC
630	10	G 3/4“	35,0	17,5	16,0	32	22		GE-SR-10-G 3/4“-SC
630	12	G 1/4“	34,5	16,5	12,0	22	24		GE-SR-12-G 1/4“-SC
630	12	G 3/8“	33,0	17,0	12,0	22	24		GE-SR-12-G 3/8“-SC
630	12	G 1/2“	34,0	17,5	14,0	27	24		GE-SR-12-G 1/2“-SC
630	12	G 3/4“	36,0	17,5	16,0	32	24		GE-SR-12-G 3/4“-SC
630	14	G 1/4“	37,0	17,0	12,0	24	27		GE-SR-14-G 1/4“-SC
630	14	G 3/8“	37,0	17,0	12,0	24	27		GE-SR-14-G 3/8“-SC
630	14	G 1/2“	37,0	19,0	14,0	27	27		GE-SR-14-G 1/2“-SC
400	14	G 3/4“	38,0	19,0	16,0	32	27		GE-SR-14-G 3/4“-SC
400	16	G 1/4“	38,0	17,5	12,0	27	30		GE-SR-16-G 1/4“-SC
400	16	G 3/8“	38,0	18,0	12,0	27	30		GE-SR-16-G 3/8“-SC
400	16	G 1/2“	37,0	18,5	14,0	27	30		GE-SR-16-G 1/2“-SC
400	16	G 3/4“	39,0	20,5	16,0	32	30		GE-SR-16-G 3/4“-SC
400	16	G 1“	43,5	22,5	18,0	41	30		GE-SR-16-G 1“-SC
400	20	G 3/8“	42,0	18,0	12,0	32	36		GE-SR-20-G 3/8“-SC
400	20	G 1/2“	44,5	20,5	14,0	32	36		GE-SR-20-G 1/2“-SC
400	20	G 3/4“	44,5	20,5	16,0	32	36		GE-SR-20-G 3/4“-SC
400	20	G 1“	47,0	22,5	18,0	41	36		GE-SR-20-G 1“-SC
400	20	G 1 1/4“	47,0	22,5	20,0	50	36		GE-SR-20-G 1 1/4“-SC
400	25	G 1/2“	50,5	23,0	14,0	41	46		GE-SR-25-G 1/2“-SC
400	25	G 3/4“	50,0	23,0	16,0	41	46		GE-SR-25-G 3/4“-SC
400	25	G 1“	50,0	23,0	18,0	41	46		GE-SR-25-G 1“-SC
250	25	G 1 1/4“	50,0	23,0	20,0	50	46		GE-SR-25-G 1 1/4“-SC
250	30	G 3/4“	54,0	25,5	16,0	46	50		GE-SR-30-G 3/4“-SC
250	30	G 1“	52,0	23,5	18,0	46	50		GE-SR-30-G 1“-SC
250	30	G 1 1/4“	52,0	23,5	20,0	50	50		GE-SR-30-G 1 1/4“-SC
250	30	G 1 1/2“	52,0	23,5	22,0	55	50		GE-SR-30-G 1 1/2“-SC
250	38	G 1“	57,0	26,0	18,0	55	60		GE-SR-38-G 1“-SC
250	38	G 1 1/4“	59,5	23,0	20,0	55	60		GE-SR-38-G 1 1/4“-SC
250	38	G 1 1/2“	59,5	26,0	22,0	55	60		GE-SR-38-G 1 1/2“-SC
250	38	G 2“	60,0	26,5	23,0	70	60		GE-SR-38-G 2“-SC

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungsstutzen
S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Male Stud Coupling Bodies
S-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B





Reihe / Series S

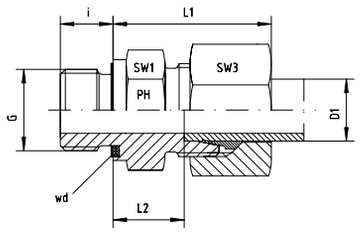
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L9	i	SW1		
630	6	G 1/8“	13,0	28,0	8,0	14		GE-SR-06-G 1/8“-OMD
630	6	G 1/4“	13,0	32,0	12,0	19		GE-SR-06-G 1/4“-OMD
630	6	G 3/8“	15,5	34,5	12,0	22		GE-SR-06-G 3/8“-OMD
630	6	G 1/2“	17,0	38,0	14,0	27		GE-SR-06-G 1/2“-OMD
630	8	G 1/8“	14,0	29,0	8,0	17		GE-SR-08-G 1/8“-OMD
630	8	G 1/4“	15,0	34,0	12,0	19		GE-SR-08-G 1/4“-OMD
630	8	G 3/8“	15,5	34,0	12,0	22		GE-SR-08-G 3/8“-OMD
630	8	G 1/2“	15,0	36,0	14,0	27		GE-SR-08-G 1/2“-OMD
630	10	G 1/8“	13,5	29,0	8,0	19		GE-SR-10-G 1/8“-OMD
630	10	G 1/4“	14,5	34,0	12,0	19		GE-SR-10-G 1/4“-OMD
630	10	G 3/8“	15,0	34,5	12,0	22		GE-SR-10-G 3/8“-OMD
630	10	G 1/2“	13,5	35,0	14,0	27		GE-SR-10-G 1/2“-OMD
630	10	G 3/4“	17,5	41,0	16,0	32		GE-SR-10-G 3/4“-OMD
630	12	G 1/4“	16,5	36,0	12,0	22		GE-SR-12-G 1/4“-OMD
630	12	G 3/8“	17,0	36,5	12,0	22		GE-SR-12-G 3/8“-OMD
630	12	G 1/2“	17,5	39,0	14,0	27		GE-SR-12-G 1/2“-OMD
630	12	G 3/4“	17,5	41,0	16,0	32		GE-SR-12-G 3/4“-OMD
630	14	G 1/4“	17,0	37,0	12,0	24		GE-SR-14-G 1/4“-OMD
630	14	G 3/8“	17,0	37,0	12,0	24		GE-SR-14-G 3/8“-OMD
630	14	G 1/2“	19,0	41,0	14,0	27		GE-SR-14-G 1/2“-OMD
400	14	G 3/4“	19,0	43,0	16,0	32		GE-SR-14-G 3/4“-OMD
400	16	G 1/4“	17,5	38,0	12,0	27		GE-SR-16-G 1/4“-OMD
400	16	G 3/8“	18,0	38,5	12,0	27		GE-SR-16-G 3/8“-OMD
400	16	G 1/2“	18,5	41,0	14,0	27		GE-SR-16-G 1/2“-OMD
400	16	G 3/4“	20,5	45,0	16,0	32		GE-SR-16-G 3/4“-OMD
400	16	G 1“	22,5	49,0	18,0	41		GE-SR-16-G 1“-OMD
400	20	G 3/8“	18,0	40,5	12,0	32		GE-SR-20-G 3/8“-OMD
400	20	G 1/2“	20,5	45,0	14,0	32		GE-SR-20-G 1/2“-OMD
400	20	G 3/4“	20,5	47,0	16,0	32		GE-SR-20-G 3/4“-OMD
400	20	G 1“	22,5	51,0	18,0	41		GE-SR-20-G 1“-OMD
400	20	G 1 1/4“	22,5	53,0	20,0	50		GE-SR-20-G 1 1/4“-OMD
400	25	G 1/2“	23,0	49,0	14,0	41		GE-SR-25-G 1/2“-OMD
400	25	G 3/4“	23,0	51,0	16,0	41		GE-SR-25-G 3/4“-OMD
400	25	G 1“	23,0	53,0	18,0	41		GE-SR-25-G 1“-OMD
250	25	G 1 1/4“	23,0	55,0	20,0	50		GE-SR-25-G 1 1/4“-OMD
250	30	G 3/4“	25,5	55,0	16,0	46		GE-SR-30-G 3/4“-OMD
250	30	G 1“	23,5	55,0	18,0	46		GE-SR-30-G 1“-OMD
250	30	G 1 1/4“	23,5	57,0	20,0	50		GE-SR-30-G 1 1/4“-OMD
250	30	G 1 1/2“	23,5	59,0	22,0	55		GE-SR-30-G 1 1/2“-OMD
250	38	G 1“	26,0	60,0	18,0	55		GE-SR-38-G 1“-OMD
250	38	G 1 1/4“	23,0	62,0	20,0	55		GE-SR-38-G 1 1/4“-OMD
250	38	G 1 1/2“	26,0	64,0	22,0	55		GE-SR-38-G 1 1/2“-OMD
250	38	G 2“	26,5	65,5	23,0	70		GE-SR-38-G 2“-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Male Stud Couplings
S-Series
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
800	6	G 1/8“	28,0	13,0	8,0	14	17		GE-SR-06-G 1/8“-wd
800	6	G 1/4“	28,0	13,0	12,0	19	17		GE-SR-06-G 1/4“-wd
800	6	G 3/8“	30,0	15,5	12,0	22	19		GE-SR-06-G 3/8“-wd
630	6	G 1/2“	34,0	17,0	14,0	27	19		GE-SR-06-G 1/2“-wd
800	8	G 1/8“	30,0	14,0	8,0	17	19		GE-SR-08-G 1/8“-wd
800	8	G 1/4“	30,0	15,0	12,0	19	19		GE-SR-08-G 1/4“-wd
800	8	G 3/8“	31,5	15,5	12,0	22	19		GE-SR-08-G 3/8“-wd
630	8	G 1/2“	31,5	15,0	14,0	27	19		GE-SR-08-G 1/2“-wd
800	10	G 1/8“	31,0	13,5	8,0	19	22		GE-SR-10-G 1/8“-wd
800	10	G 1/4“	32,0	14,5	12,0	19	22		GE-SR-10-G 1/4“-wd
800	10	G 3/8“	33,0	15,0	12,0	22	22		GE-SR-10-G 3/8“-wd
630	10	G 1/2“	32,0	13,5	14,0	27	22		GE-SR-10-G 1/2“-wd
420	10	G 3/4“	35,0	17,5	16,0	32	22		GE-SR-10-G 3/4“-wd
630	12	G 1/4“	34,5	16,5	12,0	22	24		GE-SR-12-G 1/4“-wd
630	12	G 3/8“	33,0	17,0	12,0	22	24		GE-SR-12-G 3/8“-wd
630	12	G 1/2“	34,0	17,5	14,0	27	24		GE-SR-12-G 1/2“-wd
420	12	G 3/4“	36,0	17,5	16,0	32	24		GE-SR-12-G 3/4“-wd
630	14	G 1/4“	37,0	17,0	12,0	24	27		GE-SR-14-G 1/4“-wd
630	14	G 3/8“	37,0	17,0	12,0	24	27		GE-SR-14-G 3/8“-wd
630	14	G 1/2“	37,0	19,0	14,0	27	27		GE-SR-14-G 1/2“-wd
420	14	G 3/4“	38,0	19,0	16,0	32	27		GE-SR-14-G 3/4“-wd
630	16	G 1/4“	38,0	17,5	12,0	27	30		GE-SR-16-G 1/4“-wd
630	16	G 3/8“	38,0	18,0	12,0	27	30		GE-SR-16-G 3/8“-wd
630	16	G 1/2“	37,0	18,5	14,0	27	30		GE-SR-16-G 1/2“-wd
420	16	G 3/4“	39,0	20,5	16,0	32	30		GE-SR-16-G 3/4“-wd
420	16	G 1“	43,5	22,5	18,0	41	30		GE-SR-16-G 1“-wd
420	20	G 3/8“	42,0	18,0	12,0	32	36		GE-SR-20-G 3/8“-wd
420	20	G 1/2“	44,5	20,5	14,0	32	36		GE-SR-20-G 1/2“-wd
420	20	G 3/4“	44,5	20,5	16,0	32	36		GE-SR-20-G 3/4“-wd
420	20	G 1“	47,0	22,5	18,0	41	36		GE-SR-20-G 1“-wd
420	20	G 1 1/4“	47,0	22,5	20,0	50	36		GE-SR-20-G 1 1/4“-wd
420	25	G 1/2“	50,5	23,0	14,0	41	46		GE-SR-25-G 1/2“-wd
420	25	G 3/4“	50,0	23,0	16,0	41	46		GE-SR-25-G 3/4“-wd
420	25	G 1“	50,0	23,0	18,0	41	46		GE-SR-25-G 1“-wd
420	25	G 1 1/4“	50,0	23,0	20,0	50	46		GE-SR-25-G 1 1/4“-wd
420	30	G 3/4“	54,0	25,5	16,0	46	50		GE-SR-30-G 3/4“-wd
420	30	G 1“	52,0	23,5	18,0	46	50		GE-SR-30-G 1“-wd
420	30	G 1 1/4“	52,0	23,5	20,0	50	50		GE-SR-30-G 1 1/4“-wd
420	30	G 1 1/2“	52,0	23,5	22,0	55	50		GE-SR-30-G 1 1/2“-wd
420	38	G 1“	57,0	26,0	18,0	55	60		GE-SR-38-G 1“-wd
420	38	G 1 1/4“	59,5	23,0	20,0	55	60		GE-SR-38-G 1 1/4“-wd
420	38	G 1 1/2“	59,5	26,0	22,0	55	60		GE-SR-38-G 1 1/2“-wd
250	38	G 2“	60,0	26,5	23,0	70	60		GE-SR-38-G 2“-wd

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
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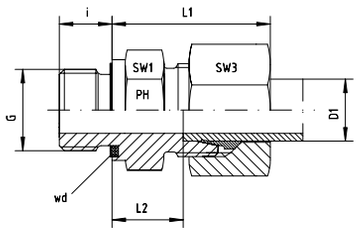

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
800	6	G 1/8“	28,0	13,0	8,0	14	17		GE-SR-06-G 1/8“-wd-SC
800	6	G 1/4“	28,0	13,0	12,0	19	17		GE-SR-06-G 1/4“-wd-SC
800	6	G 3/8“	30,0	15,5	12,0	22	19		GE-SR-06-G 3/8“-wd-SC
630	6	G 1/2“	34,0	17,0	14,0	27	19		GE-SR-06-G 1/2“-wd-SC
800	8	G 1/8“	30,0	14,0	8,0	17	19		GE-SR-08-G 1/8“-wd-SC
800	8	G 1/4“	30,0	15,0	12,0	19	19		GE-SR-08-G 1/4“-wd-SC
800	8	G 3/8“	31,5	15,5	12,0	22	19		GE-SR-08-G 3/8“-wd-SC
630	8	G 1/2“	31,5	15,0	14,0	27	19		GE-SR-08-G 1/2“-wd-SC
800	10	G 1/8“	31,0	13,5	8,0	19	22		GE-SR-10-G 1/8“-wd-SC
800	10	G 1/4“	32,0	14,5	12,0	19	22		GE-SR-10-G 1/4“-wd-SC
800	10	G 3/8“	33,0	15,0	12,0	22	22		GE-SR-10-G 3/8“-wd-SC
630	10	G 1/2“	32,0	13,5	14,0	27	22		GE-SR-10-G 1/2“-wd-SC
420	10	G 3/4“	35,0	17,5	16,0	32	22		GE-SR-10-G 3/4“-wd-SC
630	12	G 1/4“	34,5	16,5	12,0	22	24		GE-SR-12-G 1/4“-wd-SC
630	12	G 3/8“	33,0	17,0	12,0	22	24		GE-SR-12-G 3/8“-wd-SC
630	12	G 1/2“	34,0	17,5	14,0	27	24		GE-SR-12-G 1/2“-wd-SC
420	12	G 3/4“	36,0	17,5	16,0	32	24		GE-SR-12-G 3/4“-wd-SC
630	14	G 1/4“	37,0	17,0	12,0	24	27		GE-SR-14-G 1/4“-wd-SC
630	14	G 3/8“	37,0	17,0	12,0	24	27		GE-SR-14-G 3/8“-wd-SC
630	14	G 1/2“	37,0	19,0	14,0	27	27		GE-SR-14-G 1/2“-wd-SC
420	14	G 3/4“	38,0	19,0	16,0	32	27		GE-SR-14-G 3/4“-wd-SC
630	16	G 1/4“	38,0	17,5	12,0	27	30		GE-SR-16-G 1/4“-wd-SC
630	16	G 3/8“	38,0	18,0	12,0	27	30		GE-SR-16-G 3/8“-wd-SC
630	16	G 1/2“	37,0	18,5	14,0	27	30		GE-SR-16-G 1/2“-wd-SC
420	16	G 3/4“	39,0	20,5	16,0	32	30		GE-SR-16-G 3/4“-wd-SC
420	16	G 1“	43,5	22,5	18,0	41	30		GE-SR-16-G 1“-wd-SC
420	20	G 3/8“	42,0	18,0	12,0	32	36		GE-SR-20-G 3/8“-wd-SC
420	20	G 1/2“	44,5	20,5	14,0	32	36		GE-SR-20-G 1/2“-wd-SC
420	20	G 3/4“	44,5	20,5	16,0	32	36		GE-SR-20-G 3/4“-wd-SC
420	20	G 1“	47,0	22,5	18,0	41	36		GE-SR-20-G 1“-wd-SC
420	20	G 1 1/4“	47,0	22,5	20,0	50	36		GE-SR-20-G 1 1/4“-wd-SC
420	25	G 1/2“	50,5	23,0	14,0	41	46		GE-SR-25-G 1/2“-wd-SC
420	25	G 3/4“	50,0	23,0	16,0	41	46		GE-SR-25-G 3/4“-wd-SC
420	25	G 1“	50,0	23,0	18,0	41	46		GE-SR-25-G 1“-wd-SC
420	25	G 1 1/4“	50,0	23,0	20,0	50	46		GE-SR-25-G 1 1/4“-wd-SC
420	30	G 3/4“	54,0	25,5	16,0	46	50		GE-SR-30-G 3/4“-wd-SC
420	30	G 1“	52,0	23,5	18,0	46	50		GE-SR-30-G 1“-wd-SC
420	30	G 1 1/4“	52,0	23,5	20,0	50	50		GE-SR-30-G 1 1/4“-wd-SC
420	30	G 1 1/2“	52,0	23,5	22,0	55	50		GE-SR-30-G 1 1/2“-wd-SC
420	38	G 1“	57,0	26,0	18,0	55	60		GE-SR-38-G 1“-wd-SC
420	38	G 1 1/4“	59,5	23,0	20,0	55	60		GE-SR-38-G 1 1/4“-wd-SC
420	38	G 1 1/2“	59,5	26,0	22,0	55	60		GE-SR-38-G 1 1/2“-wd-SC
250	38	G 2“	60,0	26,5	23,0	70	60		GE-SR-38-G 2“-wd-SC

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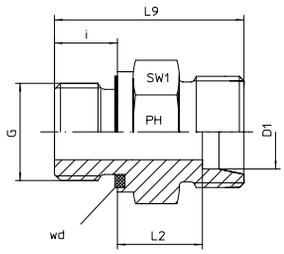
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Male Stud Coupling Bodies
S-Series
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



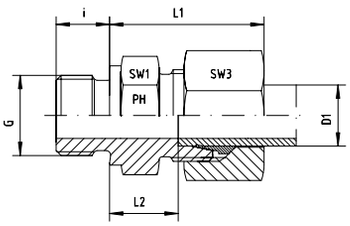
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L9	i	SW1		
800	6	G 1/8“	13,0	28,0	8,0	14		GE-SR-06-G 1/8“-wd-OMD
800	6	G 1/4“	13,0	32,0	12,0	19		GE-SR-06-G 1/4“-wd-OMD
800	6	G 3/8“	15,5	34,5	12,0	22		GE-SR-06-G 3/8“-wd-OMD
630	6	G 1/2“	17,0	38,0	14,0	27		GE-SR-06-G 1/2“-wd-OMD
800	8	G 1/8“	14,0	29,0	8,0	17		GE-SR-08-G 1/8“-wd-OMD
800	8	G 1/4“	15,0	34,0	12,0	19		GE-SR-08-G 1/4“-wd-OMD
800	8	G 3/8“	15,5	34,5	12,0	22		GE-SR-08-G 3/8“-wd-OMD
630	8	G 1/2“	15,0	36,0	14,0	27		GE-SR-08-G 1/2“-wd-OMD
800	10	G 1/8“	13,5	29,0	8,0	19		GE-SR-10-G 1/8“-wd-OMD
800	10	G 1/4“	14,5	34,0	12,0	19		GE-SR-10-G 1/4“-wd-OMD
800	10	G 3/8“	15,0	34,5	12,0	22		GE-SR-10-G 3/8“-wd-OMD
630	10	G 1/2“	13,5	35,0	14,0	27		GE-SR-10-G 1/2“-wd-OMD
420	10	G 3/4“	17,5	41,0	16,0	32		GE-SR-10-G 3/4“-wd-OMD
630	12	G 1/4“	16,5	36,0	12,0	22		GE-SR-12-G 1/4“-wd-OMD
630	12	G 3/8“	17,0	36,5	12,0	22		GE-SR-12-G 3/8“-wd-OMD
630	12	G 1/2“	17,5	39,0	14,0	27		GE-SR-12-G 1/2“-wd-OMD
420	12	G 3/4“	17,5	41,0	16,0	32		GE-SR-12-G 3/4“-wd-OMD
630	14	G 1/4“	17,0	37,0	12,0	24		GE-SR-14-G 1/4“-wd-OMD
630	14	G 3/8“	17,0	39,0	12,0	24		GE-SR-14-G 3/8“-wd-OMD
630	14	G 1/2“	19,0	41,0	14,0	27		GE-SR-14-G 1/2“-wd-OMD
420	14	G 3/4“	19,0	43,0	16,0	32		GE-SR-14-G 3/4“-wd-OMD
630	16	G 1/4“	17,5	38,0	12,0	27		GE-SR-16-G 1/4“-wd-OMD
630	16	G 3/8“	18,0	38,5	12,0	27		GE-SR-16-G 3/8“-wd-OMD
630	16	G 1/2“	18,5	41,0	14,0	27		GE-SR-16-G 1/2“-wd-OMD
420	16	G 3/4“	20,5	45,0	16,0	32		GE-SR-16-G 3/4“-wd-OMD
420	16	G 1“	22,5	49,0	18,0	41		GE-SR-16-G 1“-wd-OMD
420	20	G 3/8“	18,0	40,5	12,0	32		GE-SR-20-G 3/8“-wd-OMD
420	20	G 1/2“	20,5	45,0	14,0	32		GE-SR-20-G 1/2“-wd-OMD
420	20	G 3/4“	20,5	47,0	16,0	32		GE-SR-20-G 3/4“-wd-OMD
420	20	G 1“	22,5	51,0	18,0	41		GE-SR-20-G 1“-wd-OMD
420	20	G 1 1/4“	22,5	53,0	20,0	50		GE-SR-20-G 1 1/4“-wd-OMD
420	25	G 1/2“	23,0	49,0	14,0	41		GE-SR-25-G 1/2“-wd-OMD
420	25	G 3/4“	23,0	51,0	16,0	41		GE-SR-25-G 3/4“-wd-OMD
420	25	G 1“	23,0	53,0	18,0	41		GE-SR-25-G 1“-wd-OMD
420	25	G 1 1/4“	23,0	55,0	20,0	50		GE-SR-25-G 1 1/4“-wd-OMD
420	30	G 3/4“	25,5	55,0	16,0	46		GE-SR-30-G 3/4“-wd-OMD
420	30	G 1“	23,5	55,0	18,0	46		GE-SR-30-G 1“-wd-OMD
420	30	G 1 1/4“	23,5	57,0	20,0	50		GE-SR-30-G 1 1/4“-wd-OMD
420	30	G 1 1/2“	23,5	59,0	22,0	55		GE-SR-30-G 1 1/2“-wd-OMD
420	38	G 1“	26,0	60,0	18,0	55		GE-SR-38-G 1“-wd-OMD
420	38	G 1 1/4“	23,0	62,0	20,0	55		GE-SR-38-G 1 1/4“-wd-OMD
420	38	G 1 1/2“	26,0	64,0	22,0	55		GE-SR-38-G 1 1/2“-wd-OMD
250	38	G 2“	26,5	65,5	23,0	70		GE-SR-38-G 2“-wd-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Male Stud Couplings
L-Series
Thread: Metric - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

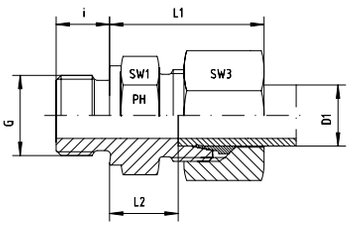
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
315	6	M 10 x 1	23,0	8,5	8,0	14	14		GE-L-06-M 10x1
315	6	M 12 x 1,5	27,0	10,0	12,0	17	14		GE-L-06-M 12x1,5
315	6	M 14 x 1,5	27,0	10,0	12,0	19	14		GE-L-06-M 14x1,5
315	8	M 10 x 1	26,0	9,5	8,0	17	17		GE-L-08-M 10x1
315	8	M 12 x 1,5	25,0	10,0	12,0	17	17		GE-L-08-M 12x1,5
315	8	M 14 x 1,5	27,0	10,0	12,0	19	17		GE-L-08-M 14x1,5
315	8	M 16 x 1,5	27,5	11,5	12,0	22	17		GE-L-08-M 16x1,5
315	8	M 18 x 1,5	27,5	11,5	12,0	24	17		GE-L-08-M 18x1,5
315	10	M 10 x 1	28,5	11,0	8,0	17	19		GE-L-10-M 10x1
315	10	M 12 x 1,5	28,5	11,5	12,0	17	19		GE-L-10-M 12x1,5
315	10	M 14 x 1,5	26,0	11,0	12,0	19	19		GE-L-10-M 14x1,5
315	10	M 16 x 1,5	30,0	12,5	12,0	22	19		GE-L-10-M 16x1,5
315	10	M 18 x 1,5	30,0	12,5	12,0	24	19		GE-L-10-M 18x1,5
315	10	M 22 x 1,5	31,5	14,0	14,0	27	19		GE-L-10-M 22x1,5
315	12	M 12 x 1,5	28,0	13,0	12,0	19	22		GE-L-12-M 12x1,5
315	12	M 14 x 1,5	28,0	12,5	12,0	19	22		GE-L-12-M 14x1,5
315	12	M 16 x 1,5	27,0	12,5	12,0	22	22		GE-L-12-M 16x1,5
315	12	M 18 x 1,5	30,0	12,5	12,0	24	22		GE-L-12-M 18x1,5
315	12	M 22 x 1,5	32,0	14,0	14,0	27	22		GE-L-12-M 22x1,5
315	15	M 16 x 1,5	32,0	13,5	12,0	24	27		GE-L-15-M 16x1,5
315	15	M 18 x 1,5	29,0	13,5	12,0	24	27		GE-L-15-M 18x1,5
315	15	M 22 x 1,5	33,0	15,0	14,0	27	27		GE-L-15-M 22x1,5
315	18	M 18 x 1,5	33,0	14,0	12,0	27	32		GE-L-18-M 18x1,5
315	18	M 22 x 1,5	31,0	14,5	14,0	27	32		GE-L-18-M 22x1,5
160	18	M 26 x 1,5	34,5	14,5	16,0	32	32		GE-L-18-M 26x1,5
160	22	M 22 x 1,5	38,0	17,5	14,0	32	36		GE-L-22-M 22x1,5
160	22	M 26 x 1,5	33,0	16,5	16,0	32	36		GE-L-22-M 26x1,5
160	28	M 33 x 2	34,0	17,5	18,0	41	41		GE-L-28-M 33x2
160	35	M 42 x 2	39,0	17,5	20,0	50	50		GE-L-35-M 42x2
160	42	M 48 x 2	42,0	19,0	22,0	55	60		GE-L-42-M 48x2

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Male Stud Couplings
L-Series
Thread: Metric - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

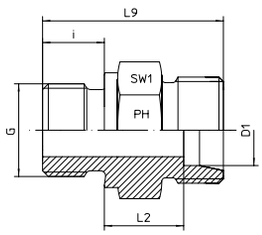
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
315	6	M 10 x 1	23,0	8,5	8,0	14	14		GE-L-06-M 10x1-SC
315	6	M 12 x 1,5	27,0	10,0	12,0	17	14		GE-L-06-M 12x1,5-SC
315	6	M 14 x 1,5	27,0	10,0	12,0	19	14		GE-L-06-M 14x1,5-SC
315	8	M 10 x 1	26,0	9,5	8,0	17	17		GE-L-08-M 10x1-SC
315	8	M 12 x 1,5	25,0	10,0	12,0	17	17		GE-L-08-M 12x1,5-SC
315	8	M 14 x 1,5	27,0	10,0	12,0	19	17		GE-L-08-M 14x1,5-SC
315	8	M 16 x 1,5	27,5	11,5	12,0	22	17		GE-L-08-M 16x1,5-SC
315	8	M 18 x 1,5	27,5	11,5	12,0	24	17		GE-L-08-M 18x1,5-SC
315	10	M 10 x 1	28,5	11,0	8,0	17	19		GE-L-10-M 10x1-SC
315	10	M 12 x 1,5	28,5	11,5	12,0	17	19		GE-L-10-M 12x1,5-SC
315	10	M 14 x 1,5	26,0	11,0	12,0	19	19		GE-L-10-M 14x1,5-SC
315	10	M 16 x 1,5	30,0	12,5	12,0	22	19		GE-L-10-M 16x1,5-SC
315	10	M 18 x 1,5	30,0	12,5	12,0	24	19		GE-L-10-M 18x1,5-SC
315	10	M 22 x 1,5	31,5	14,0	14,0	27	19		GE-L-10-M 22x1,5-SC
315	12	M 12 x 1,5	28,0	13,0	12,0	19	22		GE-L-12-M 12x1,5-SC
315	12	M 14 x 1,5	28,0	12,5	12,0	19	22		GE-L-12-M 14x1,5-SC
315	12	M 16 x 1,5	27,0	12,5	12,0	22	22		GE-L-12-M 16x1,5-SC
315	12	M 18 x 1,5	30,0	12,5	12,0	24	22		GE-L-12-M 18x1,5-SC
315	12	M 22 x 1,5	32,0	14,0	14,0	27	22		GE-L-12-M 22x1,5-SC
315	15	M 16 x 1,5	32,0	13,5	12,0	24	27		GE-L-15-M 16x1,5-SC
315	15	M 18 x 1,5	29,0	13,5	12,0	24	27		GE-L-15-M 18x1,5-SC
315	15	M 22 x 1,5	33,0	15,0	14,0	27	27		GE-L-15-M 22x1,5-SC
315	18	M 18 x 1,5	33,0	14,0	12,0	27	32		GE-L-18-M 18x1,5-SC
315	18	M 22 x 1,5	31,0	14,5	14,0	27	32		GE-L-18-M 22x1,5-SC
160	18	M 26 x 1,5	34,5	14,5	16,0	32	32		GE-L-18-M 26x1,5-SC
160	22	M 22 x 1,5	38,0	17,5	14,0	32	36		GE-L-22-M 22x1,5-SC
160	22	M 26 x 1,5	33,0	16,5	16,0	32	36		GE-L-22-M 26x1,5-SC
160	28	M 33 x 2	34,0	17,5	18,0	41	41		GE-L-28-M 33x2-SC
160	35	M 42 x 2	39,0	17,5	20,0	50	50		GE-L-35-M 42x2-SC
160	42	M 48 x 2	42,0	19,0	22,0	55	60		GE-L-42-M 48x2-SC

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Male Stud Couplings
L-Series
Thread: Metric - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

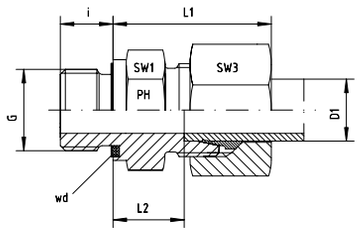
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L9	i	SW1		
315	6	M 10 x 1	8,5	23,5	8,0	14		GE-L-06-M 10x1-OMD
315	6	M 12 x 1,5	10,0	29,0	12,0	17		GE-L-06-M 12x1,5-OMD
315	6	M 14 x 1,5	10,0	29,0	12,0	19		GE-L-06-M 14x1,5-OMD
315	8	M 10 x 1	9,5	24,5	8,0	17		GE-L-08-M 10x1-OMD
315	8	M 12 x 1,5	10,0	29,0	12,0	17		GE-L-08-M 12x1,5-OMD
315	8	M 14 x 1,5	10,0	29,0	12,0	19		GE-L-08-M 14x1,5-OMD
315	8	M 16 x 1,5	11,5	30,5	12,0	22		GE-L-08-M 16x1,5-OMD
315	8	M 18 x 1,5	11,5	30,5	12,0	24		GE-L-08-M 18x1,5-OMD
315	10	M 10 x 1	11,0	26,0	8,0	17		GE-L-10-M 10x1-OMD
315	10	M 12 x 1,5	11,5	30,0	12,0	17		GE-L-10-M 12x1,5-OMD
315	10	M 14 x 1,5	11,0	30,0	12,0	19		GE-L-10-M 14x1,5-OMD
315	10	M 16 x 1,5	12,5	31,5	12,0	22		GE-L-10-M 16x1,5-OMD
315	10	M 18 x 1,5	12,5	31,5	12,0	24		GE-L-10-M 18x1,5-OMD
315	10	M 22 x 1,5	14,0	35,0	14,0	27		GE-L-10-M 22x1,5-OMD
315	12	M 12 x 1,5	13,0	32,0	12,0	19		GE-L-12-M 12x1,5-OMD
315	12	M 14 x 1,5	12,5	31,5	12,0	19		GE-L-12-M 14x1,5-OMD
315	12	M 16 x 1,5	12,5	31,5	12,0	22		GE-L-12-M 16x1,5-OMD
315	12	M 18 x 1,5	12,5	31,5	12,0	24		GE-L-12-M 18x1,5-OMD
315	12	M 22 x 1,5	14,0	35,0	14,0	27		GE-L-12-M 22x1,5-OMD
315	15	M 16 x 1,5	13,5	32,5	12,0	24		GE-L-15-M 16x1,5-OMD
315	15	M 18 x 1,5	13,5	32,5	12,0	24		GE-L-15-M 18x1,5-OMD
315	15	M 22 x 1,5	15,0	36,0	14,0	27		GE-L-15-M 22x1,5-OMD
315	18	M 18 x 1,5	14,0	33,5	12,0	27		GE-L-18-M 18x1,5-OMD
315	18	M 22 x 1,5	14,5	36,0	14,0	27		GE-L-18-M 22x1,5-OMD
160	18	M 26 x 1,5	14,5	38,0	16,0	32		GE-L-18-M 26x1,5-OMD
160	22	M 22 x 1,5	17,5	38,0	14,0	32		GE-L-22-M 22x1,5-OMD
160	22	M 26 x 1,5	16,5	40,0	16,0	32		GE-L-22-M 26x1,5-OMD
160	28	M 33 x 2	17,5	43,0	18,0	41		GE-L-28-M 33x2-OMD
160	35	M 42 x 2	17,5	48,0	20,0	50		GE-L-35-M 42x2-OMD
160	42	M 48 x 2	19,0	52,0	22,0	55		GE-L-42-M 48x2-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
LL- und L-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Male Stud Couplings
LL- and L-Series
Thread: Metric - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
100	8	M 10 x 1		9,0	8	14	14		GE-LL-08-M 10x1-wd

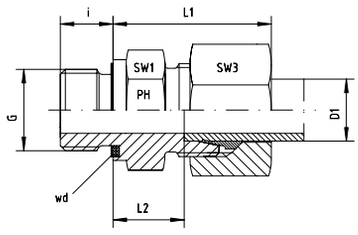
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
500	6	M 10 x 1	23,0	8,5	8,0	14	14		GE-L-06-M 10x1-wd
500	6	M 12 x 1,5	27,0	10,0	12,0	17	14		GE-L-06-M 12x1,5-wd
500	6	M 14 x 1,5	27,0	10,0	12,0	19	14		GE-L-06-M 14x1,5-wd
500	8	M 10 x 1	26,0	9,5	8,0	17	17		GE-L-08-M 10x1-wd
500	8	M 12 x 1,5	25,0	10,0	12,0	17	17		GE-L-08-M 12x1,5-wd
500	8	M 14 x 1,5	27,0	10,0	12,0	19	17		GE-L-08-M 14x1,5-wd
400	8	M 16 x 1,5	27,5	11,5	12,0	22	17		GE-L-08-M 16x1,5-wd
400	8	M 18 x 1,5	27,5	11,5	12,0	24	17		GE-L-08-M 18x1,5-wd
400	8	M 22 x 1,5	29,0	13,0	14,0	27	17		GE-L-08-M 22x1,5-wd
500	10	M 10 x 1	28,5	11,0	8,0	17	19		GE-L-10-M 10x1-wd
500	10	M 12 x 1,5	28,5	11,5	12,0	17	19		GE-L-10-M 12x1,5-wd
500	10	M 14 x 1,5	26,0	11,0	12,0	19	19		GE-L-10-M 14x1,5-wd
400	10	M 16 x 1,5	30,0	12,5	12,0	22	19		GE-L-10-M 16x1,5-wd
400	10	M 18 x 1,5	30,0	12,5	12,0	24	19		GE-L-10-M 18x1,5-wd
400	10	M 22 x 1,5	31,5	14,0	14,0	27	19		GE-L-10-M 22x1,5-wd
400	12	M 12 x 1,5	28,0	13,0	12,0	19	22		GE-L-12-M 12x1,5-wd
400	12	M 14 x 1,5	28,0	12,5	12,0	19	22		GE-L-12-M 14x1,5-wd
400	12	M 16 x 1,5	27,0	12,5	12,0	22	22		GE-L-12-M 16x1,5-wd
400	12	M 18 x 1,5	30,0	12,5	12,0	24	22		GE-L-12-M 18x1,5-wd
400	12	M 22 x 1,5	32,0	14,0	14,0	27	22		GE-L-12-M 22x1,5-wd
400	15	M 16 x 1,5	32,0	13,5	12,0	24	27		GE-L-15-M 16x1,5-wd
400	15	M 18 x 1,5	29,0	13,5	12,0	24	27		GE-L-15-M 18x1,5-wd
400	15	M 22 x 1,5	33,0	15,0	14,0	27	27		GE-L-15-M 22x1,5-wd
400	18	M 18 x 1,5	33,0	14,0	12,0	27	32		GE-L-18-M 18x1,5-wd
400	18	M 22 x 1,5	31,0	14,5	14,0	27	32		GE-L-18-M 22x1,5-wd
250	18	M 26 x 1,5	34,5	14,5	16,0	32	32		GE-L-18-M 26x1,5-wd
250	22	M 22 x 1,5	38,0	17,5	14,0	32	36		GE-L-22-M 22x1,5-wd
250	22	M 26 x 1,5	33,0	16,5	16,0	32	36		GE-L-22-M 26x1,5-wd
250	28	M 33 x 2	34,0	17,5	18,0	41	41		GE-L-28-M 33x2-wd
250	35	M 42 x 2	39,0	17,5	20,0	50	50		GE-L-35-M 42x2-wd
250	42	M 48 x 2	42,0	19,0	22,0	55	60		GE-L-42-M 48x2-wd

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Male Stud Couplings
L-Series
Thread: Metric - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
500	6	M 10 x 1	23,0	8,5	8,0	14	14		GE-L-06-M 10x1-wd-SC
500	6	M 12 x 1,5	27,0	10,0	12,0	17	14		GE-L-06-M 12x1,5-wd-SC
500	6	M 14 x 1,5	27,0	10,0	12,0	19	14		GE-L-06-M 14x1,5-wd-SC
500	8	M 10 x 1	26,0	9,5	8,0	17	17		GE-L-08-M 10x1-wd-SC
500	8	M 12 x 1,5	25,0	10,0	12,0	17	17		GE-L-08-M 12x1,5-wd-SC
500	8	M 14 x 1,5	27,0	10,0	12,0	19	17		GE-L-08-M 14x1,5-wd-SC
400	8	M 16 x 1,5	27,5	11,5	12,0	22	17		GE-L-08-M 16x1,5-wd-SC
400	8	M 18 x 1,5	27,5	11,5	12,0	24	17		GE-L-08-M 18x1,5-wd-SC
400	8	M 22 x 1,5	29,0	13,0	14,0	27	17		GE-L-08-M 22x1,5-wd-SC
500	10	M 10 x 1	28,5	11,0	8,0	17	19		GE-L-10-M 10x1-wd-SC
500	10	M 12 x 1,5	28,5	11,5	12,0	17	19		GE-L-10-M 12x1,5-wd-SC
500	10	M 14 x 1,5	26,0	11,0	12,0	19	19		GE-L-10-M 14x1,5-wd-SC
400	10	M 16 x 1,5	30,0	12,5	12,0	22	19		GE-L-10-M 16x1,5-wd-SC
400	10	M 18 x 1,5	30,0	12,5	12,0	24	19		GE-L-10-M 18x1,5-wd-SC
400	10	M 22 x 1,5	31,5	14,0	14,0	27	19		GE-L-10-M 22x1,5-wd-SC
400	12	M 12 x 1,5	28,0	13,0	12,0	19	22		GE-L-12-M 12x1,5-wd-SC
400	12	M 14 x 1,5	28,0	12,5	12,0	19	22		GE-L-12-M 14x1,5-wd-SC
400	12	M 16 x 1,5	27,0	12,5	12,0	22	22		GE-L-12-M 16x1,5-wd-SC
400	12	M 18 x 1,5	30,0	12,5	12,0	24	22		GE-L-12-M 18x1,5-wd-SC
400	12	M 22 x 1,5	32,0	14,0	14,0	27	22		GE-L-12-M 22x1,5-wd-SC
400	15	M 16 x 1,5	32,0	13,5	12,0	24	27		GE-L-15-M 16x1,5-wd-SC
400	15	M 18 x 1,5	29,0	13,5	12,0	24	27		GE-L-15-M 18x1,5-wd-SC
400	15	M 22 x 1,5	33,0	15,0	14,0	27	27		GE-L-15-M 22x1,5-wd-SC
400	18	M 18 x 1,5	33,0	14,0	12,0	27	32		GE-L-18-M 18x1,5-wd-SC
400	18	M 22 x 1,5	31,0	14,5	14,0	27	32		GE-L-18-M 22x1,5-wd-SC
250	18	M 26 x 1,5	34,5	14,5	16,0	32	32		GE-L-18-M 26x1,5-wd-SC
250	22	M 22 x 1,5	38,0	17,5	14,0	32	36		GE-L-22-M 22x1,5-wd-SC
250	22	M 26 x 1,5	33,0	16,5	16,0	32	36		GE-L-22-M 26x1,5-wd-SC
250	28	M 33 x 2	34,0	17,5	18,0	41	41		GE-L-28-M 33x2-wd-SC
250	35	M 42 x 2	39,0	17,5	20,0	50	50		GE-L-35-M 42x2-wd-SC
250	42	M 48 x 2	42,0	19,0	22,0	55	60		GE-L-42-M 48x2-wd-SC

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungsstutzen
L-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Male Stud Coupling Bodies
L-Series
Thread: Metric - Parallel
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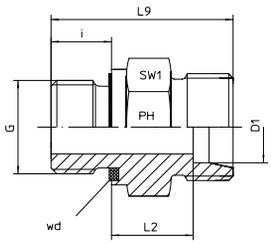


Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L2	L9	i	SW1		
100	8	M 10 x 1	9,0	22,5	8	14		GE-LL-08-M 10x1-wd-OMD

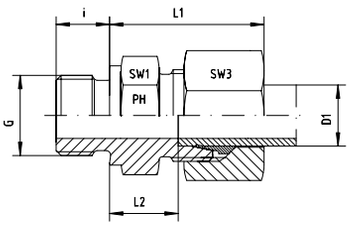
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L2	L9	i	SW1		
500	6	M 10 x 1	8,5	23,5	8,0	14		GE-L-06-M 10x1-wd-OMD
500	6	M 12 x 1,5	10,0	29,0	12,0	17		GE-L-06-M 12x1,5-wd-OMD
500	6	M 14 x 1,5	10,0	29,0	12,0	19		GE-L-06-M 14x1,5-wd-OMD
500	8	M 10 x 1	9,5	24,5	8,0	14		GE-L-08-M 10x1-wd-OMD
500	8	M 12 x 1,5	10,0	29,0	12,0	17		GE-L-08-M 12x1,5-wd-OMD
500	8	M 14 x 1,5	10,0	29,0	12,0	19		GE-L-08-M 14x1,5-wd-OMD
400	8	M 16 x 1,5	11,5	30,5	12,0	22		GE-L-08-M 16x1,5-wd-OMD
400	8	M 18 x 1,5	11,5	30,5	12,0	24		GE-L-08-M 18x1,5-wd-OMD
400	8	M 22 x 1,5	13,0	34,0	14,0	27		GE-L-08-M22x1,5-wd-OMD
500	10	M 10 x 1	11,0	26,0	8,0	17		GE-L-10-M 10x1-wd-OMD
500	10	M 12 x 1,5	11,5	30,0	12,0	17		GE-L-10-M 12x1,5-wd-OMD
500	10	M 14 x 1,5	11,0	30,0	12,0	19		GE-L-10-M 14x1,5-wd-OMD
400	10	M 16 x 1,5	12,5	31,5	12,0	22		GE-L-10-M 16x1,5-wd-OMD
400	10	M 18 x 1,5	12,5	31,5	12,0	24		GE-L-10-M 18x1,5-wd-OMD
400	10	M 22 x 1,5	14,0	35,0	14,0	27		GE-L-10-M 22x1,5-wd-OMD
400	12	M 12 x 1,5	13,0	31,0	12,0	19		GE-L-12-M 12x1,5-wd-OMD
400	12	M 14 x 1,5	12,5	31,5	12,0	19		GE-L-12-M 14x1,5-wd-OMD
400	12	M 16 x 1,5	12,5	31,5	12,0	22		GE-L-12-M 16x1,5-wd-OMD
400	12	M 18 x 1,5	12,5	31,5	12,0	24		GE-L-12-M 18x1,5-wd-OMD
400	12	M 22 x 1,5	14,0	35,0	14,0	27		GE-L-12-M 22x1,5-wd-OMD
400	15	M 16 x 1,5	13,5	32,5	12,0	24		GE-L-15-M 16x1,5-wd-OMD
400	15	M 18 x 1,5	13,5	32,5	12,0	24		GE-L-15-M 18x1,5-wd-OMD
400	15	M 22 x 1,5	15,0	36,0	14,0	27		GE-L-15-M 22x1,5-wd-OMD
400	18	M 18 x 1,5	14,0	33,5	12,0	27		GE-L-18-M 18x1,5-wd-OMD
400	18	M 22 x 1,5	14,5	36,0	14,0	27		GE-L-18-M 22x1,5-wd-OMD
250	18	M 26 x 1,5	14,5	38,0	16,0	32		GE-L-18-M 26x1,5-wd-OMD
250	22	M 22 x 1,5	17,5	38,0	14,0	32		GE-L-22-M 22x1,5-wd-OMD
250	22	M 26 x 1,5	16,5	40,0	16,0	32		GE-L-22-M 26x1,5-wd-OMD
250	28	M 33 x 2	17,5	43,0	18,0	41		GE-L-28-M 33x2-wd-OMD
250	35	M 42 x 2	17,5	48,0	20,0	50		GE-L-35-M 42x2-wd-OMD
250	42	M 48 x 2	19,0	52,0	22,0	55		GE-L-42-M 48x2-wd-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Male Stud Couplings
S-Series
Thread: Metric - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series S

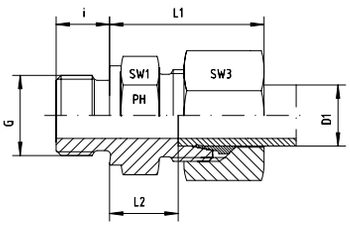
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
630	6	M 12 x 1,5	28,0	13,0	12,0	17	17		GE-S-06-M 12x1,5
630	6	M 14 x 1,5	30,0	13,0	12,0	19	17		GE-S-06-M 14x1,5
630	8	M 14 x 1,5	30,0	15,0	12,0	19	19		GE-S-08-M 14x1,5
630	8	M 16 x 1,5	33,0	15,5	12,0	22	19		GE-S-08-M 16x1,5
630	10	M 14 x 1,5	32,0	14,5	12,0	19	22		GE-S-10-M 14x1,5
630	10	M 16 x 1,5	31,0	15,0	12,0	22	22		GE-S-10-M 16x1,5
630	10	M 18 x 1,5	31,0	15,0	12,0	24	22		GE-S-10-M 18x1,5
630	12	M 12 x 1,5	33,5	16,5	12,0	22	24		GE-S-12-M 12x1,5
630	12	M 14 x 1,5	33,0	16,0	12,0	22	24		GE-S-12-M 14x1,5
630	12	M 16 x 1,5	35,5	17,0	12,0	22	24		GE-S-12-M 16x1,5
630	12	M 18 x 1,5	33,0	17,0	12,0	24	24		GE-S-12-M 18x1,5
630	12	M 20 x 1,5	36,0	17,5	14,0	27	24		GE-S-12-M 20x1,5
400	12	M 22 x 1,5	36,5	17,5	14,0	27	24		GE-S-12-M 22x1,5
630	14	M 20 x 1,5	37,0	19,0	14,0	27	27		GE-S-14-M 20x1,5
400	14	M 22 x 1,5	39,0	18,5	14,0	27	27		GE-S-14-M 22x1,5
400	16	M 18 x 1,5	40,0	18,0	12,0	27	30		GE-S-16-M 18x1,5
400	16	M 22 x 1,5	37,0	18,5	14,0	27	30		GE-S-16-M 22x1,5
400	20	M 27 x 2	42,5	20,5	16,0	32	36		GE-S-20-M 27x2
400	25	M 33 x 2	47,0	23,0	18,0	41	46		GE-S-25-M 33x2
250	30	M 42 x 2	50,0	23,5	20,0	50	50		GE-S-30-M 42x2
250	38	M 48 x 2	57,0	26,0	22,0	55	60		GE-S-38-M 48x2

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Male Stud Couplings
S-Series
Thread: Metric - Parallel
Sealing by Sealing Shoulder Form B



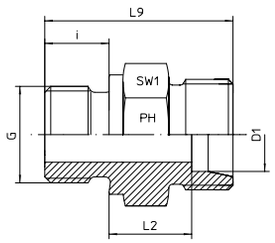
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
630	6	M 12 x 1,5	28,0	13,0	12,0	17	17		GE-S-06-M 12x1,5-SC
630	6	M 14 x 1,5	30,0	13,0	12,0	19	17		GE-S-06-M 14x1,5-SC
630	8	M 14 x 1,5	30,0	15,0	12,0	19	19		GE-S-08-M 14x1,5-SC
630	8	M 16 x 1,5	33,0	15,5	12,0	22	19		GE-S-08-M 16x1,5-SC
630	10	M 14 x 1,5	32,0	14,5	12,0	19	22		GE-S-10-M 14x1,5-SC
630	10	M 16 x 1,5	31,0	15,0	12,0	22	22		GE-S-10-M 16x1,5-SC
630	10	M 18 x 1,5	31,0	15,0	12,0	24	22		GE-S-10-M 18x1,5-SC
400	12	M 12 x 1,5	33,5	16,5	12,0	22	24		GE-S-12-M 12x1,5-SC
630	12	M 14 x 1,5	33,0	16,0	12,0	22	24		GE-S-12-M 14x1,5-SC
630	12	M 16 x 1,5	35,5	17,0	12,0	22	24		GE-S-12-M 16x1,5-SC
630	12	M 18 x 1,5	33,0	17,0	12,0	24	24		GE-S-12-M 18x1,5-SC
630	12	M 20 x 1,5	36,0	17,5	14,0	27	24		GE-S-12-M 20x1,5-SC
400	12	M 22 x 1,5	36,5	17,5	14,0	27	24		GE-S-12-M 22x1,5-SC
630	14	M 20 x 1,5	37,0	19,0	14,0	27	27		GE-S-14-M 20x1,5-SC
400	14	M 22 x 1,5	39,0	18,5	14,0	27	27		GE-S-14-M 22x1,5-SC
400	16	M 18 x 1,5	40,0	18,0	12,0	27	30		GE-S-16-M 18x1,5-SC
400	16	M 22 x 1,5	37,0	18,5	14,0	27	30		GE-S-16-M 22x1,5-SC
400	20	M 27 x 2	42,5	20,5	16,0	32	36		GE-S-20-M 27x2-SC
400	25	M 33 x 2	47,0	23,0	18,0	41	46		GE-S-25-M 33x2-SC
250	30	M 42 x 2	50,0	23,5	20,0	50	50		GE-S-30-M 42x2-SC
250	38	M 48 x 2	57,0	26,0	22,0	55	60		GE-S-38-M 48x2-SC

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungsstutzen
S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Male Stud Coupling Bodies
S-Series
Thread: Metric - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L9**	**i**	**SW1**		
630	6	M 12 x 1,5	13,0	32,0	12,0	17		GE-S-06-M 12x1,5-OMD
630	6	M 14 x 1,5	13,0	32,0	12,0	19		GE-S-06-M 14x1,5-OMD
630	8	M 14 x 1,5	15,0	34,0	12,0	19		GE-S-08-M 14x1,5-OMD
630	8	M 16 x 1,5	15,5	34,5	12,0	22		GE-S-08-M 16x1,5-OMD
630	10	M 14 x 1,5	14,5	33,5	12,0	19		GE-S-10-M 14x1,5-OMD
630	10	M 16 x 1,5	15,0	34,5	12,0	22		GE-S-10-M 16x1,5-OMD
630	10	M 18 x 1,5	15,0	34,5	12,0	24		GE-S-10-M 18x1,5-OMD
630	12	M 12 x 1,5	16,5	36,0	12,0	22		GE-S-12-M 12x1,5-OMD
630	12	M 14 x 1,5	16,0	35,5	12,0	22		GE-S-12-M 14x1,5-OMD
630	12	M 16 x 1,5	17,0	36,5	12,0	22		GE-S-12-M 16x1,5-OMD
630	12	M 18 x 1,5	17,0	36,5	12,0	24		GE-S-12-M 18x1,5-OMD
630	12	M 20 x 1,5	17,5	38,5	14,0	27		GE-S-12-M 20x1,5-OMD
400	12	M 22 x 1,5	17,5	39,0	14,0	27		GE-S-12-M 22x1,5-OMD
630	14	M 20 x 1,5	19,0	41,0	14,0	27		GE-S-14-M 20x1,5-OMD
400	14	M 22 x 1,5	18,5	40,5	14,0	27		GE-S-14-M 22x1,5-OMD
400	16	M 18 x 1,5	18,0	38,5	12,0	27		GE-S-16-M 18x1,5-OMD
400	16	M 22 x 1,5	18,5	41,0	14,0	27		GE-S-16-M 22x1,5-OMD
400	20	M 27 x 2	20,5	47,0	16,0	32		GE-S-20-M 27x2-OMD
400	25	M 33 x 2	23,0	53,0	18,0	41		GE-S-25-M 33x2-OMD
250	30	M 42 x 2	23,5	57,0	20,0	50		GE-S-30-M 42x2-OMD
250	38	M 48 x 2	26,0	64,0	22,0	55		GE-S-38-M 48x2-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
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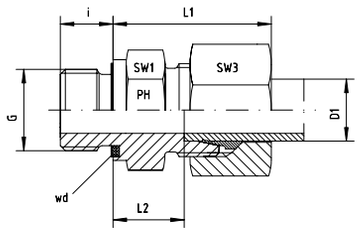
Male Stud Couplings
S-Series
Thread: Metric - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



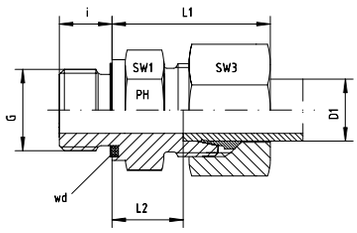
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
800	6	M 12 x 1,5	28,0	13,0	12,0	17	17		GE-S-06-M 12x1,5-wd
800	6	M 14 x 1,5	30,0	13,0	12,0	19	17		GE-S-06-M 14x1,5-wd
800	8	M 12 x 1,5	32,0	15,0	12,0	17	19		GE-S-08-M 12x1,5-wd
800	8	M 14 x 1,5	30,0	15,0	12,0	19	19		GE-S-08-M 14x1,5-wd
800	8	M 16 x 1,5	33,0	15,5	12,0	22	19		GE-S-08-M 16x1,5-wd
800	10	M 14 x 1,5	32,0	14,5	12,0	19	22		GE-S-10-M 14x1,5-wd
800	10	M 16 x 1,5	31,0	15,0	12,0	22	22		GE-S-10-M 16x1,5-wd
630	10	M 18 x 1,5	31,0	15,0	12,0	24	22		GE-S-10-M 18x1,5-wd
630	12	M 12 x 1,5	36,0	16,5	12,0	22	24		GE-S-12-M 12x1,5-wd
630	12	M 14 x 1,5	33,0	16,0	12,0	22	24		GE-S-12-M 14x1,5-wd
630	12	M 16 x 1,5	35,5	17,0	12,0	22	24		GE-S-12-M 16x1,5-wd
630	12	M 18 x 1,5	33,0	17,0	12,0	24	24		GE-S-12-M 18x1,5-wd
630	12	M 20 x 1,5	36,0	17,5	14,0	27	24		GE-S-12-M 20x1,5-wd
630	12	M 22 x 1,5	36,5	17,5	14,0	27	24		GE-S-12-M 22x1,5-wd
630	14	M 20 x 1,5	39,0	19,0	14,0	27	27		GE-S-14-M 20x1,5-wd
630	14	M 22 x 1,5	39,0	18,5	14,0	27	27		GE-S-14-M 22x1,5-wd
630	16	M 18 x 1,5	40,0	18,0	12,0	27	30		GE-S-16-M 18x1,5-wd
630	16	M 22 x 1,5	37,0	18,5	14,0	27	30		GE-S-16-M 22x1,5-wd
420	20	M 27 x 2	42,5	20,5	16,0	32	36		GE-S-20-M 27x2-wd
420	25	M 33 x 2	47,0	23,0	18,0	41	46		GE-S-25-M 33x2-wd
420	30	M 42 x 2	50,0	23,5	20,0	50	50		GE-S-30-M 42x2-wd
420	38	M 48 x 2	57,0	26,0	22,0	55	60		GE-S-38-M 48x2-wd

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Male Stud Couplings
S-Series
Thread: Metric - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series S

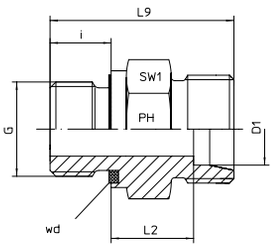
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
800	6	M 12 x 1,5	28,0	13,0	12,0	17	17		GE-S-06-M 12x1,5-wd-SC
800	6	M 14 x 1,5	30,0	13,0	12,0	19	17		GE-S-06-M 14x1,5-wd-SC
800	8	M 12 x 1,5	32,0	15,0	12,0	17	19		GE-S-08-M 12x1,5-wd-SC
800	8	M 14 x 1,5	30,0	15,0	12,0	19	19		GE-S-08-M 14x1,5-wd-SC
800	8	M 16 x 1,5	33,0	15,5	12,0	22	19		GE-S-08-M 16x1,5-wd-SC
800	10	M 14 x 1,5	32,0	14,5	12,0	19	22		GE-S-10-M 14x1,5-wd-SC
800	10	M 16 x 1,5	31,0	15,0	12,0	22	22		GE-S-10-M 16x1,5-wd-SC
630	10	M 18 x 1,5	32,0	15,0	12,0	24	22		GE-S-10-M 18x1,5-wd-SC
630	12	M 12 x 1,5	36,0	16,5	12,0	22	24		GE-S-12-M 12x1,5-wd-SC
630	12	M 14 x 1,5	33,0	16,0	12,0	22	24		GE-S-12-M 14x1,5-wd-SC
630	12	M 16 x 1,5	35,5	17,0	12,0	22	24		GE-S-12-M 16x1,5-wd-SC
630	12	M 18 x 1,5	33,0	17,0	12,0	24	24		GE-S-12-M 18x1,5-wd-SC
630	12	M 20 x 1,5	36,0	17,5	14,0	27	24		GE-S-12-M 20x1,5-wd-SC
630	12	M 22 x 1,5	36,5	17,5	14,0	27	24		GE-S-12-M 22x1,5-wd-SC
630	14	M 20 x 1,5	39,0	19,0	14,0	27	27		GE-S-14-M 20x1,5-wd-SC
630	14	M 22 x 1,5	39,0	18,5	14,0	27	27		GE-S-14-M 22x1,5-wd-SC
630	16	M 18 x 1,5	40,0	18,0	12,0	27	30		GE-S-16-M 18x1,5-wd-SC
630	16	M 22 x 1,5	37,0	18,5	14,0	27	30		GE-S-16-M 22x1,5-wd-SC
420	20	M 27 x 2	42,5	20,5	16,0	32	36		GE-S-20-M 27x2-wd-SC
420	25	M 33 x 2	47,0	23,0	18,0	41	46		GE-S-25-M 33x2-wd-SC
420	30	M 42 x 2	50,0	23,5	20,0	50	50		GE-S-30-M 42x2-wd-SC
420	38	M 48 x 2	57,0	26,0	22,0	55	60		GE-S-38-M 48x2-wd-SC

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungsstutzen
S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Male Stud Coupling Bodies
S-Series
Thread: Metric - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



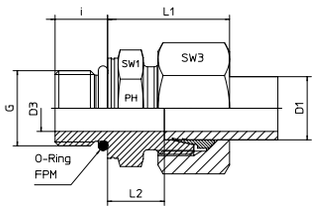
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L9**	**i**	**SW1**		
800	6	M 12 x 1,5	13,0	32,0	12,0	17		GE-S-06-M 12x1,5-wd-OMD
800	6	M 14 x 1,5	13,0	32,0	12,0	19		GE-S-06-M 14x1,5-wd-OMD
800	8	M 12 x 1,5	15,0	34,0	12,0	17		GE-S-08-M 12x1,5-wd-OMD
800	8	M 14 x 1,5	15,0	34,0	12,0	19		GE-S-08-M 14x1,5-wd-OMD
800	8	M 16 x 1,5	15,5	34,5	12,0	22		GE-S-08-M 16x1,5-wd-OMD
800	10	M 14 x 1,5	14,5	34,0	12,0	19		GE-S-10-M 14x1,5-wd-OMD
800	10	M 16 x 1,5	15,0	34,5	12,0	22		GE-S-10-M 16x1,5-wd-OMD
630	10	M 18 x 1,5	15,0	34,5	12,0	24		GE-S-10-M 18x1,5-wd-OMD
800	12	M 12 x 1,5	14,5	36,0	14,0	22		GE-S-12-M 12x1,5-wd-OMD
630	12	M 14 x 1,5	16,0	35,5	12,0	22		GE-S-12-M 14x1,5-wd-OMD
630	12	M 16 x 1,5	17,0	36,5	12,0	22		GE-S-12-M 16x1,5-wd-OMD
630	12	M 18 x 1,5	17,0	36,5	12,0	24		GE-S-12-M 18x1,5-wd-OMD
630	12	M 20 x 1,5	17,5	39,0	14,0	27		GE-S-12-M 20x1,5-wd-OMD
630	12	M 22 x 1,5	17,5	39,0	14,0	27		GE-S-12-M 22x1,5-wd-OMD
630	14	M 20 x 1,5	19,0	41,0	14,0	27		GE-S-14-M 20x1,5-wd-OMD
630	14	M 22 x 1,5	18,5	41,0	14,0	27		GE-S-14-M 22x1,5-wd-OMD
630	16	M 18 x 1,5	18,0	38,5	12,0	27		GE-S-16-M 18x1,5-wd-OMD
630	16	M 22 x 1,5	18,5	41,0	14,0	27		GE-S-16-M 22x1,5-wd-OMD
420	20	M 27 x 2	20,5	47,0	16,0	32		GE-S-20-M 27x2-wd-OMD
420	25	M 33 x 2	23,0	53,0	18,0	41		GE-S-25-M 33x2-wd-OMD
420	30	M 42 x 2	23,5	57,0	20,0	50		GE-S-30-M 42x2-wd-OMD
420	38	M 48 x 2	26,0	64,0	22,0	55		GE-S-38-M 48x2-wd-OMD

GERADE EINSCHRAUBVERSCHRAUBUNGEN
MALE STUD COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe Einschraubgewinde: ISO 6149-3
Abdichtung durch FPM Runddichtring (O-Ring) - ISO 6149-3
S-Reihe Einschraubgewinde: ISO 6149-2
Abdichtung durch FPM Runddichtring (O-Ring) - ISO 6149-2
L-Reihe u. S-Reihe Achtung: Einschraubloch mit Ansenkung für O-Ring Abdichtung erforderlich - ISO 6149-1

Male Stud Couplings
L-Series Thread: ISO 6149-3
Sealing by FPM O-ring in Thread Undercut - ISO 6149-3
S-Series Thread: ISO 6149-2
Sealing by FPM O-ring in Thread Undercut - ISO 6149-2
L-Series a. S-Series Note: Port with truncated housing for O-ring seal required - ISO 6149-1



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions							O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L9	i	D3	SW1	SW3		
500	6	M10 x 1	24,5	9,5	25,0	8,5	4,0	14	14	8,1 x 1,6	GE-L-06-M10 x 1-OR
500	8	M12 x 1,5	25,0	10,0	28,0	11,0	6,0	17	17	9,3 x 2,2	GE-L-08-M12 x 1,5-OR
400	10	M14 x 1,5	26,0	11,0	29,0	11,0	7,5	19	19	11,3 x 2,2	GE-L-10-M14 x 1,5-OR
400	12	M16 x 1,5	27,5	12,5	31,0	11,5	9,0	22	22	13,3 x 2,2	GE-L-12-M16 x 1,5-OR
400	15	M18 x 1,5	28,5	13,5	33,0	12,5	11,0	24	27	15,3 x 2,2	GE-L-15-M18 x 1,5-OR
400	18	M22 x 1,5	31,0	14,5	35,0	13,0	14,0	27	32	19,3 x 2,2	GE-L-18-M22 x 1,5-OR
250	22	M27 x 2	33,0	16,5	40,0	16,0	18,0	32	36	23,6 x 2,9	GE-L-22-M27 x 2-OR
250	28	M33 x 2	34,0	17,5	41,0	16,0	23,0	41	41	29,6 x 2,9	GE-L-28-M33 x 2-OR
250	35	M42 x 2	39,0	17,5	44,0	16,0	30,0	50	50	38,6 x 2,9	GE-L-35-M42 x 2-OR
250	42	M48 x 2	42,0	19,0	47,5	17,5	36,0	55	60	44,6 x 2,9	GE-L-42-M48 x 2-OR

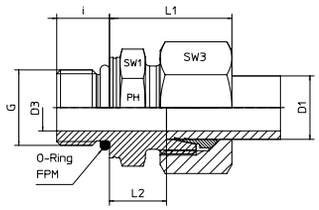
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions							O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L9	i	D3	SW1	SW3		
800	6	M12 x 1,5	28,0	13,0	31,0	11,0	4,0	17	17	9,3 x 2,2	GE-S-06-M12 x 1,5-OR
800	8	M14 x 1,4	30,0	15,0	33,0	11,0	5,0	19	19	11,3 x 2,2	GE-S-08-M14 x 1,4-OR
800	10	M16 x 1,5	31,5	15,0	35,0	12,5	7,0	22	22	13,3 x 2,2	GE-S-10-M16 x 1,5-OR
630	12	M18 x 1,5	33,5	17,0	38,5	14,0	8,0	24	24	15,3 x 2,2	GE-S-12-M18 x 1,5-OR
630	16	M22 x 1,5	37,0	18,5	42,0	15,0	12,0	27	30	19,3 x 2,2	GE-S-16-M22 x 1,5-OR
630	20	M27 x 2	42,0	20,5	49,5	18,5	15,0	32	36	23,6 x 2,9	GE-S-20-M27 x 2-OR
250	25	M33 x 2	47,0	23,0	53,5	18,5	20,0	41	46	29,6 x 2,9	GE-S-25-M33 x 2-OR
250	30	M42 x 2	50,0	23,5	56,0	19,0	25,0	50	50	38,6 x 2,9	GE-S-30-M42 x 2-OR
250	38	M48 x 2	57,0	26,0	63,5	21,5	32,0	55	60	44,6 x 2,9	GE-S-38-M48 x 2-OR

GERADE EINSCHRAUBVERSCHRAUBUNGEN
MALE STUD COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe Einschraubgewinde: ISO 6149-3
Abdichtung durch FPM Runddichtring (O-Ring) - ISO 6149-3
S-Reihe Einschraubgewinde: ISO 6149-2
Abdichtung durch FPM Runddichtring (O-Ring) - ISO 6149-2
L-Reihe u. S-Reihe Achtung: Einschraubloch mit Ansenkung für O-Ring Abdichtung erforderlich - ISO 6149-1

Male Stud Couplings
L-Series Thread: ISO 6149-3
Sealing by FPM O-ring in Thread Undercut - ISO 6149-3
S-Series Thread: ISO 6149-2
Sealing by FPM O-ring in Thread Undercut - ISO 6149-2
L-Series a. S-Series Note: Port with truncated housing for O-ring seal required - ISO 6149-1



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions							O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L9	i	D3	SW1	SW3		
500	6	M10 x 1	24,5	9,5	25,0	8,5	4,0	14	14	8,1 x 1,6	GE-L-06-M10 x 1-OR-SC
500	8	M12 x 1,5	25,0	10,0	28,0	11,0	6,0	17	17	9,3 x 2,2	GE-L-08-M12 x 1,5-OR-SC
400	10	M14 x 1,5	26,0	11,0	29,0	11,0	7,5	19	19	11,3 x 2,2	GE-L-10-M14 x 1,5-OR-SC
400	12	M16 x 1,5	27,5	12,5	31,0	11,5	9,0	22	22	13,3 x 2,2	GE-L-12-M16 x 1,5-OR-SC
400	15	M18 x 1,5	28,5	13,5	33,0	12,5	11,0	24	27	15,3 x 2,2	GE-L-15-M18 x 1,5-OR-SC
400	18	M22 x 1,5	31,0	14,5	35,0	13,0	14,0	27	32	19,3 x 2,2	GE-L-18-M22 x 1,5-OR-SC
250	22	M27 x 2	33,0	16,5	40,0	16,0	18,0	32	36	23,6 x 2,9	GE-L-22-M27 x 2-OR-SC
250	28	M33 x 2	34,0	17,5	41,0	16,0	23,0	41	41	29,6 x 2,9	GE-L-28-M33 x 2-OR-SC
250	35	M42 x 2	39,0	17,5	44,0	16,0	30,0	50	50	38,6 x 2,9	GE-L-35-M42 x 2-OR-SC
250	42	M48 x 2	42,0	19,0	47,5	17,5	36,0	55	60	44,6 x 2,9	GE-L-42-M48 x 2-OR-SC

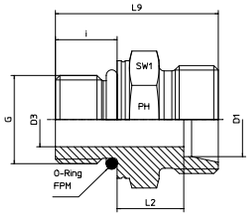
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions							O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L9	i	D3	SW1	SW3		
800	6	M12 x 1,5	28,0	13,0	31,0	11,0	4,0	17	17	9,3 x 2,2	GE-S-06-M12 x 1,5-OR-SC
800	8	M14 x 1,4	30,0	15,0	33,0	11,0	5,0	19	19	11,3 x 2,2	GE-S-08-M14 x 1,4-OR-SC
800	10	M16 x 1,5	31,5	15,0	35,0	12,5	7,0	22	22	13,3 x 2,2	GE-S-10-M16 x 1,5-OR-SC
630	12	M18 x 1,5	33,5	17,0	38,5	14,0	8,0	24	24	15,3 x 2,2	GE-S-12-M18 x 1,5-OR-SC
630	16	M22 x 1,5	37,0	18,5	42,0	15,0	12,0	27	30	19,3 x 2,2	GE-S-16-M22 x 1,5-OR-SC
630	20	M27 x 2	42,0	20,5	49,5	18,5	15,0	32	36	23,6 x 2,9	GE-S-20-M27 x 2-OR-SC
250	25	M33 x 2	47,0	23,0	53,5	18,5	20,0	41	46	29,6 x 2,9	GE-S-25-M33 x 2-OR-SC
250	30	M42 x 2	50,0	23,5	56,0	19,0	25,0	50	50	38,6 x 2,9	GE-S-30-M42 x 2-OR-SC
250	38	M48 x 2	57,0	26,0	63,5	21,5	32,0	55	60	44,6 x 2,9	GE-S-38-M48 x 2-OR-SC

GERADE EINSCHRAUBVERSCHRAUBUNGEN
MALE STUD COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe Einschraubgewinde: ISO 6149-3
Abdichtung durch FPM Runddichtring (O-Ring) - ISO 6149-3
S-Reihe Einschraubgewinde: ISO 6149-2
Abdichtung durch FPM Runddichtring (O-Ring) - ISO 6149-2
L-Reihe u. S-Reihe Achtung: Einschraubloch mit Ansenkung für O-Ring Abdichtung erforderlich - ISO 6149-1

Male Stud Couplings
L-Series Thread: ISO 6149-3
Sealing by FPM O-ring in Thread Undercut - ISO 6149-3
S-Series Thread: ISO 6149-2
Sealing by FPM O-ring in Thread Undercut - ISO 6149-2
L-Series a. S-Series Note: Port with truncated housing for O-ring seal required - ISO 6149-1



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L2	L9	i	D3	SW1		
500	6	M10 x 1	9,5	25,0	8,5	4,0	14	8,1 x 1,6	GE-L-06-M10 x 1-OR-OMD
500	8	M12 x 1,5	10,0	28,0	11,0	6,0	17	9,3 x 2,2	GE-L-08-M12 x 1,5-OR-OMD
400	10	M14 x 1,5	11,0	29,0	11,0	7,5	19	11,3 x 2,2	GE-L-10-M14 x 1,5-OR-OMD
400	12	M16 x 1,5	12,5	31,0	11,5	9,0	22	13,3 x 2,2	GE-L-12-M16 x 1,5-OR-OMD
400	15	M18 x 1,5	13,5	33,0	12,5	11,0	24	15,3 x 2,2	GE-L-15-M18 x 1,5-OR-OMD
400	18	M22 x 1,5	14,5	35,0	13,0	14,0	27	19,3 x 2,2	GE-L-18-M22 x 1,5-OR-OMD
250	22	M27 x 2	16,5	40,0	16,0	18,0	32	23,6 x 2,9	GE-L-22-M27 x 2-OR-OMD
250	28	M33 x 2	17,5	41,0	16,0	23,0	41	29,6 x 2,9	GE-L-28-M33 x 2-OR-OMD
250	35	M42 x 2	17,5	44,0	16,0	30,0	50	38,6 x 2,9	GE-L-35-M42 x 2-OR-OMD
250	42	M48 x 2	19,0	47,5	17,5	36,0	55	44,6 x 2,9	GE-L-42-M48 x 2-OR-OMD

Reihe / Series S

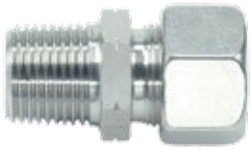
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L2	L9	i	D3	SW1		
800	6	M12 x 1,5	13,0	31,0	11,0	4,0	17	9,3 x 2,2	GE-S-06-M12 x 1,5-OR-OMD
800	8	M14 x 1,4	15,0	33,0	11,0	5,0	19	11,3 x 2,2	GE-S-08-M14 x 1,4-OR-OMD
800	10	M16 x 1,5	15,0	35,0	12,5	7,0	22	13,3 x 2,2	GE-S-10-M16 x 1,5-OR-OMD
630	12	M18 x 1,5	17,0	38,5	14,0	8,0	24	15,3 x 2,2	GE-S-12-M18 x 1,5-OR-OMD
630	16	M22 x 1,5	18,5	42,0	15,0	12,0	27	19,3 x 2,2	GE-S-16-M22 x 1,5-OR-OMD
630	20	M27 x 2	20,5	49,5	18,5	15,0	32	23,6 x 2,9	GE-S-20-M27 x 2-OR-OMD
250	25	M33 x 2	23,0	53,5	18,5	20,0	41	29,6 x 2,9	GE-S-25-M33 x 2-OR-OMD
250	30	M42 x 2	23,5	56,0	19,0	25,0	50	38,6 x 2,9	GE-S-30-M42 x 2-OR-OMD
250	38	M48 x 2	26,0	63,5	21,5	32,0	55	44,6 x 2,9	GE-S-38-M48 x 2-OR-OMD

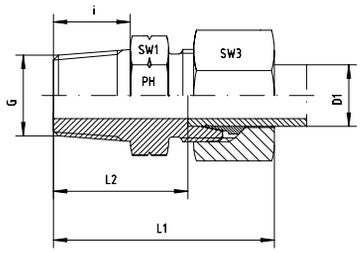
GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
LL-Reihe
Einschraubgewinde: NPT
Andere Sprunggrößen auf Anfrage!

Male Stud Couplings
LL-Series
Thread: NPT
Other jump sizes on request!





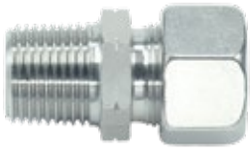
Reihe / Series LL

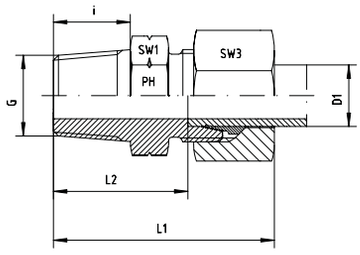
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
100	4	1/8“ NPT	28,0	18,5	10,0	11	10		GE-LL-04-1/8“-NPT
100	6	1/8“ NPT	28,0	16,5	10,0	11	12		GE-LL-06-1/8“-NPT
100	8	1/8“ NPT	30,0	18,5	10,0	12	14		GE-LL-08-1/8“-NPT
100	8	1/4“ NPT	36,0	23,5	15,0	14	14		GE-LL-08-1/4“-NPT

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe
Einschraubgewinde: NPT
Andere Sprunggrößen auf Anfrage!

Male Stud Couplings
L-Series
Thread: NPT
Other jump sizes on request!





Reihe / Series L

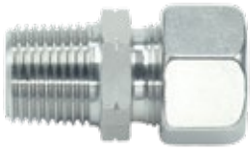
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
315	6	1/8“ NPT	32,0	17,0	10,0	12	14		GE-L-06-1/8“-NPT
315	6	1/4“ NPT	38,0	23,0	15,0	17	14		GE-L-06-1/4“-NPT
315	6	3/8“ NPT	38,0	23,0	15,3	19	14		GE-L-06-3/8“-NPT
315	6	1/2“ NPT	44,0	29,0	20,0	22	14		GE-L-06-1/2“-NPT
315	8	1/8“ NPT	33,0	18,0	10,0	14	17		GE-L-08-1/8“-NPT
315	8	1/4“ NPT	38,0	23,0	15,0	17	17		GE-L-08-1/4“-NPT
315	8	3/8“ NPT	38,0	23,0	15,3	19	17		GE-L-08-3/8“-NPT
315	8	1/2“ NPT	44,0	29,0	20,0	22	17		GE-L-08-1/2“-NPT
315	10	1/8“ NPT	33,0	18,0	10,0	17	19		GE-L-10-1/8“-NPT
315	10	1/4“ NPT	39,0	24,0	15,0	17	19		GE-L-10-1/4“-NPT
315	10	3/8“ NPT	40,0	25,0	15,3	19	19		GE-L-10-3/8“-NPT
315	10	1/2“ NPT	45,0	30,0	20,0	22	19		GE-L-10-1/2“-NPT
160	10	3/4“ NPT	46,0	31,0	20,0	27	19		GE-L-10-3/4“-NPT
315	12	1/8“ NPT	34,0	19,0	10,0	19	22		GE-L-12-1/8“-NPT
315	12	1/4“ NPT	40,0	25,0	15,0	19	22		GE-L-12-1/4“-NPT
315	12	3/8“ NPT	40,0	25,0	15,3	19	22		GE-L-12-3/8“-NPT
315	12	1/2“ NPT	45,0	30,0	20,0	22	22		GE-L-12-1/2“-NPT
160	12	3/4“ NPT	48,0	31,0	20,0	27	22		GE-L-12-3/4“-NPT
315	15	1/4“ NPT	45,0	26,0	15,0	24	27		GE-L-15-1/4“-NPT
315	15	3/8“ NPT	41,0	26,0	15,3	24	27		GE-L-15-3/8“-NPT
315	15	1/2“ NPT	46,0	31,0	20,0	24	27		GE-L-15-1/2“-NPT
160	15	3/4“ NPT	47,0	32,0	20,0	27	27		GE-L-15-3/4“-NPT
160	18	1/4“ NPT		26,5	15	27	32		GE-L-18-1/4“-NPT
315	18	3/8“ NPT	43,0	26,5	15,3	27	32		GE-L-18-3/8“-NPT
315	18	1/2“ NPT	48,0	31,5	20,0	27	32		GE-L-18-1/2“-NPT
160	18	3/4“ NPT	48,0	31,5	20,0	27	32		GE-L-18-3/4“-NPT
160	18	1“ NPT	54,0	37,5	25,0	36	32		GE-L-18-1“-NPT
160	22	3/8“ NPT	45,0	28,5	15,3	32	36		GE-L-22-3/8“-NPT
160	22	1/2“ NPT	50,0	33,5	20,0	32	36		GE-L-22-1/2“-NPT
160	22	3/4“ NPT	50,0	33,5	20,0	32	36		GE-L-22-3/4“-NPT
160	22	1“ NPT	56,0	39,5	25,0	36	36		GE-L-22-1“-NPT
160	22	1 1/4“ NPT	68,0	46,5	25,5	46	36		GE-L-22-1 1/4“-NPT
160	28	1/2“ NPT	56,0	35,0	20,0	41	41		GE-L-28-1/2“-NPT
160	28	3/4“ NPT	51,0	34,5	20,0	41	41		GE-L-28-3/4“-NPT
160	28	1“ NPT	56,0	39,5	25,0	41	41		GE-L-28-1“-NPT
160	28	1 1/4“ NPT	57,0	41,5	25,5	46	41		GE-L-28-1 1/4“-NPT
160	35	3/4“ NPT	51,0	35,5	20,0	46	50		GE-L-35-3/4“-NPT
160	35	1“ NPT	61,0	39,5	25,0	46	50		GE-L-35-1“-NPT
160	35	1 1/4“ NPT	62,0	40,5	25,5	46	50		GE-L-35-1 1/4“-NPT
160	35	1 1/2“ NPT	69,0	42,5	26,0	55	50		GE-L-35-1 1/2“-NPT
160	42	1“ NPT	67,0	40,5	25,0	55	60		GE-L-42-1“-NPT
160	42	1 1/4“ NPT	65,0	42,0	25,5	55	60		GE-L-42-1 1/4“-NPT
160	42	1 1/2“ NPT	65,0	42,0	26,0	55	60		GE-L-42-1 1/2“-NPT

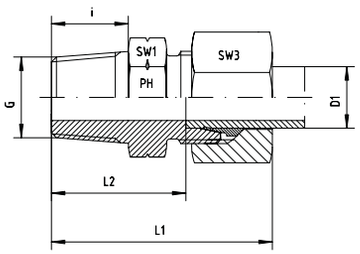
GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe
Einschraubgewinde: NPT
Andere Sprunggrößen auf Anfrage!

Male Stud Couplings
L-Series
Thread: NPT
Other jump sizes on request!





Reihe / Series L

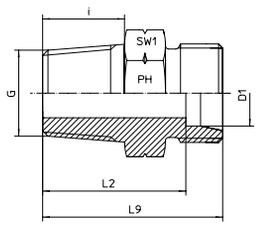
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
315	6	1/8“ NPT	32,0	17,0	10,0	12	14		GE-L-06-1/8“-NPT-SC
315	6	1/4“ NPT	38,0	23,0	15,0	17	14		GE-L-06-1/4“-NPT-SC
315	6	3/8“ NPT	38,0	23,0	15,3	19	14		GE-L-06-3/8“-NPT-SC
315	6	1/2“ NPT	44,0	29,0	20,0	22	14		GE-L-06-1/2“-NPT-SC
315	8	1/8“ NPT	33,0	18,0	10,0	14	17		GE-L-08-1/8“-NPT-SC
315	8	1/4“ NPT	38,0	23,0	15,0	17	17		GE-L-08-1/4“-NPT-SC
315	8	3/8“ NPT	38,0	23,0	15,3	19	17		GE-L-08-3/8“-NPT-SC
315	8	1/2“ NPT	44,0	29,0	20,0	22	17		GE-L-08-1/2“-NPT-SC
315	10	1/8“ NPT	33,0	18,0	10,0	17	19		GE-L-10-1/8“-NPT-SC
315	10	1/4“ NPT	39,0	24,0	15,0	17	19		GE-L-10-1/4“-NPT-SC
315	10	3/8“ NPT	40,0	25,0	15,3	19	19		GE-L-10-3/8“-NPT-SC
315	10	1/2“ NPT	45,0	30,0	20,0	22	19		GE-L-10-1/2“-NPT-SC
160	10	3/4“ NPT	46,0	31,0	20,0	27	19		GE-L-10-3/4“-NPT-SC
315	12	1/8“ NPT	34,0	19,0	10,0	19	22		GE-L-12-1/8“-NPT-SC
315	12	1/4“ NPT	40,0	25,0	15,0	19	22		GE-L-12-1/4“-NPT-SC
315	12	3/8“ NPT	40,0	25,0	15,3	19	22		GE-L-12-3/8“-NPT-SC
315	12	1/2“ NPT	45,0	30,0	20,0	22	22		GE-L-12-1/2“-NPT-SC
160	12	3/4“ NPT	48,0	31,0	20,0	27	22		GE-L-12-3/4“-NPT-SC
315	15	1/4“ NPT	45,0	26,0	15,0	24	27		GE-L-15-1/4“-NPT-SC
315	15	3/8“ NPT	41,0	26,0	15,3	24	27		GE-L-15-3/8“-NPT-SC
315	15	1/2“ NPT	46,0	31,0	20,0	24	27		GE-L-15-1/2“-NPT-SC
160	15	3/4“ NPT	47,0	32,0	20,0	27	27		GE-L-15-3/4“-NPT-SC
160	18	1/4“ NPT		26,5	15,0	27	32		GE-L-18-1/4“-NPT-SC
315	18	3/8“ NPT	43,0	26,5	15,3	27	32		GE-L-18-3/8“-NPT-SC
315	18	1/2“ NPT	48,0	31,5	20,0	27	32		GE-L-18-1/2“-NPT-SC
160	18	3/4“ NPT	48,0	31,5	20,0	27	32		GE-L-18-3/4“-NPT-SC
160	18	1“ NPT	54,0	37,5	25,0	36	32		GE-L-18-1“-NPT-SC
160	22	3/8“ NPT	45,0	28,5	15,3	32	36		GE-L-22-3/8“-NPT-SC
160	22	1/2“ NPT	50,0	33,5	20,0	32	36		GE-L-22-1/2“-NPT-SC
160	22	3/4“ NPT	50,0	33,5	20,0	32	36		GE-L-22-3/4“-NPT-SC
160	22	1“ NPT	56,0	39,5	25,0	36	36		GE-L-22-1“-NPT-SC
160	22	1 1/4“ NPT	68,0	46,5	25,5	46	36		GE-L-22-1 1/4“-NPT-SC
160	28	1/2“ NPT	56,0	35,0	20,0	41	41		GE-L-28-1/2“-NPT-SC
160	28	3/4“ NPT	51,0	34,5	20,0	41	41		GE-L-28-3/4“-NPT-SC
160	28	1“ NPT	56,0	39,5	25,0	41	41		GE-L-28-1“-NPT-SC
160	28	1 1/4“ NPT	57,0	41,5	25,5	46	41		GE-L-28-1 1/4“-NPT-SC
160	35	3/4“ NPT	55,0	35,5	20,0	46	50		GE-L-35-3/4“-NPT-SC
160	35	1“ NPT	61,0	39,5	25,0	46	50		GE-L-35-1“-NPT-SC
160	35	1 1/4“ NPT	62,0	40,5	25,5	46	50		GE-L-35-1 1/4“-NPT-SC
160	35	1 1/2“ NPT	69,0	42,5	26,0	55	50		GE-L-35-1 1/2“-NPT-SC
160	42	1“ NPT	67,0	40,5	25,0	55	60		GE-L-42-1“-NPT-SC
160	42	1 1/4“ NPT	65,0	42,0	25,5	55	60		GE-L-42-1 1/4“-NPT-SC
160	42	1 1/2“ NPT	65,0	42,0	26,0	55	60		GE-L-42-1 1/2“-NPT-SC

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungsstutzen
LL-Reihe
Einschraubgewinde: NPT
Andere Sprunggrößen auf Anfrage!

Male Stud Coupling Bodies
LL-Series
Thread: NPT
Other jump sizes on request!



Reihe / Series LL

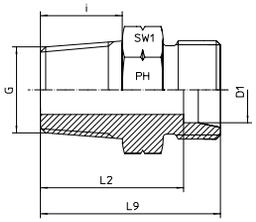
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L9**	**i**	**SW1**		
100	4	1/8“ NPT	18,5	22,0	10,0	11		GE-LL-04-1/8“-NPT-OMD
100	6	1/8“ NPT	16,5	23,0	10,0	11		GE-LL-06-1/8“-NPT-OMD
100	8	1/8“ NPT	18,5	24,0	10,0	12		GE-LL-08-1/8“-NPT-OMD
100	8	1/4“ NPT	23,5	29,0	15,0	14		GE-LL-08-1/4“-NPT-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungsstutzen
L-Reihe
Einschraubgewinde: NPT
Andere Sprunggrößen auf Anfrage!

Male Stud Coupling Bodies
L-Series
Thread: NPT
Other jump sizes on request!



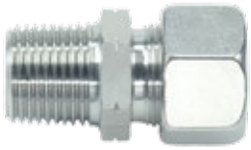
Reihe / Series L

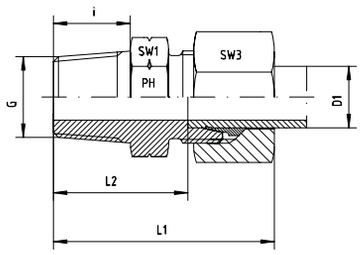
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L9	i	SW1		
315	6	1/8“ NPT	17,0	24,0	10,0	12		GE-L-06-1/8“-NPT-OMD
315	6	1/4“ NPT	23,0	31,0	15,0	17		GE-L-06-1/4“-NPT-OMD
315	6	3/8“ NPT	23,0	31,0	15,3	19		GE-L-06-3/8“-NPT-OMD
315	6	1/2“ NPT	29,0	36,0	20,0	22		GE-L-06-1/2“-NPT-OMD
315	8	1/8“ NPT	18,0	25,0	10,0	14		GE-L-08-1/8“-NPT-OMD
315	8	1/4“ NPT	23,0	30,0	15,0	17		GE-L-08-1/4“-NPT-OMD
315	8	3/8“ NPT	23,0	31,0	15,3	19		GE-L-08-3/8“-NPT-OMD
315	8	1/2“ NPT	29,0	36,0	20,0	22		GE-L-08-1/2“-NPT-OMD
315	10	1/8“ NPT	18,0	26,0	10,0	17		GE-L-10-1/8“-NPT-OMD
315	10	1/4“ NPT	24,0	31,0	15,0	17		GE-L-10-1/4“-NPT-OMD
315	10	3/8“ NPT	25,0	32,0	15,3	19		GE-L-10-3/8“-NPT-OMD
315	10	1/2“ NPT	30,0	37,0	20,0	22		GE-L-10-1/2“-NPT-OMD
160	10	3/4“ NPT	31,0	38,0	20,0	27		GE-L-10-3/4“-NPT-OMD
315	12	1/8“ NPT	19,0	27,0	10,0	19		GE-L-12-1/8“-NPT-OMD
315	12	1/4“ NPT	25,0	32,0	15,0	19		GE-L-12-1/4“-NPT-OMD
315	12	3/8“ NPT	25,0	32,0	15,3	19		GE-L-12-3/8“-NPT-OMD
315	12	1/2“ NPT	30,0	37,0	20,0	22		GE-L-12-1/2“-NPT-OMD
160	12	3/4“ NPT	31,0	38,0	20,0	27		GE-L-12-3/4“-NPT-OMD
315	15	1/4“ NPT	26,0	33,0	15,0	24		GE-L-15-1/4“-NPT-OMD
315	15	3/8“ NPT	26,0	33,0	15,3	24		GE-L-15-3/8“-NPT-OMD
315	15	1/2“ NPT	31,0	38,0	20,0	24		GE-L-15-1/2“-NPT-OMD
160	15	3/4“ NPT	32,0	39,0	20,0	27		GE-L-15-3/4“-NPT-OMD
160	18	1/4“ NPT	26,5	34,0	15,0	27		GE-L-18-1/4“-NPT-OMD
315	18	3/8“ NPT	26,5	34,0	15,3	27		GE-L-18-3/8“-NPT-OMD
315	18	1/2“ NPT	31,5	39,0	20,0	27		GE-L-18-1/2“-NPT-OMD
160	18	3/4“ NPT	31,5	39,0	20,0	27		GE-L-18-3/4“-NPT-OMD
160	18	1“ NPT	37,5	45,0	25,0	36		GE-L-18-1“-NPT-OMD
160	22	3/8“ NPT	28,5	36,0	15,3	32		GE-L-22-3/8“-NPT-OMD
160	22	1/2“ NPT	33,5	41,0	20,0	32		GE-L-22-1/2“-NPT-OMD
160	22	3/4“ NPT	33,5	41,0	20,0	32		GE-L-22-3/4“-NPT-OMD
160	22	1“ NPT	39,5	47,0	25,0	36		GE-L-22-1“-NPT-OMD
160	22	1 1/4“ NPT	46,5	54,0	25,5	46		GE-L-22-1 1/4“-NPT-OMD
160	28	1/2“ NPT	35,0	42,5	20,0	41		GE-L-28-1/2“-NPT-OMD
160	28	3/4“ NPT	34,5	42,5	20,0	41		GE-L-28-3/4“-NPT-OMD
160	28	1“ NPT	39,5	47,5	25,0	41		GE-L-28-1“-NPT-OMD
160	28	1 1/4“ NPT	41,5	49,0	25,5	46		GE-L-28-1 1/4“-NPT-OMD
160	35	3/4“ NPT	35,5	46,0	20,0	46		GE-L-35-3/4“-NPT-OMD
160	35	1“ NPT	39,5	50,0	25,0	46		GE-L-35-1“-NPT-OMD
160	35	1 1/4“ NPT	40,5	51,0	25,5	46		GE-L-35-1 1/4“-NPT-OMD
160	35	1 1/2“ NPT	42,5	53,0	26,0	55		GE-L-35-1 1/2“-NPT-OMD
160	42	1“ NPT	40,5	51,5	25,0	55		GE-L-42-1“-NPT-OMD
160	42	1 1/4“ NPT	42,0	53,0	25,5	55		GE-L-42-1 1/4“-NPT-OMD
160	42	1 1/2“ NPT	42,0	53,0	26,0	55		GE-L-42-1 1/2“-NPT-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
S-Reihe
Einschraubgewinde: NPT
Andere Sprunggrößen auf Anfrage!

Male Stud Couplings
S-Series
Thread: NPT
Other jump sizes on request!





Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
630	6	1/8“ NPT	36,0	21,0	10,0	14	17		GE-S-06-1/8“-NPT
630	6	1/4“ NPT	43,0	28,0	15,0	17	17		GE-S-06-1/4“-NPT
630	6	3/8“ NPT	41,0	26,0	15,3	19	17		GE-S-06-3/8“-NPT
630	6	1/2“ NPT	50,0	35,0	20,0	22	17		GE-S-06-1/2“-NPT
630	8	1/8“ NPT	40,0	23,0	10,0	17	19		GE-S-08-1/8“-NPT
630	8	1/4“ NPT	43,0	28,0	15,0	17	19		GE-S-08-1/4“-NPT
630	8	3/8“ NPT	43,0	28,0	15,3	19	19		GE-S-08-3/8“-NPT
630	8	1/2“ NPT	50,0	35,0	20,0	22	19		GE-S-08-1/2“-NPT
630	10	1/8“ NPT	40,0	22,5	10,0	19	22		GE-S-10-1/8“-NPT
630	10	1/4“ NPT	44,0	27,5	15,0	19	22		GE-S-10-1/4“-NPT
630	10	3/8“ NPT	44,0	27,5	15,3	19	22		GE-S-10-3/8“-NPT
630	10	1/2“ NPT	51,0	34,5	20,0	22	22		GE-S-10-1/2“-NPT
400	10	3/4“ NPT	50,5	31,5	20,0	27	22		GE-S-10-3/4“-NPT
630	12	1/4“ NPT	46,0	29,5	15,0	22	24		GE-S-12-1/4“-NPT
630	12	3/8“ NPT	46,0	29,5	15,3	22	24		GE-S-12-3/8“-NPT
630	12	1/2“ NPT	51,0	34,5	20,0	22	24		GE-S-12-1/2“-NPT
400	12	3/4“ NPT	53,0	36,5	20,0	27	24		GE-S-12-3/4“-NPT
630	14	3/8“ NPT	49,0	30,0	15,3	24	27		GE-S-14-3/8“-NPT
630	14	1/2“ NPT	54,0	36,0	20,0	24	27		GE-S-14-1/2“-NPT
400	14	3/4“ NPT	56,0	38,0	20,0	27	27		GE-S-14-3/4“-NPT
400	16	3/8“ NPT	49,0	30,5	15,3	27	30		GE-S-16-3/8“-NPT
400	16	1/2“ NPT	54,0	35,5	20,0	27	30		GE-S-16-1/2“-NPT
400	16	3/4“ NPT	56,0	37,5	20,0	30	30		GE-S-16-3/4“-NPT
400	16	1“ NPT	63,0	44,5	25,0	36	30		GE-S-16-1“-NPT
400	20	3/8“ NPT	59,0	32,5	15,3	32	36		GE-S-20-3/8“-NPT
400	20	1/2“ NPT	59,0	37,5	20,0	32	36		GE-S-20-1/2“-NPT
400	20	3/4“ NPT	59,0	37,5	20,0	32	36		GE-S-20-3/4“-NPT
400	20	1“ NPT	66,0	44,5	25,0	36	36		GE-S-20-1“-NPT
400	20	1 1/4“ NPT	67,5	44,5	25,5	46	36		GE-S-20-1 1/4“-NPT
400	25	1/2“ NPT	67,5	40,0	20,0	41	46		GE-S-25-1/2“-NPT
400	25	3/4“ NPT	64,0	40,0	20,0	41	46		GE-S-25-3/4“-NPT
400	25	1“ NPT	69,0	45,0	25,0	41	46		GE-S-25-1“-NPT
400	25	1 1/4“ NPT	70,0	46,0	25,5	46	46		GE-S-25-1 1/4“-NPT
400	30	3/4“ NPT	67,0	40,5	20,0	46	50		GE-S-30-3/4“-NPT
400	30	1“ NPT	72,0	45,5	25,0	46	50		GE-S-30-1“-NPT
400	30	1 1/4“ NPT	73,0	46,5	25,5	46	50		GE-S-30-1 1/4“-NPT
315	30	1 1/2“ NPT	73,0	46,5	26,0	55	50		GE-S-30-1 1/2“-NPT
315	38	1“ NPT	79,0	48,0	25,0	55	60		GE-S-38-1“-NPT
315	38	1 1/4“ NPT	80,0	49,0	25,5	55	60		GE-S-38-1 1/4“-NPT
315	38	1 1/2“ NPT	80,0	49,0	26,0	55	60		GE-S-38-1 1/2“-NPT

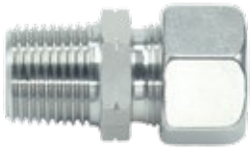
GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

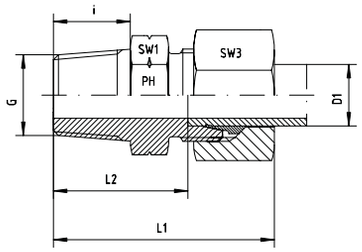
GE - MALE - STUD - COUPLINGS

EDELSTAHL / STAINLESS STEEL
VERBINDUNGSTECHNIK
FLUID CONNECTORS

Gerade Einschraubverschraubungen
S-Reihe
Einschraubgewinde: NPT
Andere Sprunggrößen auf Anfrage!

Male Stud Couplings
S-Series
Thread: NPT
Other jump sizes on request!





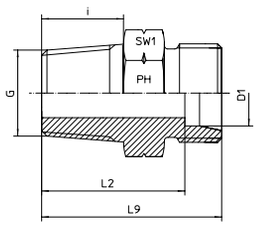
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
630	6	1/8“ NPT	36,0	21,0	10,0	14	17		GE-S-06-1/8“-NPT-SC
630	6	1/4“ NPT	43,0	28,0	15,0	17	17		GE-S-06-1/4“-NPT-SC
630	6	3/8“ NPT	41,0	26,0	15,3	19	17		GE-S-06-3/8“-NPT-SC
630	6	1/2“ NPT	50,0	35,0	20,0	22	17		GE-S-06-1/2“-NPT-SC
630	8	1/8“ NPT	40,0	23,0	10,0	17	19		GE-S-08-1/8“-NPT-SC
630	8	1/4“ NPT	43,0	28,0	15,0	17	19		GE-S-08-1/4“-NPT-SC
630	8	3/8“ NPT	43,0	28,0	15,3	19	19		GE-S-08-3/8“-NPT-SC
630	8	1/2“ NPT	50,0	35,0	20,0	22	19		GE-S-08-1/2“-NPT-SC
630	10	1/8“ NPT	40,0	22,5	10,0	19	22		GE-S-10-1/8“-NPT-SC
630	10	1/4“ NPT	44,0	27,5	15,0	19	22		GE-S-10-1/4“-NPT-SC
630	10	3/8“ NPT	44,0	27,5	15,3	19	22		GE-S-10-3/8“-NPT-SC
630	10	1/2“ NPT	51,0	34,5	20,0	22	22		GE-S-10-1/2“-NPT-SC
400	10	3/4“ NPT	50,5	31,5	20,0	27	22		GE-S-10-3/4“-NPT-SC
630	12	1/4“ NPT	46,0	29,5	15,0	22	24		GE-S-12-1/4“-NPT-SC
630	12	3/8“ NPT	46,0	29,5	15,3	22	24		GE-S-12-3/8“-NPT-SC
630	12	1/2“ NPT	51,0	34,5	20,0	22	24		GE-S-12-1/2“-NPT-SC
400	12	3/4“ NPT	53,0	36,5	20,0	27	24		GE-S-12-3/4“-NPT-SC
630	14	3/8“ NPT	49,0	30,0	15,3	24	27		GE-S-14-3/8“-NPT-SC
630	14	1/2“ NPT	54,0	36,0	20,0	24	27		GE-S-14-1/2“-NPT-SC
400	14	3/4“ NPT	56,0	38,0	20,0	27	27		GE-S-14-3/4“-NPT-SC
400	16	3/8“ NPT	49,0	30,5	15,3	27	30		GE-S-16-3/8“-NPT-SC
400	16	1/2“ NPT	54,0	35,5	20,0	27	30		GE-S-16-1/2“-NPT-SC
400	16	3/4“ NPT	56,0	37,5	20,0	30	30		GE-S-16-3/4“-NPT-SC
400	16	1“ NPT	63,0	44,5	25,0	36	30		GE-S-16-1“-NPT-SC
400	20	3/8“ NPT	59,0	32,5	15,3	32	36		GE-S-20-3/8“-NPT-SC
400	20	1/2“ NPT	59,0	37,5	20,0	32	36		GE-S-20-1/2“-NPT-SC
400	20	3/4“ NPT	59,0	37,5	20,0	32	36		GE-S-20-3/4“-NPT-SC
400	20	1“ NPT	66,0	44,5	25,0	36	36		GE-S-20-1“-NPT-SC
400	20	1 1/4“ NPT	67,5	44,5	25,5	46	36		GE-S-20-1 1/4“-NPT-SC
400	25	1/2“ NPT	67,5	40,0	20,0	41	46		GE-S-25-1/2“-NPT-SC
400	25	3/4“ NPT	64,0	40,0	20,0	41	46		GE-S-25-3/4“-NPT-SC
400	25	1“ NPT	69,0	45,0	25,0	41	46		GE-S-25-1“-NPT-SC
400	25	1 1/4“ NPT	70,0	46,0	25,5	46	46		GE-S-25-1 1/4“-NPT-SC
400	30	3/4“ NPT	67,0	40,5	20,0	46	50		GE-S-30-3/4“-NPT-SC
400	30	1“ NPT	72,0	45,5	25,0	46	50		GE-S-30-1“-NPT-SC
400	30	1 1/4“ NPT	73,0	46,5	25,5	46	50		GE-S-30-1 1/4“-NPT-SC
315	30	1 1/2“ NPT	73,0	46,5	26,0	55	50		GE-S-30-1 1/2“-NPT-SC
315	38	1“ NPT	79,0	48,0	25,0	55	60		GE-S-38-1“-NPT-SC
315	38	1 1/4“ NPT	80,0	49,0	25,5	55	60		GE-S-38-1 1/4“-NPT-SC
315	38	1 1/2“ NPT	80,0	49,0	26,0	55	60		GE-S-38-1 1/2“-NPT-SC

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungsstutzen
S-Reihe
Einschraubgewinde: NPT
Andere Sprunggrößen auf Anfrage!

Male Stud Coupling Bodies
S-Series
Thread: NPT
Other jump sizes on request!



Reihe / Series S

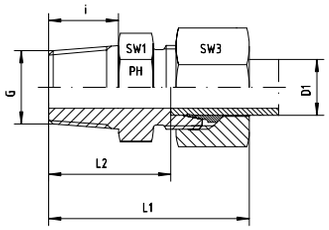
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L9	i	SW1		
630	6	1/8“ NPT	21,0	28,0	10,0	14		GE-S-06-1/8“-NPT-OMD
630	6	1/4“ NPT	28,0	35,0	15,0	17		GE-S-06-1/4“-NPT-OMD
630	6	3/8“ NPT	26,0	33,0	15,3	19		GE-S-06-3/8“-NPT-OMD
630	6	1/2“ NPT	35,0	42,0	20,0	22		GE-S-06-1/2“-NPT-OMD
630	8	1/8“ NPT	23,0	30,0	10,0	17		GE-S-08-1/8“-NPT-OMD
630	8	1/4“ NPT	28,0	35,0	15,0	17		GE-S-08-1/4“-NPT-OMD
630	8	3/8“ NPT	28,0	37,0	15,3	19		GE-S-08-3/8“-NPT-OMD
630	8	1/2“ NPT	35,0	42,0	20,0	22		GE-S-08-1/2“-NPT-OMD
630	10	1/8“ NPT	22,5	30,0	10,0	19		GE-S-10-1/8“-NPT-OMD
630	10	1/4“ NPT	27,5	35,0	15,0	19		GE-S-10-1/4“-NPT-OMD
630	10	3/8“ NPT	27,5	35,0	15,3	19		GE-S-10-3/8“-NPT-OMD
630	10	1/2“ NPT	34,5	39,0	20,0	22		GE-S-10-1/2“-NPT-OMD
400	10	3/4“ NPT	31,5	39,0	20,0	27		GE-S-10-3/4“-NPT-OMD
630	12	1/4“ NPT	29,5	37,0	15,0	22		GE-S-12-1/4“-NPT-OMD
630	12	3/8“ NPT	29,5	37,0	15,3	22		GE-S-12-3/8“-NPT-OMD
630	12	1/2“ NPT	34,5	42,0	20,0	22		GE-S-12-1/2“-NPT-OMD
400	12	3/4“ NPT	36,5	39,0	20,0	27		GE-S-12-3/4“-NPT-OMD
630	14	3/8“ NPT	30,0	38,0	15,3	24		GE-S-14-3/8“-NPT-OMD
630	14	1/2“ NPT	36,0	44,0	20,0	24		GE-S-14-1/2“-NPT-OMD
400	14	3/4“ NPT	38,0	44,0	20,0	27		GE-S-14-3/4“-NPT-OMD
400	16	3/8“ NPT	30,5	39,0	15,3	27		GE-S-16-3/8“-NPT-OMD
400	16	1/2“ NPT	35,5	44,0	20,0	27		GE-S-16-1/2“-NPT-OMD
400	16	3/4“ NPT	37,5	46,0	20,0	30		GE-S-16-3/4“-NPT-OMD
400	16	1“ NPT	44,5	52,0	25,0	36		GE-S-16-1“-NPT-OMD
400	20	3/8“ NPT	32,5	43,0	15,3	32		GE-S-20-3/8“-NPT-OMD
400	20	1/2“ NPT	37,5	46,0	20,0	32		GE-S-20-1/2“-NPT-OMD
400	20	3/4“ NPT	37,5	48,0	20,0	32		GE-S-20-3/4“-NPT-OMD
400	20	1“ NPT	44,5	55,0	25,0	36		GE-S-20-1“-NPT-OMD
400	20	1 1/4“ NPT	44,5	55,0	25,5	46		GE-S-20-1 1/4“-NPT-OMD
400	25	1/2“ NPT	40,0	52,0	20,0	41		GE-S-25-1/2“-NPT-OMD
400	25	3/4“ NPT	40,0	52,0	20,0	41		GE-S-25-3/4“-NPT-OMD
400	25	1“ NPT	45,0	57,0	25,0	41		GE-S-25-1“-NPT-OMD
400	25	1 1/4“ NPT	46,0	58,0	25,5	46		GE-S-25-1 1/4“-NPT-OMD
400	30	3/4“ NPT	40,5	52,0	20,0	46		GE-S-30-3/4“-NPT-OMD
400	30	1“ NPT	45,5	59,5	25,0	46		GE-S-30-1“-NPT-OMD
400	30	1 1/4“ NPT	46,5	60,0	25,5	46		GE-S-30-1 1/4“-NPT-OMD
315	30	1 1/2“ NPT	46,5	63,0	26,0	55		GE-S-30-1 1/2“-NPT-OMD
315	38	1“ NPT	48,0	64,0	25,0	55		GE-S-38-1“-NPT-OMD
315	38	1 1/4“ NPT	49,0	65,0	25,5	55		GE-S-38-1 1/4“-NPT-OMD
315	38	1 1/2“ NPT	49,0	65,0	26,0	55		GE-S-38-1 1/2“-NPT-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
LL- und L-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig
Andere Sprunggrößen auf Anfrage!

Male Stud Couplings
LL- and L-Series
Thread: BSP - Taper
Other jump sizes on request!



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
100	4	R 1/8“ keg	26,0	16,0	8,0	11	10		GE-LL-04-R 1/8“-k
100	6	R 1/8“ keg	26,0	14,5	8,0	11	12		GE-LL-06-R 1/8“-k
100	6	R 1/4“ keg	31,0	18,5	12,0	14	12		GE-LL-06-R 1/4“-k
100	8	R 1/8“ keg	28,0	16,5	8,0	12	14		GE-LL-08-R 1/8“-k
100	8	R 1/4“ keg	32,0	20,5	12,0	14	12		GE-LL-08-R 1/4“-k

Reihe / Series L

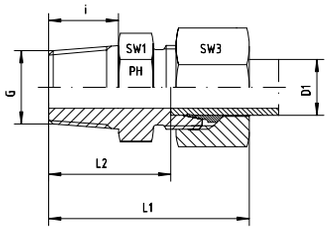
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
315	6	R 1/8“ keg	30,0	15,0	8,0	12	14		GE-L-06-R 1/8“-k
315	6	R 1/4“ keg	35,0	20,0	12,0	17	14		GE-L-06-R 1/4“-k
315	6	R 3/8“ keg	36,0	21,0	12,0	17	14		GE-L-06-R 3/8“-k
315	6	R 1/2“ keg	40,0	23,0	14,0	22	14		GE-L-06-R 1/2“-k
315	8	R 1/8“ keg	31,0	16,0	8,0	14	17		GE-L-08-R 1/8“-k
315	8	R 1/4“ keg	35,0	20,0	12,0	17	17		GE-L-08-R 1/4“-k
315	8	R 3/8“ keg	35,0	20,0	12,0	17	17		GE-L-08-R 3/8“-k
315	8	R 1/2“ keg	38,0	22,0	14,0	22	17		GE-L-08-R 1/2“-k
315	10	R 1/8“ keg	32,0	17,0	8,0	17	19		GE-L-10-R 1/8“-k
315	10	R 1/4“ keg	36,0	21,0	12,0	17	19		GE-L-10-R 1/4“-k
315	10	R 3/8“ keg	36,0	21,0	12,0	17	19		GE-L-10-R 3/8“-k
315	10	R 1/2“ keg	39,0	24,0	14,0	22	19		GE-L-10-R 1/2“-k
315	12	R 1/8“ keg	36,0	18,0	8,0	19	22		GE-L-12-R 1/8“-k
315	12	R 1/4“ keg	37,0	22,0	12,0	19	22		GE-L-12-R 1/4“-k
315	12	R 3/8“ keg	37,0	22,0	12,0	19	22		GE-L-12-R 3/8“-k
315	12	R 1/2“ keg	39,0	24,0	14,0	22	22		GE-L-12-R 1/2“-k
160	12	R 3/4“ keg	43,0	27,0	16,0	27	22		GE-L-12-R 3/4“-k
315	15	R 1/4“ keg	42,0	26,0	12,0	24	27		GE-L-15-R 1/4“-k
315	15	R 3/8“ keg	42,0	23,0	12,0	24	27		GE-L-15-R 3/8“-k
315	15	R 1/2“ keg	42,0	25,0	14,0	24	27		GE-L-15-R 1/2“-k
160	15	R 3/4“ keg	45,0	28,0	16,0	27	27		GE-L-15-R 3/4“-k
315	18	R 3/8“ keg	42,0	23,5	12,0	27	32		GE-L-18-R 3/8“-k
315	18	R 1/2“ keg	42,0	25,5	14,0	27	32		GE-L-18-R 1/2“-k
160	18	R 3/4“ keg	47,0	27,5	16,0	27	32		GE-L-18-R 3/4“-k
160	22	R 3/8“ keg	46,0	25,5	12,0	32	36		GE-L-22-R 3/8“-k
160	22	R 1/2“ keg	46,0	25,5	14,0	32	36		GE-L-22-R 1/2“-k
160	22	R 3/4“ keg	46,0	29,5	16,0	32	36		GE-L-22-R 3/4“-k
160	22	R 1“ keg	50,0	31,5	18,0	36	36		GE-L-22-R 1“-k
160	28	R 1/2“ keg	49,0	28,5	14,0	41	41		GE-L-28-R 1/2“-k
160	28	R 3/4“ keg	49,0	30,5	16,0	41	41		GE-L-28-R 3/4“-k
160	28	R 1“ keg	49,0	32,5	18,0	41	41		GE-L-28-R 1“-k
160	28	R 1 1/4“ keg	49,0	30,5	20,0	46	41		GE-L-28-R 1 1/4“-k
160	35	R 1“ keg	51,0	27,5	18,0	46	50		GE-L-35-R 1“-k
160	35	R 1 1/4“ keg	56,0	34,5	20,0	46	50		GE-L-35-R 1 1/4“-k
160	35	R 1 1/2“ keg	63,0	37,5	22,0	50	50		GE-L-35-R 1 1/2“-k
160	42	R 1 1/4“ keg	55,0	31,0	20,0	55	60		GE-L-42-R 1 1/4“-k
160	42	R 1 1/2“ keg	61,0	38,0	22,0	55	60		GE-L-42-R 1 1/2“-k

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig
Andere Sprunggrößen auf Anfrage!

Male Stud Couplings
L-Series
Thread: BSP - Taper
Other jump sizes on request!



Reihe / Series L

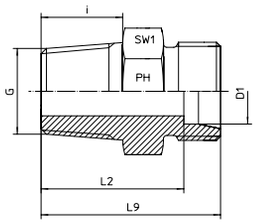
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
315	6	R 1/8“ keg	30,0	15,0	8,0	12	14		GE-L-06-R 1/8“-k-SC
315	6	R 1/4“ keg	35,0	20,0	12,0	17	14		GE-L-06-R 1/4“-k-SC
315	6	R 3/8“ keg	36,0	21,0	12,0	17	14		GE-L-06-R 3/8“-k-SC
315	6	R 1/2“ keg	40,0	23,0	14,0	22	14		GE-L-06-R 1/2“-k-SC
315	8	R 1/8“ keg	31,0	16,0	8,0	14	17		GE-L-08-R 1/8“-k-SC
315	8	R 1/4“ keg	35,0	20,0	12,0	17	17		GE-L-08-R 1/4“-k-SC
315	8	R 3/8“ keg	35,0	20,0	12,0	17	17		GE-L-08-R 3/8“-k-SC
315	8	R 1/2“ keg	38,0	22,0	14,0	22	17		GE-L-08-R 1/2“-k-SC
315	10	R 1/8“ keg	32,0	17,0	8,0	17	19		GE-L-10-R 1/8“-k-SC
315	10	R 1/4“ keg	36,0	21,0	12,0	17	19		GE-L-10-R 1/4“-k-SC
315	10	R 3/8“ keg	36,0	21,0	12,0	17	19		GE-L-10-R 3/8“-k-SC
315	10	R 1/2“ keg	39,0	24,0	14,0	22	19		GE-L-10-R 1/2“-k-SC
315	12	R 1/8“ keg	36,0	18,0	8,0	19	22		GE-L-12-R 1/8“-k-SC
315	12	R 1/4“ keg	37,0	22,0	12,0	19	22		GE-L-12-R 1/4“-k-SC
315	12	R 3/8“ keg	37,0	22,0	12,0	19	22		GE-L-12-R 3/8“-k-SC
315	12	R 1/2“ keg	39,0	24,0	14,0	22	22		GE-L-12-R 1/2“-k-SC
160	12	R 3/4“ keg	43,0	27,0	16,0	27	22		GE-L-12-R 3/4“-k-SC
315	15	R 1/4“ keg	42,0	26,0	12,0	24	27		GE-L-15-R 1/4“-k-SC
315	15	R 3/8“ keg	42,0	23,0	12,0	24	27		GE-L-15-R 3/8“-k-SC
315	15	R 1/2“ keg	42,0	25,0	14,0	24	27		GE-L-15-R 1/2“-k-SC
160	15	R 3/4“ keg	45,0	28,0	16,0	27	27		GE-L-15-R 3/4“-k-SC
315	18	R 3/8“ keg	42,0	23,5	12,0	27	32		GE-L-18-R 3/8“-k-SC
315	18	R 1/2“ keg	42,0	25,5	14,0	27	32		GE-L-18-R 1/2“-k-SC
160	18	R 3/4“ keg	47,0	27,5	16,0	27	32		GE-L-18-R 3/4“-k-SC
160	22	R 3/8“ keg	46,0	25,5	12,0	32	36		GE-L-22-R 3/8“-k-SC
160	22	R 1/2“ keg	46,0	25,5	14,0	32	36		GE-L-22-R 1/2“-k-SC
160	22	R 3/4“ keg	46,0	29,5	16,0	32	36		GE-L-22-R 3/4“-k-SC
160	22	R 1“ keg	50,0	31,5	18,0	36	36		GE-L-22-R 1“-k-SC
160	28	R 1/2“ keg	49,0	28,5	14,0	41	41		GE-L-28-R 1/2“-k-SC
160	28	R 3/4“ keg	49,0	30,5	16,0	41	41		GE-L-28-R 3/4“-k-SC
160	28	R 1“ keg	49,0	32,5	18,0	41	41		GE-L-28-R 1“-k-SC
160	28	R 1 1/4“ keg	49,0	30,5	20,0	46	41		GE-L-28-R 1 1/4“-k-SC
160	35	R 1“ keg	51,0	27,5	18,0	46	50		GE-L-35-R 1“-k-SC
160	35	R 1 1/4“ keg	56,0	34,5	20,0	46	50		GE-L-35-R 1 1/4“-k-SC
160	35	R 1 1/2“ keg	63,0	37,5	22,0	50	50		GE-L-35-R 1 1/2“-k-SC
160	42	R 1 1/4“ keg	55,0	31,0	20,0	55	60		GE-L-42-R 1 1/4“-k-SC
160	42	R 1 1/2“ keg	61,0	38,0	22,0	55	60		GE-L-42-R 1 1/2“-k-SC

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungsstutzen
LL- und L-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig
Andere Sprunggrößen auf Anfrage!

Male Stud Coupling Bodies
LL- and L-Series
Thread: BSP - Taper
Other jump sizes on request!



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L9	i	SW1		
100	4	R 1/8“ keg	16,0	20,0	8,0	11		GE-LL-04-R 1/8“-k-OMD
100	6	R 1/8“ keg	14,5	21,0	8,0	11		GE-LL-06-R 1/8“-k-OMD
100	6	R 1/4“ keg	18,5	24,0	12,0	14		GE-LL-06-R 1/4“-k-OMD
100	8	R 1/8“ keg	16,5	22,0	8,0	12		GE-LL-08-R 1/8“-k-OMD
100	8	R 1/4“ keg	20,5	26,0	12,0	14		GE-LL-08-R 1/4“-k-OMD

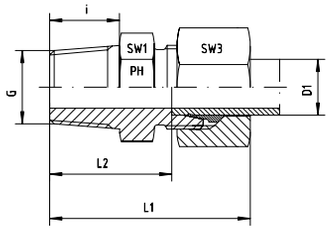
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L9	i	SW1		
315	6	R 1/8“ keg	15,0	22,0	8,0	12		GE-L-06-R 1/8“-k-OMD
315	6	R 1/4“ keg	20,0	27,0	12,0	17		GE-L-06-R 1/4“-k-OMD
315	6	R 3/8“ keg	21,0	27,0	12,0	17		GE-L-06-R 3/8“-k-OMD
315	6	R 1/2“ keg	23,0	30,0	14,0	22		GE-L-06-R 1/2“-k-OMD
315	8	R 1/8“ keg	16,0	23,0	8,0	14		GE-L-08-R 1/8“-k-OMD
315	8	R 1/4“ keg	20,0	27,0	12,0	17		GE-L-08-R 1/4“-k-OMD
315	8	R 3/8“ keg	20,0	27,0	12,0	17		GE-L-08-R 3/8“-k-OMD
315	8	R 1/2“ keg	22,0	30,0	14,0	22		GE-L-08-R 1/2“-k-OMD
315	10	R 1/8“ keg	17,0	24,0	8,0	17		GE-L-10-R 1/8“-k-OMD
315	10	R 1/4“ keg	21,0	28,0	12,0	17		GE-L-10-R 1/4“-k-OMD
315	10	R 3/8“ keg	21,0	28,0	12,0	17		GE-L-10-R 3/8“-k-OMD
315	10	R 1/2“ keg	24,0	31,0	14,0	22		GE-L-10-R 1/2“-k-OMD
315	12	R 1/8“ keg	18,0	25,0	8,0	19		GE-L-12-R 1/8“-k-OMD
315	12	R 1/4“ keg	22,0	29,0	12,0	19		GE-L-12-R 1/4“-k-OMD
315	12	R 3/8“ keg	22,0	29,0	12,0	19		GE-L-12-R 3/8“-k-OMD
315	12	R 1/2“ keg	24,0	31,0	14,0	22		GE-L-12-R 1/2“-k-OMD
160	12	R 3/4“ keg	27,0	34,0	16,0	27		GE-L-12-R 3/4“-k-OMD
315	15	R 1/4“ keg	26,0	33,0	12,0	24		GE-L-15-R 1/4“-k-OMD
315	15	R 3/8“ keg	23,0	30,0	12,0	24		GE-L-15-R 3/8“-k-OMD
315	15	R 1/2“ keg	25,0	32,0	14,0	24		GE-L-15-R 1/2“-k-OMD
160	15	R 3/4“ keg	28,0	35,0	16,0	27		GE-L-15-R 3/4“-k-OMD
315	18	R 3/8“ keg	23,5	31,0	12,0	27		GE-L-18-R 3/8“-k-OMD
315	18	R 1/2“ keg	25,5	33,0	14,0	27		GE-L-18-R 1/2“-k-OMD
160	18	R 3/4“ keg	27,5	35,0	16,0	27		GE-L-18-R 3/4“-k-OMD
160	22	R 3/8“ keg	25,5	33,0	12,0	32		GE-L-22-R 3/8“-k-OMD
160	22	R 1/2“ keg	25,5	35,0	14,0	32		GE-L-22-R 1/2“-k-OMD
160	22	R 3/4“ keg	29,5	37,0	16,0	32		GE-L-22-R 3/4“-k-OMD
160	22	R 1“ keg	31,5	39,5	18,0	36		GE-L-22-R 1“-k-OMD
160	28	R 1/2“ keg	28,5	36,0	14,0	41		GE-L-28-R 1/2“-k-OMD
160	28	R 3/4“ keg	30,5	38,0	16,0	41		GE-L-28-R 3/4“-k-OMD
160	28	R 1“ keg	32,5	40,0	18,0	41		GE-L-28-R 1“-k-OMD
160	28	R 1 1/4“ keg	30,5	38,0	20,0	46		GE-L-28-R 1 1/4“-k-OMD
160	35	R 1“ keg	27,5	42,0	18,0	46		GE-L-35-R 1“-k-OMD
160	35	R 1 1/4“ keg	34,5	45,0	20,0	46		GE-L-35-R 1 1/4“-k-OMD
160	35	R 1 1/2“ keg	37,5	48,0	22,0	50		GE-L-35-R 1 1/2“-k-OMD
160	42	R 1 1/4“ keg	31,0	42,0	20,0	55		GE-L-42-R 1 1/4“-k-OMD
160	42	R 1 1/2“ keg	38,0	49,0	22,0	55		GE-L-42-R 1 1/2“-k-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig
Andere Sprunggrößen auf Anfrage!

(1) Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.



Male Stud Couplings
S-Series
Thread: BSP - Taper
Other jump sizes on request!

(1) The pressure rates are only valid, if the female parts are with tapered threads, too.

Reihe / Series S

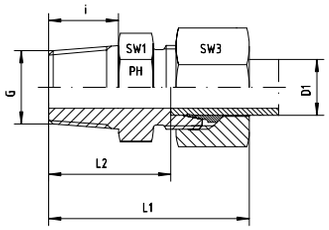
Druck Pressure	**Rohr A.D.** Tube O.D.	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions					**Bemerkungen** Notes	**Bestellzeichen** Order-Code
(1) PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
630	6	R 1/8“ keg	36,0	19,0	8,0	14	17		GE-S-06-R 1/8“-k
630	6	R 1/4“ keg	40,0	25,0	12,0	17	17		GE-S-06-R 1/4“-k
630	6	R 3/8“ keg	40,0	25,0	12,0	17	17		GE-S-06-R 3/8“-k
630	8	R 1/8“ keg	35,0	19,0	8,0	17	19		GE-S-08-R 1/8“-k
630	8	R 1/4“ keg	40,0	25,0	12,0	17	19		GE-S-08-R 1/4“-k
630	8	R 3/8“ keg	40,0	25,0	12,0	19	19		GE-S-08-R 3/8“-k
630	10	R 1/4“ keg	41,0	25,0	12,0	19	22		GE-S-10-R 1/4“-k
630	10	R 3/8“ keg	41,0	25,0	12,0	19	22		GE-S-10-R 3/8“-k
630	10	R 1/2“ keg	45,0	26,5	14,0	22	22		GE-S-10-R 1/2“-k
630	12	R 1/4“ keg	43,0	26,5	12,0	22	24		GE-S-12-R 1/4“-k
630	12	R 3/8“ keg	42,0	25,0	12,0	22	24		GE-S-12-R 3/8“-k
630	12	R 1/2“ keg	44,0	26,5	14,0	22	24		GE-S-12-R 1/2“-k
630	14	R 3/8“ keg	46,0	27,0	12,0	24	27		GE-S-14-R 3/8“-k
630	14	R 1/2“ keg	50,5	32,0	14,0	24	27		GE-S-14-R 1/2“-k
400	16	R 3/8“ keg	48,0	28,5	12,0	27	30		GE-S-16-R 3/8“-k
400	16	R 1/2“ keg	49,0	29,0	14,0	27	30		GE-S-16-R 1/2“-k
400	16	R 3/4“ keg	53,0	31,5	16,0	27	30		GE-S-16-R 3/4“-k
400	20	R 1/2“ keg	54,0	29,5	14,0	32	36		GE-S-20-R 1/2“-k
400	20	R 3/4“ keg	55,0	33,5	16,0	32	36		GE-S-20-R 3/4“-k
160	20	R 1“ keg	58,0	35,5	18,0	36	36		GE-S-20-R 1“-k
160	25	R 3/4“ keg	60,0	34,0	16,0	41	46		GE-S-25-R 3/4“-k
160	25	R 1“ keg	59,0	33,0	18,0	41	46		GE-S-25-R 1“-k
160	30	R 1 1/4“ keg	63,0	35,5	20,0	46	50		GE-S-30-R 1 1/4“-k
160	38	R 1 1/2“ keg	81,0	49,0	22,0	55	60		GE-S-38-R 1 1/2“-k

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig
Andere Sprunggrößen auf Anfrage!

(1) Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.



Male Stud Couplings
S-Series
Thread: BSP - Taper
Other jump sizes on request!

(1) The pressure rates are only valid, if the female parts are with tapered threads, too.

Reihe / Series S

Druck Pressure	**Rohr A.D.** Tube O.D.	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions					**Bemerkungen** Notes	**Bestellzeichen** Order-Code
(1) PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
630	6	R 1/8“ keg	36,0	19,0	8,0	14	17		GE-S-06-R 1/8“-k-SC
630	6	R 1/4“ keg	40,0	25,0	12,0	17	17		GE-S-06-R 1/4“-k-SC
630	6	R 3/8“ keg	40,0	25,0	12,0	17	17		GE-S-06-R 3/8“-k-SC
630	8	R 1/8“ keg	35,0	19,0	8,0	17	19		GE-S-08-R 1/8“-k-SC
630	8	R 1/4“ keg	40,0	25,0	12,0	17	19		GE-S-08-R 1/4“-k-SC
630	8	R 3/8“ keg	40,0	25,0	12,0	19	19		GE-S-08-R 3/8“-k-SC
630	10	R 1/4“ keg	41,0	25,0	12,0	19	22		GE-S-10-R 1/4“-k-SC
630	10	R 3/8“ keg	41,0	25,0	12,0	19	22		GE-S-10-R 3/8“-k-SC
630	10	R 1/2“ keg	45,0	26,5	14,0	22	22		GE-S-10-R 1/2“-k-SC
630	12	R 1/4“ keg	43,0	26,5	12,0	22	24		GE-S-12-R 1/4“-k-SC
630	12	R 3/8“ keg	42,0	25,0	12,0	22	24		GE-S-12-R 3/8“-k-SC
630	12	R 1/2“ keg	44,0	26,5	14,0	22	24		GE-S-12-R 1/2“-k-SC
630	14	R 3/8“ keg	46,0	27,0	12,0	24	27		GE-S-14-R 3/8“-k-SC
630	14	R 1/2“ keg	50,5	32,0	14,0	24	27		GE-S-14-R 1/2“-k-SC
400	16	R 3/8“ keg	48,0	28,5	12,0	27	30		GE-S-16-R 3/8“-k-SC
400	16	R 1/2“ keg	49,0	29,0	14,0	27	30		GE-S-16-R 1/2“-k-SC
400	16	R 3/4“ keg	53,0	31,5	16,0	27	30		GE-S-16-R 3/4“-k-SC
400	20	R 1/2“ keg	54,0	29,5	14,0	32	36		GE-S-20-R 1/2“-k-SC
400	20	R 3/4“ keg	55,0	33,5	16,0	32	36		GE-S-20-R 3/4“-k-SC
160	20	R 1“ keg	58,0	35,5	18,0	36	36		GE-S-20-R 1“-k-SC
160	25	R 3/4“ keg	60,0	34,0	16,0	41	46		GE-S-25-R 3/4“-k-SC
160	25	R 1“ keg	59,0	33,0	18,0	41	46		GE-S-25-R 1“-k-SC
160	30	R 1 1/4“ keg	63,0	35,5	20,0	46	50		GE-S-30-R 1 1/4“-k-SC
160	38	R 1 1/2“ keg	81,0	49,0	22,0	55	60		GE-S-38-R 1 1/2“-k-SC

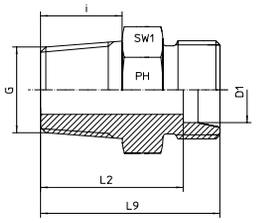
GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungsstutzen
S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig
Andere Sprunggrößen auf Anfrage!

(1) Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.

Male Stud Coupling Bodies
S-Series
Thread: BSP - Taper
Other jump sizes on request!

(1) The pressure rates are only valid, if the female parts are with tapered threads, too.



Reihe / Series S

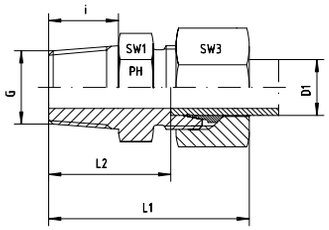
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
(1) PN	D1	G	L2	L9	i	SW1		
630	6	R 1/8“ keg	19,0	26,0	8,0	14		GE-S-06-R 1/8“-k-OMD
630	6	R 1/4“ keg	25,0	32,0	12,0	17		GE-S-06-R 1/4“-k-OMD
630	6	R 3/8“ keg	25,0	32,0	12,0	17		GE-S-06-R 3/8“-k-OMD
630	8	R 1/8“ keg	19,0	26,0	8,0	17		GE-S-08-R 1/8“-k-OMD
630	8	R 1/4“ keg	25,0	32,0	12,0	17		GE-S-08-R 1/4“-k-OMD
630	8	R 3/8“ keg	25,0	32,0	12,0	19		GE-S-08-R 3/8“-k-OMD
630	10	R 1/4“ keg	25,0	32,0	12,0	19		GE-S-10-R 1/4“-k-OMD
630	10	R 3/8“ keg	25,0	32,0	12,0	19		GE-S-10-R 3/8“-k-OMD
630	10	R 1/2“ keg	26,5	34,0	14,0	22		GE-S-10-R 1/2“-k-OMD
630	12	R 1/4“ keg	26,5	34,0	12,0	22		GE-S-12-R 1/4“-k-OMD
630	12	R 3/8“ keg	25,0	32,0	12,0	22		GE-S-12-R 3/8“-k-OMD
630	12	R 1/2“ keg	26,5	34,0	14,0	22		GE-S-12-R 1/2“-k-OMD
630	14	R 3/8“ keg	27,0	35,0	12,0	24		GE-S-14-R 3/8“-k-OMD
630	14	R 1/2“ keg	32,0	38,0	14,0	24		GE-S-14-R 1/2“-k-OMD
400	16	R 3/8“ keg	28,5	36,0	12,0	27		GE-S-16-R 3/8“-k-OMD
400	16	R 1/2“ keg	29,0	38,0	14,0	27		GE-S-16-R 1/2“-k-OMD
400	16	R 3/4“ keg	31,5	40,0	16,0	27		GE-S-16-R 3/4“-k-OMD
400	20	R 1/2“ keg	29,5	40,0	14,0	32		GE-S-20-R 1/2“-k-OMD
400	20	R 3/4“ keg	33,5	44,0	16,0	32		GE-S-20-R 3/4“-k-OMD
160	20	R 1“ keg	35,5	46,0	18,0	36		GE-S-20-R 1“-k-OMD
160	25	R 3/4“ keg	34,0	46,0	16,0	41		GE-S-25-R 3/4“-k-OMD
160	25	R 1“ keg	33,0	49,0	18,0	41		GE-S-25-R 1“-k-OMD
160	30	R 1 1/4“ keg	35,5	49,0	20,0	46		GE-S-30-R 1 1/4“-k-OMD
160	38	R 1 1/2“ keg	49,0	65,0	22,0	55		GE-S-38-R 1 1/2“-k-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
LL- und L-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Kegelig

Male Stud Couplings
LL- and L-Series
Thread: Metric - Taper



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
100	4	M 6 x 1 keg	26,0	16,0	8,0	10	10		GE-LL-04-M 6x1-k
100	4	M 8 x 1 keg	26,0	16,0	8,0	10	10		GE-LL-04-M 8x1-k
100	4	M 10 x 1 keg	26,0	16,0	8,0	11	10		GE-LL-04-M 10x1-k
100	6	M 6 x 1 keg	26,0	14,5	8,0	11	12		GE-LL-06-M 6x1-k
100	6	M 8 x 1 keg	26,0	14,5	8,0	11	12		GE-LL-06-M 8x1-k
100	6	M 10 x 1 keg	26,0	14,5	8,0	11	12		GE-LL-06-M 10x1-k
100	8	M 6 x 1 keg	28,0	16,5	8,0	12	14		GE-LL-08-M 6x1-k
100	8	M 8 x 1 keg	28,0	16,5	8,0	12	14		GE-LL-08-M 8x1-k
100	8	M 10 x 1 keg	28,0	16,5	8,0	12	14		GE-LL-08-M 10x1-k

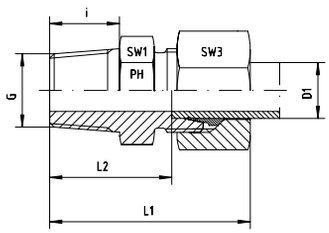
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
315	6	M 10 x 1 keg	30,5	16,0	8,0	14	14		GE-L-06-M 10x1-k
315	8	M 12 x 1,5 keg	35,0	20,0	12,0	17	17		GE-L-08-M 12x1,5-k
315	10	M 14 x 1,5 keg	36,0	21,0	12,0	17	19		GE-L-10-M 14x1,5-k
315	12	M 16 x 1,5 keg	37,0	22,0	12,0	19	22		GE-L-12-M 16x1,5-k
315	15	M 18 x 1,5 keg	40,0	23,0	12,0	24	27		GE-L-15-M 18x1,5-k
315	18	M 22 x 1,5 keg	42,0	25,5	14,0	27	32		GE-L-18-M 22x1,5-k

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Kegelig

Male Stud Couplings
L-Series
Thread: Metric - Taper



Reihe / Series L

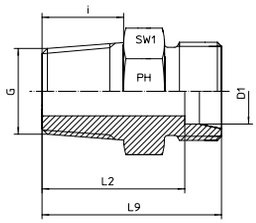
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
315	6	M 10 x 1 keg	30,5	16,0	8,0	14	14		GE-L-06-M 10x1-k-SC
315	8	M 12 x 1,5 keg	35,0	20,0	12,0	17	17		GE-L-08-M 12x1,5-k-SC
315	10	M 14 x 1,5 keg	36,0	21,0	12,0	17	19		GE-L-10-M 14x1,5-k-SC
315	12	M 16 x 1,5 keg	37,0	22,0	12,0	19	22		GE-L-12-M 16x1,5-k-SC
315	15	M 18 x 1,5 keg	40,0	23,0	12,0	24	27		GE-L-15-M 18x1,5-k-SC
315	18	M 22 x 1,5 keg	42,0	25,5	14,0	27	32		GE-L-18-M 22x1,5-k-SC

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungsstutzen
LL- und L-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Kegelig

Male Stud Coupling Bodies
LL- and L-Series
Thread: Metric - Taper



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L9**	**i**	**SW1**		
100	4	M 6 x 1 keg	16,0	20,0	8,0	10		GE-LL-04-M 6x1-k-OMD
100	4	M 8 x 1 keg	16,0	20,0	8,0	10		GE-LL-04-M 8x1-k-OMD
100	4	M 10 x 1 keg	16,0	20,0	8,0	11		GE-LL-04-M 10x1-k-OMD
100	6	M 6 x 1 keg	14,5	20,0	8,0	11		GE-LL-06-M 6x1-k-OMD
100	6	M 8 x 1 keg	14,5	20,0	8,0	11		GE-LL-06-M 8x1-k-OMD
100	6	M 10 x 1 keg	14,5	20,0	8,0	11		GE-LL-06-M 10x1-k-OMD
100	8	M 6 x 1 keg	16,5	22,0	8,0	12		GE-LL-08-M 6x1-k-OMD
100	8	M 8 x 1 keg	16,5	22,0	8,0	12		GE-LL-08-M 8x1-k-OMD
100	8	M 10 x 1 keg	16,5	22,0	8,0	12		GE-LL-08-M 10x1-k-OMD

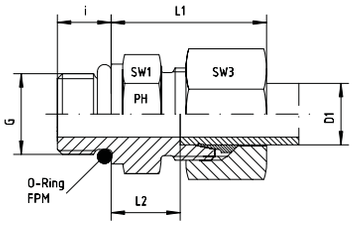
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L9**	**i**	**SW1**		
315	6	M 10 x 1 keg	16,0	22,0	8,0	14		GE-L-06-M 10x1-k-OMD
315	8	M 12 x 1,5 keg	20,0	27,0	12,0	17		GE-L-08-M 12x1,5-k-OMD
315	10	M 14 x 1,5 keg	21,0	28,0	12,0	17		GE-L-10-M 14x1,5-k-OMD
315	12	M 16 x 1,5 keg	22,0	29,0	12,0	19		GE-L-12-M 16x1,5-k-OMD
315	15	M 18 x 1,5 keg	23,0	30,0	12,0	24		GE-L-15-M 18x1,5-k-OMD
315	18	M 22 x 1,5 keg	25,5	33,0	14,0	27		GE-L-18-M 22x1,5-k-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe
Einschraubgewinde: UNF (ASA B 1.1 - 1960)
Abdichtung durch FPM Runddichtring (O-Ring) - SAE J 514
Achtung: Spezielle Gewindeaussenkung erforderlich.
Andere Sprunggrößen auf Anfrage!

Male Stud Couplings
L-Series
Thread: UNF (ASA B 1.1 - 1960)
Sealing by FPM O-ring in Thread Undercut - SAE J 514
Note: A special part shape must be machined.
Other jump sizes on request!



Reihe / Series L

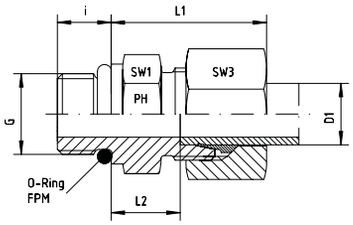
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
315	6	7/16“-20 UNF	23,5	9,0	9,2	17	14	8,92 x 1,83	GE-L-06-7/16“-UNF
315	6	1/2“-20 UNF	28,0	10,0	9,2	17	14	10,52 x 1,83	GE-L-06-1/2“-UNF
315	6	9/16“-18 UNF	27,5	10,0	10,0	19	14	11,90 x 1,98	GE-L-06-9/16“-UNF
315	8	7/16“-20 UNF	25,0	10,0	9,2	17	17	8,92 x 1,83	GE-L-08-7/16“-UNF
315	8	1/2“-20 UNF	25,0	10,0	9,2	17	17	10,52 x 1,83	GE-L-08-1/2“-UNF
315	8	9/16“-18 UNF	25,0	10,0	10,0	19	17	11,90 x 1,98	GE-L-08-9/16“-UNF
315	10	7/16“-20 UNF	26,0	11,0	9,2	17	19	8,92 x 1,83	GE-L-10-7/16“-UNF
315	10	1/2“-20 UNF	26,0	11,0	9,2	17	19	10,52 x 1,83	GE-L-10-1/2“-UNF
315	10	9/16“-18 UNF	26,0	11,0	10,0	19	19	11,90 x 1,98	GE-L-10-9/16“-UNF
315	10	3/4“-16 UNF	30,5	13,0	11,2	24	19	16,36 x 2,20	GE-L-10-3/4“-UNF
315	12	9/16“-18 UNF	26,0	12,5	10,0	19	22	11,90 x 1,98	GE-L-12-9/16“-UNF
315	12	3/4“-16 UNF	27,0	12,5	11,2	24	22	16,36 x 2,20	GE-L-12-3/4“-UNF
315	12	7/8“-14 UNF	27,5	13,5	12,7	27	22	19,18 x 2,46	GE-L-12-7/8“-UNF
315	15	9/16“-18 UNF	29,0	14,0	10,0	24	27	11,90 x 1,98	GE-L-15-9/16“-UNF
315	15	3/4“-16 UNF	29,0	14,0	11,2	24	27	16,36 x 2,20	GE-L-15-3/4“-UNF
315	15	7/8“-14 UNF	29,0	14,0	12,7	27	27	19,18 x 2,46	GE-L-15-7/8“-UNF
315	18	3/4“-16 UNF	31,0	14,5	11,2	27	32	16,36 x 2,20	GE-L-18-3/4“-UNF
315	18	7/8“-14 UNF	31,0	14,5	12,7	27	32	19,18 x 2,46	GE-L-18-7/8“-UNF
315	18	1 1/16“-12 UN	31,0	14,5	15,0	32	32	23,47 x 2,95	GE-L-18-1 1/16“-UN
160	22	3/4“-16 UNF	33,0	16,5	11,2	32	36	16,36 x 2,20	GE-L-22-3/4“-UNF
160	22	7/8“-14 UNF	33,0	16,5	12,7	32	36	19,18 x 2,46	GE-L-22-7/8“-UNF
160	22	1 1/16“-12 UN	33,0	16,5	15,0	32	36	23,47 x 2,95	GE-L-22-1 1/16“-UN
160	22	1 5/16“-12 UN	33,0	16,5	15,0	41	36	29,74 x 2,95	GE-L-22-1 5/16“-UN
160	28	7/8“-14 UNF	34,0	17,5	12,7	41	41	19,18 x 2,46	GE-L-28-7/8“-UNF
160	28	1 1/16“-12 UN	34,0	17,5	15,0	41	41	23,47 x 2,95	GE-L-28-1 1/16“-UN
160	28	1 5/16“-12 UN	34,0	17,5	15,0	41	41	29,74 x 2,95	GE-L-28-1 5/16“-UN
160	28	1 5/8“-12 UN	34,0	17,5	15,0	50	41	37,46 x 3,00	GE-L-28-1 5/8“-UN
160	35	1 1/16“-12 UN	39,0	17,0	15,0	46	50	23,47 x 2,95	GE-L-35-1 1/16“-UN
160	35	1 5/16“-12 UN	39,0	17,5	15,0	46	50	29,74 x 2,95	GE-L-35-1 5/16“-UN
160	35	1 5/8“-12 UN	39,0	17,5	15,0	50	50	37,46 x 3,00	GE-L-35-1 5/8“-UN
160	42	1 5/8“-12 UN	42,0	19,0	15,0	55	60	37,46 x 3,00	GE-L-42-1 5/8“-UN
160	42	1 7/8“-12 UN	42,0	19,0	15,0	55	60	43,69 x 3,00	GE-L-42-1 7/8“-UN

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
L-Reihe
Einschraubgewinde: UNF (ASA B 1.1 - 1960)
Abdichtung durch FPM Runddichtring (O-Ring) - SAE J 514
Achtung: Spezielle Gewindeaussenkung erforderlich.
Andere Sprunggrößen auf Anfrage!

Male Stud Couplings
L-Series
Thread: UNF (ASA B 1.1 - 1960)
Sealing by FPM O-ring in Thread Undercut - SAE J 514
Note: A special part shape must be machined.
Other jump sizes on request!



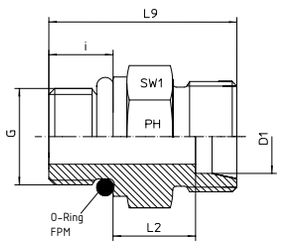
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
315	6	7/16“-20 UNF	23,5	9,0	9,2	17	14	8,92 x 1,83	GE-L-06-7/16“-UNF-SC
315	6	1/2“-20 UNF	28,0	10,0	9,2	17	14	10,52 x 1,83	GE-L-06-1/2“-UNF-SC
315	6	9/16“-18 UNF	27,5	10,0	10,0	19	14	11,90 x 1,98	GE-L-06-9/16“-UNF-SC
315	8	7/16“-20 UNF	25,0	10,0	9,2	17	17	8,92 x 1,83	GE-L-08-7/16“-UNF-SC
315	8	1/2“-20 UNF	25,0	10,0	9,2	17	17	10,52 x 1,83	GE-L-08-1/2“-UNF-SC
315	8	9/16“-18 UNF	25,0	10,0	10,0	19	17	11,90 x 1,98	GE-L-08-9/16“-UNF-SC
315	10	7/16“-20 UNF	26,0	11,0	9,2	17	19	8,92 x 1,83	GE-L-10-7/16“-UNF-SC
315	10	1/2“-20 UNF	26,0	11,0	9,2	17	19	10,52 x 1,83	GE-L-10-1/2“-UNF-SC
315	10	9/16“-18 UNF	26,0	11,0	10,0	19	19	11,90 x 1,98	GE-L-10-9/16“-UNF-SC
315	10	3/4“-16 UNF	30,5	13,0	11,2	24	19	16,36 x 2,20	GE-L-10-3/4“-UNF-SC
315	12	9/16“-18 UNF	26,0	12,5	10,0	19	22	11,90 x 1,98	GE-L-12-9/16“-UNF-SC
315	12	3/4“-16 UNF	27,0	12,5	11,2	24	22	16,36 x 2,20	GE-L-12-3/4“-UNF-SC
315	12	7/8“-14 UNF	27,5	13,5	12,7	27	22	19,18 x 2,46	GE-L-12-7/8“-UNF-SC
315	15	9/16“-18 UNF	29,0	14,0	10,0	24	27	11,90 x 1,98	GE-L-15-9/16“-UNF-SC
315	15	3/4“-16 UNF	29,0	14,0	11,2	24	27	16,36 x 2,20	GE-L-15-3/4“-UNF-SC
315	15	7/8“-14 UNF	29,0	14,0	12,7	27	27	19,18 x 2,46	GE-L-15-7/8“-UNF-SC
315	18	3/4“-16 UNF	31,0	14,5	11,2	27	32	16,36 x 2,20	GE-L-18-3/4“-UNF-SC
315	18	7/8“-14 UNF	31,0	14,5	12,7	27	32	19,18 x 2,46	GE-L-18-7/8“-UNF-SC
315	18	1 1/16“-12 UN	31,0	14,5	15,0	32	32	23,47 x 2,95	GE-L-18-1 1/16“-UN-SC
160	22	3/4“-16 UNF	33,0	16,5	11,2	32	36	16,36 x 2,20	GE-L-22-3/4“-UNF-SC
160	22	7/8“-14 UNF	33,0	16,5	12,7	32	36	19,18 x 2,46	GE-L-22-7/8“-UNF-SC
160	22	1 1/16“-12 UN	33,0	16,5	15,0	32	36	23,47 x 2,95	GE-L-22-1 1/16“-UN-SC
160	22	1 5/16“-12 UN	33,0	16,5	15,0	41	36	29,74 x 2,95	GE-L-22-1 5/16“-UN-SC
160	28	7/8“-14 UNF	34,0	17,5	12,7	41	41	19,18 x 2,46	GE-L-28-7/8“-UNF-SC
160	28	1 1/16“-12 UN	34,0	17,5	15,0	41	41	23,47 x 2,95	GE-L-28-1 1/16“-UN-SC
160	28	1 5/16“-12 UN	34,0	17,5	15,0	41	41	29,74 x 2,95	GE-L-28-1 5/16“-UN-SC
160	28	1 5/8“-12 UN	34,0	17,5	15,0	50	41	37,46 x 3,00	GE-L-28-1 5/8“-UN-SC
160	35	1 1/16“-12 UN	39,0	17,50	15,0	46	50	23,47 x 2,95	GE-L-35-1 1/16“-UN-SC
160	35	1 5/16“-12 UN	39,0	17,5	15,0	46	50	29,74 x 2,95	GE-L-35-1 5/16“-UN-SC
160	35	1 5/8“-12 UN	39,0	17,5	15,0	50	50	37,46 x 3,00	GE-L-35-1 5/8“-UN-SC
160	42	1 5/8“-12 UN	42,0	19,0	15,0	55	60	37,46 x 3,00	GE-L-42-1 5/8“-UN-SC
160	42	1 7/8“-12 UN	42,0	19,0	15,0	55	60	43,69 x 3,00	GE-L-42-1 7/8“-UN-SC

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungsstutzen
L-Reihe
Einschraubgewinde: UNF (ASA B 1.1 - 1960)
Abdichtung durch FPM Runddichtring (O-Ring) - SAE J 514
Achtung: Spezielle Gewindeaussenkung erforderlich.
Andere Sprunggrößen auf Anfrage!

Male Stud Coupling Bodies
L-Series
Thread: UNF (ASA B 1.1 - 1960)
Sealing by FPM O-ring in Thread Undercut - SAE J 514
Note: A special part shape must be machined.
Other jump sizes on request!



Reihe / Series L

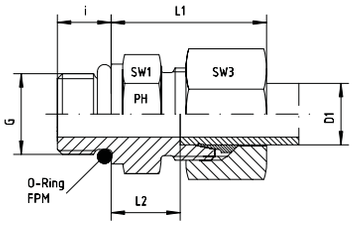
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L2	L9	i	SW1		
315	6	7/16“-20 UNF	9,0	26,0	9,2	17	8,92 x 1,83	GE-L-06-7/16“-UNF-OMD
315	6	1/2“-20 UNF	10,0	27,0	9,2	17	10,52 x 1,83	GE-L-06-1/2“-UNF-OMD
315	6	9/16“-18 UNF	10,0	27,0	10,0	19	11,90 x 1,98	GE-L-06-9/16“-UNF-OMD
315	8	7/16“-20 UNF	10,0	26,0	9,2	17	8,92 x 1,83	GE-L-08-7/16“-UNF-OMD
315	8	1/2“-20 UNF	10,0	27,0	9,2	17	10,52 x 1,83	GE-L-08-1/2“-UNF-OMD
315	8	9/16“-18 UNF	10,0	27,0	10,0	19	11,90 x 1,98	GE-L-08-9/16“-UNF-OMD
315	10	7/16“-20 UNF	11,0	27,0	9,2	17	8,92 x 1,83	GE-L-10-7/16“-UNF-OMD
315	10	1/2“-20 UNF	11,0	28,0	9,2	17	10,52 x 1,83	GE-L-10-1/2“-UNF-OMD
315	10	9/16“-18 UNF	11,0	28,0	10,0	19	11,90 x 1,98	GE-L-10-9/16“-UNF-OMD
315	10	3/4“-16 UNF	13,0	31,0	11,2	24	16,36 x 2,20	GE-L-10-3/4“-UNF-OMD
315	12	9/16“-18 UNF	12,5	30,0	10,0	19	11,90 x 1,98	GE-L-12-9/16“-UNF-OMD
315	12	3/4“-16 UNF	12,5	31,0	11,2	24	16,36 x 2,20	GE-L-12-3/4“-UNF-OMD
315	12	7/8“-14 UNF	13,5	34,0	12,7	27	19,18 x 2,46	GE-L-12-7/8“-UNF-OMD
315	15	9/16“-18 UNF	14,0	31,0	10,0	24	11,90 x 1,98	GE-L-15-9/16“-UNF-OMD
315	15	3/4“-16 UNF	14,0	32,0	11,2	24	16,36 x 2,20	GE-L-15-3/4“-UNF-OMD
315	15	7/8“-14 UNF	14,0	34,0	12,7	27	19,18 x 2,46	GE-L-15-7/8“-UNF-OMD
315	18	3/4“-16 UNF	14,5	33,0	11,2	27	16,36 x 2,20	GE-L-18-3/4“-UNF-OMD
315	18	7/8“-14 UNF	14,5	34,5	12,7	27	19,18 x 2,46	GE-L-18-7/8“-UNF-OMD
315	18	1 1/16“-12 UN	14,5	37,0	15,0	32	23,47 x 2,95	GE-L-18-1 1/16“-UN-OMD
160	22	3/4“-16 UNF	16,5	35,0	11,2	32	16,36 x 2,20	GE-L-22-3/4“-UNF-OMD
160	22	7/8“-14 UNF	16,5	37,0	12,7	32	19,18 x 2,46	GE-L-22-7/8“-UNF-OMD
160	22	1 1/16“-12 UN	16,5	39,0	15,0	32	23,47 x 2,95	GE-L-22-1 1/16“-UN-OMD
160	22	1 5/16“-12 UN	16,5	39,0	15,0	41	29,74 x 2,95	GE-L-22-1 5/16“-UN-OMD
160	28	7/8“-14 UNF	17,5	37,5	12,7	41	19,18 x 2,46	GE-L-28-7/8“-UNF-OMD
160	28	1 1/16“-12 UN	17,5	40,0	15,0	41	23,47 x 2,95	GE-L-28-1 1/16“-UN-OMD
160	28	1 5/16“-12 UN	17,5	40,0	15,0	41	29,74 x 2,95	GE-L-28-1 5/16“-UN-OMD
160	28	1 5/8“-12 UN	17,5	40,0	15,0	50	37,46 x 3,00	GE-L-28-1 5/8“-UN-OMD
160	35	1 1/16“-12 UN	17,5	42,5	15,0	46	23,47 x 2,95	GE-L-35-1 1/16“-UN-OMD
160	35	1 5/16“-12 UN	17,5	43,0	15,0	46	29,74 x 2,95	GE-L-35-1 5/16“-UN-OMD
160	35	1 5/8“-12 UN	17,5	43,0	15,0	50	37,46 x 3,00	GE-L-35-1 5/8“-UN-OMD
160	42	1 5/8“-12 UN	19,0	45,0	15,0	55	37,46 x 3,00	GE-L-42-1 5/8“-UN-OMD
160	42	1 7/8“-12 UN	19,0	45,0	15,0	55	43,69 x 3,00	GE-L-42-1 7/8“-UN-OMD

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
S-Reihe
Einschraubgewinde: UNF (ASA B 1.1 - 1960)
Abdichtung durch FPM Runddichtring (O-Ring) - SAE J 514
Achtung: Spezielle Gewindeaussenkung erforderlich.
Andere Sprunggrößen auf Anfrage!

Male Stud Couplings
S-Series
Thread: UNF (ASA B 1.1 - 1960)
Sealing by FPM O-ring in Thread Undercut - SAE J 514
Note: A special part shape must be machined.
Other jump sizes on request!



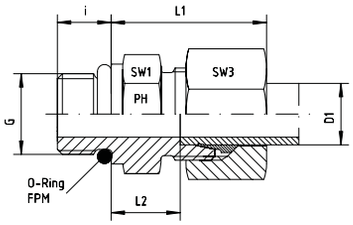
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
630	6	7/16“-20 UNF	28,0	13,0	9,2	17	17	8,92 x 1,83	GE-S-06-7/16“-UNF
630	6	9/16“-18 UNF	29,0	13,0	10,0	19	17	11,90 x 1,98	GE-S-06-9/16“-UNF
630	8	7/16“-20 UNF	30,0	15,0	9,2	17	19	8,92 x 1,83	GE-S-08-7/16“-UNF
630	8	1/2“-20 UNF	30,0	15,0	9,2	17	19	10,52 x 1,83	GE-S-08-1/2“-UNF
630	8	9/16“-18 UNF	30,0	13,0	10,0	19	19	11,90 x 1,98	GE-S-08-9/16“-UNF
630	10	7/16“-20 UNF	41,0	13,5	9,2	19	22	8,92 x 1,83	GE-S-10-7/16“-UNF
630	10	9/16“-18 UNF	31,0	15,5	10,0	19	22	11,90 x 1,98	GE-S-10-9/16“-UNF
630	10	3/4“-16 UNF	31,0	15,0	11,2	24	22	16,36 x 2,20	GE-S-10-3/4“-UNF
630	12	9/16“-18 UNF	33,5	14,5	10,0	22	24	11,90 x 1,98	GE-S-12-9/16“-UNF
630	12	3/4“-16 UNF	33,5	17,5	11,2	24	24	16,36 x 2,20	GE-S-12-3/4“-UNF
630	12	7/8“-14 UNF	32,5	14,8	12,7	27	24	19,18 x 2,46	GE-S-12-7/8“-UNF
630	14	9/16“-18 UNF	37,0	19,0	10,0	24	27	11,90 x 1,98	GE-S-14-9/16“-UNF
630	14	3/4“-16 UNF	37,0	19,0	11,2	24	27	16,36 x 2,20	GE-S-14-3/4“-UNF
400	16	9/16“-18 UNF	51,0	19,5	10,0	27	30	11,90 x 1,98	GE-S-16-9/16“-UNF
400	16	3/4“-16 UNF	37,0	18,5	11,2	27	27	16,36 x 2,20	GE-S-16-3/4“-UNF
400	16	7/8“-14 UNF	33,5	15,5	14,0	30	27	19,18 x 2,46	GE-S-16-7/8“-UNF
400	16	1 1/16“-12 UN	37,0	18,5	15,0	32	30	23,47 x 2,95	GE-S-16-1 1/16“-UN
400	20	3/4“-16 UNF	45,0	20,5	11,2	32	36	16,36 x 2,20	GE-S-20-3/4“-UNF
400	20	7/8“-14 UNF	46,5	20,5	12,7	32	36	19,18 x 2,46	GE-S-20-7/8“-UNF
400	20	1 1/16“-12 UN	45,0	20,5	15,0	32	36	23,47 x 2,95	GE-S-20-1 1/16“-UN
400	20	1 5/16“-12 UN	45,0	22,5	15,0	41	36	29,74 x 2,95	GE-S-20-1 5/16“-UN
400	25	1 1/16“-12 UN	47,0	23,0	15,0	41	46	23,47 x 2,95	GE-S-25-1 1/16“-UN
400	25	1 5/16“-12 UN	47,0	23,0	15,0	41	46	29,74 x 2,95	GE-S-25-1 5/16“-UN
400	30	1 1/16“-12 UN	50,0	23,5	15,0	46	50	23,47 x 2,95	GE-S-30-1 1/16“-UN
400	30	1 5/16“-12 UN	50,0	23,5	15,0	46	50	29,74 x 2,95	GE-S-30-1 5/16“-UN
400	30	1 5/8“-12 UN	50,0	23,5	15,0	50	50	37,46 x 3,00	GE-S-30-1 5/8“-UN
315	38	1 5/16“-12 UN	57,0	26,0	15,0	55	60	29,74 x 2,95	GE-S-38-1 5/16“-UN
315	38	1 5/8“-12 UN	57,0	26,0	15,0	55	60	37,46 x 3,00	GE-S-38-1 5/8“-UN
315	38	1 7/8“-12 UN	57,0	26,0	15,0	55	60	43,69 x 3,00	GE-S-38-1 7/8“-UN

GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN
GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungen
S-Reihe
Einschraubgewinde: UNF (ASA B 1.1 - 1960)
Abdichtung durch FPM Runddichtring (O-Ring) - SAE J 514
Achtung: Spezielle Gewindeaussenkung erforderlich.
Andere Sprunggrößen auf Anfrage!

Male Stud Couplings
S-Series
Thread: UNF (ASA B 1.1 - 1960)
Sealing by FPM O-ring in Thread Undercut - SAE J 514
Note: A special part shape must be machined.
Other jump sizes on request!



Reihe / Series S

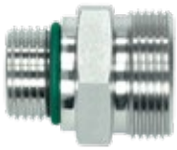
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
630	6	7/16“-20 UNF	28,0	13,0	9,2	17	17	8,92 x 1,83	GE-S-06-7/16“-UNF-SC
630	6	9/16“-18 UNF	29,0	13,0	10,0	19	17	11,90 x 1,98	GE-S-06-9/16“-UNF-SC
630	8	7/16“-20 UNF	30,0	15,0	9,2	17	19	8,92 x 1,83	GE-S-08-7/16“-UNF-SC
630	8	1/2“-20 UNF	30,0	15,0	9,2	17	19	10,52 x 1,83	GE-S-08-1/2“-UNF-SC
630	8	9/16“-18 UNF	30,0	13,0	10,0	19	19	11,90 x 1,98	GE-S-08-9/16“-UNF-SC
630	10	7/16“-20 UNF	41,0	13,5	9,2	19	22	8,92 x 1,83	GE-S-10-7/16“-UNF-SC
630	10	9/16“-18 UNF	31,0	15,5	10,0	19	22	11,90 x 1,98	GE-S-10-9/16“-UNF-SC
630	10	3/4“-16 UNF	31,0	15,0	11,2	24	22	16,36 x 2,20	GE-S-10-3/4“-UNF-SC
630	12	9/16“-18 UNF	33,5	14,5	10,0	22	24	11,90 x 1,98	GE-S-12-9/16“-UNF-SC
630	12	3/4“-16 UNF	33,5	17,5	11,2	24	24	16,36 x 2,20	GE-S-12-3/4“-UNF-SC
630	12	7/8“-14 UNF	32,5	14,8	12,7	27	24	19,18 x 2,46	GE-S-12-7/8“-UNF-SC
630	14	9/16“-18 UNF	37,0	19,0	10,0	24	27	11,90 x 1,98	GE-S-14-9/16“-UNF-SC
630	14	3/4“-16 UNF	37,0	19,0	11,2	24	27	16,36 x 2,20	GE-S-14-3/4“-UNF-SC
400	16	9/16“-18 UNF	51,0	19,5	10,0	27	30	11,90 x 1,98	GE-S-16-9/16“-UNF-SC
400	16	3/4“-16 UNF	37,0	18,5	11,2	27	27	16,36 x 2,20	GE-S-16-3/4“-UNF-SC
400	16	7/8“-14 UNF	33,5	15,5	14,0	30	27	19,18 x 2,46	GE-S-16-7/8“-UNF-SC
400	16	1 1/16“-12 UN	37,0	18,5	15,0	32	30	23,47 x 2,95	GE-S-16-1 1/16“-UN-SC
400	20	3/4“-16 UNF	45,0	20,5	11,2	32	36	16,36 x 2,20	GE-S-20-3/4“-UNF-SC
400	20	7/8“-14 UNF	46,5	20,5	12,7	32	36	19,18 x 2,46	GE-S-20-7/8“-UNF-SC
400	20	1 1/16“-12 UN	45,0	20,5	15,0	32	36	23,47 x 2,95	GE-S-20-1 1/16“-UN-SC
400	20	1 5/16“-12 UN	45,0	22,5	15,0	41	36	29,74 x 2,95	GE-S-20-1 5/16“-UN-SC
400	25	1 1/16“-12 UN	47,0	23,0	15,0	41	46	23,47 x 2,95	GE-S-25-1 1/16“-UN-SC
400	25	1 5/16“-12 UN	47,0	23,0	15,0	41	46	29,74 x 2,95	GE-S-25-1 5/16“-UN-SC
400	30	1 1/16“-12 UN	50,0	23,5	15,0	46	50	23,47 x 2,95	GE-S-30-1 1/16“-UN-SC
400	30	1 5/16“-12 UN	50,0	23,5	15,0	46	50	29,74 x 2,95	GE-S-30-1 5/16“-UN-SC
400	30	1 5/8“-12 UN	50,0	23,5	15,0	50	50	37,46 x 3,00	GE-S-30-1 5/8“-UN-SC
315	38	1 5/16“-12 UN	57,0	26,0	15,0	55	60	29,74 x 2,95	GE-S-38-1 5/16“-UN-SC
315	38	1 5/8“-12 UN	57,0	26,0	15,0	55	60	37,46 x 3,00	GE-S-38-1 5/8“-UN-SC
315	38	1 7/8“-12 UN	57,0	26,0	15,0	55	60	43,69 x 3,00	GE-S-38-1 7/8“-UN-SC

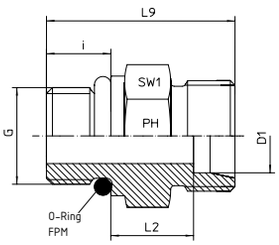
GE - GERADE - EINSCHRAUB - VERSCHRAUBUNGEN

GE - MALE - STUD - COUPLINGS

Gerade Einschraubverschraubungsstutzen
S-Reihe
Einschraubgewinde: UNF (ASA B 1.1 - 1960)
Abdichtung durch FPM Runddichtring (O-Ring) - SAE J 514
Achtung: Spezielle Gewindeaussenkung erforderlich.
Andere Sprunggrößen auf Anfrage!

Male Stud Coupling Bodies
S-Series
Thread: UNF (ASA B 1.1 - 1960)
Sealing by FPM O-ring in Thread Undercut - SAE J 514
Note: A special part shape must be machined.
Other jump sizes on request!





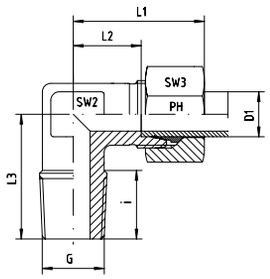
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L2	L9	i	SW1		
630	6	7/16“-20 UNF	13,0	29,0	9,2	17	8,92 x 1,83	GE-S-06-7/16“-UNF-OMD
630	6	9/16“-18 UNF	13,0	30,0	10,0	19	11,90 x 1,98	GE-S-06-9/16“-UNF-OMD
630	8	7/16“-20 UNF	15,0	30,0	9,2	17	8,92 x 1,83	GE-S-08-7/16“-UNF-OMD
630	8	1/2“-20 UNF	15,0	31,0	9,2	17	10,52 x 1,83	GE-S-08-1/2“-UNF-OMD
630	8	9/16“-18 UNF	13,0	30,0	10,0	19	11,90 x 1,98	GE-S-08-9/16“-UNF-OMD
630	10	7/16“-20 UNF	13,5	30,0	9,0	19	8,92 x 1,83	GE-S-10-7/16“-UNF-OMD
630	10	9/16“-18 UNF	15,5	33,0	10,0	19	11,90 x 1,98	GE-S-10-9/16“-UNF-OMD
630	10	3/4“-16 UNF	15,0	34,0	11,2	24	16,36 x 2,20	GE-S-10-3/4“-UNF-OMD
630	12	9/16“-18 UNF	14,5	32,0	10,0	22	11,90 x 1,98	GE-S-12-9/16“-UNF-OMD
630	12	3/4“-16 UNF	17,5	36,0	11,2	24	16,36 x 2,20	GE-S-12-3/4“-UNF-OMD
630	12	7/8“-14 UNF	14,8	35,0	12,7	27	19,18 x 2,46	GE-S-12-7/8“-UNF-OMD
630	14	9/16“-18 UNF	19,0	37,0	10,0	24	11,90 x 1,98	GE-S-14-9/16“-UNF-OMD
630	14	3/4“-16 UNF	19,0	38,0	11,2	24	16,36 x 2,20	GE-S-14-3/4“-UNF-OMD
400	16	9/16“-18 UNF	19,5	38,0	10,0	27	11,90 x 1,98	GE-S-16-9/16“-UNF-OMD
400	16	3/4“-16 UNF	18,5	38,0	11,2	27	16,36 x 2,20	GE-S-16-3/4“-UNF-OMD
400	16	7/8“-14 UNF	15,5	38,0	14,0	27	19,18 x 2,46	GE-S-16-7/8“-UNF-OMD
400	16	1 1/16“-12 UN	18,5	42,0	15,0	32	23,47 x 2,95	GE-S-16-1 1/16“-UN-OMD
400	20	3/4“-16 UNF	20,5	42,0	11,2	32	16,36 x 2,20	GE-S-20-3/4“-UNF-OMD
400	20	7/8“-14 UNF	20,5	45,0	12,7	32	19,18 x 2,46	GE-S-20-7/8“-UNF-OMD
400	20	1 1/16“-12 UN	20,5	46,0	15,0	32	23,47 x 2,95	GE-S-20-1 1/16“-UN-OMD
400	20	1 5/16“-12 UN	22,5	48,0	15,0	41	29,74 x 2,95	GE-S-20-1 5/16“-UN-OMD
400	25	1 1/16“-12 UN	23,0	50,0	15,0	41	23,47 x 2,95	GE-S-25-1 1/16“-UN-OMD
400	25	1 5/16“-12 UN	23,0	50,0	15,0	41	29,74 x 2,95	GE-S-25-1 5/16“-UN-OMD
400	30	1 1/16“-12 UN	23,5	52,0	15,0	46	23,47 x 2,95	GE-S-30-1 1/16“-UN-OMD
400	30	1 5/16“-12 UN	23,5	52,0	15,0	46	29,74 x 2,95	GE-S-30-1 5/16“-UN-OMD
400	30	1 5/8“-12 UN	23,5	52,0	15,0	50	37,46 x 3,00	GE-S-30-1 5/8“-UN-OMD
315	38	1 5/16“-12 UN	26,0	56,5	15,0	55	29,74 x 2,95	GE-S-38-1 5/16“-UN-OMD
315	38	1 5/8“-12 UN	26,0	57,0	15,0	55	37,46 x 3,00	GE-S-38-1 5/8“-UN-OMD
315	38	1 7/8“-12 UN	26,0	57,0	15,0	55	43,69 x 3,00	GE-S-38-1 7/8“-UN-OMD

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN
WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungen
LL- und L-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig

Stud Elbows
LL- and L-Series
Thread: BSP - Taper



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
100	4	R 1/8" keg	21,0	11,0	17,0	8,0	9	10	WE-LL-04-R 1/8"-k
100	6	R 1/8" keg	21,0	9,5	17,0	8,0	9	12	WE-LL-06-R 1/8"-k
100	8	R 1/8" keg	23,0	11,5	20,0	8,0	12	14	WE-LL-08-R 1/8"-k

Reihe / Series L

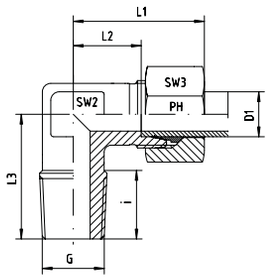
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
315	6	R 1/8" keg	27,0	12,0	20,0	8,0	12	14	WE-L-06-R 1/8"-k
315	6	R 1/4" keg	27,0	12,0	26,0	12,0	12	14	WE-L-06-R 1/4"-k
315	6	R 3/8" keg	30,0	15,0	27,0	12,0	14	14	WE-L-06-R 3/8"-k
315	6	R 1/2" keg	30,5	15,5	30,0	14,0	17	14	WE-L-06-R 1/2"-k
315	8	R 1/8" keg	29,0	14,0	26,0	8,0	12	17	WE-L-08-R 1/8"-k
315	8	R 1/4" keg	29,0	14,0	26,0	12,0	12	17	WE-L-08-R 1/4"-k
315	8	R 3/8" keg	32,0	15,0	28,0	12,0	14	17	WE-L-08-R 3/8"-k
315	8	R 1/2" keg	34,5	19,5	30,0	14,0	17	17	WE-L-08-R 1/2"-k
315	10	R 1/8" keg	31,5	15,0	27,0	8,0	14	19	WE-L-10-R 1/8"-k
315	10	R 1/4" keg	30,0	15,0	27,0	12,0	14	19	WE-L-10-R 1/4"-k
315	10	R 3/8" keg	30,0	15,0	28,0	12,0	14	19	WE-L-10-R 3/8"-k
315	10	R 1/2" keg	37,0	21,0	33,0	14,0	17	19	WE-L-10-R 1/2"-k
315	12	R 1/8" keg	32,0	17,5	27,0	8,0	17	22	WE-L-12-R 1/8"-k
315	12	R 1/4" keg	32,0	17,5	27,0	12,0	17	22	WE-L-12-R 1/4"-k
315	12	R 3/8" keg	32,0	17,5	28,0	12,0	17	22	WE-L-12-R 3/8"-k
315	12	R 1/2" keg	32,0	17,5	32,5	14,0	17	22	WE-L-12-R 1/2"-k
315	15	R 1/4" keg	36,0	21,0	32,0	12,0	19	27	WE-L-15-R 1/4"-k
315	15	R 3/8" keg	36,0	21,0	32,5	12,0	19	27	WE-L-15-R 3/8"-k
315	15	R 1/2" keg	36,0	21,0	34,0	14,0	19	27	WE-L-15-R 1/2"-k
160	15	R 3/4" keg	36,0	21,0	42,0	16,0	24	27	WE-L-15-R 3/4"-k
315	18	R 3/8" keg	40,0	23,5	36,5	12,0	24	32	WE-L-18-R 3/8"-k
315	18	R 1/2" keg	40,0	23,5	36,0	14,0	24	32	WE-L-18-R 1/2"-k
160	18	R 3/4" keg	38,5	22,0	41,0	16,0	24	32	WE-L-18-R 3/4"-k
160	22	R 1/2" keg	44,0	27,5	41,0	14,0	27	36	WE-L-22-R 1/2"-k
160	22	R 3/4" keg	44,0	27,5	41,0	16,0	27	36	WE-L-22-R 3/4"-k
160	28	R 1" keg	51,5	30,5	47,0	20,0	36	41	WE-L-28-R 1"-k
160	35	R 1 1/4" keg	59,5	33,0	56,0	26,0	41	50	WE-L-35-R 1 1/4"-k

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN

WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungen
L-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig

Stud Elbows
L-Series
Thread: BSP - Taper



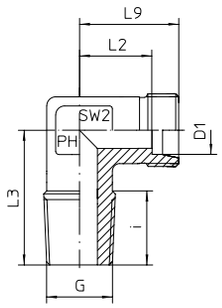
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
315	6	R 1/8“ keg	27,0	12,0	20,0	8,0	12	14	WE-L-06-R 1/8“-k-SC
315	6	R 1/4“ keg	27,0	12,0	26,0	12,0	12	14	WE-L-06-R 1/4“-k-SC
315	6	R 3/8“ keg	30,0	15,0	27,0	12,0	14	14	WE-L-06-R 3/8“-k-SC
315	6	R 1/2“ keg	30,5	15,5	30,0	14,0	17	14	WE-L-06-R 1/2“-k-SC
315	8	R 1/8“ keg	29,0	14,0	26,0	8,0	12	17	WE-L-08-R 1/8“-k-SC
315	8	R 1/4“ keg	29,0	14,0	26,0	12,0	12	17	WE-L-08-R 1/4“-k-SC
315	8	R 3/8“ keg	32,0	15,0	28,0	12,0	14	17	WE-L-08-R 3/8“-k-SC
315	8	R 1/2“ keg	34,5	19,5	30,0	14,0	17	17	WE-L-08-R 1/2“-k-SC
315	10	R 1/8“ keg	31,5	15,0	27,0	8,0	14	19	WE-L-10-R 1/8“-k-SC
315	10	R 1/4“ keg	30,0	15,0	27,0	12,0	14	19	WE-L-10-R 1/4“-k-SC
315	10	R 3/8“ keg	30,0	15,0	28,0	12,0	14	19	WE-L-10-R 3/8“-k-SC
315	10	R 1/2“ keg	37,0	21,0	33,0	14,0	17	19	WE-L-10-R 1/2“-k-SC
315	12	R 1/8“ keg	32,0	17,5	27,0	8,0	17	22	WE-L-12-R 1/8“-k-SC
315	12	R 1/4“ keg	32,0	17,5	27,0	12,0	17	22	WE-L-12-R 1/4“-k-SC
315	12	R 3/8“ keg	32,0	17,5	28,0	12,0	17	22	WE-L-12-R 3/8“-k-SC
315	12	R 1/2“ keg	32,0	17,5	32,5	14,0	17	22	WE-L-12-R 1/2“-k-SC
315	15	R 1/4“ keg	36,0	21,0	32,0	12,0	19	27	WE-L-15-R 1/4“-k-SC
315	15	R 3/8“ keg	36,0	21,0	32,5	12,0	19	27	WE-L-15-R 3/8“-k-SC
315	15	R 1/2“ keg	36,0	21,0	34,0	14,0	19	27	WE-L-15-R 1/2“-k-SC
160	15	R 3/4“ keg	36,0	21,0	42,0	16,0	24	27	WE-L-15-R 3/4“-k-SC
315	18	R 3/8“ keg	40,0	23,5	36,5	12,0	24	32	WE-L-18-R 3/8“-k-SC
315	18	R 1/2“ keg	40,0	23,5	36,0	14,0	24	32	WE-L-18-R 1/2“-k-SC
160	18	R 3/4“ keg	38,5	22,0	41,0	16,0	24	32	WE-L-18-R 3/4“-k-SC
160	22	R 1/2“ keg	44,0	27,5	41,0	14,0	27	36	WE-L-22-R 1/2“-k-SC
160	22	R 3/4“ keg	44,0	27,5	41,0	16,0	27	36	WE-L-22-R 3/4“-k-SC
160	28	R 1“ keg	51,5	30,5	47,0	20,0	36	41	WE-L-28-R 1“-k-SC
160	35	R 1 1/4“ keg	59,5	33,0	56,0	26,0	41	50	WE-L-35-R 1 1/4“-k-SC

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN
WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungsstutzen
LL- und L-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig

Stud Elbow Bodies
LL- and L-Series
Thread: BSP - Taper



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L2	L3	L9	i	SW2	
100	4	R 1/8" keg	11,0	17,0	15,0	8,0	9	WE-LL-04-R 1/8"-k-OMD
100	6	R 1/8" keg	9,5	17,0	15,0	8,0	9	WE-LL-06-R 1/8"-k-OMD
100	8	R 1/8" keg	11,5	20,0	17,0	8,0	12	WE-LL-08-R 1/8"-k-OMD

Reihe / Series L

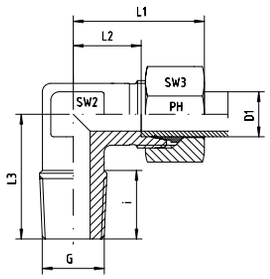
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L2	L3	L9	i	SW2	
315	6	R 1/8" keg	12,0	20,0	19,0	8,0	12	WE-L-06-R 1/8"-k-OMD
315	6	R 1/4" keg	12,0	26,0	19,0	12,0	12	WE-L-06-R 1/4"-k-OMD
315	6	R 3/8" keg	15,0	27,0	22,0	12,0	14	WE-L-06-R 3/8"-k-OMD
315	6	R 1/2" keg	15,5	30,0	26,0	14,0	17	WE-L-06-R 1/2"-k-OMD
315	8	R 1/8" keg	14,0	26,0	21,0	8,0	12	WE-L-08-R 1/8"-k-OMD
315	8	R 1/4" keg	14,0	26,0	21,0	12,0	12	WE-L-08-R 1/4"-k-OMD
315	8	R 3/8" keg	15,0	28,0	22,0	12,0	14	WE-L-08-R 3/8"-k-OMD
315	8	R 1/2" keg	19,5	30,0	26,0	14,0	17	WE-L-08-R 1/2"-k-OMD
315	10	R 1/8" keg	15,0	27,0	22,0	8,0	14	WE-L-10-R 1/8"-k-OMD
315	10	R 1/4" keg	15,0	27,0	22,0	12,0	14	WE-L-10-R 1/4"-k-OMD
315	10	R 3/8" keg	15,0	28,0	22,0	12,0	14	WE-L-10-R 3/8"-k-OMD
315	10	R 1/2" keg	21,0	33,0	28,0	14,0	17	WE-L-10-R 1/2"-k-OMD
315	12	R 1/8" keg	17,5	27,0	24,0	8,0	17	WE-L-12-R 1/8"-k-OMD
315	12	R 1/4" keg	17,5	27,0	24,0	12,0	17	WE-L-12-R 1/4"-k-OMD
315	12	R 3/8" keg	17,5	28,0	24,0	12,0	17	WE-L-12-R 3/8"-k-OMD
315	12	R 1/2" keg	17,5	34,0	27,5	14,0	17	WE-L-12-R 1/2"-k-OMD
315	15	R 1/4" keg	21,0	32,0	28,0	12,0	19	WE-L-15-R 1/4"-k-OMD
315	15	R 3/8" keg	21,0	32,5	28,0	12,0	19	WE-L-15-R 3/8"-k-OMD
315	15	R 1/2" keg	21,0	34,0	28,0	14,0	19	WE-L-15-R 1/2"-k-OMD
160	15	R 3/4" keg	21,0	42,0	28,0	16,0	24	WE-L-15-R 3/4"-k-OMD
315	18	R 3/8" keg	23,5	36,5	31,0	12,0	24	WE-L-18-R 3/8"-k-OMD
315	18	R 1/2" keg	23,5	36,0	31,0	14,0	24	WE-L-18-R 1/2"-k-OMD
160	18	R 3/4" keg	22,0	41,0	31,0	16,0	24	WE-L-18-R 3/4"-k-OMD
160	22	R 1/2" keg	27,5	41,0	35,0	14,0	27	WE-L-22-R 1/2"-k-OMD
160	22	R 3/4" keg	27,5	41,0	35,0	16,0	27	WE-L-22-R 3/4"-k-OMD
160	28	R 1" keg	30,5	47,0	38,0	20,0	36	WE-L-28-R 1"-k-OMD
160	35	R 1 1/4" keg	33,0	56,0	45,0	26,0	41	WE-L-35-R 1 1/4"-k-OMD

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN

WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungen
S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig

(1) Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.



Stud Elbows
S-Series
Thread: BSP - Taper

(1) The pressure rates are only valid, if the female parts are with tapered threads, too.

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
(1) PN	D1	G	L1	L2	L3	i	SW2	SW3	
630	6	R 1/8“ keg	29,5	15,0	25,0	8,0	12	17	WE-S-06-R 1/8“-k
630	6	R 1/4“ keg	31,0	16,5	26,0	12,0	12	17	WE-S-06-R 1/4“-k
630	6	R 3/8“ keg	32,0	17,5	27,0	12,0	14	17	WE-S-06-R 3/8“-k
630	6	R 1/2“ keg	34,0	19,0	33,0	14,0	17	17	WE-S-06-R 1/2“-k
630	8	R 1/8“ keg	32,0	17,0		8,0	14	19	WE-S-08-R 1/8“-k
630	8	R 1/4“ keg	32,0	17,0	27,0	12,0	14	19	WE-S-08-R 1/4“-k
630	8	R 3/8“ keg	33,0	18,0	28,0	12,0	14	19	WE-S-08-R 3/8“-k
630	8	R 1/2“ keg	38,0	23,0	33,0	14,0	17	19	WE-S-08-R 1/2“-k
630	10	R 1/8“ keg	34,0	17,5	28,0	8,0	17	22	WE-S-10-R 1/8“-k
630	10	R 1/4“ keg	34,0	17,5	28,0	12,0	17	22	WE-S-10-R 1/4“-k
630	10	R 3/8“ keg	34,0	17,5	28,0	12,0	17	22	WE-S-10-R 3/8“-k
630	10	R 1/2“ keg	39,0	22,5	32,0	14,0	17	22	WE-S-10-R 1/2“-k
630	12	R 1/4“ keg	38,0	21,5	27,0	12,0	17	24	WE-S-12-R 1/4“-k
630	12	R 3/8“ keg	38,0	21,5	28,0	12,0	17	24	WE-S-12-R 3/8“-k
630	12	R 1/2“ keg	39,0	22,5	32,0	14,0	17	24	WE-S-12-R 1/2“-k
630	14	R 3/8“ keg	40,0	22,0	30,0	12,0	19	27	WE-S-14-R 3/8“-k
630	14	R 1/2“ keg	40,0	22,0	32,0	14,0	19	27	WE-S-14-R 1/2“-k
400	16	R 3/8“ keg	43,0	24,5	32,0	12,0	24	30	WE-S-16-R 3/8“-k
400	16	R 1/2“ keg	43,0	24,5	32,0	14,0	24	30	WE-S-16-R 1/2“-k
160	16	R 3/4“ keg	43,0	24,5	41,0	16,0	24	30	WE-S-16-R 3/4“-k
400	20	R 1/2“ keg	48,0	26,5	42,0	19,0	27	36	WE-S-20-R 1/2“-k
400	20	R 3/4“ keg	48,0	26,5	42,0	16,0	27	36	WE-S-20-R 3/4“-k

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN

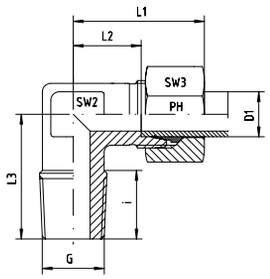
WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungen
S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig

(1) Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.

Stud Elbows
S-Series
Thread: BSP - Taper

(1) The pressure rates are only valid, if the female parts are with tapered threads, too.



Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
(1) PN	D1	G	L1	L2	L3	i	SW2	SW3	
630	6	R 1/8“ keg	29,5	15,0	25,0	8,0	12	17	WE-S-06-R 1/8“-k-SC
630	6	R 1/4“ keg	31,0	16,5	26,0	12,0	12	17	WE-S-06-R 1/4“-k-SC
630	6	R 3/8“ keg	32,0	17,5	27,0	12,0	14	17	WE-S-06-R 3/8“-k-SC
630	6	R 1/2“ keg	34,0	19,0	33,0	14,0	17	17	WE-S-06-R 1/2“-k-SC
630	8	R 1/8“ keg	32,0	17,0		8,0	14	19	WE-S-08-R 1/8“-k-SC
630	8	R 1/4“ keg	32,0	17,0	27,0	12,0	14	19	WE-S-08-R 1/4“-k-SC
630	8	R 3/8“ keg	33,0	18,0	28,0	12,0	14	19	WE-S-08-R 3/8“-k-SC
630	8	R 1/2“ keg	38,0	23,0	33,0	14,0	17	19	WE-S-08-R 1/2“-k-SC
630	10	R 1/8“ keg	34,0	17,5	28,0	8,0	17	22	WE-S-10-R 1/8“-k-SC
630	10	R 1/4“ keg	34,0	17,5	28,0	12,0	17	22	WE-S-10-R 1/4“-k-SC
630	10	R 3/8“ keg	34,0	17,5	28,0	12,0	17	22	WE-S-10-R 3/8“-k-SC
630	10	R 1/2“ keg	39,0	22,5	32,0	14,0	17	22	WE-S-10-R 1/2“-k-SC
630	12	R 1/4“ keg	38,0	21,5	27,0	12,0	17	24	WE-S-12-R 1/4“-k-SC
630	12	R 3/8“ keg	38,0	21,5	28,0	12,0	17	24	WE-S-12-R 3/8“-k-SC
630	12	R 1/2“ keg	39,0	22,5	32,0	14,0	17	24	WE-S-12-R 1/2“-k-SC
630	14	R 3/8“ keg	40,0	22,0	30,0	12,0	19	27	WE-S-14-R 3/8“-k-SC
630	14	R 1/2“ keg	40,0	22,0	32,0	14,0	19	27	WE-S-14-R 1/2“-k-SC
400	16	R 3/8“ keg	43,0	24,5	32,0	12,0	24	30	WE-S-16-R 3/8“-k-SC
400	16	R 1/2“ keg	43,0	24,5	32,0	14,0	24	30	WE-S-16-R 1/2“-k-SC
160	16	R 3/4“ keg	43,0	24,5	41,0	16,0	24	30	WE-S-16-R 3/4“-k-SC
400	20	R 1/2“ keg	48,0	26,5	42,0	19,0	27	36	WE-S-20-R 1/2“-k-SC
400	20	R 3/4“ keg	48,0	26,5	42,0	16,0	27	36	WE-S-20-R 3/4“-k-SC

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN

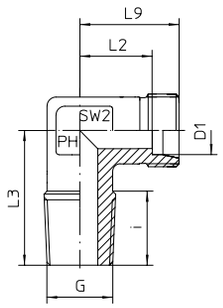
WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungsstutzen
S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig

(1) Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.

Stud Elbow Bodies
S-Series
Thread: BSP - Taper

(1) The pressure rates are only valid, if the female parts are with tapered threads, too.



Reihe / Series S

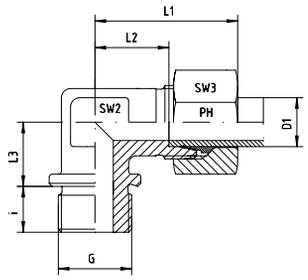
Druck Pressure	**Rohr A.D.** Tube O.D.	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions					**Bemerkungen** Notes	**Bestellzeichen** Order-Code
(1) PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**		
630	6	R 1/8“ keg	15,0	25,0	23,0	8,0	12		WE-S-06-R 1/8“-k-OMD
630	6	R 1/4“ keg	16,5	26,0	23,0	12,0	12		WE-S-06-R 1/4“-k-OMD
630	6	R 3/8“ keg	17,5	27,0		12,0	14		WE-S-06-R 3/8“-k-OMD
630	6	R 1/2“ keg	19,0	33,0		14,0	17		WE-S-06-R 1/2“-k-OMD
630	8	R 1/8“ keg	17,0			8,0	14		WE-S-08-R 1/8“-k-OMD
630	8	R 1/4“ keg	17,0	27,0	24,0	12,0	14		WE-S-08-R 1/4“-k-OMD
630	8	R 3/8“ keg	18,0	28,0	24,0	12,0	14		WE-S-08-R 3/8“-k-OMD
630	8	R 1/2“ keg	23,0	33,0	28,0	14,0	17		WE-S-08-R 1/2“-k-OMD
630	10	R 1/8“ keg	17,5	28,0	25,0	8,0	17		WE-S-10-R 1/8“-k-OMD
630	10	R 1/4“ keg	17,5	28,0	25,0	12,0	17		WE-S-10-R 1/4“-k-OMD
630	10	R 3/8“ keg	17,5	28,0	25,0	12,0	17		WE-S-10-R 3/8“-k-OMD
630	10	R 1/2“ keg	22,5	32,0	30,0	14,0	17		WE-S-10-R 1/2“-k-OMD
630	12	R 1/4“ keg	21,5	27,0	29,0	12,0	17		WE-S-12-R 1/4“-k-OMD
630	12	R 3/8“ keg	21,5	28,0	29,0	12,0	17		WE-S-12-R 3/8“-k-OMD
630	12	R 1/2“ keg	22,5	32,0	29,0	14,0	17		WE-S-12-R 1/2“-k-OMD
630	14	R 3/8“ keg	22,0	30,0	30,0	12,0	19		WE-S-14-R 3/8“-k-OMD
630	14	R 1/2“ keg	22,0	32,0	30,0	14,0	19		WE-S-14-R 1/2“-k-OMD
400	16	R 3/8“ keg	24,5	32,0	33,0	12,0	24		WE-S-16-R 3/8“-k-OMD
400	16	R 1/2“ keg	24,5	32,0	33,0	14,0	24		WE-S-16-R 1/2“-k-OMD
160	16	R 3/4“ keg	24,5	41,0	33,0	16,0	24		WE-S-16-R 3/4“-k-OMD
400	20	R 1/2“ keg	26,5	42,0	37,0	19,0	27		WE-S-20-R 1/2“-k-OMD
400	20	R 3/4“ keg	26,5	42,0	37,0	16,0	27		WE-S-20-R 3/4“-k-OMD

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN

WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkannte Form B

Stud Elbows
L- and S-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
160	22	G 3/4“ zyl	44,0	27,5	26,0	16,0	27	36	WE-L-22-G 3/4“-z
160	28	G 1“ zyl	47,0	30,5	30,0	18,0	36	41	WE-L-28-G 1“-z
160	35	G 1 1/4“ zyl	56,0	34,5	34,0	20,0	41	50	WE-L-35-G 1 1/4“-z
160	42	G 1 1/2“ zyl	63,0	40,0	39,0	22,0	50	60	WE-L-42-G 1 1/2“-z

Reihe / Series S

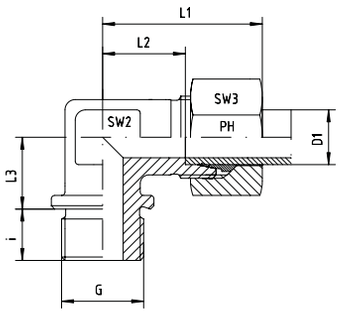
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
400	20	G 3/4“ zyl	48,0	26,5	26,0	16,0	27	36	WE-S-20-G 3/4“-z
250	25	G 1“ zyl	54,0	30,0	30,0	18,0	36	46	WE-S-25-G 1“-z
160	30	G 1 1/4“ zyl	62,0	35,5	34,0	20,0	41	50	WE-S-30-G 1 1/4“-z
160	38	G 1 1/2“ zyl	72,0	41,0	39,0	22,0	50	60	WE-S-38-G 1 1/2“-z

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN

WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkannte Form B

Stud Elbows
L- and S-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
160	22	G 3/4“ zyl	44,0	27,5	26,0	16,0	27	36	WE-L-22-G 3/4“-z-SC
160	28	G 1“ zyl	47,0	30,5	30,0	18,0	36	41	WE-L-28-G 1“-z-SC
160	35	G 1 1/4“ zyl	56,0	34,5	34,0	20,0	41	50	WE-L-35-G 1 1/4“-z-SC
160	42	G 1 1/2“ zyl	63,0	40,0	39,0	22,0	50	60	WE-L-42-G 1 1/2“-z-SC

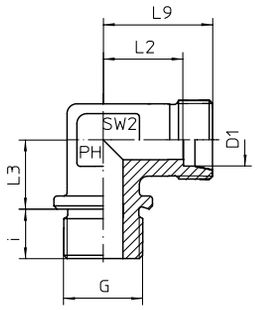
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
400	20	G 3/4“ zyl	48,0	26,5	26,0	16,0	27	36	WE-S-20-G 3/4“-z-SC
250	25	G 1“ zyl	54,0	30,0	30,0	18,0	36	46	WE-S-25-G 1“-z-SC
160	30	G 1 1/4“ zyl	62,0	35,5	34,0	20,0	41	50	WE-S-30-G 1 1/4“-z-SC
160	38	G 1 1/2“ zyl	72,0	41,0	39,0	22,0	50	60	WE-S-38-G 1 1/2“-z-SC

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN
WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungsstutzen
L- und S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkannte Form B

Stud Elbow Bodies
L- and S-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**	
160	22	G 3/4“ zyl	27,5	26,0	35,0	16,0	27	WE-L-22-G 3/4“-z-OMD
160	28	G 1“ zyl	30,5	30,0	38,0	18,0	36	WE-L-28-G 1“-z-OMD
160	35	G 1 1/4“ zyl	34,5	34,0	45,0	20,0	41	WE-L-35-G 1 1/4“-z-OMD
160	42	G 1 1/2“ zyl	40,0	39,0	51,0	22,0	50	WE-L-42-G 1 1/2“-z-OMD

Reihe / Series S

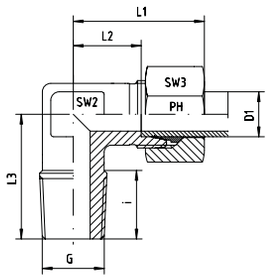
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**	
400	20	G 3/4“ zyl	26,5	26,0	35,0	16,0	27	WE-S-20-G 3/4“-z-OMD
250	25	G 1“ zyl	30,0	30,0	42,0	18,0	36	WE-S-25-G 1“-z-OMD
160	30	G 1 1/4“ zyl	35,5	34,0	49,0	20,0	41	WE-S-30-G 1 1/4“-z-OMD
160	38	G 1 1/2“ zyl	41,0	39,0	57,0	22,0	50	WE-S-38-G 1 1/2“-z-OMD

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN

WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungen
LL-, L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Kegelig

** Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.



Stud Elbows
LL-, L- and S-Series
Thread: Metric - Taper

** The pressure rates are only valid, if the female parts are with tapered threads, too.

Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
100	4	M 6 x 1 keg	21,0	11,0	17,0	8,0	9	10	WE-LL-04-M 6x1-k
100	4	M 8 x 1 keg	21,0	11,0	17,0	8,0	9	10	WE-LL-04-M 8x1-k
100	4	M 10 x 1 keg	21,0	11,0	17,0	8,0	9	10	WE-LL-04-M 10x1-k
100	6	M 6 x 1 keg	23,0	10,0	17,0	8,0	9	12	WE-LL-06-M 6x1-k
100	6	M 8 x 1 keg	23,0	10,0	17,0	8,0	9	12	WE-LL-06-M 8x1-k
100	6	M 10 x 1 keg	21,0	9,5	17,0	8,0	9	12	WE-LL-06-M 10x1-k
100	8	M 6 x 1 keg	23,0	11,5	20,0	8,0	12	14	WE-LL-08-M 6x1-k
100	8	M 8 x 1 keg	23,0	11,5	20,0	8,0	12	14	WE-LL-08-M 8x1-k
100	8	M 10 x 1 keg	23,0	11,5	20,0	8,0	12	14	WE-LL-08-M 10x1-k

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
315	6	M 10 x 1 keg	27,0	12,0	20,0	8,0	12	14	WE-L-06-M 10x1-k
315	8	M 12 x 1,5 keg	29,0	14,0	26,0	12,0	12	17	WE-L-08-M 12x1,5-k
315	10	M 12 x 1,5 keg	30,0	15,0	27,0	12,0	14	19	WE-L-10-M 12x1,5-k
315	10	M 14 x 1,5 keg	30,0	15,0	27,0	12,0	14	19	WE-L-10-M 14x1,5-k
315	10	M 16 x 1,5 keg	30,0	15,0	28,0	12,0	14	19	WE-L-10-M 16x1,5-k
315	12	M 14 x 1,5 keg	32,0	17,0	27,0	12,0	17	22	WE-L-12-M 14x1,5-k
315	12	M 16 x 1,5 keg	32,0	17,0	28,0	12,0	17	22	WE-L-12-M 16x1,5-k
315	15	M 18 x 1,5 keg	36,0	21,0	32,0	12,0	19	27	WE-L-15-M 18x1,5-k
315	18	M 22 x 1,5 keg	40,0	23,0	36,0	14,0	24	32	WE-L-18-M 22x1,5-k

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
630 **	6	M 12 x 1,5 keg	31,0	16,0	26,0	12,0	12	17	WE-S-06-M 12x1,5-k
630 **	8	M 14 x 1,5 keg	32,0	17,0	27,0	12,0	14	19	WE-S-08-M 14x1,5-k
630 **	10	M 16 x 1,5 keg	34,0	17,5	28,0	12,0	17	22	WE-S-10-M 16x1,5-k
630 **	12	M 18 x 1,5 keg	38,0	21,5	28,0	12,0	17	24	WE-S-12-M 18x1,5-k
630 **	14	M 20 x 1,5 keg	40,0	22,0	32,0	14,0	19	27	WE-S-14-M 20x1,5-k
630 **	16	M 22 x 1,5 keg	43,0	24,5	32,0	14,0	24	30	WE-S-16-M 22x1,5-k

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN

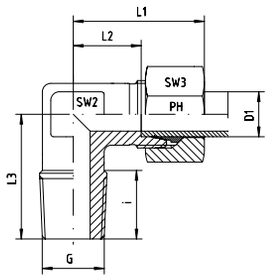
WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Kegelig

** Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.

Stud Elbows
L- and S-Series
Thread: Metric - Taper

** The pressure rates are only valid, if the female parts are with tapered threads, too.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
315	6	M 10 x 1 keg	27,0	12,0	20,0	8,0	12	14	WE-L-06-M 10x1-k-SC
315	8	M 12 x 1,5 keg	29,0	14,0	26,0	12,0	12	17	WE-L-08-M 12x1,5-k-SC
315	10	M 12 x 1,5 keg	30,0	15,0	27,0	12,0	14	19	WE-L-10-M 12x1,5-k-SC
315	10	M 14 x 1,5 keg	30,0	15,0	27,0	12,0	14	19	WE-L-10-M 14x1,5-k-SC
315	10	M 16 x 1,5 keg	30,0	15,0	28,0	12,0	14	19	WE-L-10-M 16x1,5-k-SC
315	12	M 14 x 1,5 keg	32,0	17,0	27,0	12,0	17	22	WE-L-12-M 14x1,5-k-SC
315	12	M 16 x 1,5 keg	32,0	17,0	28,0	12,0	17	22	WE-L-12-M 16x1,5-k-SC
315	15	M 18 x 1,5 keg	36,0	21,0	32,0	12,0	19	27	WE-L-15-M 18x1,5-k-SC
315	18	M 22 x 1,5 keg	40,0	23,0	36,0	14,0	24	32	WE-L-18-M 22x1,5-k-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
630 **	6	M 12 x 1,5 keg	31,0	16,0	26,0	12,0	12	17	WE-S-06-M 12x1,5-k-SC
630 **	8	M 14 x 1,5 keg	32,0	17,0	27,0	12,0	14	19	WE-S-08-M 14x1,5-k-SC
630 **	10	M 16 x 1,5 keg	34,0	17,5	28,0	12,0	17	22	WE-S-10-M 16x1,5-k-SC
630 **	12	M 18 x 1,5 keg	38,0	21,5	28,0	12,0	17	24	WE-S-12-M 18x1,5-k-SC
630 **	14	M 20 x 1,5 keg	40,0	22,0	32,0	14,0	19	27	WE-S-14-M 20x1,5-k-SC
630 **	16	M 22 x 1,5 keg	43,0	24,5	32,0	14,0	24	30	WE-S-16-M 22x1,5-k-SC

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN

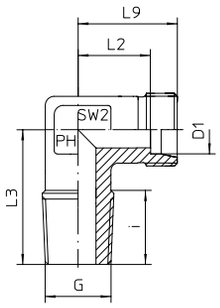
WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungsstutzen
LL-, L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Kegelig

** Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.

Stud Elbow Bodies
LL-, L- and S-Series
Thread: Metric - Taper

** The pressure rates are only valid, if the female parts are with tapered threads, too.



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**		
100	4	M 6 x 1 keg	11,0	17,0	15,0	8,0	9		WE-LL-04-M 6x1-k-OMD
100	4	M 8 x 1 keg	11,0	17,0	15,0	8,0	9		WE-LL-04-M 8x1-k-OMD
100	4	M 10 x 1 keg	11,0	17,0	15,0	8,0	9		WE-LL-04-M 10x1-k-OMD
100	6	M 6 x 1 keg	10,0	17,0	15,0	8,0	9		WE-LL-06-M 6x1-k-OMD
100	6	M 8 x 1 keg	10,0	17,0	15,0	8,0	9		WE-LL-06-M 8x1-k-OMD
100	6	M 10 x 1 keg	9,5	17,0	15,0	8,0	9		WE-LL-06-M 10x1-k-OMD
100	8	M 6 x 1 keg	11,5	20,0	17,0	8,0	12		WE-LL-08-M 6x1-k-OMD
100	8	M 8 x 1 keg	11,5	20,0	17,0	8,0	12		WE-LL-08-M 8x1-k-OMD
100	8	M 10 x 1 keg	11,5	20,0	17,0	8,0	12		WE-LL-08-M 10x1-k-OMD

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**		
315	6	M 10 x 1 keg	12,0	20,0	19,0	8,0	12		WE-L-06-M 10x1-k-OMD
315	8	M 12 x 1,5 keg	14,0	26,0	21,0	12,0	12		WE-L-08-M 12x1,5-k-OMD
315	10	M 12 x 1,5 keg	15,0	27,0		12,0	14		WE-L-10-M 12x1,5-k-OMD
315	10	M 14 x 1,5 keg	14,0	27,0	22,0	12,0	14		WE-L-10-M 14x1,5-k-OMD
315	10	M 16 x 1,5 keg	14,0	28,0	22,0	12,0	14		WE-L-10-M 16x1,5-k-OMD
315	12	M 14 x 1,5 keg	17,0	27,0	24,0	12,0	17		WE-L-12-M 14x1,5-k-OMD
315	12	M 16 x 1,5 keg	17,0	28,0	24,0	12,0	17		WE-L-12-M 16x1,5-k-OMD
315	15	M 18 x 1,5 keg	21,0	32,0	28,0	12,0	19		WE-L-15-M 18x1,5-k-OMD
315	18	M 22 x 1,5 keg	23,0	36,0	31,0	14,0	24		WE-L-18-M 22x1,5-k-OMD

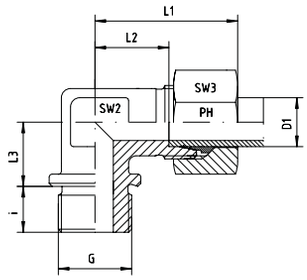
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**		
630 **	6	M 12 x 1,5 keg	16,0	26,0	23,0	12,0	12		WE-S-06-M 12x1,5-k-OMD
630 **	8	M 14 x 1,5 keg	17,0	27,0	24,0	12,0	14		WE-S-08-M 14x1,5-k-OMD
630 **	10	M 16 x 1,5 keg	17,5	28,0	25,0	12,0	17		WE-S-10-M 16x1,5-k-OMD
630 **	12	M 18 x 1,5 keg	21,5	28,0	29,0	12,0	17		WE-S-12-M 18x1,5-k-OMD
630 **	14	M 20 x 1,5 keg	22,0	32,0	30,0	14,0	19		WE-S-14-M 20x1,5-k-OMD
630 **	16	M 22 x 1,5 keg	24,5	32,0	32,0	14,0	24		WE-S-16-M 22x1,5-k-OMD

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN
WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Stud Elbows
L- and S-Series
Thread: Metric - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
160	22	M 26 x 1,5 zyl	44,0	27,5	26,0	16	27	36	WE-L-22-M 26x1,5-z
160	28	M 33 x 2 zyl	47,0	30,5	30,0	18	36	41	WE-L-28-M 33x2-z
160	35	M 42 x 2 zyl	56,0	34,5	34,0	20	41	50	WE-L-35-M 42x2-z
160	42	M 48 x 2 zyl	63,0	40,0	39,0	22	50	60	WE-L-42-M 48x2-z

Reihe / Series S

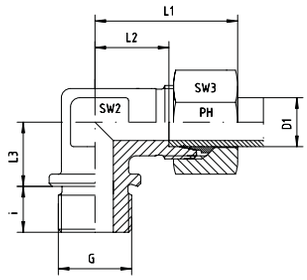
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
400	20	M 27 x 2 zyl	48,0	26,5	26,0	16,0	27	36	WE-S-20-M 27x2-z
250	25	M 33 x 2 zyl	54,0	30,0	30,0	18,0	36	46	WE-S-25-M 33x2-z
160	30	M 42 x 2 zyl	62,0	35,5	34,0	20,0	41	50	WE-S-30-M 42x2-z
160	38	M 48 x 2 zyl	72,0	41,0	39,0	22,0	50	60	WE-S-38-M 48x2-z

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN

WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Stud Elbows
L- and S-Series
Thread: Metric - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
160	22	M 26 x 1,5 zyl	44,0	27,5	26,0	16,0	27	36	WE-L-22-M 26x1,5-z-SC
160	28	M 33 x 2 zyl	47,0	30,5	30,0	18,0	36	41	WE-L-28-M 33x2-z-SC
160	35	M 42 x 2 zyl	56,0	34,5	34,0	20,0	41	50	WE-L-35-M 42x2-z-SC
160	42	M 48 x 2 zyl	63,0	40,0	39,0	22,0	50	60	WE-L-42-M 48x2-z-SC

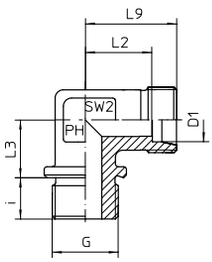
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
400	20	M 27 x 2 zyl	48,0	26,5	26,0	16,0	27	36	WE-S-20-M 27x2-z-SC
250	25	M 33 x 2 zyl	54,0	30,0	30,0	18,0	36	46	WE-S-25-M 33x2-z-SC
160	30	M 42 x 2 zyl	62,0	35,5	34,0	20,0	41	50	WE-S-30-M 42x2-z-SC
160	38	M 48 x 2 zyl	72,0	41,0	39,0	22,0	50	60	WE-S-38-M 48x2-z-SC

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN
WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungsstutzen
L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Stud Elbow Bodies
L- and S-Series
Thread: Metric - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**	
160	22	M 26 x 1,5 zyl	27,5	26,0	35,0	16,0	27	WE-L-22-M 26x1,5-z-OMD
160	28	M 33 x 2 zyl	30,5	30,0	38,0	18,0	36	WE-L-28-M 33x2-z-OMD
160	35	M 42 x 2 zyl	34,5	34,0	45,0	20,0	41	WE-L-35-M 42x2-z-OMD
160	42	M 48 x 2 zyl	40,0	39,0		22,0	50	WE-L-42-M 48x2-z-OMD

Reihe / Series S

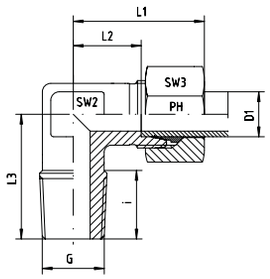
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**	
400	20	M 27 x 2 zyl	26,5	26,0	35,0	16,0	27	WE-S-20-M 27x2-z-OMD
250	25	M 33 x 2 zyl	30,0	30,0	42,0	18,0	36	WE-S-25-M 33x2-z-OMD
160	30	M 42 x 2 zyl	35,5	34,0	49,0	20,0	41	WE-S-30-M 42x2-z-OMD
160	38	M 48 x 2 zyl	41,0	39,0		22,0	50	WE-S-38-M 48x2-z-OMD

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN

WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungen
LL- und L-Reihe
Einschraubgewinde: NPT

Stud Elbows
LL- and L-Series
Thread: NPT



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
100	4	1/8“ NPT	21,0	11,0	17,0	10,0	9	10	WE-LL-04-1/8“-NPT
100	6	1/8“ NPT	21,0	9,5	17,0	10,0	9	12	WE-LL-06-1/8“-NPT
100	8	1/8“ NPT	23,0	11,5	20,0	10,0	12	14	WE-LL-08-1/8“-NPT

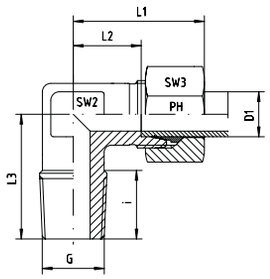
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
315	6	1/8“ NPT	27,0	12,0	20,0	10,0	12	14	WE-L-06-1/8“-NPT
315	6	1/4“ NPT	29,0	14,0	26,0	15,0	12	14	WE-L-06-1/4“-NPT
315	6	3/8“ NPT	33,0	18,0	28,0	15,3	14	14	WE-L-06-3/8“-NPT
315	6	1/2“ NPT	30,5	15,5	30,0	20,0	17	14	WE-L-06-1/2“-NPT
315	8	1/8“ NPT	29,0	14,0	26,0	10,0	12	17	WE-L-08-1/8“-NPT
315	8	1/4“ NPT	29,0	14,0	26,0	15,0	12	17	WE-L-08-1/4“-NPT
315	8	3/8“ NPT	29,0	14,0	26,0	15,3	14	17	WE-L-08-3/8“-NPT
315	8	1/2“ NPT	34,5	19,5	30,0	20,0	17	17	WE-L-08-1/2“-NPT
315	10	1/8“ NPT	30,0	15,0	27,0	10,0	14	19	WE-L-10-1/8“-NPT
315	10	1/4“ NPT	30,0	15,0	27,0	15,0	14	19	WE-L-10-1/4“-NPT
315	10	3/8“ NPT	32,0	17,0	28,0	15,3	14	19	WE-L-10-3/8“-NPT
315	10	1/2“ NPT	37,0	21,0	33,0	20,0	17	19	WE-L-10-1/2“-NPT
315	12	1/8“ NPT	32,0	17,0	28,0	10,0	17	22	WE-L-12-1/8“-NPT
315	12	1/4“ NPT	32,0	17,0	28,0	15,0	17	22	WE-L-12-1/4“-NPT
315	12	3/8“ NPT	32,0	17,0	28,0	15,3	17	22	WE-L-12-3/8“-NPT
315	12	1/2“ NPT	36,0	21,0	32,5	20,0	17	22	WE-L-12-1/2“-NPT
315	15	3/8“ NPT	36,0	21,0	34,0	15,3	19	27	WE-L-15-3/8“-NPT
315	15	1/2“ NPT	36,0	21,0	34,0	20,0	19	27	WE-L-15-1/2“-NPT
160	15	3/4“ NPT	36,0	21,0	42,0	20,0	24	27	WE-L-15-3/4“-NPT
315	18	3/8“ NPT	40,0	23,5	36,0	15,3	24	32	WE-L-18-3/8“-NPT
315	18	1/2“ NPT	40,0	23,5	36,0	20,0	24	32	WE-L-18-1/2“-NPT
160	18	3/4“ NPT	38,5	22,0	41,0	20,0	24	32	WE-L-18-3/4“-NPT
160	22	1/2“ NPT	44,0	27,5	42,0	20,0	27	36	WE-L-22-1/2“-NPT
160	22	3/4“ NPT	44,0	27,5	42,0	20,0	27	36	WE-L-22-3/4“-NPT
160	28	3/4“ NPT	47,0	30,5	48,0	20,0	36	41	WE-L-28-3/4“-NPT
160	28	1“ NPT	47,0	30,5	48,0	25,0	36	41	WE-L-28-1“-NPT
160	35	1 1/4“ NPT	56,0	34,5	54,0	25,5	41	50	WE-L-35-1 1/4“-NPT
160	42	1 1/2“ NPT	63,0	40,0	61,0	26,0	50	60	WE-L-42-1 1/2“-NPT

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN
WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungen
L-Reihe
Einschraubgewinde: NPT

Stud Elbows
L-Series
Thread: NPT



Reihe / Series L

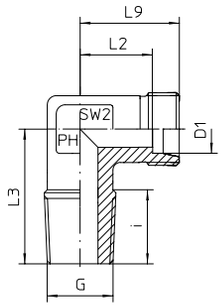
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
315	6	1/8“ NPT	27,0	12,0	20,0	10,0	12	14	WE-L-06-1/8“-NPT-SC
315	6	1/4“ NPT	29,0	14,0	26,0	15,0	12	14	WE-L-06-1/4“-NPT-SC
315	6	3/8“ NPT	33,0	18,0	28,0	15,3	14	14	WE-L-06-3/8“-NPT-SC
315	6	1/2“ NPT	30,5	15,5	30,0	20,0	17	14	WE-L-06-1/2“-NPT-SC
315	8	1/8“ NPT	29,0	14,0	26,0	10,0	12	17	WE-L-08-1/8“-NPT-SC
315	8	1/4“ NPT	29,0	14,0	26,0	15,0	12	17	WE-L-08-1/4“-NPT-SC
315	8	3/8“ NPT	29,0	14,0	26,0	15,3	14	17	WE-L-08-3/8“-NPT-SC
315	8	1/2“ NPT	34,5	19,5	30,0	20,0	17	17	WE-L-08-1/2“-NPT-SC
315	10	1/8“ NPT	30,0	15,0	27,0	10,0	14	19	WE-L-10-1/8“-NPT-SC
315	10	1/4“ NPT	30,0	15,0	27,0	15,0	14	19	WE-L-10-1/4“-NPT-SC
315	10	3/8“ NPT	32,0	17,0	28,0	15,3	14	19	WE-L-10-3/8“-NPT-SC
315	10	1/2“ NPT	37,0	21,0	33,0	20,0	17	19	WE-L-10-1/2“-NPT-SC
315	12	1/4“ NPT	32,0	17,0	28,0	15,0	17	22	WE-L-12-1/4“-NPT-SC
315	12	1/8“ NPT	32,0	17,0	28,0	10,0	17	22	WE-L-12-1/8“-NPT-SC
315	12	3/8“ NPT	32,0	17,0	28,0	15,3	17	22	WE-L-12-3/8“-NPT-SC
315	12	1/2“ NPT	36,0	21,0	32,5	20,0	17	22	WE-L-12-1/2“-NPT-SC
315	15	3/8“ NPT	36,0	21,0	34,0	15,3	19	27	WE-L-15-3/8“-NPT-SC
315	15	1/2“ NPT	36,0	21,0	34,0	20,0	19	27	WE-L-15-1/2“-NPT-SC
160	15	3/4“ NPT	36,0	21,0	42,0	20,0	24	27	WE-L-15-3/4“-NPT-SC
315	18	3/8“ NPT	40,0	23,5	36,0	15,3	24	32	WE-L-18-3/8“-NPT-SC
315	18	1/2“ NPT	40,0	23,5	36,0	20,0	24	32	WE-L-18-1/2“-NPT-SC
160	18	3/4“ NPT	38,5	22,0	41,0	20,0	24	32	WE-L-18-3/4“-NPT-SC
160	22	1/2“ NPT	44,0	27,5	42,0	20,0	27	36	WE-L-22-1/2“-NPT-SC
160	22	3/4“ NPT	44,0	27,5	42,0	20,0	27	36	WE-L-22-3/4“-NPT-SC
160	28	3/4“ NPT	47,0	30,5	48,0	20,0	36	41	WE-L-28-3/4“-NPT-SC
160	28	1“ NPT	47,0	30,5	48,0	25,0	36	41	WE-L-28-1“-NPT-SC
160	35	1 1/4“ NPT	56,0	34,5	54,0	25,5	41	50	WE-L-35-1 1/4“-NPT-SC
160	42	1 1/2“ NPT	63,0	40,0	61,0	26,0	50	60	WE-L-42-1 1/2“-NPT-SC

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN

WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungsstutzen
LL- und L-Reihe
Einschraubgewinde: NPT

Stud Elbow Bodies
LL- and L-Series
Thread: NPT



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L3	L9	i	SW2		
100	4	1/8“ NPT	11,0	17,0	15,0	10,0	9		WE-LL-04-1/8“-NPT-OMD
100	6	1/8“ NPT	9,5	17,0	15,0	10,0	9		WE-LL-06-1/8“-NPT-OMD
100	8	1/8“ NPT	11,5	20,0	17,0	10,0	12		WE-LL-08-1/8“-NPT-OMD

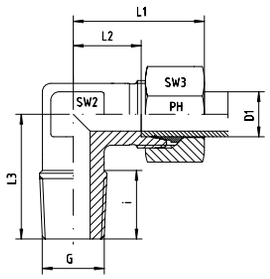
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L3	L9	i	SW2		
315	6	1/8“ NPT	12,0	20,0	19,0	10,0	12		WE-L-06-1/8“-NPT-OMD
315	6	1/4“ NPT	14,0	26,0	19,0	15,0	12		WE-L-06-1/4“-NPT-OMD
315	6	3/8“ NPT	18,0	28,0	22,0	15,3	14		WE-L-06-3/8“-NPT-OMD
315	6	1/2“ NPT	15,5	30,0	26,0	20,0	17		WE-L-06-1/2“-NPT-OMD
315	8	1/8“ NPT	14,0	26,0	21,0	10,0	12		WE-L-08-1/8“-NPT-OMD
315	8	1/4“ NPT	14,0	26,0	21,0	15,0	12		WE-L-08-1/4“-NPT-OMD
315	8	3/8“ NPT	14,0	26,0	22,0	15,3	14		WE-L-08-3/8“-NPT-OMD
315	8	1/2“ NPT	19,5	30,0	26,0	20,0	17		WE-L-08-1/2“-NPT-OMD
315	10	1/8“ NPT	15,0	27,0	22,0	10,0	14		WE-L-10-1/8“-NPT-OMD
315	10	1/4“ NPT	15,0	27,0	22,0	15,0	14		WE-L-10-1/4“-NPT-OMD
315	10	3/8“ NPT	17,0	28,0	22,0	15,3	14		WE-L-10-3/8“-NPT-OMD
315	10	1/2“ NPT	21,0	33,0	28,0	20,0	17		WE-L-10-1/2“-NPT-OMD
315	12	1/8“ NPT	17,0	28,0	24,0	10,0	17		WE-L-12-1/8“-NPT-OMD
315	12	1/4“ NPT	17,0	28,0	24,0	15,0	17		WE-L-12-1/4“-NPT-OMD
315	12	3/8“ NPT	17,0	28,0	24,0	15,3	17		WE-L-12-3/8“-NPT-OMD
315	12	1/2“ NPT	21,0	32,5	27,5	20,0	17		WE-L-12-1/2“-NPT-OMD
315	15	3/8“ NPT	21,0	34,0	28,0	15,3	19		WE-L-15-3/8“-NPT-OMD
315	15	1/2“ NPT	21,0	34,0	28,0	20,0	19		WE-L-15-1/2“-NPT-OMD
160	15	3/4“ NPT	21,0	42,0	28,0	20,0	24		WE-L-15-3/4“-NPT-OMD
315	18	3/8“ NPT	23,5	36,0	31,0	15,3	24		WE-L-18-3/8“-NPT-OMD
315	18	1/2“ NPT	23,5	36,0	31,0	20,0	24		WE-L-18-1/2“-NPT-OMD
160	18	3/4“ NPT	22,0	41,0	31,0	20,0	24		WE-L-18-3/4“-NPT-OMD
160	22	1/2“ NPT	27,5	42,0	35,0	20,0	27		WE-L-22-1/2“-NPT-OMD
160	22	3/4“ NPT	27,5	42,0	35,0	20,0	27		WE-L-22-3/4“-NPT-OMD
160	28	3/4“ NPT	30,5	48,0	38,0	20,0	36		WE-L-28-3/4“-NPT-OMD
160	28	1“ NPT	30,5	48,0	38,0	25,0	36		WE-L-28-1“-NPT-OMD
160	35	1 1/4“ NPT	34,5	54,0	45,0	25,5	41		WE-L-35-1 1/4“-NPT-OMD
160	42	1 1/2“ NPT	40,0	61,0	51,0	26,0	50		WE-L-42-1 1/2“-NPT-OMD

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN
WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungen
S-Reihe
Einschraubgewinde: NPT

Stud Elbows
S-Series
Thread: NPT



Reihe / Series S

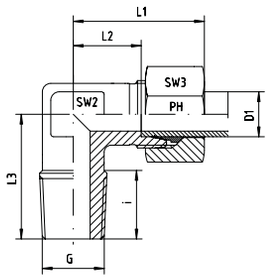
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
630	6	1/4“ NPT	31,0	16,0	26,0	15,0	12	17	WE-S-06-1/4“-NPT
630	6	3/8“ NPT	32,0	17,5	29,0	15,3	14	17	WE-S-06-3/8“-NPT
630	6	1/2“ NPT	36,0	21,0	34,0	20,0	17	17	WE-S-06-1/2“-NPT
630	8	1/4“ NPT	32,0	17,0	27,0	15,0	14	19	WE-S-08-1/4“-NPT
630	8	3/8“ NPT	33,0	18,0	28,0	15,3	14	19	WE-S-08-3/8“-NPT
630	8	1/2“ NPT	38,0	23,0	34,0	20,0	17	19	WE-S-08-1/2“-NPT
630	10	1/4“ NPT	34,0	17,5	28,0	15,0	17	22	WE-S-10-1/4“-NPT
630	10	3/8“ NPT	34,0	17,5	28,0	15,3	17	22	WE-S-10-3/8“-NPT
630	10	1/2“ NPT	39,0	22,5	32,0	20,0	17	22	WE-S-10-1/2“-NPT
630	12	1/4“ NPT	38,0	21,5	29,0	15,0	17	24	WE-S-12-1/4“-NPT
630	12	3/8“ NPT	38,0	21,5	28,0	15,3	17	24	WE-S-12-3/8“-NPT
630	12	1/2“ NPT	39,0	21,5	32,5	20,0	17	24	WE-S-12-1/2“-NPT
630	14	3/8“ NPT	40,0	22,0	30,0	15,3	19	27	WE-S-14-3/8“-NPT
630	14	1/2“ NPT	40,0	22,0	34,0	20,0	19	27	WE-S-14-1/2“-NPT
400	16	3/8“ NPT	43,0	24,5	32,0	15,3	24	30	WE-S-16-3/8“-NPT
400	16	1/2“ NPT	43,0	24,5	36,0	20,0	24	30	WE-S-16-1/2“-NPT
400	16	3/4“ NPT	43,0	24,5	41,0	20,0	24	30	WE-S-16-3/4“-NPT
400	20	1/2“ NPT	48,0	26,5	42,0	20,0	27	36	WE-S-20-1/2“-NPT
400	20	3/4“ NPT	48,0	26,5	42,0	20,0	27	36	WE-S-20-3/4“-NPT
400	25	1“ NPT	54,0	30,0	48,0	25,0	36	46	WE-S-25-1“-NPT
400	30	1 1/4“ NPT	62,0	35,5	54,0	25,5	41	50	WE-S-30-1 1/4“-NPT
315	38	1 1/2“ NPT	72,0	41,0	61,0	26,0	50	60	WE-S-38-1 1/2“-NPT

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN

WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungen
S-Reihe
Einschraubgewinde: NPT

Stud Elbows
S-Series
Thread: NPT



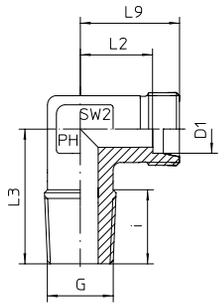
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
630	6	1/4“ NPT	31,0	16,0	26,0	15,0	12	17	WE-S-06-1/4“-NPT-SC
630	6	3/8“ NPT	32,0	17,5	29,0	15,3	14	17	WE-S-06-3/8“-NPT-SC
630	6	1/2“ NPT	36,0	21,0	34,0	20,0	17	17	WE-S-06-1/2“-NPT-SC
630	8	1/4“ NPT	32,0	17,0	27,0	15,0	14	19	WE-S-08-1/4“-NPT-SC
630	8	3/8“ NPT	33,0	18,0	28,0	15,3	14	19	WE-S-08-3/8“-NPT-SC
630	8	1/2“ NPT	38,0	23,0	34,0	20,0	17	19	WE-S-08-1/2“-NPT-SC
630	10	1/4“ NPT	34,0	17,5	28,0	15,0	17	22	WE-S-10-1/4“-NPT-SC
630	10	3/8“ NPT	34,0	17,5	28,0	15,3	17	22	WE-S-10-3/8“-NPT-SC
630	10	1/2“ NPT	39,0	22,5	32,0	20,0	17	22	WE-S-10-1/2“-NPT-SC
630	12	1/4“ NPT	38,0	21,5	29,0	15,0	17	24	WE-S-12-1/4“-NPT-SC
630	12	3/8“ NPT	38,0	21,5	28,0	15,3	17	24	WE-S-12-3/8“-NPT-SC
630	12	1/2“ NPT	39,0	21,5	32,5	20,0	17	24	WE-S-12-1/2“-NPT-SC
630	14	3/8“ NPT	40,0	22,0	30,0	15,3	19	27	WE-S-14-3/8“-NPT-SC
630	14	1/2“ NPT	40,0	22,0	34,0	20,0	19	27	WE-S-14-1/2“-NPT-SC
400	16	3/8“ NPT	43,0	24,5	32,0	15,3	24	30	WE-S-16-3/8“-NPT-SC
400	16	1/2“ NPT	43,0	24,5	36,0	20,0	24	30	WE-S-16-1/2“-NPT-SC
400	16	3/4“ NPT	43,0	24,5	41,0	20,0	24	30	WE-S-16-3/4“-NPT-SC
400	20	1/2“ NPT	48,0	26,5	42,0	20,0	27	36	WE-S-20-1/2“-NPT-SC
400	20	3/4“ NPT	48,0	26,5	42,0	20,0	27	36	WE-S-20-3/4“-NPT-SC
400	25	1“ NPT	54,0	30,0	48,0	25,0	36	46	WE-S-25-1“-NPT-SC
400	30	1 1/4“ NPT	62,0	35,5	54,0	25,5	41	50	WE-S-30-1 1/4“-NPT-SC
315	38	1 1/2“ NPT	72,0	41,0	61,0	26,0	50	60	WE-S-38-1 1/2“-NPT-SC

WE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN
WE - MALE - STUD - ELBOWS

Winkel-Einschraubverschraubungsstutzen
S-Reihe
Einschraubgewinde: NPT

Stud Elbow Bodies
S-Series
Thread: NPT



Reihe / Series S

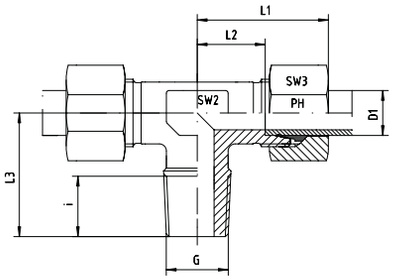
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L2	L3	L9	i	SW2	
630	6	1/4“ NPT	16,0	26,0	23,0	15,0	12	WE-S-06-1/4“-NPT-OMD
630	6	3/8“ NPT	17,5	27,0	22,0	15,3	14	WE-S-06-3/8“-NPT-OMD
630	6	1/2“ NPT	21,0	34,0	29,0	20,0	17	WE-S-06-1/2“-NPT-OMD
630	8	1/4“ NPT	17,0	27,0	24,0	15,0	14	WE-S-08-1/4“-NPT-OMD
630	8	3/8“ NPT	18,0	28,0	24,0	15,3	14	WE-S-08-3/8“-NPT-OMD
630	8	1/2“ NPT	23,0	34,0	28,0	20,0	17	WE-S-08-1/2“-NPT-OMD
630	10	1/4“ NPT	17,5	28,0	25,0	15,0	17	WE-S-10-1/4“-NPT-OMD
630	10	3/8“ NPT	17,5	28,0	25,0	15,3	17	WE-S-10-3/8“-NPT-OMD
630	10	1/2“ NPT	22,5	32,0	30,0	20,0	17	WE-S-10-1/2“-NPT-OMD
630	12	1/4“ NPT	21,5	29,0	29,0	15,0	17	WE-S-12-1/4“-NPT-OMD
630	12	3/8“ NPT	21,5	28,0	29,0	15,3	17	WE-S-12-3/8“-NPT-OMD
630	12	1/2“ NPT	21,5	32,5	29,0	20,0	17	WE-S-12-1/2“-NPT-OMD
630	14	3/8“ NPT	22,0	30,0	30,0	15,3	19	WE-S-14-3/8“-NPT-OMD
630	14	1/2“ NPT	22,0	34,0	30,0	20,0	19	WE-S-14-1/2“-NPT-OMD
400	16	3/8“ NPT	24,5	32,0	33,0	15,3	24	WE-S-16-3/8“-NPT-OMD
400	16	1/2“ NPT	24,5	36,0	33,0	20,0	24	WE-S-16-1/2“-NPT-OMD
400	16	3/4“ NPT	24,5	41,0	33,0	20,0	24	WE-S-16-3/4“-NPT-OMD
400	20	1/2“ NPT	26,5	42,0	37,0	20,0	27	WE-S-20-1/2“-NPT-OMD
400	20	3/4“ NPT	26,5	42,0	37,0	20,0	27	WE-S-20-3/4“-NPT-OMD
400	25	1“ NPT	30,0	48,0	42,0	25,0	36	WE-S-25-1“-NPT-OMD
400	30	1 1/4“ NPT	35,5	54,0	49,0	25,5	41	WE-S-30-1 1/4“-NPT-OMD
315	38	1 1/2“ NPT	41,0	61,0	57,0	26,0	50	WE-S-38-1 1/2“-NPT-OMD

TE - T - EINSCHRAUB - VERSCHRAUBUNGEN

TE - MALE - STUD - BRANCH - TEE - COUPLINGS

T-Einschraubverschraubungen
LL-, L- und S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig

** Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.



Stud Branch Tees
LL-, L- and S-Series
Thread: BSP - Taper

** The pressure rates are only valid, if the female parts are with tapered threads, too.

Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
100	4	R 1/8“ keg	21,0	11,0	17,0	8,0	9	10	TE-LL-04-R 1/8“-k
100	6	R 1/8“ keg	21,0	9,5	17,0	8,0	9	12	TE-LL-06-R 1/8“-k
100	8	R 1/8“ keg	23,0	11,5	20,0	8,0	12	14	TE-LL-08-R 1/8“-k

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
315	6	R 1/8“ keg	27,0	12,0	20,0	8,0	12	14	TE-L-06-R 1/8“-k
315	6	R 1/4“ keg	29,0	14,0	26,0	12,0	12	14	TE-L-06-R 1/4“-k
315	8	R 1/8“ keg	29,0	14,0	26,0	12,0	12	17	TE-L-08-R 1/8“-k
315	8	R 1/4“ keg	29,0	14,0	26,0	12,0	12	17	TE-L-08-R 1/4“-k
315	8	R 3/8“ keg	30,0	15,0	28,0	12,0	14	17	TE-L-08-R 3/8“-k
315	10	R 1/8“ keg	30,0	15,0	27,0	8,0	14	19	TE-L-10-R 1/8“-k
315	10	R 1/4“ keg	30,0	15,0	27,0	12,0	14	19	TE-L-10-R 1/4“-k
315	10	R 3/8“ keg	30,0	15,0	27,0	12,0	14	19	TE-L-10-R 3/8“-k
315	10	R 1/2“ keg	37,0	21,0	33,0	14,0	17	19	TE-L-10-R 1/2“-k
315	12	R 1/4“ keg	32,0	17,0	28,0	12,0	17	22	TE-L-12-R 1/4“-k
315	12	R 3/8“ keg	32,0	17,0	28,0	12,0	17	22	TE-L-12-R 3/8“-k
315	12	R 1/2“ keg	38,0	20,5	32,5	14,0	17	22	TE-L-12-R 1/2“-k
315	15	R 3/8“ keg	36,0	21,0	32,0	12,0	19	27	TE-L-15-R 3/8“-k
315	15	R 1/2“ keg	36,0	21,0	34,0	14,0	19	27	TE-L-15-R 1/2“-k
315	18	R 1/2“ keg	40,0	23,5	36,0	14,0	24	32	TE-L-18-R 1/2“-k

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
630 **	6	R 1/4“ keg	31,0	16,0	26,0	12,0	12	17	TE-S-06-R 1/4“-k
630 **	8	R 1/4“ keg	32,0	17,0	27,0	12,0	14	19	TE-S-08-R 1/4“-k
630 **	10	R 3/8“ keg	34,0	17,5	28,0	12,0	17	22	TE-S-10-R 3/8“-k
630 **	12	R 3/8“ keg	38,0	21,5	28,0	12,0	17	24	TE-S-12-R 3/8“-k
630 **	12	R 1/2“ keg	38,0	21,5	32,5	14,0	17	24	TE-S-12-R 1/2“-k
630 **	14	R 1/2“ keg	40,0	22,0	32,0	14,0	19	27	TE-S-14-R 1/2“-k
400 **	16	R 1/2“ keg	43,0	24,5	32,0	14,0	24	30	TE-S-16-R 1/2“-k

TE - T - EINSCHRAUB - VERSCHRAUBUNGEN

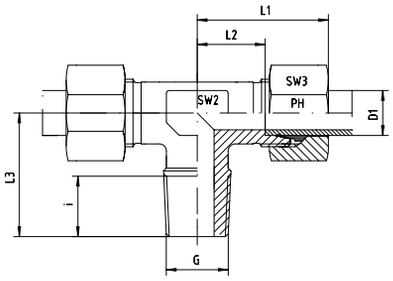
TE - MALE - STUD - BRANCH - TEE - COUPLINGS

T-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig

** Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.

Stud Branch Tees
L- and S-Series
Thread: BSP - Taper

** The pressure rates are only valid, if the female parts are with tapered threads, too.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
315	6	R 1/8“ keg	27,0	12,0	20,0	8,0	12	14	TE-L-06-R 1/8“-k-SC
315	6	R 1/4“ keg	29,0	14,0	26,0	12,0	12	14	TE-L-06-R 1/4“-k-SC
315	8	R 1/8“ keg	29,0	14,0	26,0	12,0	12	17	TE-L-08-R 1/8“-k-SC
315	8	R 1/4“ keg	29,0	14,0	26,0	12,0	12	17	TE-L-08-R 1/4“-k-SC
315	8	R 3/8“ keg	30,0	15,0	28,0	12,0	14	17	TE-L-08-R 3/8“-k-SC
315	10	R 1/8“ keg	30,0	15,0	27,0	8,0	14	19	TE-L-10-R 1/8“-k-SC
315	10	R 1/4“ keg	30,0	15,0	27,0	12,0	14	19	TE-L-10-R 1/4“-k-SC
315	10	R 3/8“ keg	30,0	15,0	27,0	12,0	14	19	TE-L-10-R 3/8“-k-SC
315	10	R 1/2“ keg	37,0	21,0	33,0	14,0	17	19	TE-L-10-R 1/2“-k-SC
315	12	R 1/4“ keg	32,0	17,0	28,0	12,0	17	22	TE-L-12-R 1/4“-k-SC
315	12	R 3/8“ keg	32,0	17,0	28,0	12,0	17	22	TE-L-12-R 3/8“-k-SC
315	12	R 1/2“ keg	38,0	20,5	32,5	14,0	17	22	TE-L-12-R 1/2“-k-SC
315	15	R 3/8“ keg	36,0	21,0	32,0	12,0	19	27	TE-L-15-R 3/8“-k-SC
315	15	R 1/2“ keg	36,0	21,0	34,0	14,0	19	27	TE-L-15-R 1/2“-k-SC
315	18	R 1/2“ keg	40,0	23,5	36,0	14,0	24	32	TE-L-18-R 1/2“-k-SC

Reihe / Series S

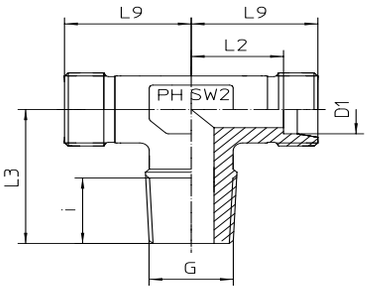
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
630 **	6	R 1/4“ keg	31,0	16,0	26,0	12,0	12	17	TE-S-06-R 1/4“-k-SC
630 **	8	R 1/4“ keg	32,0	17,0	27,0	12,0	14	19	TE-S-08-R 1/4“-k-SC
630 **	10	R 3/8“ keg	34,0	17,5	28,0	12,0	17	22	TE-S-10-R 3/8“-k-SC
630 **	12	R 3/8“ keg	38,0	21,5	28,0	12,0	17	24	TE-S-12-R 3/8“-k-SC
630 **	12	R 1/2“ keg	38,0	21,5	32,5	14,0	17	24	TE-S-12-R 1/2“-k-SC
630 **	14	R 1/2“ keg	40,0	22,0	32,0	14,0	19	27	TE-S-14-R 1/2“-k-SC
400 **	16	R 1/2“ keg	43,0	24,5	32,0	14,0	24	30	TE-S-16-R 1/2“-k-SC

TE - T - EINSCHRAUB - VERSCHRAUBUNGEN

TE - MALE - STUD - BRANCH - TEE - COUPLINGS

T-Einschraubverschraubungsstutzen
LL-, L- und S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig

** Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.



Stud Branch Tee Bodies
LL-, L- and S-Series
Thread: BSP - Taper

** The pressure rates are only valid, if the female parts are with tapered threads, too.

Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L3	L9	i	SW2		
100	4	R 1/8“ keg	11,0	17,0	15,0	8,0	9		TE-LL-04-R 1/8“-k-OMD
100	6	R 1/8“ keg	9,5	17,0	15,0	8,0	9		TE-LL-06-R 1/8“-k-OMD
100	8	R 1/8“ keg	11,5	20,0	17,0	8,0	12		TE-LL-08-R 1/8“-k-OMD

Reihe / Series L

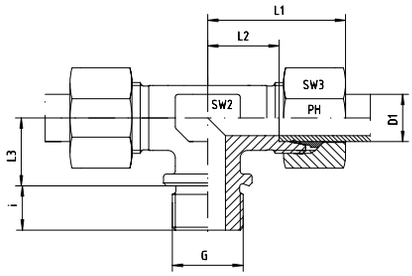
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L3	L9	i	SW2		
315	6	R 1/8“ keg	12,0	20,0	19,0	8,0	12		TE-L-06-R 1/8“-k-OMD
315	6	R 1/4“ keg	14,0	26,0	21,0	12,0	12		TE-L-06-R 1/4“-k-OMD
315	8	R 1/8“ keg	14,0	26,0	21,0	12,0	12		TE-L-08-R 1/8“-k-OMD
315	8	R 1/4“ keg	14,0	26,0	21,0	12,0	12		TE-L-08-R 1/4“-k-OMD
315	8	R 3/8“ keg	15,0	28,0	22,0	12,0	14		TE-L-08-R 3/8“-k-OMD
315	10	R 1/8“ keg	15,0	27,0	22,0	8,0	14		TE-L-10-R 1/8“-k-OMD
315	10	R 1/4“ keg	15,0	27,0	22,0	12,0	14		TE-L-10-R 1/4“-k-OMD
315	10	R 3/8“ keg	15,0	27,0	22,0	12,0	14		TE-L-10-R 3/8“-k-OMD
315	10	R 1/2“ keg	21,0	33,0	28,0	14,0	17		TE-L-10-R 1/2“-k-OMD
315	12	R 1/4“ keg	17,0	28,0	24,0	12,0	17		TE-L-12-R 1/4“-k-OMD
315	12	R 3/8“ keg	17,0	28,0	24,0	12,0	17		TE-L-12-R 3/8“-k-OMD
315	12	R 1/2“ keg	20,5	32,5	27,5	14,0	17		TE-L-12-R 1/2“-k-OMD
315	15	R 3/8“ keg	21,0	32,0	28,0	12,0	19		TE-L-15-R 3/8“-k-OMD
315	15	R 1/2“ keg	21,0	34,0	28,0	14,0	19		TE-L-15-R 1/2“-k-OMD
315	18	R 1/2“ keg	23,5	36,0		14,0	24		TE-L-18-R 1/2“-k-OMD

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L3	L9	i	SW2		
630 **	6	R 1/4“ keg	16,0	26,0	23,0	12,0	12		TE-S-06-R 1/4“-k-OMD
630 **	8	R 1/4“ keg	17,0	27,0	24,0	12,0	14		TE-S-08-R 1/4“-k-OMD
630 **	10	R 3/8“ keg	17,5	28,0	25,0	12,0	17		TE-S-10-R 3/8“-k-OMD
630 **	12	R 3/8“ keg	21,5	28,0	29,0	12,0	17		TE-S-12-R 3/8“-k-OMD
630 **	12	R 1/2“ keg	21,5	32,5	29,0	14,0	17		TE-S-12-R 1/2“-k-OMD
630 **	14	R 1/2“ keg	22,0	32,0	30,0	14,0	19		TE-S-14-R 1/2“-k-OMD
400 **	16	R 1/2“ keg	24,5	32,0	33,0	14,0	24		TE-S-16-R 1/2“-k-OMD

T-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Stud Branch Tees
L- and S-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
160	22	G 3/4“ zyl	44,0	27,5	26,0	16,0	27	36	TE-L-22-R 3/4“-z
160	28	G 1“ zyl	47,0	30,5	30,0	18,0	36	41	TE-L-28-R 1“-z
160	35	G 1 1/4“ zyl	56,0	34,5	34,0	20,0	41	50	TE-L-35-R 1 1/4“-z
160	42	G 1 1/2“ zyl	63,0	40,0	39,0	22,0	50	60	TE-L-42-R 1 1/2“-z

Reihe / Series S

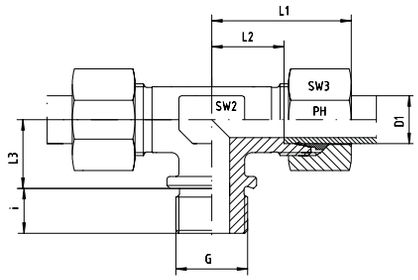
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
400	20	G 3/4“ zyl	48,0	26,5	26,0	16,0	27	36	TE-S-20-R 3/4“-z
250	25	G 1“ zyl	54,0	30,0	30,0	18,0	36	46	TE-S-25-R 1“-z
160	30	G 1 1/4“ zyl	62,0	35,5	34,0	20,0	41	50	TE-S-30-R 1 1/4“-z
160	38	G 1 1/2“ zyl	72,0	41,0	39,0	22,0	50	60	TE-S-38-R 1 1/2“-z

TE - T - EINSCHRAUB - VERSCHRAUBUNGEN

TE - MALE - STUD - BRANCH - TEE - COUPLINGS

T-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Stud Branch Tees
L- and S-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
160	22	G 3/4“ zyl	44,0	27,5	26,0	16,0	27	36	TE-L-22-R 3/4“-z-SC
160	28	G 1“ zyl	47,0	30,5	30,0	18,0	36	41	TE-L-28-R 1“-z-SC
160	35	G 1 1/4“ zyl	56,0	34,5	34,0	20,0	41	50	TE-L-35-R 1 1/4“-z-SC
160	42	G 1 1/2“ zyl	63,0	40,0	39,0	22,0	50	60	TE-L-42-R 1 1/2“-z-SC

Reihe / Series S

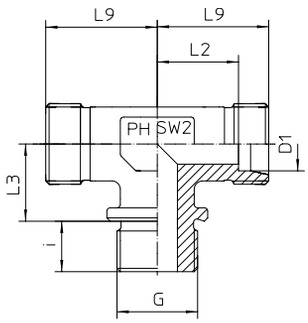
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
400	20	G 3/4“ zyl	48,0	26,5	26,0	16,0	27	36	TE-S-20-R 3/4“-z-SC
250	25	G 1“ zyl	54,0	30,0	30,0	18,0	36	46	TE-S-25-R 1“-z-SC
160	30	G 1 1/4“ zyl	62,0	35,5	34,0	20,0	41	50	TE-S-30-R 1 1/4“-z-SC
160	38	G 1 1/2“ zyl	72,0	41,0	39,0	22,0	50	60	TE-S-38-R 1 1/2“-z-SC

TE - T - EINSCHRAUB - VERSCHRAUBUNGEN

TE - MALE - STUD - BRANCH - TEE - COUPLINGS

T-Einschraubverschraubungsstutzen
L- und S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Stud Branch Tee Bodies
L- and S-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

Druck Pressure	**Rohr A.D.** Tube O.D.	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions					**Bestellzeichen** Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**	
160	22	G 3/4“ zyl	27,5	26,0	35,0	16,0	27	TE-L-22-R 3/4“-z-OMD
160	28	G 1“ zyl	30,5	30,0	38,0	18,0	36	TE-L-28-R 1“-z-OMD
160	35	G 1 1/4“ zyl	34,5	34,0	45,0	20,0	41	TE-L-35-R 1 1/4“-z-OMD
160	42	G 1 1/2“ zyl	40,0	39,0	51,0	22,0	50	TE-L-42-R 1 1/2“-z-OMD

Reihe / Series S

Druck Pressure	**Rohr A.D.** Tube O.D.	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions					**Bestellzeichen** Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**	
400	20	G 3/4“ zyl	26,5	26,0	37,0	16,0	27	TE-S-20-R 3/4“-z-OMD
250	25	G 1“ zyl	30,0	30,0	42,0	18,0	36	TE-S-25-R 1“-z-OMD
160	30	G 1 1/4“ zyl	35,5	34,0	49,0	20,0	41	TE-S-30-R 1 1/4“-z-OMD
160	38	G 1 1/2“ zyl	41,0	39,0	57,0	22,0	50	TE-S-38-R 1 1/2“-z-OMD

TE - T - EINSCHRAUB - VERSCHRAUBUNGEN

TE - MALE - STUD - BRANCH - TEE - COUPLINGS

T-Einschraubverschraubungen
LL-, L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Kegelig

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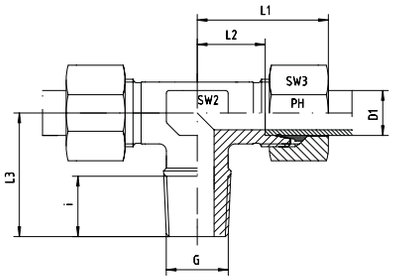


Stud Branch Tees
LL-, L- and S-Series
Thread: Metric - Taper

** The pressure rates are only valid, if the female parts are with tapered threads, too.

Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
100	4	M 6 x 1 keg	21,0	11,0	17,0	8,0	9	10	TE-LL-04-M 6x1-k
100	4	M 8 x 1 keg	21,0	11,0	17,0	8,0	9	10	TE-LL-04-M 8x1-k
100	6	M 6 x 1 keg	21,0	9,5	17,0	8,0	9	12	TE-LL-06-M 6x1-k
100	6	M 8 x 1 keg	21,0	9,5	17,0	8,0	9	12	TE-LL-06-M 8x1-k
100	6	M 10 x 1 keg	21,0	9,5	17,0	8,0	9	12	TE-LL-06-M 10x1-k
100	8	M 8 x 1 keg	23,0	11,5	20,0	8,0	12	14	TE-LL-08-M 8x1-k
100	8	M 10 x 1 keg	23,0	11,5	20,0	8,0	12	14	TE-LL-08-M 10x1-k

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
315	6	M 10 x 1 keg	27,0	12,0	20,0	8,0	12	14	TE-L-06-M 10x1-k
315	8	M 12 x 1,5 keg	29,0	14,0	26,0	12,0	12	17	TE-L-08-M 12x1,5-k
315	10	M 14 x 1,5 keg	30,0	15,0	27,0	12,0	14	19	TE-L-10-M 14x1,5-k
315	12	M 16 x 1,5 keg	32,0	17,0	28,0	12,0	17	22	TE-L-12-M 16x1,5-k
315	15	M 18 x 1,5 keg	36,0	21,0	32,0	12,0	19	27	TE-L-15-M 18x1,5-k
315	18	M 22 x 1,5 keg	40,0	23,5	36,0	14,0	24	32	TE-L-18-M 22x1,5-k

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
630 **	6	M 12 x 1,5 keg	31,0	16,0	26,0	12,0	12	17	TE-S-06-M 12x1,5-k
630 **	8	M 14 x 1,5 keg	32,0	17,0	27,0	12,0	14	19	TE-S-08-M 14x1,5-k
630 **	10	M 16 x 1,5 keg	34,0	17,5	28,0	12,0	17	22	TE-S-10-M 16x1,5-k
630 **	12	M 18 x 1,5 keg	38,0	21,5	28,0	12,0	17	24	TE-S-12-M 18x1,5-k
630 **	14	M 20 x 1,5 keg	40,0	22,0	32,0	14,0	17	27	TE-S-14-M 20x1,5-k
400 **	16	M 22 x 1,5 keg	43,0	24,5	32,0	14,0	19	30	TE-S-16-M 22x1,5-k

TE - T - EINSCHRAUB - VERSCHRAUBUNGEN

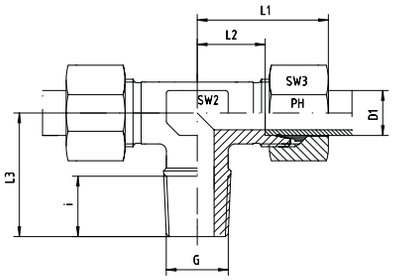
TE - MALE - STUD - BRANCH - TEE - COUPLINGS

T-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Kegelig

** Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.

Stud Branch Tees
L- and S-Series
Thread: Metric - Taper

** The pressure rates are only valid, if the female parts are with tapered threads, too.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
315	6	M 10 x 1 keg	27,0	12,0	20,0	8,0	12	14	TE-L-06-M 10x1-k-SC
315	8	M 12 x 1,5 keg	29,0	14,0	26,0	12,0	12	17	TE-L-08-M 12x1,5-k-SC
315	10	M 14 x 1,5 keg	30,0	15,0	27,0	12,0	14	19	TE-L-10-M 14x1,5-k-SC
315	12	M 16 x 1,5 keg	32,0	17,0	28,0	12,0	17	22	TE-L-12-M 16x1,5-k-SC
315	15	M 18 x 1,5 keg	36,0	21,0	32,0	12,0	19	27	TE-L-15-M 18x1,5-k-SC
315	18	M 22 x 1,5 keg	40,0	23,5	36,0	14,0	24	32	TE-L-18-M 22x1,5-k-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
630 **	6	M 12 x 1,5 keg	31,0	16,0	26,0	12,0	12	17	TE-S-06-M 12x1,5-k-SC
630 **	8	M 14 x 1,5 keg	32,0	17,0	27,0	12,0	14	19	TE-S-08-M 14x1,5-k-SC
630 **	10	M 16 x 1,5 keg	34,0	17,5	28,0	12,0	17	22	TE-S-10-M 16x1,5-k-SC
630 **	12	M 18 x 1,5 keg	38,0	21,5	28,0	12,0	17	24	TE-S-12-M 18x1,5-k-SC
630 **	14	M 20 x 1,5 keg	40,0	22,0	32,0	14,0	17	27	TE-S-14-M 20x1,5-k-SC
400 **	16	M 22 x 1,5 keg	43,0	24,5	32,0	14,0	19	30	TE-S-16-M 22x1,5-k-SC

TE - T - EINSCHRAUB - VERSCHRAUBUNGEN

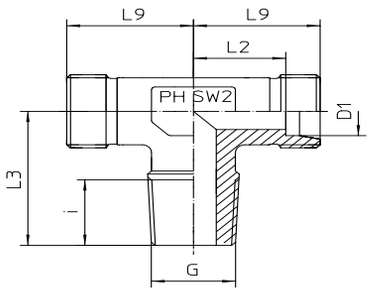
TE - MALE - STUD - BRANCH - TEE - COUPLINGS

T-Einschraubverschraubungsstutzen
LL-, L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Kegelig

** Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.

Stud Branch Tee Bodies
LL-, L- and S-Series
Thread: Metric - Taper

** The pressure rates are only valid, if the female parts are with tapered threads, too.



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**		
100	4	M 6 x 1 keg	11,0	17,0	15,0	8,0	9		TE-LL-04-M 6x1-k-OMD
100	4	M 8 x 1 keg	11,0	17,0	15,0	8,0	9		TE-LL-04-M 8x1-k-OMD
100	6	M 6 x 1 keg	9,5	17,0	15,0	8,0	9		TE-LL-06-M 6x1-k-OMD
100	6	M 8 x 1 keg	9,5	17,0	15,0	8,0	9		TE-LL-06-M 8x1-k-OMD
100	6	M 10 x 1 keg	9,5	17,0	15,0	8,0	9		TE-LL-06-M 10x1-k-OMD
100	8	M 8 x 1 keg	11,5	20,0	17,0	8,0	12		TE-LL-08-M 8x1-k-OMD
100	8	M 10 x 1 keg	11,5	20,0	17,0	8,0	12		TE-LL-08-M 10x1-k-OMD

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**		
315	6	M 10 x 1 keg	12,0	20,0	19,0	8,0	12		TE-L-06-M 10x1-k-OMD
315	8	M 12 x 1,5 keg	14,0	26,0	21,0	12,0	12		TE-L-08-M 12x1,5-k-OMD
315	10	M 14 x 1,5 keg	15,0	27,0	22,0	12,0	14		TE-L-10-M 14x1,5-k-OMD
315	12	M 16 x 1,5 keg	17,0	28,0	24,0	12,0	17		TE-L-12-M 16x1,5-k-OMD
315	15	M 18 x 1,5 keg	21,0	32,0	28,0	12,0	19		TE-L-15-M 18x1,5-k-OMD
315	18	M 22 x 1,5 keg	23,5	36,0		14,0	24		TE-L-18-M 22x1,5-k-OMD

Reihe / Series S

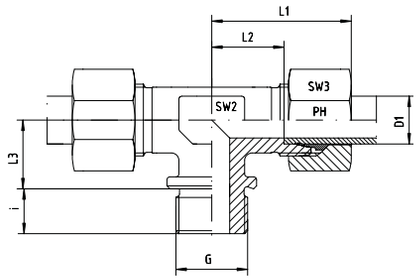
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**		
630 **	6	M 12 x 1,5 keg	16,0	26,0	23,0	12,0	12		TE-S-06-M 12x1,5-k-OMD
630 **	8	M 14 x 1,5 keg	17,0	27,0	24,0	12,0	14		TE-S-08-M 14x1,5-k-OMD
630 **	10	M 16 x 1,5 keg	17,5	28,0	25,0	12,0	17		TE-S-10-M 16x1,5-k-OMD
630 **	12	M 18 x 1,5 keg	21,5	28,0	29,0	12,0	17		TE-S-12-M 18x1,5-k-OMD
630 **	14	M 20 x 1,5 keg	22,0	32,0	30,0	14,0	17		TE-S-14-M 20x1,5-k-OMD
400 **	16	M 22 x 1,5 keg	24,5	32,0	33,0	14,0	19		TE-S-16-M 22x1,5-k-OMD

TE - T - EINSCHRAUB - VERSCHRAUBUNGEN

TE - MALE - STUD - BRANCH - TEE - COUPLINGS

T-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Stud Branch Tees
L- and S-Series
Thread: Metric - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
160	22	M 26 x 1,5 zyl	44,0	27,5	26,0	16,0	27	36	TE-L-22-M 26x1,5-z
160	28	M 33 x 2 zyl	47,0	30,5	30,0	18,0	36	41	TE-L-28-M 33x2-z
160	35	M 42 x 2 zyl	56,0	34,5	34,0	20,0	41	50	TE-L-35-M 42x2-z
160	42	M 48 x 2 zyl	63,0	40,0	39,0	22,0	50	60	TE-L-42-M 48x2-z

Reihe / Series S

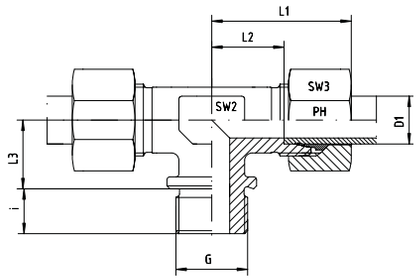
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
400	20	M 27 x 2 zyl	48,0	26,5	26,0	16,0	27	36	TE-S-20-M 27x2-z
250	25	M 33 x 2 zyl	54,0	30,0	30,0	18,0	36	46	TE-S-25-M 33x2-z
160	30	M 42 x 2 zyl	62,0	35,5	34,0	20,0	41	50	TE-S-30-M 42x2-z
160	38	M 48 x 2 zyl	72,0	41,0	39,0	22,0	50	60	TE-S-38-M 48x2-z

TE - T - EINSCHRAUB - VERSCHRAUBUNGEN

TE - MALE - STUD - BRANCH - TEE - COUPLINGS

T-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Stud Branch Tees
L- and S-Series
Thread: Metric - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
160	22	M 26 x 1,5 zyl	44,0	27,5	26,0	16,0	27	36	TE-L-22-M 26x1,5-z-SC
160	28	M 33 x 2 zyl	47,0	30,5	30,0	18,0	36	41	TE-L-28-M 33x2-z-SC
160	35	M 42 x 2 zyl	56,0	34,5	34,0	20,0	41	50	TE-L-35-M 42x2-z-SC
160	42	M 48 x 2 zyl	63,0	40,0	39,0	22,0	50	60	TE-L-42-M 48x2-z-SC

Reihe / Series S

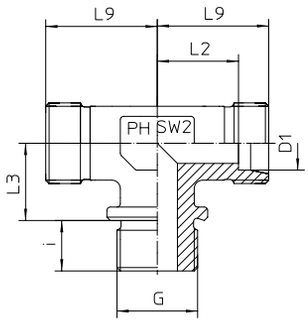
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
400	20	M 27 x 2 zyl	48,0	26,5	26,0	16,0	27	36	TE-S-20-M 27x2-z-SC
250	25	M 33 x 2 zyl	54,0	30,0	30,0	18,0	36	46	TE-S-25-M 33x2-z-SC
160	30	M 42 x 2 zyl	62,0	35,5	34,0	20,0	41	50	TE-S-30-M 42x2-z-SC
160	38	M 48 x 2 zyl	72,0	41,0	39,0	22,0	50	60	TE-S-38-M 48x2-z-SC

TE - T - EINSCHRAUB - VERSCHRAUBUNGEN

TE - MALE - STUD - BRANCH - TEE - COUPLINGS

T-Einschraubverschraubungsstutzen
L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Stud Branch Tee Bodies
L- and S-Series
Thread: Metric - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**	
160	22	M 26 x 1,5 zyl	27,5	26,0	35,0	16,0	27	TE-L-22-M 26x1,5-z-OMD
160	28	M 33 x 2 zyl	30,5	30,0	38,0	18,0	36	TE-L-28-M 33x2-z-OMD
160	35	M 42 x 2 zyl	34,5	34,0	45,0	20,0	41	TE-L-35-M 42x2-z-OMD
160	42	M 48 x 2 zyl	40,0	39,0	51,0	22,0	50	TE-L-42-M 48x2-z-OMD

Reihe / Series S

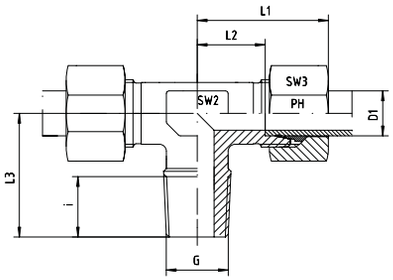
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**	
400	20	M 27 x 2 zyl	26,5	26,0	37,0	16,0	27	TE-S-20-M 27x2-z-OMD
250	25	M 33 x 2 zyl	30,0	30,0	42,0	18,0	36	TE-S-25-M 33x2-z-OMD
160	30	M 42 x 2 zyl	35,5	34,0	49,0	20,0	41	TE-S-30-M 42x2-z-OMD
160	38	M 48 x 2 zyl	41,0	39,0	57,0	22,0	50	TE-S-38-M 48x2-z-OMD

TE - T - EINSCHRAUB - VERSCHRAUBUNGEN

TE - MALE - STUD - BRANCH - TEE - COUPLINGS

T-Einschraubverschraubungen
LL-, L- und S-Reihe
Einschraubgewinde: NPT

Stud Branch Tees
LL-, L- and S-Series
Thread: NPT



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
100	4	1/8“ NPT	21,0	11,0	17,0	10,0	9	10	TE-LL-04-1/8“-NPT
100	6	1/8“ NPT	21,0	9,5	17,0	10,0	9	12	TE-LL-06-1/8“-NPT
100	8	1/8“ NPT	23,0	11,5	20,0	10,0	12	14	TE-LL-08-1/8“-NPT

Reihe / Series L

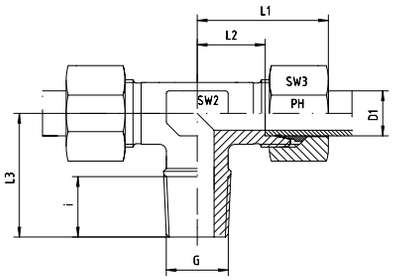
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
315	6	1/8“ NPT	27,0	12,0	20,0	10,0	12	14	TE-L-06-1/8“-NPT
315	6	1/4“ NPT	27,0	12,0	25,0	15,0	12	14	TE-L-06-1/4“-NPT
315	8	1/4“ NPT	29,0	14,0	26,0	15,0	12	17	TE-L-08-1/4“-NPT
315	10	1/4“ NPT	30,0	15,0	27,0	15,0	14	19	TE-L-10-1/4“-NPT
315	10	3/8“ NPT	30,0	15,0	27,5	15,3	14	19	TE-L-10-3/8“-NPT
315	10	1/2“ NPT	37,0	21,0	33,0	20,0	17	19	TE-L-10-1/2“-NPT
315	12	1/4“ NPT	32,0	17,0	28,0	15,0	17	22	TE-L-12-1/4“-NPT
315	12	3/8“ NPT	32,0	17,0	28,0	15,3	17	22	TE-L-12-3/8“-NPT
315	12	1/2“ NPT	36,0	21,0	34,0	20,0	17	22	TE-L-12-1/2“-NPT
315	15	3/8“ NPT	36,0	21,0	34,0	15,3	19	27	TE-L-15-3/8“-NPT
315	15	1/2“ NPT	36,0	21,0	34,0	20,0	19	27	TE-L-15-1/2“-NPT
315	18	1/2“ NPT	40,0	23,5	36,0	20,0	24	32	TE-L-18-1/2“-NPT
160	22	3/4“ NPT	44,0	27,5	42,0	20,0	27	36	TE-L-22-3/4“-NPT
160	28	1“ NPT	47,0	30,5	48,0	25,0	36	41	TE-L-28-1“-NPT
160	35	1 1/4“ NPT	56,0	34,5	54,0	25,5	41	50	TE-L-35-1 1/4“-NPT
160	42	1 1/2“ NPT	63,0	40,0	61,0	26,0	50	60	TE-L-42-1 1/2“-NPT

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
630	6	1/4“ NPT	31,0	16,0	26,0	15,0	12	17	TE-S-06-1/4“-NPT
630	8	1/4“ NPT	32,0	17,0	27,0	15,0	14	19	TE-S-08-1/4“-NPT
630	10	1/4“ NPT	34,0	17,5	28,0	15,0	17	22	TE-S-10-1/4“-NPT
630	10	3/8“ NPT	34,0	17,5	28,0	15,3	17	22	TE-S-10-3/8“-NPT
630	10	1/2“ NPT				20,0	17	22	TE-S-10-1/2“-NPT
630	12	1/4“ NPT	38,0	21,5	29,0	15,0	17	24	TE-S-12-1/4“-NPT
630	12	3/8“ NPT	38,0	21,5	28,0	15,3	17	24	TE-S-12-3/8“-NPT
630	12	1/2“ NPT	39,0	21,5	34,0	20,0	19	24	TE-S-12-1/2“-NPT
630	14	1/2“ NPT	40,0	22,0	34,0	20,0	19	27	TE-S-14-1/2“-NPT
400	16	1/2“ NPT	43,0	24,5	36,0	20,0	24	30	TE-S-16-1/2“-NPT
400	20	3/4“ NPT	48,0	26,5	42,0	20,0	27	36	TE-S-20-3/4“-NPT
400	25	1“ NPT	54,0	30,0	48,0	25,0	36	46	TE-S-25-1“-NPT
400	30	1 1/4“ NPT	62,0	35,5	54,0	25,5	41	50	TE-S-30-1 1/4“-NPT
315	38	1 1/2“ NPT	72,0	41,0	61,0	26,0	50	60	TE-S-38-1 1/2“-NPT

T-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde: NPT

Stud Branch Tees
L- and S-Series
Thread: NPT



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
315	6	1/8“ NPT	27,0	12,0	20,0	10,0	12	14	TE-L-06-1/8“-NPT-SC
315	6	1/4“ NPT	27,0	12,0	25,0	15,0	12	14	TE-L-06-1/4“-NPT-SC
315	8	1/4“ NPT	29,0	14,0	26,0	15,0	12	17	TE-L-08-1/4“-NPT-SC
315	10	1/4“ NPT	30,0	15,0	27,0	15,0	14	19	TE-L-10-1/4“-NPT-SC
315	10	3/8“ NPT	30,0	15,0	27,5	15,3	14	19	TE-L-10-3/8“-NPT-SC
315	10	1/2“ NPT	37,0	21,0	33,0	20,0	17	19	TE-L-10-1/2“-NPT-SC
315	12	1/4“ NPT	32,0	17,0	28,0	15,0	17	22	TE-L-12-1/4“-NPT-SC
315	12	3/8“ NPT	32,0	17,0	28,0	15,3	17	22	TE-L-12-3/8“-NPT-SC
315	12	1/2“ NPT	36,0	21,0	34,0	20,0	17	22	TE-L-12-1/2“-NPT-SC
315	15	3/8“ NPT	36,0	21,0	34,0	15,3	19	27	TE-L-15-3/8“-NPT-SC
315	15	1/2“ NPT	36,0	21,0	34,0	20,0	19	27	TE-L-15-1/2“-NPT-SC
315	18	1/2“ NPT	40,0	23,5	36,0	20,0	24	32	TE-L-18-1/2“-NPT-SC
160	22	3/4“ NPT	44,0	27,5	42,0	20,0	27	36	TE-L-22-3/4“-NPT-SC
160	28	1“ NPT	47,0	30,5	48,0	25,0	36	41	TE-L-28-1“-NPT-SC
160	35	1 1/4“ NPT	56,0	34,5	54,0	25,5	41	50	TE-L-35-1 1/4“-NPT-SC
160	42	1 1/2“ NPT	63,0	40,0	61,0	26,0	50	60	TE-L-42-1 1/2“-NPT-SC

Reihe / Series S

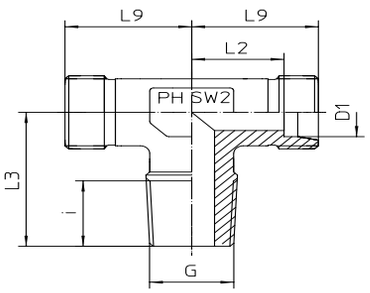
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
630	6	1/4“ NPT	31,0	16,0	26,0	15,0	12	17	TE-S-06-1/4“-NPT-SC
630	8	1/4“ NPT	32,0	17,0	27,0	15,0	14	19	TE-S-08-1/4“-NPT-SC
630	10	1/4“ NPT	34,0	17,5	28,0	15,0	17	22	TE-S-10-1/4“-NPT-SC
630	10	3/8“ NPT	34,0	17,5	28,0	15,3	17	22	TE-S-10-3/8“-NPT-SC
630	10	1/2“ NPT				20,0	17	22	TE-S-10-1/2“-NPT-SC
630	12	1/4“ NPT	38,0	21,5	29,0	15,0	17	24	TE-S-12-1/4“-NPT-SC
630	12	3/8“ NPT	38,0	21,5	28,0	15,3	17	24	TE-S-12-3/8“-NPT-SC
630	12	1/2“ NPT	39,0	21,5	34,0	20,0	19	24	TE-S-12-1/2“-NPT-SC
630	14	1/2“ NPT	40,0	22,0	34,0	20,0	19	27	TE-S-14-1/2“-NPT-SC
400	16	1/2“ NPT	43,0	24,5	36,0	20,0	24	30	TE-S-16-1/2“-NPT-SC
400	20	3/4“ NPT	48,0	26,5	42,0	20,0	27	36	TE-S-20-3/4“-NPT-SC
400	25	1“ NPT	54,0	30,0	48,0	25,0	36	46	TE-S-25-1“-NPT-SC
400	30	1 1/4“ NPT	62,0	35,5	54,0	25,5	41	50	TE-S-30-1 1/4“-NPT-SC
315	38	1 1/2“ NPT	72,0	41,0	61,0	26,0	50	60	TE-S-38-1 1/2“-NPT-SC

TE - T - EINSCHRAUB - VERSCHRAUBUNGEN

TE - MALE - STUD - BRANCH - TEE - COUPLINGS

T-Einschraubverschraubungsstutzen
LL-, L- und S-Reihe
Einschraubgewinde: NPT

Stud Branch Tee Bodies
LL-, L- and S-Series
Thread: NPT



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**		
100	4	1/8“ NPT	11,0	17,0	15,0	10,0	9		TE-LL-04-1/8“-NPT-OMD
100	6	1/8“ NPT	9,5	17,0	15,0	10,0	9		TE-LL-06-1/8“-NPT-OMD
100	8	1/8“ NPT	11,5	20,0	17,0	10,0	12		TE-LL-08-1/8“-NPT-OMD

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**		
315	6	1/8“ NPT	12,0	20,0	19,0	10,0	12		TE-L-06-1/8“-NPT-OMD
315	6	1/4“ NPT	12,0	25,0	19,0	15,0	12		TE-L-06-1/4“-NPT-OMD
315	8	1/4“ NPT	14,0	26,0	21,0	15,0	12		TE-L-08-1/4“-NPT-OMD
315	10	1/4“ NPT	15,0	27,0	22,0	15,0	14		TE-L-10-1/4“-NPT-OMD
315	10	3/8“ NPT	15,0	28,0	22,0	15,3	14		TE-L-10-3/8“-NPT-OMD
315	10	1/2“ NPT	21,0	32,5	28,0	20,0	17		TE-L-10-1/2“-NPT-OMD
315	12	1/4“ NPT	17,0	28,0	24,0	15,0	17		TE-L-12-1/4“-NPT-OMD
315	12	3/8“ NPT	17,0	28,0	24,0	15,3	17		TE-L-12-3/8“-NPT-OMD
315	12	1/2“ NPT	21,0	32,5	27,5	20,0	17		TE-L-12-1/2“-NPT-OMD
315	15	3/8“ NPT	21,0	32,0	28,0	15,3	19		TE-L-15-3/8“-NPT-OMD
315	15	1/2“ NPT	21,0	34,0	28,0	20,0	19		TE-L-15-1/2“-NPT-OMD
315	18	1/2“ NPT	23,5	36,0	31,0	20,0	24		TE-L-18-1/2“-NPT-OMD
160	22	3/4“ NPT	27,5	42,0	35,0	20,0	27		TE-L-22-3/4“-NPT-OMD
160	28	1“ NPT	30,5	48,0	38,0	25,0	36		TE-L-28-1“-NPT-OMD
160	35	1 1/4“ NPT	34,5	54,0	45,0	25,5	41		TE-L-35-1 1/4“-NPT-OMD
160	42	1 1/2“ NPT	40,0	61,0	51,0	26,0	50		TE-L-42-1 1/2“-NPT-OMD

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**		
630	6	1/4“ NPT	16,0	26,0	23,0	15,0	12		TE-S-06-1/4“-NPT-OMD
630	8	1/4“ NPT	17,0	27,0	24,0	15,0	14		TE-S-08-1/4“-NPT-OMD
630	10	1/4“ NPT	17,5	28,0	25,0	15,0	17		TE-S-10-1/4“-NPT-OMD
630	10	3/8“ NPT	17,5	28,0	25,0	15,3	17		TE-S-10-3/8“-NPT-OMD
630	10	1/2“ NPT			25,0	20,0	17		TE-S-10-1/2“-NPT-OMD
630	12	1/4“ NPT	21,5	29,0	29,0	15,0	17		TE-S-12-1/4“-NPT-OMD
630	12	3/8“ NPT	21,5	28,0	29,0	15,3	17		TE-S-12-3/8“-NPT-OMD
630	12	1/2“ NPT	21,5	32,5	29,0	20,0	17		TE-S-12-1/2“-NPT-OMD
630	14	1/2“ NPT	22,0	34,0	30,0	20,0	19		TE-S-14-1/2“-NPT-OMD
400	16	1/2“ NPT	24,5	36,0	33,0	20,0	24		TE-S-16-1/2“-NPT-OMD
400	20	3/4“ NPT	26,5	42,0	37,0	20,0	27		TE-S-20-3/4“-NPT-OMD
400	25	1“ NPT	30,0	48,0	42,0	25,0	36		TE-S-25-1“-NPT-OMD
400	30	1 1/4“ NPT	35,5	54,0	49,0	25,5	41		TE-S-30-1 1/4“-NPT-OMD
315	38	1 1/2“ NPT	41,0	61,0	57,0	26,0	50		TE-S-38-1 1/2“-NPT-OMD

LE - L - EINSCHRAUB - VERSCHRAUBUNGEN

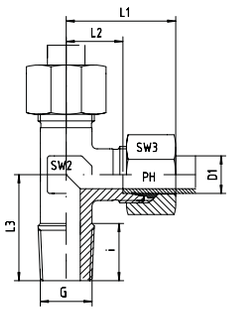
LE - MALE - STUD - RUN - TEE - COUPLINGS

L-Einschraubverschraubungen
LL-, L- und S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig

** Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.

Stud Barrel Tees
LL-, L- and S-Series
Thread: BSP - Taper

** The pressure rates are only valid, if the female parts are with tapered threads, too.



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
100	4	R 1/8“ keg	21,0	11,0	17,0	8,0	9	10	LE-LL-04-R 1/8“-k
100	6	R 1/8“ keg	21,0	9,5	17,0	8,0	9	12	LE-LL-06-R 1/8“-k
100	8	R 1/8“ keg	23,0	11,5	20,0	8,0	12	14	LE-LL-08-R 1/8“-k

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
315	6	R 1/8“ keg	27,0	12,0	20,0	8,0	12	14	LE-L-06-R 1/8“-k
315	6	R 1/4“ keg	27,0	12,0	26,0	12,0	12	14	LE-L-06-R 1/4“-k
315	8	R 1/4“ keg	29,0	14,0	26,0	12,0	12	17	LE-L-08-R 1/4“-k
315	8	R 3/8“ keg	32,0	15,0	28,0	12,0	14	17	LE-L-08-R 3/8“-k
315	10	R 1/8“ keg				8,0	14	19	LE-L-10-R 1/8“-k
315	10	R 1/4“ keg	30,0	15,0	27,0	12,0	14	19	LE-L-10-R 1/4“-k
315	10	R 3/8“ keg	30,0	15,0	28,0	12,0	14	19	LE-L-10-R 3/8“-k
315	10	R 1/2“ keg				14,0	17	19	LE-L-10-R 1/2“-k
315	12	R 1/4“ keg	32,0	17,5	28,0	12,0	17	22	LE-L-12-R 1/4“-k
315	12	R 3/8“ keg	32,0	17,5	28,0	12,0	17	22	LE-L-12-R 3/8“-k
315	12	R 1/2“ keg				14,0	17	22	LE-L-12-R 1/2“-k
315	15	R 3/8“ keg	36,0	21,0	32,0	12,0	19	27	LE-L-15-R 3/8“-k
315	15	R 1/2“ keg	36,0	21,0	34,0	14,0	19	27	LE-L-15-R 1/2“-k
315	18	R 1/2“ keg	40,0	23,5	36,0	14,0	24	32	LE-L-18-R 1/2“-k

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
630 **	6	R 1/4“ keg	31,0	16,5	26,0	12,0	12	17	LE-S-06-R 1/4“-k
630 **	8	R 1/4“ keg	32,0	17,0	27,0	12,0	14	19	LE-S-08-R 1/4“-k
630 **	10	R 3/8“ keg	34,0	17,5	28,0	12,0	17	22	LE-S-10-R 3/8“-k
630 **	12	R 3/8“ keg	38,0	21,5	28,0	12,0	17	24	LE-S-12-R 3/8“-k
630 **	12	R 1/2“ keg	38,0	21,5	33,0	14,0	19	24	LE-S-12-R 1/2“-k
630 **	14	R 1/2“ keg	40,0	22,0	32,0	14,0	19	27	LE-S-14-R 1/2“-k
400 **	16	R 1/2“ keg	43,0	24,5	32,0	14,0	24	30	LE-S-16-R 1/2“-k

LE - L - EINSCHRAUB - VERSCHRAUBUNGEN

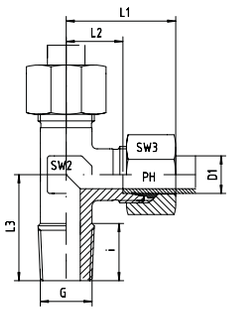
LE - MALE - STUD - RUN - TEE - COUPLINGS

L-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig

** Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.

Stud Barrel Tees
L- and S-Series
Thread: BSP - Taper

** The pressure rates are only valid, if the female parts are with tapered threads, too.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
315	6	R 1/8“ keg	27,0	12,0	20,0	8,0	12	14	LE-L-06-R 1/8“-k-SC
315	6	R 1/4“ keg	27,0	12,0	26,0	12,0	12	14	LE-L-06-R 1/4“-k-SC
315	8	R 1/4“ keg	29,0	14,0	26,0	12,0	12	17	LE-L-08-R 1/4“-k-SC
315	8	R 3/8“ keg	32,0	15,0	28,0	12,0	14	17	LE-L-08-R 3/8“-k-SC
315	10	R 1/8“ keg				8,0	14	19	LE-L-10-R 1/8“-k-SC
315	10	R 1/4“ keg	30,0	15,0	27,0	12,0	14	19	LE-L-10-R 1/4“-k-SC
315	10	R 3/8“ keg	30,0	15,0	28,0	12,0	14	19	LE-L-10-R 3/8“-k-SC
315	10	R 1/2“ keg				14,0	17	19	LE-L-10-R 1/2“-k-SC
315	12	R 1/4“ keg	32,0	17,5	28,0	12,0	17	22	LE-L-12-R 1/4“-k-SC
315	12	R 3/8“ keg	32,0	17,5	28,0	12,0	17	22	LE-L-12-R 3/8“-k-SC
315	12	R 1/2“ keg				14,0	17	22	LE-L-12-R 1/2“-k-SC
315	15	R 3/8“ keg	36,0	21,0	32,0	12,0	19	27	LE-L-15-R 3/8“-k-SC
315	15	R 1/2“ keg	36,0	21,0	34,0	14,0	19	27	LE-L-15-R 1/2“-k-SC
315	18	R 1/2“ keg	40,0	23,5	36,0	14,0	24	32	LE-L-18-R 1/2“-k-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
630 **	6	R 1/4“ keg	31,0	16,5	26,0	12,0	12	17	LE-S-06-R 1/4“-k-SC
630 **	8	R 1/4“ keg	32,0	17,0	27,0	12,0	14	19	LE-S-08-R 1/4“-k-SC
630 **	10	R 3/8“ keg	34,0	17,5	28,0	12,0	17	22	LE-S-10-R 3/8“-k-SC
630 **	12	R 3/8“ keg	38,0	21,5	28,0	12,0	17	24	LE-S-12-R 3/8“-k-SC
630 **	12	R 1/2“ keg	38,0	21,5	33,0	14,0	19	24	LE-S-12-R 1/2“-k-SC
630 **	14	R 1/2“ keg	40,0	22,0	32,0	14,0	19	27	LE-S-14-R 1/2“-k-SC
400 **	16	R 1/2“ keg	43,0	24,5	32,0	14,0	24	30	LE-S-16-R 1/2“-k-SC

LE - L - EINSCHRAUB - VERSCHRAUBUNGEN

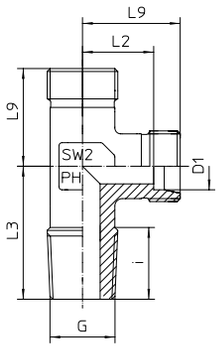
LE - MALE - STUD - RUN - TEE - COUPLINGS

L-Einschraubverschraubungsstutzen
LL-, L- und S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Kegelig

** Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.

Stud Barrel Tee Bodies
LL-, L- and S-Series
Thread: BSP - Taper

** The pressure rates are only valid, if the female parts are with tapered threads, too.



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L3	L9	i	SW2		
100	4	R 1/8“ keg	11,0	17,0	15,0	8,0	9		LE-LL-04-R 1/8“-k-OMD
100	6	R 1/8“ keg	9,5	17,0	15,0	8,0	9		LE-LL-06-R 1/8“-k-OMD
100	8	R 1/8“ keg	11,5	20,0	17,0	8,0	12		LE-LL-08-R 1/8“-k-OMD

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L3	L9	i	SW2		
315	6	R 1/8“ keg	12,0	20,0	19,0	8,0	12		LE-L-06-R 1/8“-k-OMD
315	6	R 1/4“ keg	12,0	26,0	19,0	12,0	12		LE-L-06-R 1/4“-k-OMD
315	8	R 1/4“ keg	14,0	26,0	21,0	12,0	12		LE-L-08-R 1/4“-k-OMD
315	8	R 3/8“ keg	17,0	28,0	22,0	12,0	14		LE-L-08-R 3/8“-k-OMD
315	10	R 1/8“ keg				8,0	14		LE-L-10-R 1/8“-k-OMD
315	10	R 1/4“ keg	15,0	27,0	22,0	12,0	14		LE-L-10-R 1/4“-k-OMD
315	10	R 3/8“ keg	15,0	28,0	22,0	12,0	14		LE-L-10-R 3/8“-k-OMD
315	10	R 1/2“ keg				14,0	17		LE-L-10-R 1/2“-k-OMD
315	12	R 1/4“ keg	17,5	28,0	24,0	12,0	17		LE-L-12-R 1/4“-k-OMD
315	12	R 3/8“ keg	17,5	28,0	24,0	12,0	17		LE-L-12-R 3/8“-k-OMD
315	12	R 1/2“ keg				14,0	17		LE-L-12-R 1/2“-k-OMD
315	15	R 3/8“ keg	21,0	32,0	28,0	12,0	19		LE-L-15-R 3/8“-k-OMD
315	15	R 1/2“ keg	21,0	34,0	28,0	14,0	19		LE-L-15-R 1/2“-k-OMD
315	18	R 1/2“ keg	23,5	36,0		14,0	24		LE-L-18-R 1/2“-k-OMD

Reihe / Series S

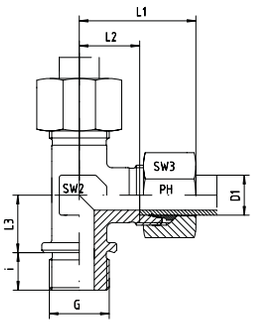
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L3	L9	i	SW2		
630 **	6	R 1/4“ keg	16,5	26,0	23,0	12,0	12		LE-S-06-R 1/4“-k-OMD
630 **	8	R 1/4“ keg	17,0	27,0	24,0	12,0	14		LE-S-08-R 1/4“-k-OMD
630 **	10	R 3/8“ keg	17,5	28,0	25,0	12,0	17		LE-S-10-R 3/8“-k-OMD
630 **	12	R 3/8“ keg	21,5	28,0	29,0	12,0	17		LE-S-12-R 3/8“-k-OMD
630 **	12	R 1/2“ keg	21,5	33,0		14,0	19		LE-S-12-R 1/2“-k-OMD
630 **	14	R 1/2“ keg	22,0	32,0		14,0	19		LE-S-14-R 1/2“-k-OMD
400 **	16	R 1/2“ keg	24,5	32,0		14,0	24		LE-S-16-R 1/2“-k-OMD

LE - L - EINSCHRAUB - VERSCHRAUBUNGEN

LE - MALE - STUD - RUN - TEE - COUPLINGS

L-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Stud Barrel Tees
L- and S-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

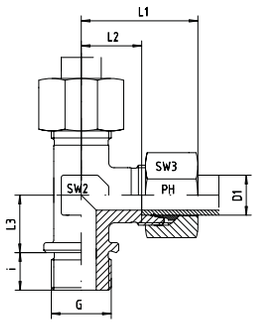
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
160	22	G 3/4“ zyl	44,0	27,5	26,0	16,0	27	36	LE-L-22-R 3/4“-z
160	28	G 1“ zyl	47,0	30,5	30,0	18,0	36	41	LE-L-28-R 1“-z
160	35	G 1 1/4“ zyl	56,0	34,5	34,0	20,0	41	50	LE-L-35-R 1 1/4“-z
160	42	G 1 1/2“ zyl	63,0	40,0	39,0	22,0	50	60	LE-L-42-R 1 1/2“-z

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
400	20	G 3/4“ zyl	48,0	26,5	26,0	16,0	27	36	LE-S-20-R 3/4“-z
250	25	G 1“ zyl	54,0	30,0	30,0	18,0	36	46	LE-S-25-R 1“-z
160	30	G 1 1/4“ zyl	62,0	35,5	34,0	20,0	41	50	LE-S-30-R 1 1/4“-z
160	38	G 1 1/2“ zyl	72,0	41,0	39,0	22,0	50	60	LE-S-38-R 1 1/2“-z

L-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Stud Barrel Tees
L- and S-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
160	22	G 3/4“ zyl	44,0	27,5	26,0	16,0	27	36	LE-L-22-R 3/4“-z-SC
160	28	G 1“ zyl	47,0	30,5	30,0	18,0	36	41	LE-L-28-R 1“-z-SC
160	35	G 1 1/4“ zyl	56,0	34,5	34,0	20,0	41	50	LE-L-35-R 1 1/4“-z-SC
160	42	G 1 1/2“ zyl	63,0	40,0	39,0	22,0	50	60	LE-L-42-R 1 1/2“-z-SC

Reihe / Series S

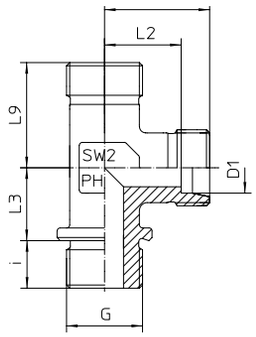
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
400	20	G 3/4“ zyl	48,0	26,5	26,0	16,0	27	36	LE-S-20-R 3/4“-z-SC
250	25	G 1“ zyl	54,0	30,0	30,0	18,0	36	46	LE-S-25-R 1“-z-SC
160	30	G 1 1/4“ zyl	62,0	35,5	34,0	20,0	41	50	LE-S-30-R 1 1/4“-z-SC
160	38	G 1 1/2“ zyl	72,0	41,0	39,0	22,0	50	60	LE-S-38-R 1 1/2“-z-SC

LE - L - EINSCHRAUB - VERSCHRAUBUNGEN

LE - MALE - STUD - RUN - TEE - COUPLINGS

L-Einschraubverschraubungsstutzen
L- und S-Reihe
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Stud Barrel Tee Bodies
L- and S-Series
Thread: BSP - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**	
160	22	G 3/4“ zyl	27,5	26,0	35,0	16,0	27	LE-L-22-R 3/4“-z-OMD
160	28	G 1“ zyl	30,5	30,0	38,0	18,0	36	LE-L-28-R 1“-z-OMD
160	35	G 1 1/4“ zyl	34,5	34,0	45,0	20,0	41	LE-L-35-R 1 1/4“-z-OMD
160	42	G 1 1/2“ zyl	40,0	39,0	51,0	22,0	50	LE-L-42-R 1 1/2“-z-OMD

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**	
400	20	G 3/4“ zyl	26,5	26,0	37,0	16,0	27	LE-S-20-R 3/4“-z-OMD
250	25	G 1“ zyl	30,0	30,0	42,0	18,0	36	LE-S-25-R 1“-z-OMD
160	30	G 1 1/4“ zyl	35,5	34,0	49,0	20,0	41	LE-S-30-R 1 1/4“-z-OMD
160	38	G 1 1/2“ zyl	41,0	39,0	57,0	22,0	50	LE-S-38-R 1 1/2“-z-OMD

LE - L - EINSCHRAUB - VERSCHRAUBUNGEN

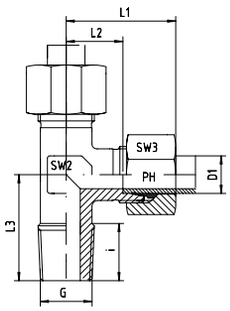
LE - MALE - STUD - RUN - TEE - COUPLINGS

L-Einschraubverschraubungen
LL-, L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Kegelig

** Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.

Stud Barrel Tees
LL-, L- and S-Series
Thread: Metric - Taper

** The pressure rates are only valid, if the female parts are with tapered threads, too.



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
100	4	M 6 x 1 keg	21,0	11,0	17,0	8,0	9	10	LE-LL-04-M 6x1-k
100	4	M 8 x 1 keg	21,0	11,0	17,0	8,0	9	10	LE-LL-04-M 8x1-k
100	6	M 6 x 1 keg				8,0	9	12	LE-LL-06-M 6x1-k
100	6	M 8 x 1 keg				8,0	9	12	LE-LL-06-M 8x1-k
100	6	M 10 x 1 keg	21,0	9,5	17,0	8,0	9	12	LE-LL-06-M 10x1-k
100	8	M 8 x 1 keg				8,0	12	14	LE-LL-08-M 8x1-k
100	8	M 10 x 1 keg	23,0	11,5	20,0	8,0	12	14	LE-LL-08-M 10x1-k

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
315	6	M 10 x 1 keg	27,0	12,0	20,0	8,0	12	14	LE-L-06-M 10x1-k
315	8	M 12 x 1,5 keg	29,0	14,0	26,0	12,0	12	17	LE-L-08-M 12x1,5-k
315	10	M 14 x 1,5 keg	30,0	15,0	27,0	12,0	14	19	LE-L-10-M 14x1,5-k
315	12	M 16 x 1,5 keg	32,0	17,0	28,0	12,0	17	22	LE-L-12-M 16x1,5-k
315	15	M 18 x 1,5 keg	36,0	21,0	32,0	12,0	19	27	LE-L-15-M 18x1,5-k
315	18	M 22 x 1,5 keg	40,0	23,0	36,0	14,0	24	32	LE-L-18-M 22x1,5-k

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
630 **	6	M 12 x 1,5 keg	31,0	16,0	26,0	12,0	12	17	LE-S-06-M 12x1,5-k
630 **	8	M 14 x 1,5 keg	32,0	17,0	27,0	12,0	14	19	LE-S-08-M 14x1,5-k
630 **	10	M 16 x 1,5 keg	34,0	17,5	28,0	12,0	17	22	LE-S-10-M 16x1,5-k
630 **	12	M 18 x 1,5 keg	38,0	21,5	28,0	12,0	17	24	LE-S-12-M 18x1,5-k
630 **	14	M 20 x 1,5 keg	40,0	22,0	34,0	14,0	19	27	LE-S-14-M 20x1,5-k
400 **	16	M 22 x 1,5 keg	43,0	24,5	32,0	14,0	24	30	LE-S-16-M 22x1,5-k

LE - L - EINSCHRAUB - VERSCHRAUBUNGEN

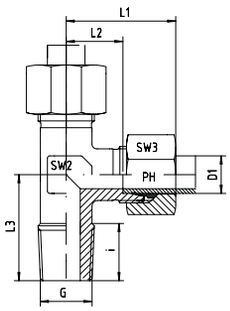
LE - MALE - STUD - RUN - TEE - COUPLINGS

L-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Kegelig

** Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.

Stud Barrel Tees
L- and S-Series
Thread: Metric - Taper

** The pressure rates are only valid, if the female parts are with tapered threads, too.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
315	6	M 10 x 1 keg	27,0	12,0	20,0	8,0	12	14	LE-L-06-M 10x1-k-SC
315	8	M 12 x 1,5 keg	29,0	14,0	26,0	12,0	12	17	LE-L-08-M 12x1,5-k-SC
315	10	M 14 x 1,5 keg	30,0	15,0	27,0	12,0	14	19	LE-L-10-M 14x1,5-k-SC
315	12	M 16 x 1,5 keg	32,0	17,0	28,0	12,0	17	22	LE-L-12-M 16x1,5-k-SC
315	15	M 18 x 1,5 keg	36,0	21,0	32,0	12,0	19	27	LE-L-15-M 18x1,5-k-SC
315	18	M 22 x 1,5 keg	40,0	23,0	36,0	14,0	24	32	LE-L-18-M 22x1,5-k-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
630 **	6	M 12 x 1,5 keg	31,0	16,0	26,0	12,0	12	17	LE-S-06-M 12x1,5-k-SC
630 **	8	M 14 x 1,5 keg	32,0	17,0	27,0	12,0	14	19	LE-S-08-M 14x1,5-k-SC
630 **	10	M 16 x 1,5 keg	34,0	17,5	28,0	12,0	17	22	LE-S-10-M 16x1,5-k-SC
630 **	12	M 18 x 1,5 keg	38,0	21,5	28,0	12,0	17	24	LE-S-12-M 18x1,5-k-SC
630 **	14	M 20 x 1,5 keg	40,0	22,0	34,0	14,0	19	27	LE-S-14-M 20x1,5-k-SC
400 **	16	M 22 x 1,5 keg	43,0	24,5	32,0	14,0	24	30	LE-S-16-M 22x1,5-k-SC

LE - L - EINSCHRAUB - VERSCHRAUBUNGEN

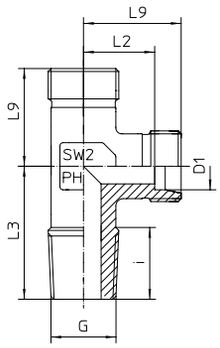
LE - MALE - STUD - RUN - TEE - COUPLINGS

L-Einschraubverschraubungsstutzen
LL-, L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Kegelig

** Die angegebenen Druckstufen sind nur gültig, wenn die Einschraublöcher mit kegeligem Gewinde vorhanden sind.

Stud Barrel Tee Bodies
LL-, L- and S-Series
Thread: Metric - Taper

** The pressure rates are only valid, if the female parts are with tapered threads, too.



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L2	L3	L9	i	SW2	
100	4	M 6 x 1 keg	11,0	17,0		8,0	9	LE-LL-04-M 6x1-k-OMD
100	4	M 8 x 1 keg	11,0	17,0		8,0	9	LE-LL-04-M 8x1-k-OMD
100	6	M 6 x 1 keg				8,0	9	LE-LL-06-M 6x1-k-OMD
100	6	M 8 x 1 keg				8,0	9	LE-LL-06-M 8x1-k-OMD
100	6	M 10 x 1 keg	9,5	17,0	15,0	8,0	9	LE-LL-06-M 10x1-k-OMD
100	8	M 8 x 1 keg				8,0	12	LE-LL-08-M 8x1-k-OMD
100	8	M 10 x 1 keg	11,5	20,0	17,0	8,0	12	LE-LL-08-M 10x1-k-OMD

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L2	L3	L9	i	SW2	
315	6	M 10 x 1 keg	12,0	20,0	19,0	12,0	12	LE-L-06-M 10x1-k-OMD
315	8	M 12 x 1,5 keg	14,0	26,0	21,0	12,0	14	LE-L-08-M 12x1,5-k-OMD
315	10	M 14 x 1,5 keg	15,0	27,0	22,0	12,0	17	LE-L-10-M 14x1,5-k-OMD
315	12	M 16 x 1,5 keg	17,0	28,0	24,0	12,0	17	LE-L-12-M 16x1,5-k-OMD
315	15	M 18 x 1,5 keg	21,0	32,0	28,0	14,0	19	LE-L-15-M 18x1,5-k-OMD
315	18	M 22 x 1,5 keg	23,0	36,0		14,0	24	LE-L-18-M 22x1,5-k-OMD

Reihe / Series S

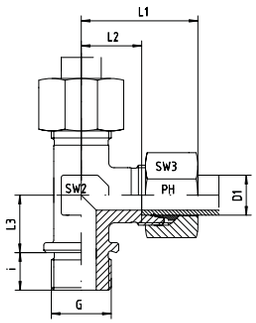
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L2	L3	L9	i	SW2	
630 **	6	M 12 x 1,5 keg	16,0	26,0	23,0	12,0	12	LE-S-06-M 12x1,5-k-OMD
630 **	8	M 14 x 1,5 keg	17,0	27,0	24,0	12,0	14	LE-S-08-M 14x1,5-k-OMD
630 **	10	M 16 x 1,5 keg	17,5	28,0	25,0	12,0	17	LE-S-10-M 16x1,5-k-OMD
630 **	12	M 18 x 1,5 keg	21,5	28,0		12,0	17	LE-S-12-M 18x1,5-k-OMD
630 **	14	M 20 x 1,5 keg	22,0	34,0	30,0	14,0	19	LE-S-14-M 20x1,5-k-OMD
400 **	16	M 22 x 1,5 keg	24,5	32,0		14,0	24	LE-S-16-M 22x1,5-k-OMD

LE - L - EINSCHRAUB - VERSCHRAUBUNGEN

LE - MALE - STUD - RUN - TEE - COUPLINGS

L-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Stud Barrel Tees
L- and S-Series
Thread: Metric - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
160	22	M 26 x 1,5 zyl	44,0	27,5	26,0	16,0	27	36	LE-L-22-M 26x1,5-z
160	28	M 33 x 2 zyl	47,0	30,5	30,0	18,0	36	41	LE-L-28-M 33x2-z
160	35	M 42 x 2 zyl	56,0	34,5	34,0	20,0	41	50	LE-L-35-M 42x2-z
160	42	M 48 x 2 zyl	63,0	40,0	39,0	22,0	50	60	LE-L-42-M 48x2-z

Reihe / Series S

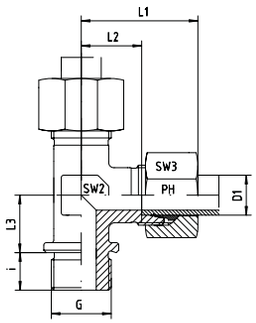
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
400	20	M 27 x 2 zyl	48,0	26,5	26,0	16,0	27	36	LE-S-20-M 27x2-z
250	25	M 33 x 2 zyl	54,0	30,0	30,0	18,0	36	46	LE-S-25-M 33x2-z
160	30	M 42 x 2 zyl	62,0	35,5	34,0	20,0	41	50	LE-S-30-M 42x2-z
160	38	M 48 x 2 zyl	72,0	41,0	39,0	22,0	50	60	LE-S-38-M 48x2-z

LE - L - EINSCHRAUB - VERSCHRAUBUNGEN

LE - MALE - STUD - RUN - TEE - COUPLINGS

L-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Stud Barrel Tees
L- and S-Series
Thread: Metric - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
160	22	M 26 x 1,5 zyl	44,0	27,5	26,0	16,0	27	36	LE-L-22-M 26x1,5-z-SC
160	28	M 33 x 2 zyl	47,0	30,5	30,0	18,0	36	41	LE-L-28-M 33x2-z-SC
160	35	M 42 x 2 zyl	56,0	34,5	34,0	20,0	41	50	LE-L-35-M 42x2-z-SC
160	42	M 48 x 2 zyl	63,0	40,0	39,0	22,0	50	60	LE-L-42-M 48x2-z-SC

Reihe / Series S

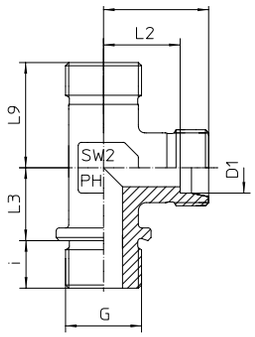
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**i**	**SW2**	**SW3**	
400	20	M 27 x 2 zyl	48,0	26,5	26,0	16,0	27	36	LE-S-20-M 27x2-z-SC
250	25	M 33 x 2 zyl	54,0	30,0	30,0	18,0	36	46	LE-S-25-M 33x2-z-SC
160	30	M 42 x 2 zyl	62,0	35,5	34,0	20,0	41	50	LE-S-30-M 42x2-z-SC
160	38	M 48 x 2 zyl	72,0	41,0	39,0	22,0	50	60	LE-S-38-M 48x2-z-SC

LE - L - EINSCHRAUB - VERSCHRAUBUNGEN

LE - MALE - STUD - RUN - TEE - COUPLINGS

L-Einschraubverschraubungsstutzen
L- und S-Reihe
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B

Stud Barrel Tee Bodies
L- and S-Series
Thread: Metric - Parallel
Sealing by Sealing Shoulder Form B



Reihe / Series L

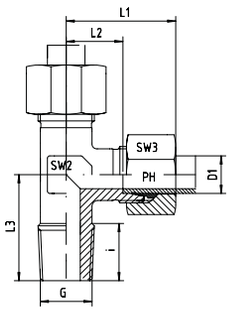
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L2	L3	L9	i	SW2	
160	22	M 26 x 1,5 zyl	27,5	26,0	35,0	16,0	27	LE-L-22-M 26x1,5-z-OMD
160	28	M 33 x 2 zyl	30,5	30,0	38,0	18,0	36	LE-L-28-M 33x2-z-OMD
160	35	M 42 x 2 zyl	34,5	34,0	45,0	20,0	41	LE-L-35-M 42x2-z-OMD
160	42	M 48 x 2 zyl	40,0	39,0	51,0	22,0	50	LE-L-42-M 48x2-z-OMD

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L2	L3	L9	i	SW2	
400	20	M 27 x 2 zyl	26,5	26,0	37,0	16,0	27	LE-S-20-M 27x2-z-OMD
250	25	M 33 x 2 zyl	30,0	30,0	42,0	18,0	36	LE-S-25-M 33x2-z-OMD
160	30	M 42 x 2 zyl	35,5	34,0	49,0	20,0	41	LE-S-30-M 42x2-z-OMD
160	38	M 48 x 2 zyl	41,0	39,0	57,0	22,0	50	LE-S-38-M 48x2-z-OMD

L-Einschraubverschraubungen
LL-, L- und S-Reihe
Einschraubgewinde: NPT

Stud Barrel Tees
LL-, L- and S-Series
Thread: NPT



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
100	4	1/8“ NPT	21,0	11,0	17,0	10,0	9	10	LE-LL-04-1/8“-NPT
100	6	1/8“ NPT	21,0	9,5	17,0	10,0	9	14	LE-LL-06-1/8“-NPT
100	8	1/8“ NPT	23,0	11,5	20,0	10,0	12	17	LE-LL-08-1/8“-NPT

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
315	6	1/8“ NPT	27,0	12,0	20,0	10,0	12	14	LE-L-06-1/8“-NPT
315	6	1/4“ NPT	29,0	14,0	26,0	15,0	12	14	LE-L-06-1/4“-NPT
315	8	1/4“ NPT	29,0	14,0	26,0	15,0	12	17	LE-L-08-1/4“-NPT
315	10	1/4“ NPT	30,0	15,0	27,0	15,0	14	19	LE-L-10-1/4“-NPT
315	10	3/8“ NPT	30,0	15,0	28,0	15,3	14	19	LE-L-10-3/8“-NPT
315	10	1/2“ NPT				20,0	17	19	LE-L-10-1/2“-NPT
315	12	1/4“ NPT	32,0	17,0	28,0	15,0	17	22	LE-L-12-1/4“-NPT
315	12	3/8“ NPT	32,0	17,0	28,0	15,3	17	22	LE-L-12-3/8“-NPT
315	12	1/2“ NPT				20,0	17	22	LE-L-12-1/2“-NPT
315	15	3/8“ NPT	36,0	21,0	32,0	15,3	19	27	LE-L-15-3/8“-NPT
315	15	1/2“ NPT	36,0	21,0	34,0	20,0	19	27	LE-L-15-1/2“-NPT
315	18	1/2“ NPT	40,0	23,5	36,0	20,0	24	32	LE-L-18-1/2“-NPT
160	22	3/4“ NPT	44,0	27,5	42,0	20,0	27	36	LE-L-22-3/4“-NPT
160	28	1“ NPT	47,0	30,5	48,0	25,0	36	41	LE-L-28-1“-NPT
160	35	1 1/4“ NPT	56,0	34,5	54,0	25,5	41	50	LE-L-35-1 1/4“-NPT
160	42	1 1/2“ NPT	63,0	40,0	61,0	26,0	50	60	LE-L-42-1 1/2“-NPT

Reihe / Series S

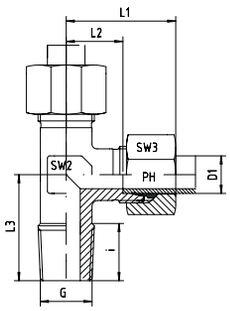
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
630	6	1/4“ NPT	31,0	16,0	26,0	15,0	12	17	LE-S-06-1/4“-NPT
630	8	1/4“ NPT	32,0	17,0	27,0	15,0	14	19	LE-S-08-1/4“-NPT
630	10	1/4“ NPT	34,0	17,5	28,0	15,0	17	22	LE-S-10-1/4“-NPT
630	10	3/8“ NPT	34,0	17,5	28,0	15,3	17	22	LE-S-10-3/8“-NPT
630	10	1/2“ NPT				20,0	17	22	LE-S-10-1/2“-NPT
630	12	1/4“ NPT				15,0	17	24	LE-S-12-1/4“-NPT
630	12	3/8“ NPT	38,0	21,5	28,0	15,3	17	24	LE-S-12-3/8“-NPT
630	12	1/2“ NPT	38,0	21,5	32,5	20,0	17	24	LE-S-12-1/2“-NPT
630	14	1/2“ NPT	40,0	22,0	34,0	20,0	19	27	LE-S-14-1/2“-NPT
400	16	1/2“ NPT	43,0	24,5	36,0	20,0	24	30	LE-S-16-1/2“-NPT
400	20	3/4“ NPT	48,0	26,5	42,0	20,0	27	36	LE-S-20-3/4“-NPT
400	25	1“ NPT	54,0	30,0	48,0	25,0	36	46	LE-S-25-1“-NPT
400	30	1 1/4“ NPT	62,0	35,5	54,0	25,5	41	50	LE-S-30-1 1/4“-NPT
315	38	1 1/2“ NPT	72,0	41,0	61,0	26,0	50	60	LE-S-38-1 1/2“-NPT

LE - L - EINSCHRAUB - VERSCHRAUBUNGEN

LE - MALE - STUD - RUN - TEE - COUPLINGS

L-Einschraubverschraubungen
L- und S-Reihe
Einschraubgewinde: NPT

Stud Barrel Tees
L- and S-Series
Thread: NPT



Reihe / Series L

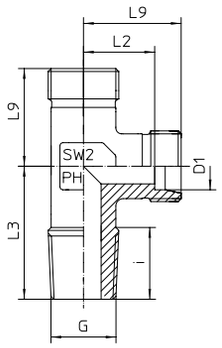
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
315	6	1/8“ NPT	27,0	12,0	20,0	10,0	12	14	LE-L-06-1/8“-NPT-SC
315	6	1/4“ NPT	29,0	14,0	26,0	15,0	12	14	LE-L-06-1/4“-NPT-SC
315	8	1/4“ NPT	29,0	14,0	26,0	15,0	12	17	LE-L-08-1/4“-NPT-SC
315	10	1/4“ NPT	30,0	15,0	27,0	15,0	14	19	LE-L-10-1/4“-NPT-SC
315	10	3/8“ NPT	30,0	15,0	28,0	15,3	14	19	LE-L-10-3/8“-NPT-SC
315	10	1/2“ NPT				20,0	17	19	LE-L-10-1/2“-NPT-SC
315	12	1/4“ NPT	32,0	17,0	28,0	15,0	17	22	LE-L-12-1/4“-NPT-SC
315	12	3/8“ NPT	32,0	17,0	28,0	15,3	17	22	LE-L-12-3/8“-NPT-SC
315	12	1/2“ NPT				20,0	17	22	LE-L-12-1/2“-NPT-SC
315	15	3/8“ NPT	36,0	21,0	32,0	15,3	19	27	LE-L-15-3/8“-NPT-SC
315	15	1/2“ NPT	36,0	21,0	34,0	20,0	19	27	LE-L-15-1/2“-NPT-SC
315	18	1/2“ NPT	40,0	23,5	36,0	20,0	24	32	LE-L-18-1/2“-NPT-SC
160	22	3/4“ NPT	44,0	27,5	42,0	20,0	27	36	LE-L-22-3/4“-NPT-SC
160	28	1“ NPT	47,0	30,5	48,0	25,0	36	41	LE-L-28-1“-NPT-SC
160	35	1 1/4“ NPT	56,0	34,5	54,0	25,5	41	50	LE-L-35-1 1/4“-NPT-SC
160	42	1 1/2“ NPT	63,0	40,0	61,0	26,0	50	60	LE-L-42-1 1/2“-NPT-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	i	SW2	SW3	
630	6	1/4“ NPT	31,0	16,0	26,0	15,0	12	17	LE-S-06-1/4“-NPT-SC
630	8	1/4“ NPT	32,0	17,0	27,0	15,0	14	19	LE-S-08-1/4“-NPT-SC
630	10	1/4“ NPT	34,0	17,5	28,0	15,0	17	22	LE-S-10-1/4“-NPT-SC
630	10	3/8“ NPT	34,0	17,5	28,0	15,3	17	22	LE-S-10-3/8“-NPT-SC
630	10	1/2“ NPT				20,0	17	22	LE-S-10-1/2“-NPT-SC
630	12	1/4“ NPT				15,0	17	24	LE-S-12-1/4“-NPT-SC
630	12	3/8“ NPT	38,0	21,5	28,0	15,3	17	24	LE-S-12-3/8“-NPT-SC
630	12	1/2“ NPT	38,0	21,5	32,5	20,0	17	24	LE-S-12-1/2“-NPT-SC
630	14	1/2“ NPT	40,0	22,0	34,0	20,0	19	27	LE-S-14-1/2“-NPT-SC
400	16	1/2“ NPT	43,0	24,5	36,0	20,0	24	30	LE-S-16-1/2“-NPT-SC
400	20	3/4“ NPT	48,0	26,5	42,0	20,0	27	36	LE-S-20-3/4“-NPT-SC
400	25	1“ NPT	54,0	30,0	48,0	25,0	36	46	LE-S-25-1“-NPT-SC
400	30	1 1/4“ NPT	62,0	35,5	54,0	25,5	41	50	LE-S-30-1 1/4“-NPT-SC
315	38	1 1/2“ NPT	72,0	41,0	61,0	26,0	50	60	LE-S-38-1 1/2“-NPT-SC

L-Einschraubverschraubungsstutzen
LL-, L- und S-Reihe
Einschraubgewinde: NPT

Stud Barrel Tee Bodies
LL-, L- and S-Series
Thread: NPT



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**	
100	4	1/8“ NPT	11,0	17,0	15,0	10,0	9	LE-LL-04-1/8“-NPT-OMD
100	6	1/8“ NPT	9,5	17,0	15,0	10,0	9	LE-LL-06-1/8“-NPT-OMD
100	8	1/8“ NPT	11,5	20,0		10,0	12	LE-LL-08-1/8“-NPT-OMD

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**	
315	6	1/8“ NPT	12,0	20,0	19,0	10,0	12	LE-L-06-1/8“-NPT-OMD
315	6	1/4“ NPT	14,0	26,0		15,0	12	LE-L-06-1/4“-NPT-OMD
315	8	1/4“ NPT	14,0	26,0	21,0	15,0	12	LE-L-08-1/4“-NPT-OMD
315	10	1/4“ NPT	15,0	27,0	22,0	15,0	14	LE-L-10-1/4“-NPT-OMD
315	10	3/8“ NPT	15,0	28,0	22,0	15,3	14	LE-L-10-3/8“-NPT-OMD
315	10	1/2“ NPT				20,0	17	LE-L-10-1/2“-NPT-OMD
315	12	1/4“ NPT	17,0	28,0	24,0	15,0	17	LE-L-12-1/4“-NPT-OMD
315	12	3/8“ NPT	17,0	28,0	24,0	15,3	17	LE-L-12-3/8“-NPT-OMD
315	12	1/2“ NPT				20,0	17	LE-L-12-1/2“-NPT-OMD
315	15	3/8“ NPT	21,0	32,0	28,0	15,3	19	LE-L-15-3/8“-NPT-OMD
315	15	1/2“ NPT	21,0	34,0	28,0	20,0	19	LE-L-15-1/2“-NPT-OMD
315	18	1/2“ NPT	23,5	36,0		20,0	24	LE-L-18-1/2“-NPT-OMD
160	22	3/4“ NPT	27,5	42,0		20,0	27	LE-L-22-3/4“-NPT-OMD
160	28	1“ NPT	30,5	48,0		25,0	36	LE-L-28-1“-NPT-OMD
160	35	1 1/4“ NPT	34,5	54,0		25,5	41	LE-L-35-1 1/4“-NPT-OMD
160	42	1 1/2“ NPT	40,0	61,0		26,0	50	LE-L-42-1 1/2“-NPT-OMD

Reihe / Series S

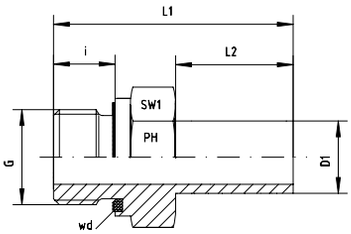
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L9**	**i**	**SW2**	
630	6	1/4“ NPT	16,0	26,0	23,0	15,0	12	LE-S-06-1/4“-NPT-OMD
630	8	1/4“ NPT	17,0	27,0	24,0	15,0	14	LE-S-08-1/4“-NPT-OMD
630	10	1/4“ NPT	17,5	28,0	25,0	15,0	17	LE-S-10-1/4“-NPT-OMD
630	10	3/8“ NPT	17,5	28,0	25,0	15,3	17	LE-S-10-3/8“-NPT-OMD
630	10	1/2“ NPT				20,0	17	LE-S-10-1/2“-NPT-OMD
630	12	1/4“ NPT				15,0	17	LE-S-12-1/4“-NPT-OMD
630	12	3/8“ NPT	21,5	28,0	29,0	15,3	17	LE-S-12-3/8“-NPT-OMD
630	12	1/2“ NPT	21,5	32,5	29,0	20,0	17	LE-S-12-1/2“-NPT-OMD
630	14	1/2“ NPT	22,0	34,0	30,0	20,0	19	LE-S-14-1/2“-NPT-OMD
400	16	1/2“ NPT	24,5	36,0		20,0	24	LE-S-16-1/2“-NPT-OMD
400	20	3/4“ NPT	26,5	42,0		20,0	27	LE-S-20-3/4“-NPT-OMD
400	25	1“ NPT	30,0	48,0		25,0	36	LE-S-25-1“-NPT-OMD
400	30	1 1/4“ NPT	35,5	54,0		25,5	41	LE-S-30-1 1/4“-NPT-OMD
315	38	1 1/2“ NPT	41,0	61,0		26,0	50	LE-S-38-1 1/2“-NPT-OMD

EVGE - GERADE - AUFSTECKSTUTZEN

EVGE -MALE - STUD - STANDPIPE - CONNECTORS

Ohne Vormontage - ov
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Not Pre-Assembled - ov
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

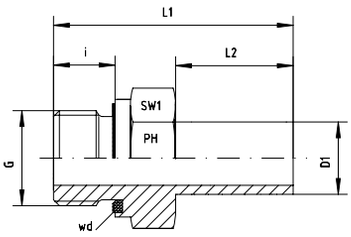
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1		
315	6	G 1/8“	32,5	19,0	8,0	14		EVGE-L-06-G 1/8“-ov-wd
315	6	G 1/4“	39,5	20,5	12,0	19		EVGE-L-06-G 1/4“-ov-wd
315	8	G 1/4“	41,0	20,5	12,0	19		EVGE-L-08-G 1/4“-ov-wd
315	8	G 3/8“	42,5	20,5	12,0	22		EVGE-L-08-G 3/8“-ov-wd
315	10	G 1/4“	39,5	20,5	12,0	19		EVGE-L-10-G 1/4“-ov-wd
315	10	G 3/8“	44,0	21,0	12,0	22		EVGE-L-10-G 3/8“-ov-wd
315	10	G 1/2“	47,0	21,0	14,0	27		EVGE-L-10-G 1/2“-ov-wd
315	12	G 1/4“	42,0	21,5	12,0	19		EVGE-L-12-G 1/4“-ov-wd
315	12	G 3/8“	45,0	22,0	12,0	22		EVGE-L-12-G 3/8“-ov-wd
315	12	G 1/2“	48,5	22,5	14,0	27		EVGE-L-12-G 1/2“-ov-wd
315	15	G 3/8“	45,5	22,5	12,0	22		EVGE-L-15-G 3/8“-ov-wd
315	15	G 1/2“	46,0	23,0	14,0	27		EVGE-L-15-G 1/2“-ov-wd
315	18	G 3/8“	44,0	23,5	12,0	22		EVGE-L-18-G 3/8“-ov-wd
315	18	G 1/2“	47,0	24,0	14,0	27		EVGE-L-18-G 1/2“-ov-wd
160	18	G 3/4“	52,0	24,0	16,0	32		EVGE-L-18-G 3/4“-ov-wd
160	22	G 3/8“	46,0	24,5	12,0	24		EVGE-L-22-G 3/8“-ov-wd
160	22	G 1/2“	50,5	24,5	14,0	27		EVGE-L-22-G 1/2“-ov-wd
160	22	G 3/4“	50,5	24,5	16,0	32		EVGE-L-22-G 3/4“-ov-wd
160	22	G 1“	53,0	24,5	18,0	41		EVGE-L-22-G 1“-ov-wd
160	28	G 3/4“	52,5	25,5	16,0	32		EVGE-L-28-G 3/4“-ov-wd
160	28	G 1“	54,0	25,5	18,0	41		EVGE-L-28-G 1“-ov-wd
160	35	G 1 1/4“	63,5	32,0	20,0	50		EVGE-L-35-G 1 1/4“-ov-wd
160	42	G 1 1/2“	70,0	32,0	22,0	55		EVGE-L-42-G 1 1/2“-ov-wd

EVGE - GERADE - AUFSTECKSTUTZEN

EVGE - MALE - STUD - STANDPIPE - CONNECTORS

Ohne Vormontage - ov
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Not Pre-Assembled - ov
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



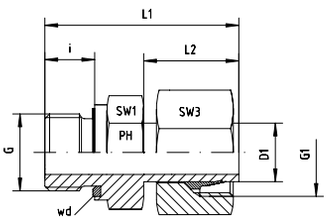
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**		
630	6	G 1/8“	32,5	19,0	8,0	14		EVGE-S-06-G 1/8“-ov-wd
630	6	G 1/4“	39,5	20,5	12,0	19		EVGE-S-06-G 1/4“-ov-wd
630	8	G 1/4“	41,0	20,5	12,0	19		EVGE-S-08-G 1/4“-ov-wd
630	8	G 3/8“	42,5	20,5	12,0	22		EVGE-S-08-G 3/8“-ov-wd
630	10	G 1/4“	39,5	20,5	12,0	19		EVGE-S-10-G 1/4“-ov-wd
630	10	G 3/8“	44,0	21,0	12,0	22		EVGE-S-10-G 3/8“-ov-wd
630	10	G 1/2“	46,5	20,5	14,0	27		EVGE-S-10-G 1/2“-ov-wd
630	12	G 1/4“	42,0	21,5	12,0	19		EVGE-S-12-G 1/4“-ov-wd
630	12	G 3/8“	45,0	22,0	12,0	22		EVGE-S-12-G 3/8“-ov-wd
630	12	G 1/2“	48,5	22,5	14,0	27		EVGE-S-12-G 1/2“-ov-wd
630	14	G 1/2“	51,0	24,5	14,0	27		EVGE-S-14-G 1/2“-ov-wd
400	16	G 3/8“	48,5	26,0	12,0	22		EVGE-S-16-G 3/8“-ov-wd
400	16	G 1/2“	51,0	26,0	14,0	27		EVGE-S-16-G 1/2“-ov-wd
400	16	G 3/4“	54,5	26,0	16,0	32		EVGE-S-16-G 3/4“-ov-wd
400	20	G 1/2“	56,5	29,5	14,0	27		EVGE-S-20-G 1/2“-ov-wd
400	20	G 3/4“	59,0	29,0	16,0	32		EVGE-S-20-G 3/4“-ov-wd
400	25	G 3/4“	63,0	33,0	16,0	32		EVGE-S-25-G 3/4“-ov-wd
400	25	G 1“	66,0	33,0	18,0	41		EVGE-S-25-G 1“-ov-wd
400	30	G 1 1/4“	71,0	34,0	20,0	50		EVGE-S-30-G 1 1/4“-ov-wd
315	38	G 1 1/2“	83,5	40,0	22,0	55		EVGE-S-38-G 1 1/2“-ov-wd

EVGE - GERADE - AUFSTECKSTUTZEN
EVGE - MALE - STUD - STANDPIPE - CONNECTORS

Vormontiert
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich fühlbaren Kraftanstieges.

Pre-Assembled
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

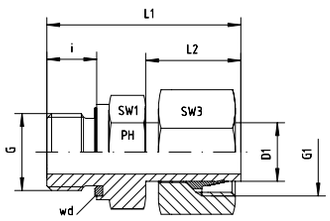
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3	
315	6	G 1/8“	32,5	19,0	8,0	14	14	EVGE-L-06-G 1/8“-wd
315	6	G 1/4“	39,5	20,5	12,0	19	14	EVGE-L-06-G 1/4“-wd
315	8	G 1/4“	41,0	20,5	12,0	19	17	EVGE-L-08-G 1/4“-wd
315	8	G 3/8“	42,5	20,5	12,0	22	17	EVGE-L-08-G 3/8“-wd
315	10	G 1/4“	39,5	20,5	12,0	19	19	EVGE-L-10-G 1/4“-wd
315	10	G 3/8“	44,0	21,0	12,0	22	19	EVGE-L-10-G 3/8“-wd
315	10	G 1/2“	47,0	21,0	14,0	27	19	EVGE-L-10-G 1/2“-wd
315	12	G 1/4“	42,0	21,5	12,0	19	22	EVGE-L-12-G 1/4“-wd
315	12	G 3/8“	45,0	22,0	12,0	22	22	EVGE-L-12-G 3/8“-wd
315	12	G 1/2“	48,5	22,5	14,0	27	22	EVGE-L-12-G 1/2“-wd
315	15	G 3/8“	45,5	22,5	12,0	22	27	EVGE-L-15-G 3/8“-wd
315	15	G 1/2“	46,0	23,0	14,0	27	27	EVGE-L-15-G 1/2“-wd
315	18	G 3/8“	44,0	23,5	12,0	22	32	EVGE-L-18-G 3/8“-wd
315	18	G 1/2“	47,0	24,0	14,0	27	32	EVGE-L-18-G 1/2“-wd
160	18	G 3/4“	52,0	24,0	16,0	32	32	EVGE-L-18-G 3/4“-wd
160	22	G 3/8“	46,0	24,5	12,0	24	36	EVGE-L-22-G 3/8“-wd
160	22	G 1/2“	50,5	24,5	14,0	27	36	EVGE-L-22-G 1/2“-wd
160	22	G 3/4“	50,5	24,5	16,0	32	36	EVGE-L-22-G 3/4“-wd
160	22	G 1“	53,0	24,5	18,0	41	36	EVGE-L-22-G 1“-wd
160	28	G 3/4“	52,5	25,5	16,0	32	41	EVGE-L-28-G 3/4“-wd
160	28	G 1“	54,0	25,5	18,0	41	41	EVGE-L-28-G 1“-wd
160	35	G 1 1/4“	63,5	32,0	20,0	50	50	EVGE-L-35-G 1 1/4“-wd
160	42	G 1 1/2“	70,0	32,0	22,0	55	60	EVGE-L-42-G 1 1/2“-wd

EVGE - GERADE - AUFSTECKSTUTZEN

EVGE - MALE - STUD - STANDPIPE - CONNECTORS

Vormontiert
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich fühlbaren Kraftanstieges.

Pre-Assembled
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series S

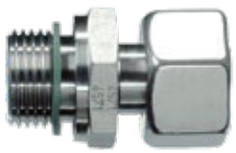
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3	
630	6	G 1/8“	32,5	19,0	8,0	14	17	EVGE-S-06-G 1/8“-wd
630	6	G 1/4“	39,5	20,5	12,0	19	17	EVGE-S-06-G 1/4“-wd
630	8	G 1/4“	41,0	20,5	12,0	19	19	EVGE-S-08-G 1/4“-wd
630	8	G 3/8“	42,5	20,5	12,0	22	19	EVGE-S-08-G 3/8“-wd
630	10	G 1/4“	39,5	20,5	12,0	19	22	EVGE-S-10-G 1/4“-wd
630	10	G 3/8“	44,0	21,0	12,0	22	22	EVGE-S-10-G 3/8“-wd
630	10	G 1/2“	47,0	21,0	14,0	27	22	EVGE-S-10-G 1/2“-wd
630	12	G 1/4“	42,0	21,5	12,0	19	24	EVGE-S-12-G 1/4“-wd
630	12	G 3/8“	45,0	22,0	12,0	22	24	EVGE-S-12-G 3/8“-wd
630	12	G 1/2“	48,5	22,5	14,0	27	24	EVGE-S-12-G 1/2“-wd
630	14	G 1/2“	51,0	24,5	14,0	27	27	EVGE-S-14-G 1/2“-wd
400	16	G 3/8“	48,5	26,0	12,0	22	30	EVGE-S-16-G 3/8“-wd
400	16	G 1/2“	51,0	26,0	14,0	27	30	EVGE-S-16-G 1/2“-wd
400	16	G 3/4“	54,5	26,0	16,0	32	30	EVGE-S-16-G 3/4“-wd
400	20	G 1/2“	56,5	29,5	14,0	27	36	EVGE-S-20-G 1/2“-wd
400	20	G 3/4“	59,0	29,0	16,0	32	36	EVGE-S-20-G 3/4“-wd
400	25	G 3/4“	63,0	33,0	16,0	32	46	EVGE-S-25-G 3/4“-wd
400	25	G 1“	66,0	33,0	18,0	41	46	EVGE-S-25-G 1“-wd
400	30	G 1 1/4“	71,0	34,0	20,0	50	50	EVGE-S-30-G 1 1/4“-wd
315	38	G 1 1/2“	83,5	40,0	22,0	55	60	EVGE-S-38-G 1 1/2“-wd

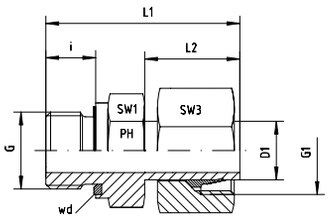
EVGE - GERADE - AUFSTECKSTUTZEN

EVGE - MALE - STUD - STANDPIPE - CONNECTORS

Vormontiert
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich fühlbaren Kraftanstieges.

Pre-Assembled
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.





Reihe / Series L

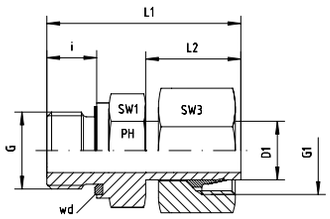
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3	
315	6	G 1/8“	32,5	19,0	8,0	14	14	EVGE-L-06-G 1/8“-wd-SC
315	6	G 1/4“	39,5	20,5	12,0	19	14	EVGE-L-06-G 1/4“-wd-SC
315	8	G 1/4“	41,0	20,5	12,0	19	17	EVGE-L-08-G 1/4“-wd-SC
315	8	G 3/8“	42,5	20,5	12,0	22	17	EVGE-L-08-G 3/8“-wd-SC
315	10	G 1/4“	39,5	20,5	12,0	19	19	EVGE-L-10-G 1/4“-wd-SC
315	10	G 3/8“	44,0	21,0	12,0	22	19	EVGE-L-10-G 3/8“-wd-SC
315	10	G 1/2“	47,0	21,0	14,0	27	19	EVGE-L-10-G 1/2“-wd-SC
315	12	G 1/4“	42,0	21,5	12,0	19	22	EVGE-L-12-G 1/4“-wd-SC
315	12	G 3/8“	45,0	22,0	12,0	22	22	EVGE-L-12-G 3/8“-wd-SC
315	12	G 1/2“	48,5	22,5	14,0	27	22	EVGE-L-12-G 1/2“-wd-SC
315	15	G 3/8“	45,5	22,5	12,0	22	27	EVGE-L-15-G 3/8“-wd-SC
315	15	G 1/2“	46,0	23,0	14,0	27	27	EVGE-L-15-G 1/2“-wd-SC
315	18	G 3/8“	44,0	23,5	12,0	22	32	EVGE-L-18-G 3/8“-wd-SC
315	18	G 1/2“	47,0	24,0	14,0	27	32	EVGE-L-18-G 1/2“-wd-SC
160	18	G 3/4“	52,0	24,0	16,0	32	32	EVGE-L-18-G 3/4“-wd-SC
160	22	G 3/8“	46,0	24,5	12,0	24	36	EVGE-L-22-G 3/8“-wd-SC
160	22	G 1/2“	50,5	24,5	14,0	27	36	EVGE-L-22-G 1/2“-wd-SC
160	22	G 3/4“	50,5	24,5	16,0	32	36	EVGE-L-22-G 3/4“-wd-SC
160	22	G 1“	53,0	24,5	18,0	41	36	EVGE-L-22-G 1“-wd-SC
160	28	G 3/4“	52,5	25,5	16,0	32	41	EVGE-L-28-G 3/4“-wd-SC
160	28	G 1“	54,0	25,5	18,0	41	41	EVGE-L-28-G 1“-wd-SC
160	35	G 1 1/4“	63,5	32,0	20,0	50	50	EVGE-L-35-G 1 1/4“-wd-SC
160	42	G 1 1/2“	70,0	32,0	22,0	55	60	EVGE-L-42-G 1 1/2“-wd-SC

EVGE - GERADE - AUFSTECKSTUTZEN

EVGE -MALE - STUD - STANDPIPE - CONNECTORS

Vormontiert
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich fühlbaren Kraftanstieges.

Pre-Assembled
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.

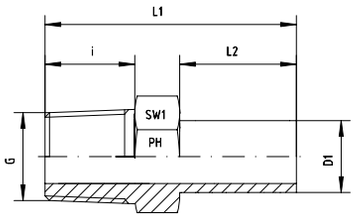


Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3	
630	6	G 1/8“	32,5	19,0	8,0	14	17	EVGE-S-06-G 1/8“-wd-SC
630	6	G 1/4“	39,5	20,5	12,0	19	17	EVGE-S-06-G 1/4“-wd-SC
630	8	G 1/4“	41,0	20,5	12,0	19	19	EVGE-S-08-G 1/4“-wd-SC
630	8	G 3/8“	42,5	20,5	12,0	22	19	EVGE-S-08-G 3/8“-wd-SC
630	10	G 1/4“	39,5	20,5	12,0	19	22	EVGE-S-10-G 1/4“-wd-SC
630	10	G 3/8“	44,0	21,0	12,0	22	22	EVGE-S-10-G 3/8“-wd-SC
630	10	G 1/2“	47,0	21,0	14,0	27	22	EVGE-S-10-G 1/2“-wd-SC
630	12	G 1/4“	42,0	21,5	12,0	19	24	EVGE-S-12-G 1/4“-wd-SC
630	12	G 3/8“	45,0	22,0	12,0	22	24	EVGE-S-12-G 3/8“-wd-SC
630	12	G 1/2“	48,5	22,5	14,0	27	24	EVGE-S-12-G 1/2“-wd-SC
630	14	G 1/2“	51,0	24,5	14,0	27	27	EVGE-S-14-G 1/2“-wd-SC
400	16	G 3/8“	48,5	26,0	12,0	22	30	EVGE-S-16-G 3/8“-wd-SC
400	16	G 1/2“	51,0	26,0	14,0	27	30	EVGE-S-16-G 1/2“-wd-SC
400	16	G 3/4“	54,5	26,0	16,0	32	30	EVGE-S-16-G 3/4“-wd-SC
400	20	G 1/2“	56,5	29,5	14,0	27	36	EVGE-S-20-G 1/2“-wd-SC
400	20	G 3/4“	59,0	29,0	16,0	32	36	EVGE-S-20-G 3/4“-wd-SC
400	25	G 3/4“	63,0	33,0	16,0	32	46	EVGE-S-25-G 3/4“-wd-SC
400	25	G 1“	66,0	33,0	18,0	41	46	EVGE-S-25-G 1“-wd-SC
400	30	G 1 1/4“	71,0	34,0	20,0	50	50	EVGE-S-30-G 1 1/4“-wd-SC
315	38	G 1 1/2“	83,5	40,0	22,0	55	60	EVGE-S-38-G 1 1/2“-wd-SC

Ohne Vormontage - ov
Einschraubgewinde: NPT

Not Pre-Assembled - ov
Thread: NPT



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**		
315	6	1/8“ NPT	32,0	19,0	10,0	12		EVGE-L-06-1/8“-ov-NPT
315	6	1/4“ NPT	40,0	19,0	15,0	14		EVGE-L-06-1/4“-ov-NPT
315	8	1/4“ NPT	40,5	20,0	15,0	14		EVGE-L-08-1/4“-ov-NPT
315	10	1/4“ NPT	40,0	20,5	15,0	14		EVGE-L-10-1/4“-ov-NPT
315	12	1/4“ NPT	42,0	22,0	15,0	14		EVGE-L-12-1/4“-ov-NPT
315	12	3/8“ NPT	43,0	22,0	15,3	19		EVGE-L-12-3/8“-ov-NPT
315	12	1/2“ NPT	50,0	22,0	20,0	22		EVGE-L-12-1/2“-ov-NPT
315	15	3/8“ NPT	43,0	22,0	15,3	19		EVGE-L-15-3/8“-ov-NPT
315	15	1/2“ NPT	48,0	22,0	20,0	22		EVGE-L-15-1/2“-ov-NPT
315	18	1/2“ NPT	50,0	24,0	20,0	22		EVGE-L-18-1/2“-ov-NPT
160	22	3/4“ NPT	52,0	24,5	20,0	27		EVGE-L-22-3/4“-ov-NPT
160	28	1“ NPT	58,0	25,5	25,0	36		EVGE-L-28-1“-ov-NPT
160	35	1 1/4“ NPT	66,0	32,0	25,5	46		EVGE-L-35-1 1/4“-ov-NPT
160	42	1 1/2“ NPT	68,0	32,0	26,0	50		EVGE-L-42-1 1/2“-ov-NPT

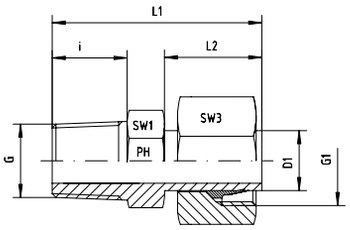
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**		
630	6	1/4“ NPT	40,0	19,0	15,0	14		EVGE-S-06-1/4“-ov-NPT
630	8	1/4“ NPT	40,5	20,0	15,0	14		EVGE-S-08-1/4“-ov-NPT
630	10	1/4“ NPT	40,0	20,5	15,0	14		EVGE-S-10-1/4“-ov-NPT
630	10	3/8“ NPT	43,0	22,0	15,3	19		EVGE-S-10-3/8“-ov-NPT
630	12	1/4“ NPT	42,0	22,0	15,0	14		EVGE-S-12-1/4“-ov-NPT
630	12	3/8“ NPT	43,0	22,0	15,3	19		EVGE-S-12-3/8“-ov-NPT
630	12	1/2“ NPT	50,0	22,0	20,0	22		EVGE-S-12-1/2“-ov-NPT
630	14	1/2“ NPT	48,5	24,5	20,0	22		EVGE-S-14-1/2“-ov-NPT
400	16	1/2“ NPT	54,0	24,0	20,0	22		EVGE-S-16-1/2“-ov-NPT
400	20	3/4“ NPT	58,0	29,0	20,0	27		EVGE-S-20-3/4“-ov-NPT
400	25	1“ NPT	68,0	33,0	25,0	36		EVGE-S-25-1“-ov-NPT
400	30	1 1/4“ NPT	73,0	34,0	25,5	46		EVGE-S-30-1 1/4“-ov-NPT
315	38	1 1/2“ NPT	81,0	40,0	26,0	50		EVGE-S-38-1 1/2“-ov-NPT

EVGE - GERADE - AUFSTECKSTUTZEN
EVGE -MALE - STUD - STANDPIPE - CONNECTORS

Vormontiert
Einschraubgewinde: NPT
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich fühlbaren Kraftanstieges.

Pre-Assembled
Thread: NPT
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	G1	L1	L2	i	SW1	SW3	
315	6	1/8“ NPT	M 12 x 1,5	32,0	19,0	10,0	12	14	EVGE-L-06-1/8“-NPT
315	6	1/4“ NPT	M 12 x 1,5	40,0	19,0	15,0	14	14	EVGE-L-06-1/4“-NPT
315	8	1/4“ NPT	M 14 x 1,5	40,5	20,0	15,0	14	17	EVGE-L-08-1/4“-NPT
315	10	1/4“ NPT	M 16 x 1,5	40,0	20,5	15,0	14	19	EVGE-L-10-1/4“-NPT
315	12	1/4“ NPT	M 18 x 1,5	42,0	22,0	15,0	14	22	EVGE-L-12-1/4“-NPT
315	12	3/8“ NPT	M 18 x 1,5	43,0	22,0	15,3	19	22	EVGE-L-12-3/8“-NPT
315	12	1/2“ NPT	M 18 x 1,5	50,0	22,0	20,0	22	22	EVGE-L-12-1/2“-NPT
315	15	3/8“ NPT	M 22 x 1,5	43,0	22,0	15,3	19	27	EVGE-L-15-3/8“-NPT
315	15	1/2“ NPT	M 22 x 1,5	48,0	22,0	20,0	22	27	EVGE-L-15-1/2“-NPT
315	18	1/2“ NPT	M 26 x 1,5	50,0	24,0	20,0	22	32	EVGE-L-18-1/2“-NPT
160	22	3/4“ NPT	M 30 x 2	52,0	24,5	20,0	27	36	EVGE-L-22-3/4“-NPT
160	28	1“ NPT	M 36 x 2	58,0	25,5	25,0	36	41	EVGE-L-28-1“-NPT
160	35	1 1/4“ NPT	M 45 x 2	66,0	32,0	25,5	46	50	EVGE-L-35-1 1/4“-NPT
160	42	1 1/2“ NPT	M 52 x 2	68,0	32,0	26,0	50	60	EVGE-L-42-1 1/2“-NPT

Reihe / Series S

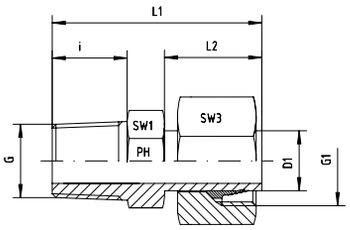
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	G1	L1	L2	i	SW1	SW3	
630	6	1/4“ NPT	M 14 x 1,5	40,0	19,0	15,0	14	17	EVGE-S-06-1/4“-NPT
630	8	1/4“ NPT	M 16 x 1,5	40,5	20,0	15,0	14	19	EVGE-S-08-1/4“-NPT
630	10	1/4“ NPT	M 18 x 1,5	40,0	20,5	15,0	14	22	EVGE-S-10-1/4“-NPT
630	10	3/8“ NPT	M 18 x 1,5	43,0	22,0	15,3	19	22	EVGE-S-10-3/8“-NPT
630	12	1/4“ NPT	M 20 x 1,5	42,0	22,0	15,0	14	24	EVGE-S-12-1/4“-NPT
630	12	3/8“ NPT	M 20 x 1,5	43,0	22,0	15,3	19	24	EVGE-S-12-3/8“-NPT
630	12	1/2“ NPT	M 20 x 1,5	50,0	22,0	20,0	22	24	EVGE-S-12-1/2“-NPT
630	14	1/2“ NPT	M 22 x 1,5	48,5	24,5	20,0	22	27	EVGE-S-14-1/2“-NPT
400	16	1/2“ NPT	M 24 x 1,5	54,0	24,0	20,0	22	30	EVGE-S-16-1/2“-NPT
400	20	3/4“ NPT	M 30 x 2	58,0	29,0	20,0	27	36	EVGE-S-20-3/4“-NPT
400	25	1“ NPT	M 36 x 2	68,0	33,0	25,0	36	46	EVGE-S-25-1“-NPT
400	30	1 1/4“ NPT	M 42 x 2	73,0	34,0	25,5	46	50	EVGE-S-30-1 1/4“-NPT
315	38	1 1/2“ NPT	M 52 x 2	81,0	40,0	26,0	50	60	EVGE-S-38-1 1/2“-NPT

EVGE - GERADE - AUFSTECKSTUTZEN

EVGE - MALE - STUD - STANDPIPE - CONNECTORS

Vormontiert
Einschraubgewinde: NPT
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich fühlbaren Kraftanstieges.

Pre-Assembled
Thread: NPT
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	G1	L1	L2	i	SW1	SW3	
315	6	1/8“ NPT	M 12 x 1,5	32,0	19,0	10,0	12	14	EVGE-L-06-1/8“-NPT-SC
315	6	1/4“ NPT	M 12 x 1,5	40,0	19,0	15,0	14	14	EVGE-L-06-1/4“-NPT-SC
315	8	1/4“ NPT	M 14 x 1,5	40,5	20,0	15,0	14	17	EVGE-L-08-1/4“-NPT-SC
315	10	1/4“ NPT	M 16 x 1,5	40,0	20,5	15,0	14	19	EVGE-L-10-1/4“-NPT-SC
315	12	1/4“ NPT	M 18 x 1,5	42,0	22,0	15,0	14	22	EVGE-L-12-1/4“-NPT-SC
315	12	3/8“ NPT	M 18 x 1,5	43,0	22,0	15,3	19	22	EVGE-L-12-3/8“-NPT-SC
315	12	1/2“ NPT	M 18 x 1,5	50,0	22,0	20,0	22	22	EVGE-L-12-1/2“-NPT-SC
315	15	3/8“ NPT	M 22 x 1,5	43,0	22,0	15,3	19	27	EVGE-L-15-3/8“-NPT-SC
315	15	1/2“ NPT	M 22 x 1,5	48,0	22,0	20,0	22	27	EVGE-L-15-1/2“-NPT-SC
315	18	1/2“ NPT	M 26 x 1,5	50,0	24,0	20,0	22	32	EVGE-L-18-1/2“-NPT-SC
160	22	3/4“ NPT	M 30 x 2	52,0	24,5	20,0	27	36	EVGE-L-22-3/4“-NPT-SC
160	28	1“ NPT	M 36 x 2	58,0	25,5	25,0	36	41	EVGE-L-28-1“-NPT-SC
160	35	1 1/4“ NPT	M 45 x 2	66,0	32,0	25,5	46	50	EVGE-L-35-1 1/4“-NPT-SC
160	42	1 1/2“ NPT	M 52 x 2	68,0	32,0	26,0	50	60	EVGE-L-42-1 1/2“-NPT-SC

Reihe / Series S

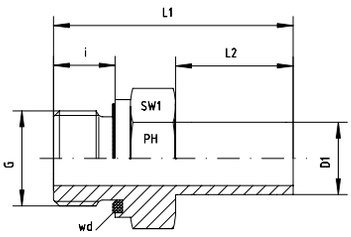
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	G1	L1	L2	i	SW1	SW3	
630	6	1/4“ NPT	M 14 x 1,5	40,0	19,0	15,0	14	17	EVGE-S-06-1/4“-NPT-SC
630	8	1/4“ NPT	M 16 x 1,5	40,5	20,0	15,0	14	19	EVGE-S-08-1/4“-NPT-SC
630	10	1/4“ NPT	M 18 x 1,5	40,0	20,5	15,0	14	22	EVGE-S-10-1/4“-NPT-SC
630	10	3/8“ NPT	M 18 x 1,5	43,0	22,0	15,3	19	22	EVGE-S-10-3/8“-NPT-SC
630	12	1/4“ NPT	M 20 x 1,5	42,0	22,0	15,0	14	24	EVGE-S-12-1/4“-NPT-SC
630	12	3/8“ NPT	M 20 x 1,5	43,0	22,0	15,3	19	24	EVGE-S-12-3/8“-NPT-SC
630	12	1/2“ NPT	M 20 x 1,5	50,0	22,0	20,0	22	24	EVGE-S-12-1/2“-NPT-SC
630	14	1/2“ NPT	M 22 x 1,5	48,5	24,5	20,0	22	27	EVGE-S-14-1/2“-NPT-SC
400	16	1/2“ NPT	M 24 x 1,5	54,0	24,0	20,0	22	30	EVGE-S-16-1/2“-NPT-SC
400	20	3/4“ NPT	M 30 x 2	58,0	29,0	20,0	27	36	EVGE-S-20-3/4“-NPT-SC
400	25	1“ NPT	M 36 x 2	68,0	33,0	25,0	36	46	EVGE-S-25-1“-NPT-SC
400	30	1 1/4“ NPT	M 42 x 2	73,0	34,0	25,5	46	50	EVGE-S-30-1 1/4“-NPT-SC
315	38	1 1/2“ NPT	M 52 x 2	81,0	40,0	26,0	50	60	EVGE-S-38-1 1/2“-NPT-SC

EVGE - GERADE - AUFSTECKSTUTZEN

EVGE - MALE - STUD - STANDPIPE - CONNECTORS

Ohne Vormontage
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Not pre-assembled
Thread: Metric - paralell
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**		
315	6	M 10 x 1	32,5	19,0	8,0	14		EVGE-L-06-M 10x1-ov-wd
315	8	M 12 x 1,5	39,5	19,5	12,0	17		EVGE-L-08-M 12x1,5-ov-wd
315	10	M 14 x 1,5	39,5	20,5	12,0	19		EVGE-L-10-M 14x1,5-ov-wd
315	12	M 16 x 1,5	42,0	22,0	12,0	22		EVGE-L-12-M 16x1,5-ov-wd
315	15	M 18 x 1,5	43,5	23,0	12,0	24		EVGE-L-15-M 18x1,5-ov-wd
315	18	M 22 x 1,5	47,0	24,0	14,0	27		EVGE-L-18-M 22x1,5-ov-wd
160	22	M 26 x 1,5	50,5	24,5	16,0	32		EVGE-L-22-M 26x1,5-ov-wd
160	28	M 33 x 2	54,0	25,5	18,0	41		EVGE-L-28-M 33x2-ov-wd
160	35	M 42 x 2	62,5	30,5	20,0	50		EVGE-L-35-M 42x2-ov-wd
160	42	M 48 x 2	68,5	32,5	22,0	55		EVGE-L-42-M 48x2-ov-wd

Reihe / Series S

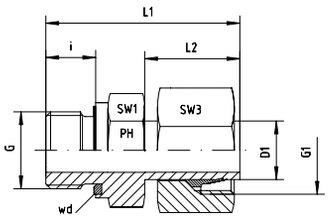
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**		
630	6	M 12 x 1,5	39,5	19,0	12,0	17		EVGE-S-06-M 12x1,5-ov-wd
630	8	M 14 x 1,5	40,5	19,5	12,0	19		EVGE-S-08-M 14x1,5-ov-wd
630	10	M 16 x 1,5	44,0	21,5	12,0	22		EVGE-S-10-M 16x1,5-ov-wd
630	12	M 18 x 1,5	46,0	22,5	12,0	24		EVGE-S-12-M 18x1,5-ov-wd
630	14	M 20 x 1,5	50,0	23,5	14,0	27		EVGE-S-14-M 20x1,5-ov-wd
400	16	M 22 x 1,5	51,0	26,0	14,0	27		EVGE-S-16-M 22x1,5-ov-wd
400	20	M 27 x 2	59,0	28,0	16,0	32		EVGE-S-20-M 27x2-ov-wd
400	25	M 33 x 2	65,5	31,0	18,0	41		EVGE-S-25-M 33x2-ov-wd
400	30	M 42 x 2	71,0	34,0	20,0	50		EVGE-S-30-M 42x2-ov-wd
315	38	M 48 x 2	83,5	40,0	22,0	55		EVGE-S-38-M 48x2-ov-wd

EVGE - GERADE - AUFSTECKSTUTZEN

EVGE - MALE - STUD - STANDPIPE - CONNECTORS

Vormontiert
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Pre-Assembled
Thread: Metric - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	G1	L1	L2	i	SW1	SW3	
315	6	M 10 x 1	M 12 x 1,5	32,5	19,0	8,0	14	14	EVGE-L-06-M 10x1-wd
315	8	M 12 x 1,5	M 14 x 1,5	39,5	19,5	12,0	17	17	EVGE-L-08-M 12x1,5-wd
315	10	M 14 x 1,5	M 16 x 1,5	39,5	20,5	12,0	19	19	EVGE-L-10-M 14x1,5-wd
315	12	M 16 x 1,5	M 18 x 1,5	42,0	22,0	12,0	22	22	EVGE-L-12-M 16x1,5-wd
315	15	M 18 x 1,5	M 22 x 1,5	43,5	23,0	12,0	24	27	EVGE-L-15-M 18x1,5-wd
315	18	M 22 x 1,5	M 26 x,1,5	47,0	24,0	14,0	27	32	EVGE-L-18-M 22x1,5-wd
160	22	M 26 x 1,5	M 30 x 2	50,5	24,5	16,0	32	36	EVGE-L-22-M 26x1,5-wd
160	28	M 33 x 2	M 36 x 2	54,0	25,5	18,0	41	41	EVGE-L-28-M 33x2-wd
160	35	M 42 x 2	M 45 x 2	62,5	30,5	20,0	50	50	EVGE-L-35-M 42x2-wd
160	42	M 48 x 2	M 52 x 2	68,5	32,5	22,0	55	60	EVGE-L-42-M 48x2-wd

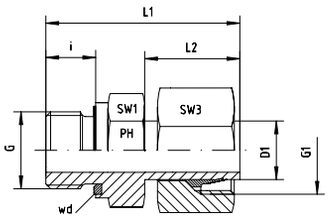
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	G1	L1	L2	i	SW1	SW3	
630	6	M 12 x 1,5	M 14 x 1,5	39,5	19,0	12,0	17	17	EVGE-S-06-M 12x1,5-wd
630	8	M 14 x 1,5	M 16 x 1,5	40,5	19,5	12,0	19	19	EVGE-S-08-M 14x1,5-wd
630	10	M 16 x 1,5	M 18 x 1,5	44,0	21,5	12,0	22	22	EVGE-S-10-M 16x1,5-wd
630	12	M 18 x 1,5	M 20 x 1,5	46,0	22,5	12,0	24	24	EVGE-S-12-M 18x1,5-wd
630	14	M 20 x 1,5	M 22 x 1,5	50,0	23,5	14,0	27	27	EVGE-S-14-M 20x1,5-wd
400	16	M 22 x 1,5	M 24 x 1,5	51,0	26,0	14,0	27	30	EVGE-S-16-M 22x1,5-wd
400	20	M 27 x 2	M 30 x 2	59,0	28,0	16,0	32	36	EVGE-S-20-M 27x2-wd
400	25	M 33 x 2	M 36 x 2	65,5	31,0	18,0	41	46	EVGE-S-25-M 33x2-wd
400	30	M 42 x 2	M 42 x 2	71,0	34,0	20,0	50	50	EVGE-S-30-M 42x2-wd
315	38	M 48 x 2	M 52 x 2	83,5	40,0	22,0	55	60	EVGE-S-38-M 48x2-wd

EVGE - GERADE - AUFSTECKSTUTZEN
EVGE - MALE - STUD - STANDPIPE - CONNECTORS

Vormontiert
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Pre-Assembled
Thread: Metric - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	G1	L1	L2	i	SW1	SW3	
315	6	M 10 x 1	M 12 x 1,5	32,5	19,0	8,0	14	14	EVGE-L-06-M 10x1-wd-SC
315	8	M 12 x 1,5	M 14 x 1,5	39,5	19,5	12,0	17	17	EVGE-L-08-M 12x1,5-wd-SC
315	10	M 14 x 1,5	M 16 x 1,5	39,5	20,5	12,0	19	19	EVGE-L-10-M 14x1,5-wd-SC
315	12	M 16 x 1,5	M 18 x 1,5	42,0	22,0	12,0	22	22	EVGE-L-12-M 16x1,5-wd-SC
315	15	M 18 x 1,5	M 22 x 1,5	43,5	23,0	12,0	24	27	EVGE-L-15-M 18x1,5-wd-SC
315	18	M 22 x 1,5	M 26 x,1,5	47,0	24,0	14,0	27	32	EVGE-L-18-M 22x1,5-wd-SC
160	22	M 26 x 1,5	M 30 x 2	50,5	24,5	16,0	32	36	EVGE-L-22-M 26x1,5-wd-SC
160	28	M 33 x 2	M 36 x 2	54,0	25,5	18,0	41	41	EVGE-L-28-M 33x2-wd-SC
160	35	M 42 x 2	M 45 x 2	62,5	30,5	20,0	50	50	EVGE-L-35-M 42x2-wd-SC
160	42	M 48 x 2	M 52 x 2	68,5	32,5	22,0	55	60	EVGE-L-42-M 48x2-wd-SC

Reihe / Series S

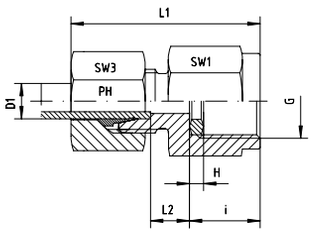
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	G1	L1	L2	i	SW1	SW3	
630	6	M 12 x 1,5	M 14 x 1,5	39,5	19,0	12,0	17	17	EVGE-S-06-M 12x1,5-wd-SC
630	8	M 14 x 1,5	M 16 x 1,5	40,5	19,5	12,0	19	19	EVGE-S-08-M 14x1,5-wd-SC
630	10	M 16 x 1,5	M 18 x 1,5	44,0	21,5	12,0	22	22	EVGE-S-10-M 16x1,5-wd-SC
630	12	M 18 x 1,5	M 20 x 1,5	46,0	22,5	12,0	24	24	EVGE-S-12-M 18x1,5-wd-SC
630	14	M 20 x 1,5	M 22 x 1,5	50,0	23,5	14,0	27	27	EVGE-S-14-M 20x1,5-wd-SC
400	16	M 22 x 1,5	M 24 x 1,5	51,0	26,0	14,0	27	30	EVGE-S-16-M 22x1,5-wd-SC
400	20	M 27 x 2	M 30 x 2	59,0	28,0	16,0	32	36	EVGE-S-20-M 27x2-wd-SC
400	25	M 33 x 2	M 36 x 2	65,5	31,0	18,0	41	46	EVGE-S-25-M 33x2-wd-SC
400	30	M 42 x 2	M 42 x 2	71,0	34,0	20,0	50	50	EVGE-S-30-M 42x2-wd-SC
315	38	M 48 x 2	M 52 x 2	83,5	40,0	22,0	55	60	EVGE-S-38-M 48x2-wd-SC

MV - MANOMETER - VERSCHRAUBUNGEN

MV - PRESSURE - GAUGE - COUPLINGS

Manometer-Verschraubungen
Mit Dichtkantenring - DKRi
Innengewinde: Whitworth-Rohrgewinde - Zylindrisch

Gauge Couplings
With Metal Sealing Ring - DKRi
Internal Thread: BSP - Female - Parallel



Reihe / Series L

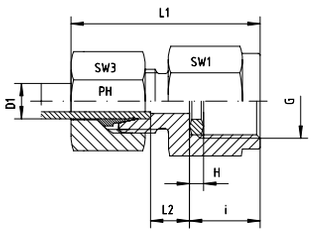
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	H	L1	L2	i	SW1	SW3	
315	6	G 1/4“	4,5	37,0	7,5	14,5	19	14	MV-L-06-G 1/4“
315	6	G 1/2“	5,0	46,0	9,0	20,0	27	14	MV-L-06-G 1/2“
315	8	G 1/4“	4,5	37,0	7,5	14,5	19	17	MV-L-08-G 1/4“
315	8	G 1/2“	5,0	46,0	9,0	20,0	27	17	MV-L-08-G 1/2“
315	10	G 1/4“	4,5	38,0	8,5	14,5	19	19	MV-L-10-G 1/4“
315	10	G 1/2“	5,0	47,0	9,5	20,0	27	19	MV-L-10-G 1/2“
315	12	G 1/4“	4,5	38,0	8,5	14,5	19	22	MV-L-12-G 1/4“
315	12	G 1/2“	5,0	48,0	10,0	20,0	27	22	MV-L-12-G 1/2“

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	H	L1	L2	i	SW1	SW3	
630	6	G 1/2“	5,0	46,0	11,0	20,0	27	17	MV-S-06-G 1/2“
630	8	G 1/4“	4,5	40,0	9,5	14,5	19	19	MV-S-08-G 1/4“
630	8	G 1/2“	5,0	46,0	11,0	20,0	27	19	MV-S-08-G 1/2“
630	10	G 1/4“	4,5	40,5	9,0	14,5	19	22	MV-S-10-G 1/4“
630	10	G 1/2“	5,0	47,0	10,5	20,0	27	22	MV-S-10-G 1/2“
630	12	G 1/4“	4,5	41,0	8,0	14,5	22	24	MV-S-12-G 1/4“
630	12	G 1/2“	5,0	47,0	10,5	20,0	27	24	MV-S-12-G 1/2“
630	14	G 1/2“	5,0	49,5	12,0	20,0	27	27	MV-S-14-G 1/2“

Manometer-Verschraubungen
Mit Dichtkantenring - DKRi
Innengewinde: Whitworth-Rohrgewinde - Zylindrisch

Gauge Couplings
With Metal Sealing Ring - DKRi
Internal Thread: BSP - Female - Parallel



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**H**	**L1**	**L2**	**i**	**SW1**	**SW3**	
315	6	G 1/4“	4,5	37,0	7,5	14,5	19	14	MV-L-06-G 1/4“-SC
315	6	G 1/2“	5,0	46,0	9,0	20,0	27	14	MV-L-06-G 1/2“-SC
315	8	G 1/4“	4,5	37,0	7,5	14,5	19	17	MV-L-08-G 1/4“-SC
315	8	G 1/2“	5,0	46,0	9,0	20,0	27	17	MV-L-08-G 1/2“-SC
315	10	G 1/4“	4,5	38,0	8,5	14,5	19	19	MV-L-10-G 1/4“-SC
315	10	G 1/2“	5,0	47,0	9,5	20,0	27	19	MV-L-10-G 1/2“-SC
315	12	G 1/4“	4,5	38,0	8,5	14,5	19	22	MV-L-12-G 1/4“-SC
315	12	G 1/2“	5,0	48,0	10,0	20,0	27	22	MV-L-12-G 1/2“-SC

Reihe / Series S

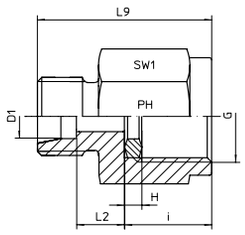
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**H**	**L1**	**L2**	**i**	**SW1**	**SW3**	
630	6	G 1/2“	5,0	46,0	11,0	20,0	27	17	MV-S-06-G 1/2“-SC
630	8	G 1/4“	4,5	40,0	9,5	14,5	19	19	MV-S-08-G 1/4“-SC
630	8	G 1/2“	5,0	46,0	11,0	20,0	27	19	MV-S-08-G 1/2“-SC
630	10	G 1/4“	4,5	40,5	9,0	14,5	19	22	MV-S-10-G 1/4“-SC
630	10	G 1/2“	5,0	47,0	10,5	20,0	27	22	MV-S-10-G 1/2“-SC
630	12	G 1/4“	4,5	41,0	8,0	14,5	22	24	MV-S-12-G 1/4“-SC
630	12	G 1/2“	5,0	47,0	10,5	20,0	27	24	MV-S-12-G 1/2“-SC
630	14	G 1/2“	5,0	49,5	12,0	20,0	27	27	MV-S-14-G 1/2“-SC

MV - MANOMETER - VERSCHRAUBUNGEN

MV - PRESSURE - GAUGE - COUPLINGS

Manometer-Verschraubungsstutzen
Mit Dichtkantenring - DKRi
Innengewinde: Whitworth-Rohrgewinde - Zylindrisch

Gauge Couplings
With Metal Sealing Ring - DKRi
Internal Thread: BSP - Female - Parallel



Reihe / Series L

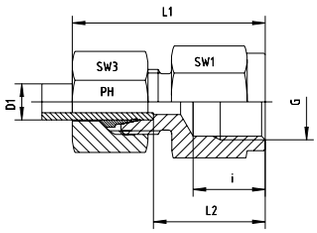
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	H	L2	L9	i	SW1	
315	6	G 1/4“	4,5	7,5	29,0	14,5	19	MV-L-06-G 1/4“-OMD
315	6	G 1/2“	5,0	9,0	36,0	20,0	27	MV-L-06-G 1/2“-OMD
315	8	G 1/4“	4,5	7,5	29,0	14,5	19	MV-L-08-G 1/4“-OMD
315	8	G 1/2“	5,0	9,0	36,0	20,0	27	MV-L-08-G 1/2“-OMD
315	10	G 1/4“	4,5	8,5	30,0	14,5	19	MV-L-10-G 1/4“-OMD
315	10	G 1/2“	5,0	9,5	37,0	20,0	27	MV-L-10-G 1/2“-OMD
315	12	G 1/4“	4,5	8,5	30,0	14,5	19	MV-L-12-G 1/4“-OMD
315	12	G 1/2“	5,0	10,0	37,0	20,0	27	MV-L-12-G 1/2“-OMD

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	H	L2	L9	i	SW1	
630	6	G 1/2“	5,0	11,0	38,0	20,0	27	MV-S-06-G 1/2“-OMD
630	8	G 1/4“	4,5	9,5	31,0	14,5	19	MV-S-08-G 1/4“-OMD
630	8	G 1/2“	5,0	11,0	38,0	20,0	27	MV-S-08-G 1/2“-OMD
630	10	G 1/4“	4,5	9,0	31,0	14,5	19	MV-S-10-G 1/4“-OMD
630	10	G 1/2“	5,0	10,5	38,0	20,0	27	MV-S-10-G 1/2“-OMD
630	12	G 1/4“	4,5	8,0	30,0	14,5	22	MV-S-12-G 1/4“-OMD
630	12	G 1/2“	5,0	10,5	38,0	20,0	27	MV-S-12-G 1/2“-OMD
630	14	G 1/2“	5,0	12,0	40,0	20,0	27	MV-S-14-G 1/2“-OMD

Manometer-Verschraubungen
Innengewinde: NPT

Gauge Couplings
Internal Thread: NPT



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3	
315	6	1/4“ NPT	38,0	23,5	16,4	19	14	MV-L-06-NPT-1/4“
315	6	1/2“ NPT	46,0	31,0	22,6	27	14	MV-L-06-NPT-1/2“
315	8	1/4“ NPT	38,0	23,5	16,4	19	17	MV-L-08-NPT-1/4“
315	8	1/2“ NPT	46,0	31,0	22,6	27	17	MV-L-08-NPT-1/2“
315	10	1/4“ NPT	39,0	24,0	16,4	19	19	MV-L-10-NPT-1/4“
315	10	1/2“ NPT	47,0	32,0	22,6	27	19	MV-L-10-NPT-1/2“
315	12	1/4“ NPT	39,0	24,0	16,4	19	22	MV-L-12-NPT-1/4“
315	12	1/2“ NPT	47,0	32,0	22,6	27	22	MV-L-12-NPT-1/2“

Reihe / Series S

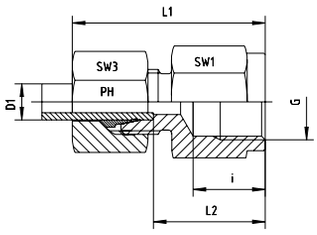
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3	
630	6	1/2“ NPT	48,0	33,0	22,6	27	17	MV-S-06-NPT-1/2“
630	8	1/2“ NPT	48,0	33,0	22,6	27	19	MV-S-08-NPT-1/2“
630	10	1/2“ NPT	49,0	32,5	22,6	27	22	MV-S-10-NPT-1/2“
630	12	1/2“ NPT	49,0	32,5	22,6	27	24	MV-S-12-NPT-1/2“

MV - MANOMETER - VERSCHRAUBUNGEN

MV - PRESSURE - GAUGE - COUPLINGS

Manometer-Verschraubungen
Innengewinde: NPT

Gauge Couplings
Internal Thread: NPT



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3	
315	6	1/4“ NPT	38,0	23,5	16,4	19	14	MV-L-06-NPT-1/4“-SC
315	6	1/2“ NPT	46,0	31,0	22,6	27	14	MV-L-06-NPT-1/2“-SC
315	8	1/4“ NPT	38,0	23,5	16,4	19	17	MV-L-08-NPT-1/4“-SC
315	8	1/2“ NPT	46,0	31,0	22,6	27	17	MV-L-08-NPT-1/2“-SC
315	10	1/4“ NPT	39,0	24,0	16,4	19	19	MV-L-10-NPT-1/4“-SC
315	10	1/2“ NPT	47,0	32,0	22,6	27	19	MV-L-10-NPT-1/2“-SC
315	12	1/4“ NPT			16,4	19	22	MV-L-12-NPT-1/4“-SC
315	12	1/2“ NPT	47,0	32,0	22,6	27	22	MV-L-12-NPT-1/2“-SC

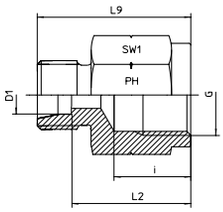
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3	
630	6	1/2“ NPT	48,0	33,0	22,6	27	17	MV-S-06-NPT-1/2“-SC
630	8	1/2“ NPT	48,0	33,0	22,6	27	19	MV-S-08-NPT-1/2“-SC
630	10	1/2“ NPT	49,0	32,5	22,6	27	22	MV-S-10-NPT-1/2“-SC
630	12	1/2“ NPT	49,0	32,5	22,6	27	24	MV-S-12-NPT-1/2“-SC

MV - MANOMETER - VERSCHRAUBUNGEN
MV - PRESSURE - GAUGE - COUPLINGS

Manometer-Verschraubungsstutzen
Innengewinde: NPT

Gauge Coupling Bodies
Internal Thread: NPT



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L9**	**i**	**SW1**		
315	6	1/4“ NPT	23,5	30,5	16,4	19		MV-L-06-NPT-1/4“-OMD
315	6	1/2“ NPT	31,0	38,0	22,6	27		MV-L-06-NPT-1/2“-OMD
315	8	1/4“ NPT	23,5	30,5	16,4	19		MV-L-08-NPT-1/4“-OMD
315	8	1/2“ NPT	31,0	38,0	22,6	27		MV-L-08-NPT-1/2“-OMD
315	10	1/4“ NPT	24,0	31,0	16,4	19		MV-L-10-NPT-1/4“-OMD
315	10	1/2“ NPT	32,0	39,0	22,6	27		MV-L-10-NPT-1/2“-OMD
315	12	1/4“ NPT	24,0	31,0	16,4	19		MV-L-12-NPT-1/4“-OMD
315	12	1/2“ NPT	32,0	39,0	22,6	27		MV-L-12-NPT-1/2“-OMD

Reihe / Series S

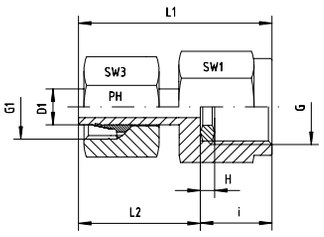
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L9**	**i**	**SW1**		
630	6	1/2“ NPT	33,0	40,0	22,6	27		MV-S-06-NPT-1/2“-OMD
630	8	1/2“ NPT	33,0	40,0	22,6	27		MV-S-08-NPT-1/2“-OMD
630	10	1/2“ NPT	32,5	40,0	22,6	27		MV-S-10-NPT-1/2“-OMD
630	12	1/2“ NPT	32,5	40,0	22,6	27		MV-S-12-NPT-1/2“-OMD

MV-EV - EINSTELLBARE - MANOMETER - VERSCHRAUBUNGEN

MV-EV - ADJUSTABLE - PRESSURE - GAUGE - COUPLINGS

Einstellbare Manometer-Verschraubungen
Mit Dichtkantenring - DKRi
Innengewinde: Whitworth-Rohrgewinde - Zylindrisch
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich fühlbaren Kraftanstieges.

Gauge Swivel Couplings
With Metal Sealing Ring - DKRi
Thread: BSP - Female - Parallel
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**G1**	**H**	**L1**	**L2**	**i**	**SW1**	**SW3**	
315	6	G 1/4“	M 12 x 1,5	4,5	38,0	23,5	14,5	19	14	MV-ev-L-06-G 1/4“
315	6	G 1/2“	M 12 x 1,5	5,0	45,0	25,0	20,0	27	14	MV-ev-L-06-G 1/2“
315	8	G 1/4“	M 14 x 1,5	4,5	38,0	23,5	14,5	19	17	MV-ev-L-08-G 1/4“
315	8	G 1/2“	M 14 x 1,5	5,0	47,6	27,5	20,0	27	17	MV-ev-L-08-G 1/2“
315	10	G 1/4“	M 16 x 1,5	4,5	39,5	25,0	14,5	19	19	MV-ev-L-10-G 1/4“
315	10	G 1/2“	M 16 x 1,5	5,0	47,0	27,0	20,0	27	19	MV-ev-L-10-G 1/2“
315	12	G 1/4“	M 18 x 1,5	4,5	40,5	26,0	14,5	19	22	MV-ev-L-12-G 1/4“
315	12	G 1/2“	M 18 x 1,5	5,0	47,5	27,0	20,0	27	22	MV-ev-L-12-G 1/2“

Reihe / Series S

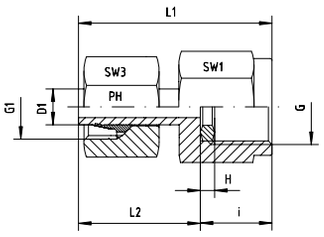
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	**D1**	**G**	**G1**	**H**	**L1**	**L2**	**i**	**SW1**	**SW3**	
630	6	G 1/4“	M 14 x 1,5	4,5	38,0	23,5	14,5	19	17	MV-ev-S-06-G 1/4“
630	6	G 1/2“	M 14 x 1,5	5,0	45,0	25,0	20,0	27	17	MV-ev-S-06-G 1/2“
630	8	G 1/4“	M 16 x 1,5	4,5	38,0	23,5	14,5	19	19	MV-ev-S-08-G 1/4“
630	8	G 1/2“	M 16 x 1,5	5,0	47,6	27,0	20,0	27	19	MV-ev-S-08-G 1/2“
630	10	G 1/4“	M 18 x 1,5	4,5	39,5	25,0	14,5	19	22	MV-ev-S-10-G 1/4“
630	10	G 1/2“	M 18 x 1,5	5,0	47,0	27,0	20,0	27	22	MV-ev-S-10-G 1/2“
630	12	G 1/4“	M 20 x 1,5	4,5	40,5	26,0	14,5	19	24	MV-ev-S-12-G 1/4“
630	12	G 1/2“	M 20 x 1,5	5,0	47,5	27,0	20,0	27	24	MV-ev-S-12-G 1/2“

MV-EV - EINSTELLBARE - MANOMETER - VERSCHRAUBUNGEN

MV-EV - ADJUSTABLE - PRESSURE - GAUGE - COUPLINGS

Einstellbare Manometer-Verschraubungen
Mit Dichtkantenring - DKRi
Innengewinde: Whitworth-Rohrgewinde - Zylindrisch
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich fühlbaren Kraftanstieges.

Gauge Swivel Couplings
With Metal Sealing Ring - DKRi
Thread: BSP - Female - Parallel
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	G1	H	L1	L2	i	SW1	SW3	
315	6	G 1/4“	M 12 x 1,5	4,5	38,0	23,5	14,5	19	14	MV-ev-L-06-G 1/4“-SC
315	6	G 1/2“	M 12 x 1,5	5,0	45,0	25,0	20,0	27	14	MV-ev-L-06-G 1/2“-SC
315	8	G 1/4“	M 14 x 1,5	4,5	38,0	23,5	14,5	19	17	MV-ev-L-08-G 1/4“-SC
315	8	G 1/2“	M 14 x 1,5	5,0	47,6	27,5	20,0	27	17	MV-ev-L-08-G 1/2“-SC
315	10	G 1/4“	M 16 x 1,5	4,5	39,5	25,0	14,5	19	19	MV-ev-L-10-G 1/4“-SC
315	10	G 1/2“	M 16 x 1,5	5,0	47,0	27,0	20,0	27	19	MV-ev-L-10-G 1/2“-SC
315	12	G 1/4“	M 18 x 1,5	4,5	40,5	26,0	14,5	19	22	MV-ev-L-12-G 1/4“-SC
315	12	G 1/2“	M 18 x 1,5	5,0	47,5	27,0	20,0	27	22	MV-ev-L-12-G 1/2“-SC

Reihe / Series S

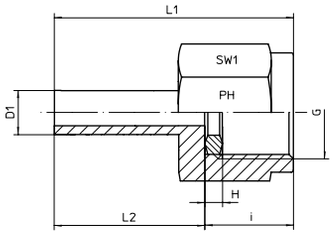
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PN	D1	G	G1	H	L1	L2	i	SW1	SW3	
630	6	G 1/4“	M 14 x 1,5	4,5	38,0	23,5	14,5	19	17	MV-ev-S-06-G 1/4“-SC
630	6	G 1/2“	M 14 x 1,5	5,0	45,0	25,0	20,0	27	17	MV-ev-S-06-G 1/2“-SC
630	8	G 1/4“	M 16 x 1,5	4,5	38,0	23,5	14,5	19	19	MV-ev-S-08-G 1/4“-SC
630	8	G 1/2“	M 16 x 1,5	5,0	47,6	27,0	20,0	27	19	MV-ev-S-08-G 1/2“-SC
630	10	G 1/4“	M 18 x 1,5	4,5	39,5	25,0	14,5	19	22	MV-ev-S-10-G 1/4“-SC
630	10	G 1/2“	M 18 x 1,5	5,0	47,0	27,0	20,0	27	22	MV-ev-S-10-G 1/2“-SC
630	12	G 1/4“	M 20 x 1,5	4,5	40,5	26,0	14,5	19	24	MV-ev-S-12-G 1/4“-SC
630	12	G 1/2“	M 20 x 1,5	5,0	47,5	27,0	20,0	27	24	MV-ev-S-12-G 1/2“-SC

MV-EV - EINSTELLBARE - MANOMETER - VERSCHRAUBUNGEN

MV-EV - ADJUSTABLE - PRESSURE - GAUGE - COUPLINGS

Einstellbare Manometer-Verschraubungsstutzen
Mit Dichtkantenring - DKRi
Innengewinde: Whitworth-Rohrgewinde - Zylindrisch

Gauge Swivel Coupling Bodies
With Metal Sealing Ring - DKRi
Thread: BSP - Female - Parallel



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	**D1**	**G**	**G1**	**H**	**L1**	**L2**	**i**	**SW1**	
315	6	G 1/4“	M 12 x 1,5	4,5	38,0	23,5	14,5	19	MV-ev-L-06-G 1/4“-OMD
315	6	G 1/2“	M 12 x 1,5	5,0	45,0	25,0	20,0	27	MV-ev-L-06-G 1/2“-OMD
315	8	G 1/4“	M 14 x 1,5	4,5	38,0	23,5	14,5	19	MV-ev-L-08-G 1/4“-OMD
315	8	G 1/2“	M 14 x 1,5	5,0	47,6	27,5	20,0	27	MV-ev-L-08-G 1/2“-OMD
315	10	G 1/4“	M 16 x 1,5	4,5	39,5	25,0	14,5	19	MV-ev-L-10-G 1/4“-OMD
315	10	G 1/2“	M 16 x 1,5	5,0	47,0	27,0	20,0	27	MV-ev-L-10-G 1/2“-OMD
315	12	G 1/4“	M 18 x 1,5	4,5	40,5	26,0	14,5	19	MV-ev-L-12-G 1/4“-OMD
315	12	G 1/2“	M 18 x 1,5	5,0	47,5	27,0	20,0	27	MV-ev-L-12-G 1/2“-OMD

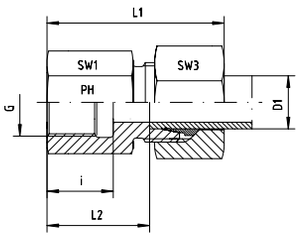
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	**D1**	**G**	**G1**	**H**	**L1**	**L2**	**i**	**SW1**	
630	6	G 1/4“	M 14 x 1,5	4,5	38,0	23,5	14,5	19	MV-ev-S-06-G 1/4“-OMD
630	6	G 1/2“	M 14 x 1,5	5,0	45,0	25,0	20,0	27	MV-ev-S-06-G 1/2“-OMD
630	8	G 1/4“	M 16 x 1,5	4,5	38,0	23,5	14,5	19	MV-ev-S-08-G 1/4“-OMD
630	8	G 1/2“	M 16 x 1,5	5,0	47,6	27,0	20,0	27	MV-ev-S-08-G 1/2“-OMD
630	10	G 1/4“	M 18 x 1,5	4,5	39,5	25,0	14,5	19	MV-ev-S-10-G 1/4“-OMD
630	10	G 1/2“	M 18 x 1,5	5,0	47,0	27,0	20,0	27	MV-ev-S-10-G 1/2“-OMD
630	12	G 1/4“	M 20 x 1,5	4,5	40,5	26,0	14,5	19	MV-ev-S-12-G 1/4“-OMD
630	12	G 1/2“	M 20 x 1,5	5,0	47,5	27,0	20,0	27	MV-ev-S-12-G 1/2“-OMD

GAI - GERADE - AUFSCHRAUB - VERSCHRAUBUNGEN
GAI - FEMALE - STUD - COUPLINGS

Gerade Aufschraub-Verschraubungen
Innengewinde: Whitworth-Rohrgewinde - Zylindrisch

Female Stud Couplings
Female Thread: BSP - Parallel



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3	
315	6	G 1/8“	36,0	19,0	12,0	14	14	GAI-L-06-G 1/8“
315	6	G 1/4“	41,0	24,0	17,0	19	14	GAI-L-06-G 1/4“
315	6	G 3/8“	42,0	24,0	17,0	24	14	GAI-L-06-G 3/8“
315	6	G 1/2“	46,0	31,0	20,0	27	14	GAI-L-06-G 1/2“
315	8	G 1/8“	36,0	19,0	12,0	14	17	GAI-L-08-G 1/8“
315	8	G 1/4“	41,0	24,0	17,0	19	17	GAI-L-08-G 1/4“
315	8	G 3/8“	42,0	25,0	17,0	24	17	GAI-L-08-G 3/8“
315	8	G 1/2“	46,0	32,0	20,0	27	17	GAI-L-08-G 1/2“
315	10	G 1/8“	36,0	19,0	12,0	17	19	GAI-L-10-G 1/8“
315	10	G 1/4“	42,0	25,0	17,0	19	19	GAI-L-10-G 1/4“
315	10	G 3/8“	43,0	26,0	17,0	24	19	GAI-L-10-G 3/8“
315	10	G 1/2“	47,0	30,0	20,0	27	19	GAI-L-10-G 1/2“
315	12	G 1/4“	42,0	25,0	17,0	19	22	GAI-L-12-G 1/4“
315	12	G 3/8“	43,0	26,0	17,0	24	22	GAI-L-12-G 3/8“
315	12	G 1/2“	48,0	30,0	20,0	27	22	GAI-L-12-G 1/2“
315	15	G 3/8“	46,0	27,0	17,5	24	27	GAI-L-15-G 3/8“
315	15	G 1/2“	49,0	31,0	20,0	27	27	GAI-L-15-G 1/2“
160	15	G 3/4“	53,0	34,0	22,0	32	27	GAI-L-15-G 3/4“
315	18	G 3/8“	47,0	26,5	17,5	27	32	GAI-L-18-G 3/8“
315	18	G 1/2“	50,5	30,5	20,0	27	32	GAI-L-18-G 1/2“
160	18	G 3/4“	53,5	33,5	22,0	36	32	GAI-L-18-G 3/4“
160	22	G 1/2“	55,0	33,5	20,0	32	36	GAI-L-22-G 1/2“
160	22	G 3/4“	56,0	35,5	22,0	36	36	GAI-L-22-G 3/4“
160	28	G 3/4“	57,5	35,0	22,0	41	41	GAI-L-28-G 3/4“
160	28	G 1“	60,5	38,0	24,5	41	41	GAI-L-28-G 1“
160	35	G 1 1/4“	68,5	41,0	26,5	55	50	GAI-L-35-G 1 1/4“
160	42	G 1 1/2“	69,5	42,5	28,5	60	60	GAI-L-42-G 1 1/2“

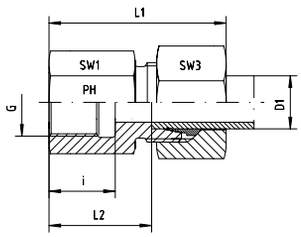
GAI - GERADE - AUFSCHRAUB - VERSCHRAUBUNGEN

GAI - FEMALE - STUD - COUPLINGS

EDELSTAHL / STAINLESS STEEL
VERBINDUNGSTECHNIK
FLUID CONNECTORS

Gerade Aufschraub-Verschraubungen
Innengewinde: Whitworth-Rohrgewinde - Zylindrisch

Female Stud Couplings
Female Thread: BSP - Parallel



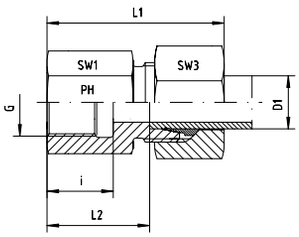
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**	
630	6	G 1/4“	42,0	26,0	17,0	19	17	GAI-S-06-G 1/4“
630	6	G 3/8“			17,0	24	17	GAI-S-06-G 3/8“
630	6	G 1/2“	48,0	31,0	20,0	27	17	GAI-S-06-G 1/2“
630	8	G 1/4“	43,0	26,0	17,0	19	19	GAI-S-08-G 1/4“
630	8	G 3/8“	44,0	27,0	17,0	24	19	GAI-S-08-G 3/8“
630	8	G 1/2“	48,0	31,0	20,0	27	19	GAI-S-08-G 1/2“
630	10	G 3/8“	45,0	26,5	17,0	24	22	GAI-S-10-G 3/8“
630	10	G 1/2“	49,5	30,5	20,0	27	22	GAI-S-10-G 1/2“
630	12	G 1/4“	46,0	27,5	17,0	22	24	GAI-S-12-G 1/4“
630	12	G 3/8“	45,0	26,5	17,0	24	24	GAI-S-12-G 3/8“
630	12	G 1/2“	50,0	30,5	20,0	27	24	GAI-S-12-G 1/2“
630	14	G 3/8“	50,0	30,0	17,0	24	27	GAI-S-14-G 3/8“
630	14	G 1/2“	52,0	32,0	20,0	27	27	GAI-S-14-G 1/2“
400	16	G 3/8“	48,0	26,5	17,5	27	30	GAI-S-16-G 3/8“
400	16	G 1/2“	53,0	31,5	20,0	27	30	GAI-S-16-G 1/2“
400	16	G 3/4“	55,0	34,5	22,0	36	30	GAI-S-16-G 3/4“
400	20	G 1/2“	57,0	32,5	20,0	32	36	GAI-S-20-G 1/2“
400	20	G 3/4“	60,0	34,5	22,0	36	36	GAI-S-20-G 3/4“
400	25	G 3/4“	60,0	35,0	22,0	41	46	GAI-S-25-G 3/4“
400	25	G 1“	66,5	37,5	24,5	41	46	GAI-S-25-G 1“
400	30	G 1 1/4“	72,5	42,0	26,5	55	50	GAI-S-30-G 1 1/4“
315	38	G 1 1/2“	79,5	43,5	28,5	60	60	GAI-S-38-G 1 1/2“

GAI - GERADE - AUFSCHRAUB - VERSCHRAUBUNGEN
GAI - FEMALE - STUD - COUPLINGS

Gerade Aufschraub-Verschraubungen
Innengewinde: Whitworth-Rohrgewinde - Zylindrisch

Female Stud Couplings
Female Thread: BSP - Parallel



Reihe / Series L

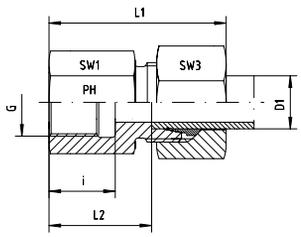
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3	
315	6	G 1/8“	36,0	19,0	12,0	14	14	GAI-L-06-G 1/8“-SC
315	6	G 1/4“	41,0	24,0	17,0	19	14	GAI-L-06-G 1/4“-SC
315	6	G 3/8“	42,0	24,0	17,0	24	14	GAI-L-06-G 3/8“-SC
315	6	G 1/2“	46,0	31,0	20,0	27	14	GAI-L-06-G 1/2“-SC
315	8	G 1/8“	36,0	19,0	12,0	14	17	GAI-L-08-G 1/8“-SC
315	8	G 1/4“	41,0	24,0	17,0	19	17	GAI-L-08-G 1/4“-SC
315	8	G 3/8“	42,0	25,0	17,0	24	17	GAI-L-08-G 3/8“-SC
315	8	G 1/2“	46,0	32,0	20,0	27	17	GAI-L-08-G 1/2“-SC
315	10	G 1/8“	36,0	19,0	12,0	17	19	GAI-L-10-G 1/8“-SC
315	10	G 1/4“	42,0	25,0	17,0	19	19	GAI-L-10-G 1/4“-SC
315	10	G 3/8“	43,0	26,0	17,0	24	19	GAI-L-10-G 3/8“-SC
315	10	G 1/2“	47,0	30,0	20,0	27	19	GAI-L-10-G 1/2“-SC
315	12	G 1/4“	42,0	25,0	17,0	19	22	GAI-L-12-G 1/4“-SC
315	12	G 3/8“	43,0	26,0	17,0	24	22	GAI-L-12-G 3/8“-SC
315	12	G 1/2“	48,0	30,0	20,0	27	22	GAI-L-12-G 1/2“-SC
315	15	G 3/8“	46,0	27,0	17,5	24	27	GAI-L-15-G 3/8“-SC
315	15	G 1/2“	49,0	31,0	20,0	27	27	GAI-L-15-G 1/2“-SC
160	15	G 3/4“	53,0	34,0	22,0	32	27	GAI-L-15-G 3/4“-SC
315	18	G 3/8“	47,0	26,5	17,5	27	32	GAI-L-18-G 3/8“-SC
315	18	G 1/2“	50,5	30,5	20,0	27	32	GAI-L-18-G 1/2“-SC
160	18	G 3/4“	53,5	33,5	22,0	36	32	GAI-L-18-G 3/4“-SC
160	22	G 1/2“	55,0	33,5	20,0	32	36	GAI-L-22-G 1/2“-SC
160	22	G 3/4“	56,0	35,5	22,0	36	36	GAI-L-22-G 3/4“-SC
160	28	G 3/4“	57,5	35,0	22,0	41	41	GAI-L-28-G 3/4“-SC
160	28	G 1“	60,5	38,0	24,5	41	41	GAI-L-28-G 1“-SC
160	35	G 1 1/4“	68,5	41,0	26,5	55	50	GAI-L-35-G 1 1/4“-SC
160	42	G 1 1/2“	69,5	42,5	28,5	60	60	GAI-L-42-G 1 1/2“-SC

GAI - GERADE - AUFSCHRAUB - VERSCHRAUBUNGEN

GAI - FEMALE - STUD - COUPLINGS

Gerade Aufschraub-Verschraubungen
Innengewinde: Whitworth-Rohrgewinde - Zylindrisch

Female Stud Couplings
Female Thread: BSP - Parallel



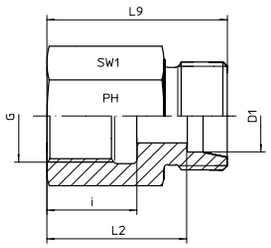
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**	
630	6	G 1/4“	42,0	26,0	17,0	19	17	GAI-S-06-G 1/4“-SC
630	6	G 3/8“			17,0	24	17	GAI-S-06-G 3/8“-SC
630	6	G 1/2“	48,0	31,0	20,0	27	17	GAI-S-06-G 1/2“-SC
630	8	G 1/4“	43,0	26,0	17,0	19	19	GAI-S-08-G 1/4“-SC
630	8	G 3/8“	44,0	27,0	17,0	24	19	GAI-S-08-G 3/8“-SC
630	8	G 1/2“	48,0	31,0	20,0	27	19	GAI-S-08-G 1/2“-SC
630	10	G 3/8“	45,0	26,5	17,0	24	22	GAI-S-10-G 3/8“-SC
630	10	G 1/2“	49,5	30,5	20,0	27	22	GAI-S-10-G 1/2“-SC
630	12	G 1/4“	46,0	27,5	17,0	22	24	GAI-S-12-G 1/4“-SC
630	12	G 3/8“	45,0	26,5	17,0	24	24	GAI-S-12-G 3/8“-SC
630	12	G 1/2“	50,0	30,5	20,0	27	24	GAI-S-12-G 1/2“-SC
630	14	G 3/8“	50,0	30,0	17,0	24	27	GAI-S-14-G 3/8“-SC
630	14	G 1/2“	52,0	32,0	20,0	27	27	GAI-S-14-G 1/2“-SC
400	16	G 3/8“	48,0	26,5	17,5	27	30	GAI-S-16-G 3/8“-SC
400	16	G 1/2“	53,0	31,5	20,0	27	30	GAI-S-16-G 1/2“-SC
400	16	G 3/4“	55,0	34,5	22,0	36	30	GAI-S-16-G 3/4“-SC
400	20	G 1/2“	57,0	32,5	20,0	32	36	GAI-S-20-G 1/2“-SC
400	20	G 3/4“	60,0	34,5	22,0	36	36	GAI-S-20-G 3/4“-SC
400	25	G 3/4“	60,0	35,0	22,0	41	46	GAI-S-25-G 3/4“-SC
400	25	G 1“	66,5	37,5	24,5	41	46	GAI-S-25-G 1“-SC
400	30	G 1 1/4“	72,5	42,0	26,5	55	50	GAI-S-30-G 1 1/4“-SC
315	38	G 1 1/2“	79,5	43,5	28,5	60	60	GAI-S-38-G 1 1/2“-SC

GAI - GERADE - AUFSCHRAUB - VERSCHRAUBUNGEN
GAI - FEMALE - STUD - COUPLINGS

Gerade Aufschraub-Verschraubungsstutzen
Innengewinde: Whitworth-Rohrgewinde - Zylindrisch

Female Stud Coupling Bodies
Female Thread: BSP - Parallel



Reihe / Series L

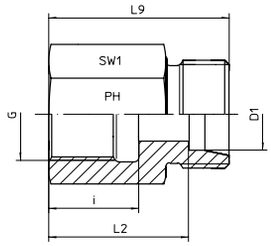
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L9	i	SW1		
315	6	G 1/8“	19,0	26,0	12,0	14		GAI-L-06-G 1/8“-OMD
315	6	G 1/4“	24,0	31,0	17,0	19		GAI-L-06-G 1/4“-OMD
315	6	G 3/8“	24,0	32,0	17,0	24		GAI-L-06-G 3/8“-OMD
315	6	G 1/2“	31,0	36,0	20,0	27		GAI-L-06-G 1/2“-OMD
315	8	G 1/8“	19,0	26,0	12,0	14		GAI-L-08-G 1/8“-OMD
315	8	G 1/4“	24,0	31,0	17,0	19		GAI-L-08-G 1/4“-OMD
315	8	G 3/8“	25,0	32,0	17,0	24		GAI-L-08-G 3/8“-OMD
315	8	G 1/2“	32,0	36,0	20,0	27		GAI-L-08-G 1/2“-OMD
315	10	G 1/8“	19,0	26,0	12,0	17		GAI-L-10-G 1/8“-OMD
315	10	G 1/4“	25,0	32,0	17,0	19		GAI-L-10-G 1/4“-OMD
315	10	G 3/8“	26,0	33,0	17,0	24		GAI-L-10-G 3/8“-OMD
315	10	G 1/2“	30,0	37,0	20,0	27		GAI-L-10-G 1/2“-OMD
315	12	G 1/4“	25,0	32,0	17,0	19		GAI-L-12-G 1/4“-OMD
315	12	G 3/8“	26,0	33,0	17,0	24		GAI-L-12-G 3/8“-OMD
315	12	G 1/2“	30,0	38,0	20,0	27		GAI-L-12-G 1/2“-OMD
315	15	G 3/8“	27,0	34,0	17,5	24		GAI-L-15-G 3/8“-OMD
315	15	G 1/2“	31,0	38,0	20,0	27		GAI-L-15-G 1/2“-OMD
160	15	G 3/4“	34,0	41,0	22,0	32		GAI-L-15-G 3/4“-OMD
315	18	G 3/8“	26,5	35,0	17,5	27		GAI-L-18-G 3/8“-OMD
315	18	G 1/2“	30,5	38,0	20,0	27		GAI-L-18-G 1/2“-OMD
160	18	G 3/4“	33,5	41,0	22,0	36		GAI-L-18-G 3/4“-OMD
160	22	G 1/2“	33,5	41,0	20,0	32		GAI-L-22-G 1/2“-OMD
160	22	G 3/4“	35,5	43,0	22,0	36		GAI-L-22-G 3/4“-OMD
160	28	G 3/4“	35,0	42,5	22,0	41		GAI-L-28-G 3/4“-OMD
160	28	G 1“	38,0	45,5	24,5	41		GAI-L-28-G 1“-OMD
160	35	G 1 1/4“	41,0	51,5	26,5	55		GAI-L-35-G 1 1/4“-OMD
160	42	G 1 1/2“	42,5	53,5	28,5	60		GAI-L-42-G 1 1/2“-OMD

GAI - GERADE - AUFSCHRAUB - VERSCHRAUBUNGEN

GAI - FEMALE - STUD - COUPLINGS

Gerade Aufschraub-Verschraubungsstutzen
Innengewinde: Whitworth-Rohrgewinde - Zylindrisch

Female Stud Coupling Bodies
Female Thread: BSP - Parallel



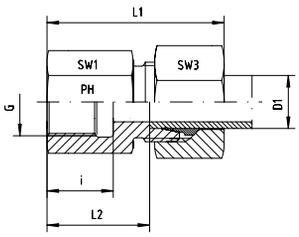
Reihe / Series S

Druck Pressure	**Rohr A.D.** Tube O.D.	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions				**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**D1**	**G**	**L2**	**L9**	**i**	**SW1**		
630	6	G 1/4“	26,0	33,5	17,0	19		GAI-S-06-G 1/4“-OMD
630	6	G 3/8“			17,0	24		GAI-S-06-G 3/8“-OMD
630	6	G 1/2“	31,0		20,0	27		GAI-S-06-G 1/2“-OMD
630	8	G 1/4“	26,0	33,0	17,0	19		GAI-S-08-G 1/4“-OMD
630	8	G 3/8“	27,0	34,0	17,0	24		GAI-S-08-G 3/8“-OMD
630	8	G 1/2“	31,0	38,0	20,0	27		GAI-S-08-G 1/2“-OMD
630	10	G 3/8“	26,5	34,0	17,0	24		GAI-S-10-G 3/8“-OMD
630	10	G 1/2“	30,5	38,0	20,0	27		GAI-S-10-G 1/2“-OMD
630	12	G 1/4“	27,5	35,0	17,0	22		GAI-S-12-G 1/4“-OMD
630	12	G 3/8“	26,5	34,0	17,0	24		GAI-S-12-G 3/8“-OMD
630	12	G 1/2“	30,5	38,0	20,0	27		GAI-S-12-G 1/2“-OMD
630	14	G 3/8“	30,0	38,0	17,0	24		GAI-S-14-G 3/8“-OMD
630	14	G 1/2“	32,0	40,0	20,0	27		GAI-S-14-G 1/2“-OMD
400	16	G 3/8“	26,5	35,0	17,5	27		GAI-S-16-G 3/8“-OMD
400	16	G 1/2“	31,5	40,0	20,0	27		GAI-S-16-G 1/2“-OMD
400	16	G 3/4“	34,5	43,0	22,0	36		GAI-S-16-G 3/4“-OMD
400	20	G 1/2“	32,5	43,0	20,0	32		GAI-S-20-G 1/2“-OMD
400	20	G 3/4“	34,5	45,0	22,0	36		GAI-S-20-G 3/4“-OMD
400	25	G 3/4“	35,0	47,0	22,0	41		GAI-S-25-G 3/4“-OMD
400	25	G 1“	37,5	49,5	24,5	41		GAI-S-25-G 1“-OMD
400	30	G 1 1/4“	42,0	55,5	26,5	55		GAI-S-30-G 1 1/4“-OMD
315	38	G 1 1/2“	43,5	59,5	28,5	60		GAI-S-38-G 1 1/2“-OMD

GAI - GERADE - AUFSCHRAUB - VERSCHRAUBUNGEN
GAI - FEMALE - STUD - COUPLINGS

Gerade Aufschraub-Verschraubungen
Innengewinde: Metrisches Feingewinde - Zylindrisch

Female Stud Couplings
Female Thread: Metric - Parallel



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
315	6	M 10 x 1	34,0	19,5	12,5	14	14		GAI-L-06-M 10x1
315	8	M 12 x 1,5	39,0	24,0	17,0	17	17		GAI-L-08-M 12x1,5
315	10	M 14 x 1,5	40,0	25,0	17,0	19	19		GAI-L-10-M 14x1,5
315	12	M 16 x 1,5	41,0	26,0	17,0	22	22		GAI-L-12-M 16x1,5
315	12	M 20 x 1,5	41,0	26,0	18,0	27	22		GAI-L-12-M 20x1,5
315	15	M 18 x 1,5	43,0	28,0	17,0	24	27		GAI-L-15-M 18x1,5
315	18	M 22 x 1,5	46,0	29,5	19,0	30	32		GAI-L-18-M 22x1,5
315	18	M 26 x 1,5	46,0	29,5	19,0	32	32		GAI-L-18-M 26x1,5
160	22	M 26 x 1,5	51,0	34,5	21,0	32	36		GAI-L-22-M 26x1,5
160	28	M 33 x 2	54,0	37,5	24,0	41	41		GAI-L-28-M 33x2
160	35	M 42 x 2	62,0	40,5	26,0	55	50		GAI-L-35-M 42x2
160	42	M 48 x 2	65,0	42,0	28,0	55	60		GAI-L-42-M 48x2

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
630	6	M 12 x 1,5	41,0	26,0	17,0	17	17		GAI-S-06-M 12x1,5
630	8	M 14 x 1,5	41,0	26,0	17,0	19	19		GAI-S-08-M 14x1,5
630	10	M 16 x 1,5	43,0	26,5	17,0	22	22		GAI-S-10-M 16x1,5
630	12	M 18 x 1,5	44,0	27,5	17,0	24	24		GAI-S-12-M 18x1,5
630	14	M 20 x 1,5	49,0	31,0	19,0	27	27		GAI-S-14-M 20x1,5
400	16	M 22 x 1,5	49,0	30,5	19,0	30	30		GAI-S-16-M 22x1,5
400	20	M 27 x 2	56,0	34,5	22,0	32	36		GAI-S-20-M 27x2
400	25	M 33 x 2	61,0	37,0	24,0	41	46		GAI-S-25-M 33x2
400	30	M 42 x 2	68,0	41,5	26,0	50	50		GAI-S-30-M 42x2
315	38	M 48 x 2	74,0	43,0	28,0	55	60		GAI-S-38-M 48x2

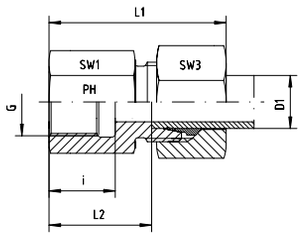
GAI - GERADE - AUFSCHRAUB - VERSCHRAUBUNGEN

GAI - FEMALE - STUD - COUPLINGS

EDELSTAHL / STAINLESS STEEL
VERBINDUNGSTECHNIK
FLUID CONNECTORS

Gerade Aufschraub-Verschraubungen
Innengewinde: Metrisches Feingewinde - Zylindrisch

Female Stud Couplings
Female Thread: Metric - Parallel



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
315	6	M 10 x 1	34,0	19,5	12,5	14	14		GAI-L-06-M 10x1-SC
315	8	M 12 x 1,5	39,0	24,0	17,0	17	17		GAI-L-08-M 12x1,5-SC
315	10	M 14 x 1,5	40,0	25,0	17,0	19	19		GAI-L-10-M 14x1,5-SC
315	12	M 16 x 1,5	41,0	26,0	17,0	22	22		GAI-L-12-M 16x1,5-SC
315	12	M 20 x 1,5	41,0	26,0	18,0	27	22		GAI-L-12-M 20x1,5-SC
315	15	M 18 x 1,5	43,0	28,0	17,0	24	27		GAI-L-15-M 18x1,5-SC
315	18	M 22 x 1,5	46,0	29,5	19,0	30	32		GAI-L-18-M 22x1,5-SC
315	18	M 26 x 1,5	46,0	29,5	19,0	32	32		GAI-L-18-M 26x1,5-SC
160	22	M 26 x 1,5	51,0	34,5	21,0	32	36		GAI-L-22-M 26x1,5-SC
160	28	M 33 x 2	54,0	37,5	24,0	41	41		GAI-L-28-M 33x2-SC
160	35	M 42 x 2	62,0	40,5	26,0	55	50		GAI-L-35-M 42x2-SC
160	42	M 48 x 2	65,0	42,0	28,0	55	60		GAI-L-42-M 48x2-SC

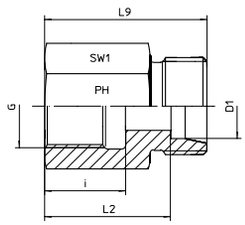
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
630	6	M 12 x 1,5	41,0	26,0	17,0	17	17		GAI-S-06-M 12x1,5-SC
630	10	M 16 x 1,5	43,0	26,5	17,0	22	22		GAI-S-10-M 16x1,5-SC
630	8	M 14 x 1,5	41,0	26,0	17,0	19	19		GAI-S-08-M 14x1,5-SC
630	12	M 18 x 1,5	44,0	27,5	17,0	24	24		GAI-S-12-M 18x1,5-SC
630	14	M 20 x 1,5	49,0	31,0	19,0	27	27		GAI-S-14-M 20x1,5-SC
400	16	M 22 x 1,5	49,0	30,5	19,0	30	30		GAI-S-16-M 22x1,5-SC
400	20	M 27 x 2	56,0	34,5	22,0	32	36		GAI-S-20-M 27x2-SC
400	25	M 33 x 2	61,0	37,0	24,0	41	46		GAI-S-25-M 33x2-SC
400	30	M 42 x 2	68,0	41,5	26,0	50	50		GAI-S-30-M 42x2-SC
315	38	M 48 x 2	74,0	43,0	28,0	55	60		GAI-S-38-M 48x2-SC

GAI - GERADE - AUFSCHRAUB - VERSCHRAUBUNGEN
GAI - FEMALE - STUD - COUPLINGS

Gerade Aufschraub-Verschraubungsstutzen
Innengewinde: Metrisches Feingewinde - Zylindrisch

Female Stud Coupling Bodies
Female Thread: Metric - Parallel



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L9**	**i**	**SW1**		
315	6	M 10 x 1	19,5	26,0	12,5	14		GAI-L-06-M 10x1-OMD
315	8	M 12 x 1,5	24,0	31,0	17,0	17		GAI-L-08-M 12x1,5-OMD
315	10	M 14 x 1,5	25,0	32,0	17,0	19		GAI-L-10-M 14x1,5-OMD
315	12	M 16 x 1,5	26,0	33,0	17,0	22		GAI-L-12-M 16x1,5-OMD
315	12	M 20 x 1,5	26,0	33,0	18,0	27		GAI-L-12-M 20x1,5-OMD
315	15	M 18 x 1,5	28,0	34,0	17,0	24		GAI-L-15-M 18x1,5-OMD
315	18	M 22 x 1,5	29,5	37,0	19,0	30		GAI-L-18-M 22x1,5-OMD
315	18	M 26 x 1,5	29,5		19,0	32		GAI-L-18-M 26x1,5-OMD
160	22	M 26 x 1,5	34,5	42,0	21,0	32		GAI-L-22-M 26x1,5-OMD
160	28	M 33 x 2	37,5		24,0	41		GAI-L-28-M 33x2-OMD
160	35	M 42 x 2	40,5	51,0	26,0	55		GAI-L-35-M 42x2-OMD
160	42	M 48 x 2	42,0		28,0	55		GAI-L-42-M 48x2-OMD

Reihe / Series S

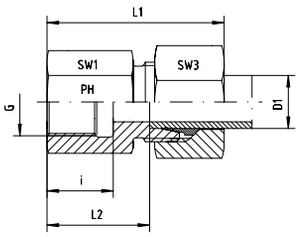
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L9**	**i**	**SW1**		
630	6	M 12 x 1,5	26,0	33,0	17,0	17		GAI-S-06-M 12x1,5-OMD
630	8	M 14 x 1,5	26,0	33,0	17,0	19		GAI-S-08-M 14x1,5-OMD
630	10	M 16 x 1,5	26,5	34,0	17,0	22		GAI-S-10-M 16x1,5-OMD
630	12	M 18 x 1,5	27,5	34,0	17,0	24		GAI-S-12-M 18x1,5-OMD
630	14	M 20 x 1,5	31,0	35,0	19,0	27		GAI-S-14-M 20x1,5-OMD
400	16	M 22 x 1,5	30,5	39,0	19,0	30		GAI-S-16-M 22x1,5-OMD
400	20	M 27 x 2	34,5		22,0	32		GAI-S-20-M 27x2-OMD
400	25	M 33 x 2	37,0	49,0	24,0	41		GAI-S-25-M 33x2-OMD
400	30	M 42 x 2	41,5		26,0	50		GAI-S-30-M 42x2-OMD
315	38	M 48 x 2	43,0		28,0	55		GAI-S-38-M 48x2-OMD

GAI - GERADE - AUFSCHRAUB - VERSCHRAUBUNGEN

GAI - FEMALE - STUD - COUPLINGS

Gerade Aufschraub-Verschraubungen
Innengewinde: NPT

Female Stud Couplings
Female Thread: NPT



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
315	6	1/8“ NPT	34,0	19,0	11,6	14	14		GAI-L-06-1/8“-NPT
315	6	1/4“ NPT	38,0	23,5	16,4	19	14		GAI-L-06-1/4“-NPT
315	6	3/8“ NPT			17,4	24	14		GAI-L-06-3/8“-NPT
315	8	1/4“ NPT	38,0	23,5	16,4	19	17		GAI-L-08-1/4“-NPT
315	8	3/8“ NPT	39,0	25,0	17,4	24	17		GAI-L-08-3/8“-NPT
315	10	1/4“ NPT	39,0	24,0	16,4	19	19		GAI-L-10-1/4“-NPT
315	10	3/8“ NPT	43,0	26,0	17,4	24	19		GAI-L-10-3/8“-NPT
315	10	1/2“ NPT			22,6	27	19		GAI-L-10-1/2“-NPT
315	12	1/4“ NPT	42,0	25,0	16,4	19	22		GAI-L-12-1/4“-NPT
315	12	3/8“ NPT	42,0	27,0	17,4	24	22		GAI-L-12-3/8“-NPT
315	12	1/2“ NPT	47,0	32,0	22,6	27	22		GAI-L-12-1/2“-NPT
315	15	3/8“ NPT		26,0	17,4	24	27		GAI-L-15-3/8“-NPT
315	15	1/2“ NPT	48,0	31,0	22,6	27	27		GAI-L-15-1/2“-NPT
315	18	1/2“ NPT	49,0	32,5	22,6	27	27		GAI-L-18-1/2“-NPT
160	22	3/4“ NPT	52,0	35,5	23,1	36	36		GAI-L-22-3/4“-NPT
160	28	1“ NPT	57,0	40,5	27,8	41	41		GAI-L-28-1“-NPT
160	35	1 1/4“ NPT	62,0	40,5	28,3	55	50		GAI-L-35-1 1/4“-NPT
160	42	1 1/2“ NPT	65,0	42,0	28,3	55	60		GAI-L-42-1 1/2“-NPT

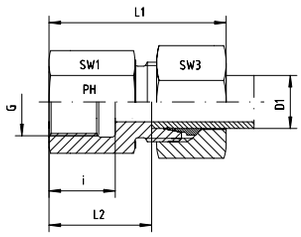
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW3**		
630	6	1/4“ NPT	41,0	26,0	16,4	19	17		GAI-S-06-1/4“-NPT
630	8	1/4“ NPT	41,0	26,0	16,4	19	19		GAI-S-08-1/4“-NPT
630	10	3/8“ NPT	44,0	27,0	17,4	24	22		GAI-S-10-3/8“-NPT
630	12	3/8“ NPT	44,0	27,5	17,4	24	24		GAI-S-12-3/8“-NPT
630	12	1/2“ NPT	50,0	33,5	22,6	27	24		GAI-S-12-1/2“-NPT
630	14	1/2“ NPT	53,0	35,0	22,6	27	27		GAI-S-14-1/2“-NPT
400	16	3/8“ NPT	48,0	27,5	17,4	27	30		GAI-S-16-3/8“-NPT
400	16	1/2“ NPT	50,0	34,5	22,6	27	30		GAI-S-16-1/2“-NPT
400	20	3/4“ NPT	57,0	35,5	23,1	36	36		GAI-S-20-3/4“-NPT
400	25	1“ NPT	65,0	41,0	27,8	41	46		GAI-S-25-1“-NPT
400	30	1 1/4“ NPT	70,0	43,5	28,3	55	50		GAI-S-30-1 1/4“-NPT
315	38	1 1/2“ NPT	74,0	43,0	28,3	60	60		GAI-S-38-1 1/2“-NPT

GAI - GERADE - AUFSCHRAUB - VERSCHRAUBUNGEN
GAI - FEMALE - STUD - COUPLINGS

Gerade Aufschraub-Verschraubungen
Innengewinde: NPT

Female Stud Couplings
Female Thread: NPT



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
315	6	1/8“ NPT	34,0	19,0	11,6	14	14		GAI-L-06-1/8“-NPT-SC
315	6	1/4“ NPT	38,0	23,5	16,4	19	14		GAI-L-06-1/4“-NPT-SC
315	6	3/8“ NPT			17,4	24	14		GAI-L-06-3/8“-NPT-SC
315	8	1/4“ NPT	38,0	23,5	16,4	19	17		GAI-L-08-1/4“-NPT-SC
315	8	3/8“ NPT	39,0	25,0	17,4	24	17		GAI-L-08-3/8“-NPT-SC
315	10	1/4“ NPT	39,0	24,0	16,4	19	19		GAI-L-10-1/4“-NPT-SC
315	10	3/8“ NPT			17,4	24	19		GAI-L-10-3/8“-NPT-SC
315	10	1/2“ NPT			22,6	27	19		GAI-L-10-1/2“-NPT-SC
315	12	1/4“ NPT	42,0	25,0	16,4	19	22		GAI-L-12-1/4“-NPT-SC
315	12	3/8“ NPT	42,0	27,0	17,4	24	22		GAI-L-12-3/8“-NPT-SC
315	12	1/2“ NPT	47,0	32,0	22,6	27	22		GAI-L-12-1/2“-NPT-SC
315	15	3/8“ NPT		26,0	17,4	24	27		GAI-L-15-3/8“-NPT-SC
315	15	1/2“ NPT	48,0	31,0	22,6	27	27		GAI-L-15-1/2“-NPT-SC
315	18	1/2“ NPT	49,0	32,5	22,6	27	27		GAI-L-18-1/2“-NPT-SC
160	22	3/4“ NPT	52,0	35,5	23,1	36	36		GAI-L-22-3/4“-NPT-SC
160	28	1“ NPT	57,0	40,5	27,8	41	41		GAI-L-28-1“-NPT-SC
160	35	1 1/4“ NPT	62,0	40,5	28,3	55	50		GAI-L-35-1 1/4“-NPT-SC
160	42	1 1/2“ NPT	65,0	42,0	28,3	55	60		GAI-L-42-1 1/2“-NPT-SC

Reihe / Series S

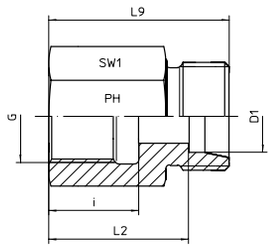
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	i	SW1	SW3		
630	6	1/4“ NPT	41,0	26,0	16,4	19	17		GAI-S-06-1/4“-NPT-SC
630	8	1/4“ NPT	41,0	26,0	16,4	19	19		GAI-S-08-1/4“-NPT-SC
630	10	3/8“ NPT	44,0	27,0	17,4	24	22		GAI-S-10-3/8“-NPT-SC
630	12	3/8“ NPT	44,0	27,5	17,4	24	24		GAI-S-12-3/8“-NPT-SC
630	12	1/2“ NPT	50,0	33,5	22,6	27	24		GAI-S-12-1/2“-NPT-SC
630	14	1/2“ NPT	53,0	35,0	22,6	27	27		GAI-S-14-1/2“-NPT-SC
400	16	3/8“ NPT	48,0	27,5	17,4	27	30		GAI-S-16-3/8“-NPT-SC
400	16	1/2“ NPT	50,0	34,5	22,6	27	30		GAI-S-16-1/2“-NPT-SC
400	20	3/4“ NPT	57,0	35,5	23,1	36	36		GAI-S-20-3/4“-NPT-SC
400	25	1“ NPT	65,0	41,0	27,8	41	46		GAI-S-25-1“-NPT-SC
400	30	1 1/4“ NPT	70,0	43,5	28,3	55	50		GAI-S-30-1 1/4“-NPT-SC
315	38	1 1/2“ NPT	74,0	43,0	28,3	60	60		GAI-S-38-1 1/2“-NPT-SC

GAI - GERADE - AUFSCHRAUB - VERSCHRAUBUNGEN

GAI - FEMALE - STUD - COUPLINGS

Gerade Aufschraub-Verschraubungsstutzen
Innengewinde: NPT

Female Stud Coupling Bodies
Female Thread: NPT



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L9**	**i**	**SW1**		
315	6	1/8“ NPT	19,0	26,0	11,6	14		GAI-L-06-1/8“-NPT-OMD
315	6	1/4“ NPT	23,5	31,0	16,4	19		GAI-L-06-1/4“-NPT-OMD
315	6	3/8“ NPT			17,4	24		GAI-L-06-3/8“-NPT-OMD
315	8	1/4“ NPT	23,5	31,0	16,4	19		GAI-L-08-1/4“-NPT-OMD
315	8	3/8“ NPT	25,0	32,0	17,4	24		GAI-L-08-3/8“-NPT-OMD
315	10	1/4“ NPT	24,0	32,0	16,4	19		GAI-L-10-1/4“-NPT-OMD
315	10	3/8“ NPT	26,0	33,0	17,4	24		GAI-L-10-3/8“-NPT-OMD
315	10	1/2“ NPT			22,6	27		GAI-L-10-1/2“-NPT-OMD
315	12	1/4“ NPT	25,0	32,0	16,4	19		GAI-L-12-1/4“-NPT-OMD
315	12	3/8“ NPT	27,0	32,0	17,4	24		GAI-L-12-3/8“-NPT-OMD
315	12	1/2“ NPT	32,0	39,0	22,6	27		GAI-L-12-1/2“-NPT-OMD
315	15	3/8“ NPT	26,0	33,0	17,4	24		GAI-L-15-3/8“-NPT-OMD
315	15	1/2“ NPT	31,0	38,0	22,6	27		GAI-L-15-1/2“-NPT-OMD
315	18	1/2“ NPT	32,5	40,0	22,6	27		GAI-L-18-1/2“-NPT-OMD
160	22	3/4“ NPT	35,5	43,0	23,1	36		GAI-L-22-3/4“-NPT-OMD
160	28	1“ NPT	40,5	48,0	27,8	41		GAI-L-28-1“-NPT-OMD
160	35	1 1/4“ NPT	40,5	51,0	28,3	55		GAI-L-35-1 1/4“-NPT-OMD
160	42	1 1/2“ NPT	42,0	53,0	28,3	55		GAI-L-42-1 1/2“-NPT-OMD

Reihe / Series S

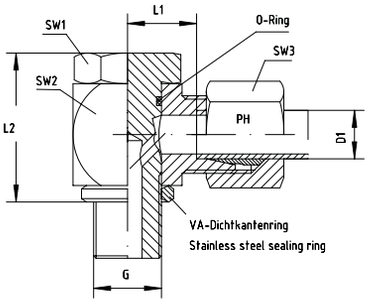
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L9**	**i**	**SW1**		
630	6	1/4“ NPT	26,0	33,0	16,4	19		GAI-S-06-1/4“-NPT-OMD
630	8	1/4“ NPT	26,0	32,0	16,4	19		GAI-S-08-1/4“-NPT-OMD
630	10	3/8“ NPT	27,0	34,5	17,4	24		GAI-S-10-3/8“-NPT-OMD
630	12	3/8“ NPT	27,5	35,0	17,4	24		GAI-S-12-3/8“-NPT-OMD
630	12	1/2“ NPT	33,5	40,0	22,6	27		GAI-S-12-1/2“-NPT-OMD
630	14	1/2“ NPT	35,0	41,0	22,6	27		GAI-S-14-1/2“-NPT-OMD
400	16	3/8“ NPT	27,5	35,0	17,4	27		GAI-S-16-3/8“-NPT-OMD
400	16	1/2“ NPT	34,5	43,0	22,6	27		GAI-S-16-1/2“-NPT-OMD
400	20	3/4“ NPT	35,5	45,0	23,1	36		GAI-S-20-3/4“-NPT-OMD
400	25	1“ NPT	41,0	53,0	27,8	41		GAI-S-25-1“-NPT-OMD
400	30	1 1/4“ NPT	43,5	57,0	28,3	55		GAI-S-30-1 1/4“-NPT-OMD
315	38	1 1/2“ NPT	43,0	59,0	28,3	60		GAI-S-38-1 1/2“-NPT-OMD

WHV - WINKEL - SCHWENK - VERSCHRAUBUNGEN

WHV - BANJO - ELBOWS

Winkel-Schwenkverschraubungen
Mit VA-Dichtkantenring für Ausdrehung DIN 3852 (schmal)
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
O-Ring: FPM

Banjo Elbows
With Stainless Steel Sealing Ring for DIN 3852 (small)
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
Thread G: BSP - Parallel
O-Ring: FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
100	4	G 1/8“	11,0	24,0	17	18	10	9,3 x 1,3	WHV-LL-04-G 1/8“
100	6	G 1/8“	11,5	24,0	17	18	12	9,3 x 1,3	WHV-LL-06-G 1/8“
100	8	G 1/8“	12,5	24,0	17	18	14	9,3 x 1,3	WHV-LL-08-G 1/8“

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
500	6	G 1/8“	12,0	24,0	17	18	14	9,3 x 1,3	WHV-L-06-G 1/8“
400	8	G 1/4“	15,5	30,0	19	22	17	12,5 x 1,5	WHV-L-08-G 1/4“
350	10	G 1/4“	15,5	30,0	19	22	19	12,5 x 1,5	WHV-L-10-G 1/4“
350	10	G 3/8“	17,5	35,0	24	27	19	16 x 1,5	WHV-L-10-G 3/8“
350	12	G 1/4“	15,5	30,0	19	22	22	12,5 x 1,5	WHV-L-12-G 1/4“
350	12	G 3/8“	18,0	36,0	24	27	22	16 x 1,5	WHV-L-12-G 3/8“
315	12	G 1/2“	21,5	45,0	30	32	22	20 x 1,5	WHV-L-12-G 1/2“
315	15	G 1/2“	21,5	45,0	30	32	27	20 x 1,5	WHV-L-15-G 1/2“
315	18	G 1/2“	21,0	45,0	30	32	32	20 x 1,5	WHV-L-18-G 1/2“
200	22	G 3/4“	27,5	53,0	36	40	36	25 x 2,0	WHV-L-22-G 3/4“
200	28	G 1“	32,0	66,0	46	50	41	33 x 2,5	WHV-L-28-G 1“
200	35	G 1 1/4“	36,0	76,0	55	60	50	41 x 2,5	WHV-L-35-G 1 1/4“
200	42	G 1 1/2“	40,5	87,0	60	70	60	46 x 3,0	WHV-L-42-G 1 1/2“

Reihe / Series S

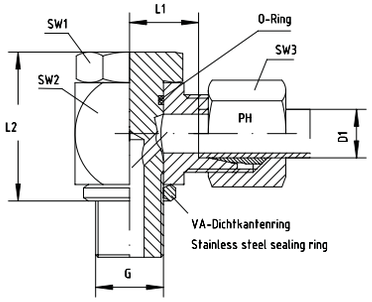
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
500	6	G 1/4“	16,5	30,0	19	22	17	12,5 x 1,5	WHV-S-06-G 1/4“
450	8	G 1/4“	16,5	30,0	19	22	19	12,5 x 1,5	WHV-S-08-G 1/4“
400	10	G 1/4“	16,5	30,0	19	22	22	12,5 x 1,5	WHV-S-10-G 1/4“
400	10	G 3/8“	18,5	36,0	24	27	22	16 x 1,5	WHV-S-10-G 3/8“
400	12	G 3/8“	18,5	36,0	24	27	24	16 x 1,5	WHV-S-12-G 3/8“
400	14	G 1/2“	22,5	45,0	30	32	27	20 x 1,5	WHV-S-14-G 1/2“
400	16	G 1/2“	22,0	45,0	30	32	30	20 x 1,5	WHV-S-16-G 1/2“
400	20	G 3/4“	26,5	53,0	36	40	36	25 x 2,0	WHV-S-20-G 3/4“
250	25	G 1“	31,5	66,0	46	50	46	33 x 2,5	WHV-S-25-G 1“
250	30	G 1 1/4“	37,0	76,0	55	60	50	41 x 2,5	WHV-S-30-G 1 1/4“
250	38	G 1 1/2“	41,5	87,0	60	70	60	46 x 3,0	WHV-S-38-G 1 1/2“

WHV - WINKEL - SCHWENK - VERSCHRAUBUNGEN

WHV - BANJO - ELBOWS

Winkel-Schwenkverschraubungen
Mit VA-Dichtkantenring für Ausdrehung DIN 3852 (schmal)
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
O-Ring: FPM

Banjo Elbows
With Stainless Steel Sealing Ring for DIN 3852 (small)
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
Thread G: BSP - Parallel
O-Ring: FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	G 1/8“	12,0	24,0	17	18	14	9,3 x 1,3	WHV-L-06-G 1/8“-SC
400	8	G 1/4“	15,5	30,0	19	22	17	12,5 x 1,5	WHV-L-08-G 1/4“-SC
350	10	G 1/4“	15,5	30,0	19	22	19	12,5 x 1,5	WHV-L-10-G 1/4“-SC
350	10	G 3/8“	17,5	35,0	24	27	19	16 x 1,5	WHV-L-10-G 3/8“-SC
350	12	G 1/4“	15,5	30,0	19	22	22	12,5 x 1,5	WHV-L-12-G 1/4“-SC
350	12	G 3/8“	18,0	36,0	24	27	22	16 x 1,5	WHV-L-12-G 3/8“-SC
315	12	G 1/2“	21,5	45,0	30	32	22	20 x 1,5	WHV-L-12-G 1/2“-SC
315	15	G 1/2“	21,5	45,0	30	32	27	20 x 1,5	WHV-L-15-G 1/2“-SC
315	18	G 1/2“	21,0	45,0	30	32	32	20 x 1,5	WHV-L-18-G 1/2“-SC
200	22	G 3/4“	27,5	53,0	36	40	36	25 x 2,0	WHV-L-22-G 3/4“-SC
200	28	G 1“	32,0	66,0	46	50	41	33 x 2,5	WHV-L-28-G 1“-SC
200	35	G 1 1/4“	36,0	76,0	55	60	50	41 x 2,5	WHV-L-35-G 1 1/4“-SC
200	42	G 1 1/2“	40,5	87,0	60	70	60	46 x 3,0	WHV-L-42-G 1 1/2“-SC

Reihe / Series S

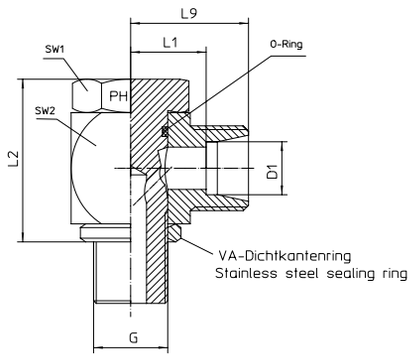
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	G 1/4“	16,5	30,0	19	22	17	12,5 x 1,5	WHV-S-06-G 1/4“-SC
450	8	G 1/4“	16,5	30,0	19	22	19	12,5 x 1,5	WHV-S-08-G 1/4“-SC
400	10	G 1/4“	16,5	30,0	19	22	22	12,5 x 1,5	WHV-S-10-G 1/4“-SC
400	10	G 3/8“	18,5	36,0	24	27	22	16 x 1,5	WHV-S-10-G 3/8“-SC
400	12	G 3/8“	18,5	36,0	24	27	24	16 x 1,5	WHV-S-12-G 3/8“-SC
400	14	G 1/2“	22,5	45,0	30	32	27	20 x 1,5	WHV-S-14-G 1/2“-SC
400	16	G 1/2“	22,0	45,0	30	32	30	20 x 1,5	WHV-S-16-G 1/2“-SC
400	20	G 3/4“	26,5	53,0	36	40	36	25 x 2,0	WHV-S-20-G 3/4“-SC
250	25	G 1“	31,5	66,0	46	50	46	33 x 2,5	WHV-S-25-G 1“-SC
250	30	G 1 1/4“	37,0	76,0	55	60	50	41 x 2,5	WHV-S-30-G 1 1/4“-SC
250	38	G 1 1/2“	41,5	87,0	60	70	60	46 x 3,0	WHV-S-38-G 1 1/2“-SC

WHV - WINKEL - SCHWENK - VERSCHRAUBUNGEN

WHV - BANJO - ELBOWS

Winkel-Schwenkverschraubungen
Mit VA-Dichtkantenring für Ausdrehung DIN 3852 (schmal)
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
O-Ring: FPM

Banjo Elbows
With Stainless Steel Sealing Ring for DIN 3852 (small)
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
Thread G: BSP - Parallel
O-Ring: FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L9**	**SW1**	**SW2**		
100	4	G 1/8“	11,0	24,0	17,0	17	18	9,3 x 1,3	WHV-LL-04-G 1/8“-OMD
100	6	G 1/8“	11,5	24,0	17,0	17	18	9,3 x 1,3	WHV-LL-06-G 1/8“-OMD
100	8	G 1/8“	12,5	24,0	18,0	17	18	9,3 x 1,3	WHV-LL-08-G 1/8“-OMD

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L9**	**SW1**	**SW2**		
500	6	G 1/8“	12,0	24,0	19,0	17	18	9,3 x 1,3	WHV-L-06-G 1/8“-OMD
400	8	G 1/4“	15,5	30,0	22,5	19	22	12,5 x 1,5	WHV-L-08-G 1/4“-OMD
350	10	G 1/4“	15,5	30,0	22,5	19	22	12,5 x 1,5	WHV-L-10-G 1/4“-OMD
350	10	G 3/8“	17,5	35,0	24,5	24	27	16 x 1,5	WHV-L-10-G 3/8“-OMD
350	12	G 1/4“	15,5	30,0	22,5	19	22	12,5 x 1,5	WHV-L-12-G 1/4“-OMD
350	12	G 3/8“	18,0	36,0	25,5	24	27	16 x 1,5	WHV-L-12-G 3/8“-OMD
315	12	G 1/2“	21,5	45,0	28,5	30	32	20 x 1,5	WHV-L-12-G 1/2“-OMD
315	15	G 1/2“	21,5	45,0	28,5	30	32	20 x 1,5	WHV-L-15-G 1/2“-OMD
315	18	G 1/2“	21,0	45,0	28,5	30	32	20 x 1,5	WHV-L-18-G 1/2“-OMD
200	22	G 3/4“	27,5	53,0	35,0	36	40	25 x 2,0	WHV-L-22-G 3/4“-OMD
200	28	G 1“	32,0	66,0	39,5	46	50	33 x 2,5	WHV-L-28-G 1“-OMD
200	35	G 1 1/4“	36,0	76,0	46,5	55	60	41 x 2,5	WHV-L-35-G 1 1/4“-OMD
200	42	G 1 1/2“	40,5	87,0	51,0	60	70	46 x 3,0	WHV-L-42-G 1 1/2“-OMD

Reihe / Series S

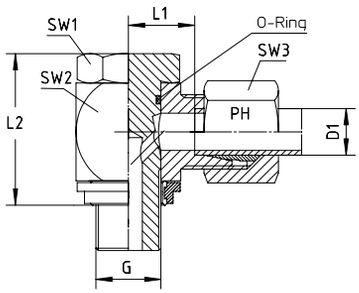
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L9**	**SW1**	**SW2**		
500	6	G 1/4“	16,5	30,0	22,5	19	22	12,5 x 1,5	WHV-S-06-G 1/4“-OMD
450	8	G 1/4“	16,5	30,0	22,5	19	22	12,5 x 1,5	WHV-S-08-G 1/4“-OMD
400	10	G 1/4“	16,5	30,0	23,5	19	22	12,5 x 1,5	WHV-S-10-G 1/4“-OMD
400	10	G 3/8“	18,5	36,0	25,5	24	27	16 x 1,5	WHV-S-10-G 3/8“-OMD
400	12	G 3/8“	18,5	36,0	25,5	24	27	16 x 1,5	WHV-S-12-G 3/8“-OMD
400	14	G 1/2“	22,5	45,0	30,5	30	32	20 x 1,5	WHV-S-14-G 1/2“-OMD
400	16	G 1/2“	22,0	45,0	30,5	30	32	20 x 1,5	WHV-S-16-G 1/2“-OMD
400	20	G 3/4“	26,5	53,0	37,0	36	40	25 x 2,0	WHV-S-20-G 3/4“-OMD
250	25	G 1“	31,5	66,0	43,5	46	50	33 x 2,5	WHV-S-25-G 1“-OMD
250	30	G 1 1/4“	37,0	76,0	51,0	55	60	41 x 2,5	WHV-S-30-G 1 1/4“-OMD
250	38	G 1 1/2“	41,5	87,0	57,0	60	70	46 x 3,0	WHV-S-38-G 1 1/2“-OMD

WHV - WINKEL - SCHWENK - VERSCHRAUBUNGEN

WHV - BANJO - ELBOWS

Winkel-Schwenkverschraubungen
Für Einschraubloch mit Eindrehung schmal
nach ISO 1179
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Mit gekammerter Weichdichtung - FPM - Rubrik 8.280
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
O-Ring: FPM

Banjo Elbows
For recesses narrow ISO 1179
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
With Bonded Seal Ring - FPM - Category 8.280
Thread G: BSP - Parallel
O-Ring: FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
100	4	G 1/8“	11,0	24,0	17	18	10	9,3 x 1,3	WHV-LL-04-G 1/8“-WDS
100	6	G 1/8“	11,5	24,0	17	18	12	9,3 x 1,3	WHV-LL-06-G 1/8“-WDS
100	8	G 1/8“	12,5	24,0	17	18	14	9,3 x 1,3	WHV-LL-08-G 1/8“-WDS

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	G 1/8“	12,0	24,0	17	18	14	9,3 x 1,3	WHV-L-06-G 1/8“-WDS
400	8	G 1/4“	15,5	30,0	19	22	17	12,5 x 1,5	WHV-L-08-G 1/4“-WDS
350	10	G 1/4“	15,5	30,0	19	22	19	12,5 x 1,5	WHV-L-10-G 1/4“-WDS
350	10	G 3/8“	17,5	35,0	24	27	19	16 x 1,5	WHV-L-10-G 3/8“-WDS
350	12	G 1/4“	15,5	30,0	19	22	22	12,5 x 1,5	WHV-L-12-G 1/4“-WDS
350	12	G 3/8“	18,0	36,0	24	27	22	16 x 1,5	WHV-L-12-G 3/8“-WDS
315	12	G 1/2“	21,5	45,0	30	32	22	20 x 1,5	WHV-L-12-G 1/2“-WDS
315	15	G 1/2“	21,5	45,0	30	32	27	20 x 1,5	WHV-L-15-G 1/2“-WDS
315	18	G 1/2“	21,0	45,0	30	32	32	20 x 1,5	WHV-L-18-G 1/2“-WDS
200	22	G 3/4“	27,5	53,0	36	40	36	25 x 2,0	WHV-L-22-G 3/4“-WDS
200	28	G 1“	32,0	66,0	46	50	41	33 x 2,5	WHV-L-28-G 1“-WDS
200	35	G 1 1/4“	36,0	76,0	55	60	50	41 x 2,5	WHV-L-35-G 1 1/4“-WDS
200	42	G 1 1/2“	40,5	87,0	60	70	60	46 x 3,0	WHV-L-42-G 1 1/2“-WDS

Reihe / Series S

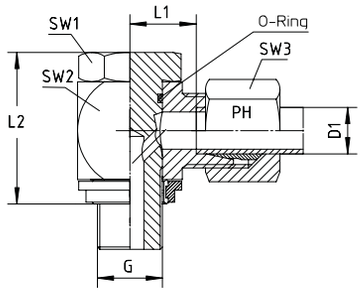
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	G 1/4“	16,5	30,0	19	22	17	12,5 x 1,5	WHV-S-06-G 1/4“-WDS
450	8	G 1/4“	16,5	30,0	19	22	19	12,5 x 1,5	WHV-S-08-G 1/4“-WDS
400	10	G 1/4“	16,5	30,0	19	22	22	12,5 x 1,5	WHV-S-10-G 1/4“-WDS
400	10	G 3/8“	18,5	36,0	24	27	22	16 x 1,5	WHV-S-10-G 3/8“-WDS
400	12	G 3/8“	18,5	36,0	24	27	24	16 x 1,5	WHV-S-12-G 3/8“-WDS
400	14	G 1/2“	22,5	45,0	30	32	27	20 x 1,5	WHV-S-14-G 1/2“-WDS
400	16	G 1/2“	22,0	45,0	30	32	30	20 x 1,5	WHV-S-16-G 1/2“-WDS
400	20	G 3/4“	26,5	53,0	36	40	36	25 x 2,0	WHV-S-20-G 3/4“-WDS
250	25	G 1“	31,5	66,0	46	50	46	33 x 2,5	WHV-S-25-G 1“-WDS
250	30	G 1 1/4“	37,0	76,0	55	60	50	41 x 2,5	WHV-S-30-G 1 1/4“-WDS
250	38	G 1 1/2“	41,5	87,0	60	70	60	46 x 3,0	WHV-S-38-G 1 1/2“-WDS

WHV - WINKEL - SCHWENK - VERSCHRAUBUNGEN

WHV - BANJO - ELBOWS

Winkel-Schwenkverschraubungen
Für Einschraubloch mit Eindrehung schmal
nach ISO 1179
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Mit gekammerter Weichdichtung - FPM - Rubrik 8.280
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
O-Ring: FPM

Banjo Elbows
For recesses narrow ISO 1179
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
With Bonded Seal Ring - FPM - Category 8.280
Thread G: BSP - Parallel
O-Ring: FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	G 1/8“	12,0	24,0	17	18	14	9,3 x 1,3	WHV-L-06-G 1/8“-WDS-SC
400	8	G 1/4“	15,5	30,0	19	22	17	12,5 x 1,5	WHV-L-08-G 1/4“-WDS-SC
350	10	G 1/4“	15,5	30,0	19	22	19	12,5 x 1,5	WHV-L-10-G 1/4“-WDS-SC
350	10	G 3/8“	17,5	35,0	24	27	19	16 x 1,5	WHV-L-10-G 3/8“-WDS-SC
350	12	G 1/4“	15,5	30,0	19	22	22	12,5 x 1,5	WHV-L-12-G 1/4“-WDS-SC
350	12	G 3/8“	18,0	36,0	24	27	22	16 x 1,5	WHV-L-12-G 3/8“-WDS-SC
315	12	G 1/2“	21,5	45,0	30	32	22	20 x 1,5	WHV-L-12-G 1/2“-WDS-SC
315	15	G 1/2“	21,5	45,0	30	32	27	20 x 1,5	WHV-L-15-G 1/2“-WDS-SC
315	18	G 1/2“	21,0	45,0	30	32	32	20 x 1,5	WHV-L-18-G 1/2“-WDS-SC
200	22	G 3/4“	27,5	53,0	36	40	36	25 x 2,0	WHV-L-22-G 3/4“-WDS-SC
200	28	G 1“	32,0	66,0	46	50	41	33 x 2,5	WHV-L-28-G 1“-WDS-SC
200	35	G 1 1/4“	36,0	76,0	55	60	50	41 x 2,5	WHV-L-35-G 1 1/4“-WDS-SC
200	42	G 1 1/2“	40,5	87,0	60	70	60	46 x 3,0	WHV-L-42-G 1 1/2“-WDS-SC

Reihe / Series S

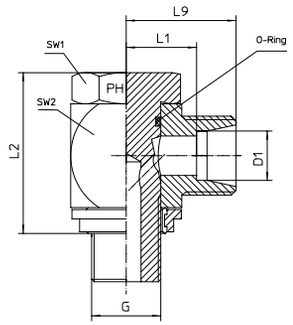
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	G 1/4“	16,5	30,0	19	22	17	12,5 x 1,5	WHV-S-06-G 1/4“-WDS-SC
450	8	G 1/4“	16,5	30,0	19	22	19	12,5 x 1,5	WHV-S-08-G 1/4“-WDS-SC
400	10	G 1/4“	16,5	30,0	19	22	22	12,5 x 1,5	WHV-S-10-G 1/4“-WDS-SC
400	10	G 3/8“	18,5	36,0	24	27	22	16 x 1,5	WHV-S-10-G 3/8“-WDS-SC
400	12	G 3/8“	18,5	36,0	24	27	24	16 x 1,5	WHV-S-12-G 3/8“-WDS-SC
400	14	G 1/2“	22,5	45,0	30	32	27	20 x 1,5	WHV-S-14-G 1/2“-WDS-SC
400	16	G 1/2“	22,0	45,0	30	32	30	20 x 1,5	WHV-S-16-G 1/2“-WDS-SC
400	20	G 3/4“	26,5	53,0	36	40	36	25 x 2,0	WHV-S-20-G 3/4“-WDS-SC
250	25	G 1“	31,5	66,0	46	50	46	33 x 2,5	WHV-S-25-G 1“-WDS-SC
250	30	G 1 1/4“	37,0	76,0	55	60	50	41 x 2,5	WHV-S-30-G 1 1/4“-WDS-SC
250	38	G 1 1/2“	41,5	87,0	60	70	60	46 x 3,0	WHV-S-38-G 1 1/2“-WDS-SC

WHV - WINKEL - SCHWENK - VERSCHRAUBUNGEN

WHV - BANJO - ELBOWS

Winkel-Schwenkverschraubungen
Für Einschraubloch mit Eindrehung schmal nach ISO 1179
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Mit gekammerter Weichdichtung - FPM -
Rubrik 8.280
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
O-Ring: FPM

Banjo Elbows
For recesses narrow ISO 1179
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
With Bonded Seal Ring - FPM - Category 8.280
Thread G: BSP - Parallel
O-Ring: FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L9	SW1	SW2		
100	4	G 1/8“	11,0	24,0	17,0	17	18	9,3 x 1,3	WHV-LL-04-G 1/8“-WDS-OMD
100	6	G 1/8“	11,5	24,0	17,0	17	18	9,3 x 1,3	WHV-LL-06-G 1/8“-WDS-OMD
100	8	G 1/8“	12,5	24,0	18,0	17	18	9,3 x 1,3	WHV-LL-08-G 1/8“-WDS-OMD

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L9	SW1	SW2		
500	6	G 1/8“	12,0	24,0	19,0	17	18	9,3 x 1,3	WHV-L-06-G 1/8“-WDS-OMD
400	8	G 1/4“	15,5	30,0	22,5	19	22	12,5 x 1,5	WHV-L-08-G 1/4“-WDS-OMD
350	10	G 1/4“	15,5	30,0	22,5	19	22	12,5 x 1,5	WHV-L-10-G 1/4“-WDS-OMD
350	10	G 3/8“	17,5	35,0	24,5	24	27	16 x 1,5	WHV-L-10-G 3/8“-WDS-OMD
350	12	G 1/4“	15,5	30,0	22,5	19	22	12,5 x 1,5	WHV-L-12-G 1/4“-WDS-OMD
350	12	G 3/8“	18,0	36,0	25,5	24	27	16 x 1,5	WHV-L-12-G 3/8“-WDS-OMD
315	12	G 1/2“	21,5	45,0	28,5	30	32	20 x 1,5	WHV-L-12-G 1/2“-WDS-OMD
315	15	G 1/2“	21,5	45,0	28,5	30	32	20 x 1,5	WHV-L-15-G 1/2“-WDS-OMD
315	18	G 1/2“	21,0	45,0	28,5	30	32	20 x 1,5	WHV-L-18-G 1/2“-WDS-OMD
200	22	G 3/4“	27,5	53,0	35,0	36	40	25 x 2,0	WHV-L-22-G 3/4“-WDS-OMD
200	28	G 1“	32,0	66,0	39,5	46	50	33 x 2,5	WHV-L-28-G 1“-WDS-OMD
200	35	G 1 1/4“	36,0	76,0	46,5	55	60	41 x 2,5	WHV-L-35-G 1 1/4“-WDS-OMD
200	42	G 1 1/2“	40,5	87,0	51,0	60	70	46 x 3,0	WHV-L-42-G 1 1/2“-WDS-OMD

Reihe / Series S

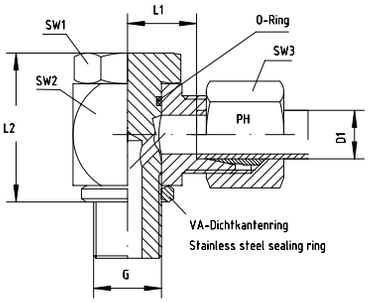
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L9	SW1	SW2		
500	6	G 1/4“	16,5	30,0	22,5	19	22	12,5 x 1,5	WHV-S-06-G 1/4“-WDS-OMD
450	8	G 1/4“	16,5	30,0	22,5	19	22	12,5 x 1,5	WHV-S-08-G 1/4“-WDS-OMD
400	10	G 1/4“	16,5	30,0	23,5	19	22	12,5 x 1,5	WHV-S-10-G 1/4“-WDS-OMD
400	10	G 3/8“	18,5	36,0	23,5	24	27	16 x 1,5	WHV-S-10-G 3/8“-WDS-OMD
400	12	G 3/8“	18,5	36,0	25,5	24	27	16 x 1,5	WHV-S-12-G 3/8“-WDS-OMD
400	14	G 1/2“	22,5	45,0	30,5	30	32	20 x 1,5	WHV-S-14-G 1/2“-WDS-OMD
400	16	G 1/2“	22,0	45,0	30,5	30	32	20 x 1,5	WHV-S-16-G 1/2“-WDS-OMD
400	20	G 3/4“	26,5	53,0	37,0	36	40	25 x 2,0	WHV-S-20-G 3/4“-WDS-OMD
250	25	G 1“	31,5	66,0	43,5	46	50	33 x 2,5	WHV-S-25-G 1“-WDS-OMD
250	30	G 1 1/4“	37,0	76,0	51,0	55	60	41 x 2,5	WHV-S-30-G 1 1/4“-WDS-OMD
250	38	G 1 1/2“	41,5	87,0	57,0	60	70	46 x 3,0	WHV-S-38-G 1 1/2“-WDS-OMD

WHV - WINKEL - SCHWENK - VERSCHRAUBUNGEN

WHV - BANJO - ELBOWS

Winkel-Schwenkverschraubungen
Mit VA-Dichtkantenring für Ausdrehung DIN 3852 (schmal)
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
O-Ring: FPM

Banjo Elbows
With Stainless Steel Sealing Ring for DIN 3852 (small)
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
Thread G: Metric - Parallel
O-Ring: FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
100	4	M 8 x 1	11,0	24,0	17	18	10	9,3 x 1,3	WHV-LL-04-M 8x1
100	6	M 10 x 1	11,5	24,0	17	18	12	9,3 x 1,3	WHV-LL-06-M 10x1
100	8	M 10 x 1	12,5	24,0	17	18	14	9,3 x 1,3	WHV-LL-08-M 10x1

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
500	6	M 10 x 1	12,0	24,0	17	18	14	9,3 x 1,3	WHV-L-06-M 10x1
400	8	M 12 x 1,5	14,5	30,0	19	22	17	12,5 x 1,5	WHV-L-08-M 12x1,5
350	10	M 14 x 1,5	15,5	30,0	19	22	19	12,5 x 1,5	WHV-L-10-M 14x1,5
315	12	M 16 x 1,5	18,0	36,0	24	27	22	16 x 1,5	WHV-L-12-M 16x1,5
315	15	M 18 x 1,5	20,5	39,5	27	30	27	18 x 1,5	WHV-L-15-M 18x1,5
315	18	M 22 x 1,5	21,0	45,0	30	32	32	20 x 1,5	WHV-L-18-M 22x1,5
200	22	M 26 x 1,5	27,5	53,0	36	40	36	25 x 2,0	WHV-L-22-M 26x1,5
200	28	M 33 x 2	32,0	66,0	46	50	41	33 x 2,5	WHV-L-28-M 33x2
200	35	M 42 x 2	36,0	76,0	55	60	50	41 x 2,5	WHV-L-35-M 42x2
200	42	M 48 x 2	40,5	87,0	60	70	60	46 x 3,0	WHV-L-42-M 48x2

Reihe / Series S

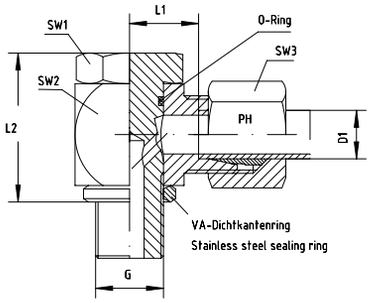
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
500	6	M 12 x 1,5	16,5	30,0	19	22	17	12,5 x 1,5	WHV-S-06-M 12x1,5
450	8	M 14 x 1,5	16,5	30,0	19	22	19	12,5 x 1,5	WHV-S-08-M 14x1,5
400	10	M 16 x 1,5	18,5	36,0	24	27	22	16 x 1,5	WHV-S-10-M 16x1,5
400	12	M 18 x 1,5	20,0	39,5	27	30	24	18 x 1,5	WHV-S-12-M 18x1,5
400	14	M 20 x 1,5	22,5	43,5	30	32	27	20 x 1,5	WHV-S-14-M 20x1,5
400	16	M 22 x 1,5	22,0	45,0	30	32	30	20 x 1,5	WHV-S-16-M 22x1,5
400	20	M 27 x 2	26,5	53,0	36	40	36	25 x 2,0	WHV-S-20-M 27x2
250	25	M 33 x 2	31,5	66,0	46	50	46	33 x 2,5	WHV-S-25-M 33x2
250	30	M 42 x 2	37,0	76,0	55	60	50	41 x 2,5	WHV-S-30-M 42x2
250	38	M 48 x 2	41,5	87,0	60	70	60	46 x 3,0	WHV-S-38-M 48x2

WHV - WINKEL - SCHWENK - VERSCHRAUBUNGEN

WHV - BANJO - ELBOWS

Winkel-Schwenkverschraubungen
Mit VA-Dichtkantenring für Ausdrehung DIN 3852 (schmal)
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
O-Ring: FPM

Banjo Elbows
With Stainless Steel Sealing Ring for DIN 3852 (small)
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
Thread G: Metric - Parallel
O-Ring: FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	M 10 x 1	12,0	24,0	17	18	14	9,3 x 1,3	WHV-L-06-M 10x1-SC
400	8	M 12 x 1,5	14,5	30,0	19	22	17	12,5 x 1,5	WHV-L-08-M 12x1,5-SC
350	10	M 14 x 1,5	15,5	30,0	19	22	19	12,5 x 1,5	WHV-L-10-M 14x1,5-SC
315	12	M 16 x 1,5	18,0	36,0	24	27	22	16 x 1,5	WHV-L-12-M 16x1,5-SC
315	15	M 18 x 1,5	20,5	39,5	27	30	27	18 x 1,5	WHV-L-15-M 18x1,5-SC
315	18	M 22 x 1,5	21,0	45,0	30	32	32	20 x 1,5	WHV-L-18-M 22x1,5-SC
200	22	M 26 x 1,5	27,5	53,0	36	40	36	25 x 2,0	WHV-L-22-M 26x1,5-SC
200	28	M 33 x 2	32,0	66,0	46	50	41	33 x 2,5	WHV-L-28-M 33x2-SC
200	35	M 42 x 2	36,0	76,0	55	60	50	41 x 2,5	WHV-L-35-M 42x2-SC
200	42	M 48 x 2	40,5	87,0	60	70	60	46 x 3,0	WHV-L-42-M 48x2-SC

Reihe / Series S

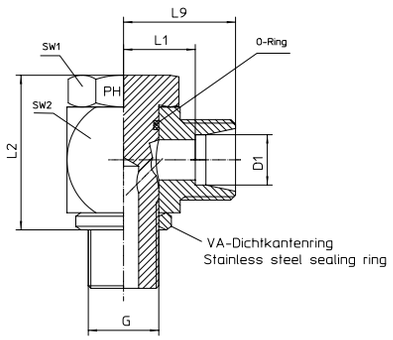
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	M 12 x 1,5	16,5	30,0	19	22	17	12,5 x 1,5	WHV-S-06-M 12x1,5-SC
450	8	M 14 x 1,5	16,5	30,0	19	22	19	12,5 x 1,5	WHV-S-08-M 14x1,5-SC
400	10	M 16 x 1,5	18,5	36,0	24	27	22	16 x 1,5	WHV-S-10-M 16x1,5-SC
400	12	M 18 x 1,5	20,0	39,5	27	30	24	18 x 1,5	WHV-S-12-M 18x1,5-SC
400	14	M 20 x 1,5	22,5	43,5	30	32	27	20 x 1,5	WHV-S-14-M 20x1,5-SC
400	16	M 22 x 1,5	22,0	45,0	30	32	30	20 x 1,5	WHV-S-16-M 22x1,5-SC
400	20	M 27 x 2	26,5	53,0	36	40	36	25 x 2,0	WHV-S-20-M 27x2-SC
250	25	M 33 x 2	31,5	66,0	46	50	46	33 x 2,5	WHV-S-25-M 33x2-SC
250	30	M 42 x 2	37,0	76,0	55	60	50	41 x 2,5	WHV-S-30-M 42x2-SC
250	38	M 48 x 2	41,5	87,0	60	70	60	46 x 3,0	WHV-S-38-M 48x2-SC

WHV - WINKEL - SCHWENK - VERSCHRAUBUNGEN

WHV - BANJO - ELBOWS

Winkel-Schwenkverschraubungen
Mit VA-Dichtkantenring für Ausdrehung DIN 3852 (schmal)
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
O-Ring: FPM

Banjo Elbows
With Stainless Steel Sealing Ring for DIN 3852 (small)
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
Thread G: Metric - Parallel
O-Ring: FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L9**	**SW1**	**SW2**		
100	4	M 8 x 1	11,0	24,0	17,0	17	18	9,3 x 1,3	WHV-LL-04-M 8x1-OMD
100	6	M 10 x 1	11,5	24,0	17,0	17	18	9,3 x 1,3	WHV-LL-06-M 10x1-OMD
100	8	M 10 x 1	12,5	24,0	18,0	17	18	9,3 x 1,3	WHV-LL-08-M 10x1-OMD

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L9**	**SW1**	**SW2**		
500	6	M 10 x 1	12,0	24,0	19,0	17	18	9,3 x 1,3	WHV-L-06-M 10x1-OMD
400	8	M 12 x 1,5	14,5	30,0	22,5	19	22	12,5 x 1,5	WHV-L-08-M 12x1,5-OMD
350	10	M 14 x 1,5	15,5	30,0	22,5	19	22	12,5 x 1,5	WHV-L-10-M 14x1,5-OMD
315	12	M 16 x 1,5	18,0	36,0	25,5	24	27	16 x 1,5	WHV-L-12-M 16x1,5-OMD
315	15	M 18 x 1,5	20,5	39,5	27,5	27	30	18 x 1,5	WHV-L-15-M 18x1,5-OMD
315	18	M 22 x 1,5	21,0	45,0	28,5	30	32	20 x 1,5	WHV-L-18-M 22x1,5-OMD
200	22	M 26 x 1,5	27,5	53,0	35,0	36	40	25 x 2,0	WHV-L-22-M 26x1,5-OMD
200	28	M 33 x 2	32,0	66,0	39,5	46	50	33 x 2,5	WHV-L-28-M 33x2-OMD
200	35	M 42 x 2	36,0	76,0	46,5	55	60	41 x 2,5	WHV-L-35-M 42x2-OMD
200	42	M 48 x 2	40,5	87,0	51,0	60	70	46 x 3,0	WHV-L-42-M 48x2-OMD

Reihe / Series S

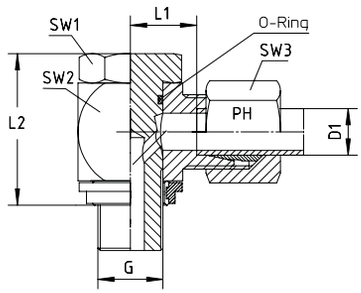
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L9**	**SW1**	**SW2**		
500	6	M 12 x 1,5	16,5	30,0	22,5	19	22	12,5 x 1,5	WHV-S-06-M 12x1,5-OMD
450	8	M 14 x 1,5	16,5	30,0	22,5	19	22	12,5 x 1,5	WHV-S-08-M 14x1,5-OMD
400	10	M 16 x 1,5	18,5	36,0	25,5	24	27	16 x 1,5	WHV-S-10-M 16x1,5-OMD
400	12	M 18 x 1,5	20,0	39,5	27,5	27	30	18 x 1,5	WHV-S-12-M 18x1,5-OMD
400	14	M 20 x 1,5	22,5	43,5		30	32	20 x 1,5	WHV-S-14-M 20x1,5-OMD
400	16	M 22 x 1,5	22,0	45,0	30,5	30	32	20 x 1,5	WHV-S-16-M 22x1,5-OMD
400	20	M 27 x 2	26,5	53,0	37,0	36	40	25 x 2,0	WHV-S-20-M 27x2-OMD
250	25	M 33 x 2	31,5	66,0	43,5	46	50	33 x 2,5	WHV-S-25-M 33x2-OMD
250	30	M 42 x 2	37,0	76,0	51,0	55	60	41 x 2,5	WHV-S-30-M 42x2-OMD
250	38	M 48 x 2	41,5	87,0	57,0	60	70	46 x 3,0	WHV-S-38-M 48x2-OMD

WHV - WINKEL - SCHWENK - VERSCHRAUBUNGEN

WHV - BANJO - ELBOWS

Winkel-Schwenkverschraubungen
Für Einschraubloch mit Eindrehung schmal ISO 9974
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Mit gekammerter Weichdichtung - FPM -
Rubrik 8.280
Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
O-Ring: FPM

Banjo Elbows
For recesses narrow ISO 9974
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
With Bonded Seal Ring - FPM - Category 8.280
Thread G: Metric - Parallel
O-Ring: FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
100	6	M 10 x 1	11,5	24,0	17	18	12	9,3 x 1,3	WHV-LL-06-M 10x1-WDS
100	8	M 10 x 1	12,5	24,0	17	18	14	9,3 x 1,3	WHV-LL-08-M 10x1-WDS

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	M 10 x 1	12,0	24,0	17	18	14	9,3 x 1,3	WHV-L-06-M 10x1-WDS
400	8	M 12 x 1,5	14,5	30,0	19	22	17	12,5 x 1,5	WHV-L-08-M 12x1,5-WDS
350	10	M 14 x 1,5	15,5	30,0	19	22	19	12,5 x 1,5	WHV-L-10-M 14x1,5-WDS
315	12	M 16 x 1,5	18,0	36,0	24	27	22	16 x 1,5	WHV-L-12-M 16x1,5-WDS
315	15	M 18 x 1,5	20,5	39,5	27	30	27	18 x 1,5	WHV-L-15-M 18x1,5-WDS
315	18	M 22 x 1,5	21,0	45,0	30	32	32	20 x 1,5	WHV-L-18-M 22x1,5-WDS
200	22	M 26 x 1,5	27,5	53,0	36	40	36	25 x 2,0	WHV-L-22-M 26x1,5-WDS
200	28	M 33 x 2	32,0	66,0	46	50	41	33 x 2,5	WHV-L-28-M 33x2-WDS
200	35	M 42 x 2	36,0	76,0	55	60	50	41 x 2,5	WHV-L-35-M 42x2-WDS
200	42	M 48 x 2	40,5	87,0	60	70	60	46 x 3,0	WHV-L-42-M 48x2-WDS

Reihe / Series S

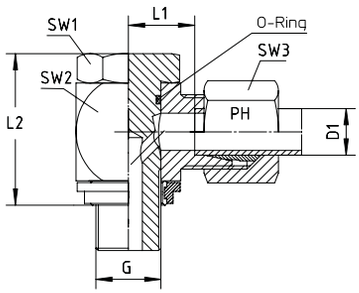
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	M 12 x 1,5	16,5	30,0	19	22	17	12,5 x 1,5	WHV-S-06-M 12x1,5-WDS
450	8	M 14 x 1,5	16,5	30,0	19	22	19	12,5 x 1,5	WHV-S-08-M 14x1,5-WDS
400	10	M 16 x 1,5	18,5	36,0	24	27	22	16 x 1,5	WHV-S-10-M 16x1,5-WDS
400	12	M 18 x 1,5	20,0	39,5	27	30	24	18 x 1,5	WHV-S-12-M 18x1,5-WDS
400	16	M 22 x 1,5	22,0	45,0	30	32	30	20 x 1,5	WHV-S-16-M 22x1,5-WDS
400	20	M 27 x 2	26,5	53,0	36	40	36	25 x 2,0	WHV-S-20-M 27x2-WDS
250	25	M 33 x 2	31,5	66,0	46	50	46	33 x 2,5	WHV-S-25-M 33x2-WDS
250	30	M 42 x 2	37,0	76,0	55	60	50	41 x 2,5	WHV-S-30-M 42x2-WDS
250	38	M 48 x 2	41,5	87,0	60	70	60	46 x 3,0	WHV-S-38-M 48x2-WDS

WHV - WINKEL - SCHWENK - VERSCHRAUBUNGEN

WHV - BANJO - ELBOWS

Winkel-Schwenkverschraubungen
Für Einschraubloch mit Eindrehung schmal ISO 9974
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Mit gekammerter Weichdichtung - FPM -
Rubrik 8.280
Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
O-Ring: FPM

Banjo Elbows
For recesses narrow ISO 9974
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
With Bonded Seal Ring - FPM - Category 8.280
Thread G: Metric - Parallel
O-Ring: FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
500	6	M 10 x 1	12,0	24,0	17	18	14	9,3 x 1,3	WHV-L-06-M 10x1-WDS-SC
400	8	M 12 x 1,5	14,5	30,0	19	22	17	12,5 x 1,5	WHV-L-08-M 12x1,5-WDS-SC
350	10	M 14 x 1,5	15,5	30,0	19	22	19	12,5 x 1,5	WHV-L-10-M 14x1,5-WDS-SC
315	12	M 16 x 1,5	18,0	36,0	24	27	22	16 x 1,5	WHV-L-12-M 16x1,5-WDS-SC
315	15	M 18 x 1,5	20,5	39,5	27	30	27	18 x 1,5	WHV-L-15-M 18x1,5-WDS-SC
315	18	M 22 x 1,5	21,0	45,0	30	32	32	20 x 1,5	WHV-L-18-M 22x1,5-WDS-SC
200	22	M 26 x 1,5	27,5	53,0	36	40	36	25 x 2,0	WHV-L-22-M 26x1,5-WDS-SC
200	28	M 33 x 2	32,0	66,0	46	50	41	33 x 2,5	WHV-L-28-M 33x2-WDS-SC
200	35	M 42 x 2	36,0	76,0	55	60	50	41 x 2,5	WHV-L-35-M 42x2-WDS-SC
200	42	M 48 x 2	40,5	87,0	60	70	60	46 x 3,0	WHV-L-42-M 48x2-WDS-SC

Reihe / Series S

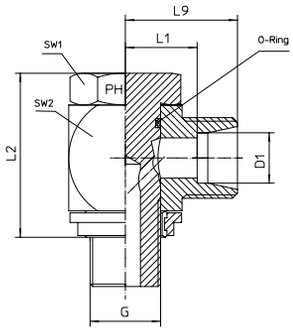
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
500	6	M 12 x 1,5	16,5	30,0	19	22	17	12,5 x 1,5	WHV-S-06-M 12x1,5-WDS-SC
450	8	M 14 x 1,5	16,5	30,0	19	22	19	12,5 x 1,5	WHV-S-08-M 14x1,5-WDS-SC
400	10	M 16 x 1,5	18,5	36,0	24	27	22	16 x 1,5	WHV-S-10-M 16x1,5-WDS-SC
400	12	M 18 x 1,5	20,0	39,5	27	30	24	18 x 1,5	WHV-S-12-M 18x1,5-WDS-SC
400	16	M 22 x 1,5	22,0	45,0	30	32	30	20 x 1,5	WHV-S-16-M 22x1,5-WDS-SC
400	20	M 27 x 2	26,5	53,0	36	40	36	25 x 2,0	WHV-S-20-M 27x2-WDS-SC
250	25	M 33 x 2	31,5	66,0	46	50	46	33 x 2,5	WHV-S-25-M 33x2-WDS-SC
250	30	M 42 x 2	37,0	76,0	55	60	50	41 x 2,5	WHV-S-30-M 42x2-WDS-SC
250	38	M 48 x 2	41,5	87,0	60	70	60	46 x 3,0	WHV-S-38-M 48x2-WDS-SC

WHV - WINKEL - SCHWENK - VERSCHRAUBUNGEN

WHV - BANJO - ELBOWS

Winkel-Schwenkverschraubungen
Für Einschraubloch mit Eindrehung schmal ISO 9974
Hohlschraube muss vor der Montage geschmiert werden
(siehe Allgemeine Informationen Rubrik 1)
Mit gekammerter Weichdichtung - FPM -
Rubrik 8.280
Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
O-Ring: FPM

Banjo Elbows
For recesses narrow ISO 9974
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
With Bonded Seal Ring - FPM - Category 8.280
Thread G: Metric - Parallel
O-Ring: FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L9	SW1	SW2		
100	6	M 10 x 1	11,5	24,0	17,0	17	18	9,3 x 1,3	WHV-LL-06-M 10x1-WDS-OMD
100	8	M 10 x 1	12,5	24,0	18,0	17	18	9,3 x 1,3	WHV-LL-08-M 10x1-WDS-OMD

Reihe / Series L

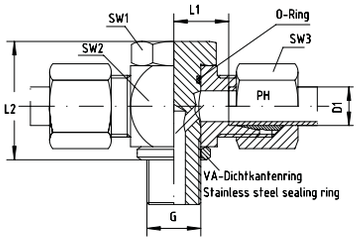
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L9	SW1	SW2		
500	6	M 10 x 1	12,0	24,0	19,0	17	18	9,3 x 1,3	WHV-L-06-M 10x1-WDS-OMD
400	8	M 12 x 1,5	14,5	30,0	22,5	19	22	12,5 x 1,5	WHV-L-08-M 12x1,5-WDS-OMD
350	10	M 14 x 1,5	15,5	30,0	22,5	19	22	12,5 x 1,5	WHV-L-10-M 14x1,5-WDS-OMD
315	12	M 16 x 1,5	18,0	36,0	25,5	24	27	16 x 1,5	WHV-L-12-M 16x1,5-WDS-OMD
315	15	M 18 x 1,5	20,5	39,5	27,5	27	30	18 x 1,5	WHV-L-15-M 18x1,5-WDS-OMD
315	18	M 22 x 1,5	21,0	45,0	28,5	30	32	20 x 1,5	WHV-L-18-M 22x1,5-WDS-OMD
200	22	M 26 x 1,5	27,5	53,0	35,0	36	40	25 x 2,0	WHV-L-22-M 26x1,5-WDS-OMD
200	28	M 33 x 2	32,0	66,0	39,5	46	50	33 x 2,5	WHV-L-28-M 33x2-WDS-OMD
200	35	M 42 x 2	36,0	76,0	46,5	55	60	41 x 2,5	WHV-L-35-M 42x2-WDS-OMD
200	42	M 48 x 2	40,5	87,0	51,0	60	70	46 x 3,0	WHV-L-42-M 48x2-WDS-OMD

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L9	SW1	SW2		
500	6	M 12 x 1,5	16,5	30,0	22,5	19	22	12,5 x 1,5	WHV-S-06-M 12x1,5-WDS-OMD
450	8	M 14 x 1,5	16,5	30,0	22,5	19	22	12,5 x 1,5	WHV-S-08-M 14x1,5-WDS-OMD
400	10	M 16 x 1,5	18,5	36,0	25,5	24	27	16 x 1,5	WHV-S-10-M 16x1,5-WDS-OMD
400	12	M 18 x 1,5	20,0	39,5	27,5	27	30	18 x 1,5	WHV-S-12-M 18x1,5-WDS-OMD
400	16	M 22 x 1,5	22,0	45,0	30,5	30	32	20 x 1,5	WHV-S-16-M 22x1,5-WDS-OMD
400	20	M 27 x 2	26,5	53,0	37,0	36	40	25 x 2,0	WHV-S-20-M 27x2-WDS-OMD
250	25	M 33 x 2	31,5	66,0	43,5	46	50	33 x 2,5	WHV-S-25-M 33x2-WDS-OMD
250	30	M 42 x 2	37,0	76,0	51,0	55	60	41 x 2,5	WHV-S-30-M 42x2-WDS-OMD
250	38	M 48 x 2	41,5	87,0	57,0	60	70	46 x 3,0	WHV-S-38-M 48x2-WDS-OMD

T-Schwenkverschraubungen
mit VA-Dichtkantenring für Ausdrehung DIN 3852 (schmal)
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
O-Ring: FPM

Banjo Tees
With Stainless Steel Sealing Ring for DIN 3852 (small)
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
Thread G: BSP - Parallel
O-Ring: FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
100	4	G 1/8“	11,0	24,0	17	18	10	9,3 x 1,3	THV-LL-04-G 1/8“
100	6	G 1/8“	11,5	24,0	17	18	12	9,3 x 1,3	THV-LL-06-G 1/8“
100	8	G 1/8“	12,5	24,0	17	18	14	9,3 x 1,3	THV-LL-08-G 1/8“

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
500	6	G 1/8“	12,0	24,0	17	18	14	9,3 x 1,3	THV-L-06-G 1/8“
400	8	G 1/4“	14,5	30,0	19	22	17	12,5 x 1,5	THV-L-08-G 1/4“
350	10	G 1/4“	15,5	30,0	19	22	19	12,5 x 1,5	THV-L-10-G 1/4“
350	12	G 1/4“	15,5	30,0	19	22	22	12,5 x 1,5	THV-L-12-G 1/4“
350	12	G 3/8“	18,0	36,0	24	27	22	16 x 1,5	THV-L-12-G 3/8“
315	15	G 1/2“	21,5	45,0	30	32	27	20 x 1,5	THV-L-15-G 1/2“
315	18	G 1/2“	21,0	45,0	30	32	32	20 x 1,5	THV-L-18-G 1/2“
200	22	G 3/4“	27,5	53,0	36	40	36	25 x 2,0	THV-L-22-G 3/4“
200	28	G 1“	32,0	66,0	46	50	41	33 x 2,5	THV-L-28-G 1“
200	35	G 1 1/4“	36,0	76,0	55	60	50	41 x 2,5	THV-L-35-G 1 1/4“
200	42	G 1 1/2“	40,5	87,0	60	70	60	46 x 3,0	THV-L-42-G 1 1/2“

Reihe / Series S

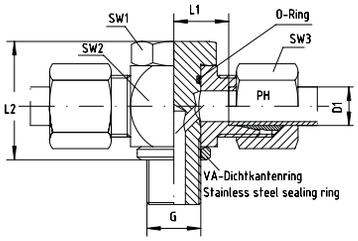
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
500	6	G 1/4“	16,5	30,0	19	22	17	12,5 x 1,5	THV-S-06-G 1/4“
450	8	G 1/4“	16,5	30,0	19	22	19	12,5 x 1,5	THV-S-08-G 1/4“
400	10	G 1/4“	16,5	30,0	19	22	22	12,5 x 1,5	THV-S-10-G 1/4“
400	10	G 3/8“	18,5	36,0	24	27	22	16 x 1,5	THV-S-10-G 3/8“
400	12	G 3/8“	18,5	36,0	24	27	24	16 x 1,5	THV-S-12-G 3/8“
400	14	G 1/2“	22,5	45,0	30	32	27	20 x 1,5	THV-S-14-G 1/2“
400	16	G 1/2“	22,0	45,0	30	32	30	20 x 1,5	THV-S-16-G 1/2“
400	20	G 3/4“	26,5	53,0	36	40	36	25 x 2,0	THV-S-20-G 3/4“
250	25	G 1“	31,5	66,0	46	50	46	33 x 2,5	THV-S-25-G 1“
250	30	G 1 1/4“	37,0	76,0	55	60	50	41 x 2,5	THV-S-30-G 1 1/4“
250	38	G 1 1/2“	41,5	87,0	60	70	60	46 x 3,0	THV-S-38-G 1 1/2“

THV - T - SCHWENK - VERSCHRAUBUNGEN

THV - BANJO - TEES

T-Schwenkverschraubungen
mit VA-Dichtkantenring für Ausdrehung DIN 3852 (schmal)
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Einschraubgewinde G: Whitworth-Rohrgewinde - Zylindrisch
O-Ring: FPM

Banjo Tees
With Stainless Steel Sealing Ring for DIN 3852 (small)
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
Thread G: BSP - Parallel
O-Ring: FPM



Reihe / Series L

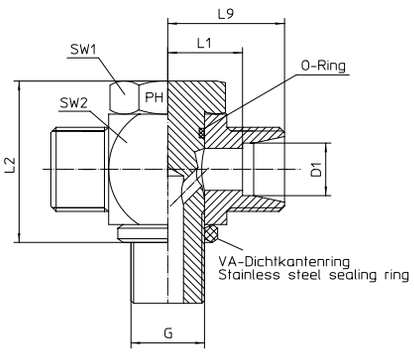
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	G 1/8“	12,0	24,0	17	18	14	9,3 x 1,3	THV-L-06-G 1/8“-SC
400	8	G 1/4“	14,5	30,0	19	22	17	12,5 x 1,5	THV-L-08-G 1/4“-SC
350	10	G 1/4“	15,5	30,0	19	22	19	12,5 x 1,5	THV-L-10-G 1/4“-SC
350	12	G 1/4“	15,5	30,0	19	22	22	12,5 x 1,5	THV-L-12-G 1/4“-SC
350	12	G 3/8“	18,0	36,0	24	27	22	16 x 1,5	THV-L-12-G 3/8“-SC
315	15	G 1/2“	21,5	45,0	30	32	27	20 x 1,5	THV-L-15-G 1/2“-SC
315	18	G 1/2“	21,0	45,0	30	32	32	20 x 1,5	THV-L-18-G 1/2“-SC
200	22	G 3/4“	27,5	53,0	36	40	36	25 x 2,0	THV-L-22-G 3/4“-SC
200	28	G 1“	32,0	66,0	46	50	41	33 x 2,5	THV-L-28-G 1“-SC
200	35	G 1 1/4“	36,0	76,0	55	60	50	41 x 2,5	THV-L-35-G 1 1/4“-SC
200	42	G 1 1/2“	40,5	87,0	60	70	60	46 x 3,0	THV-L-42-G 1 1/2“-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	G 1/4“	16,5	30,0	19	22	17	12,5 x 1,5	THV-S-06-G 1/4“-SC
450	8	G 1/4“	16,5	30,0	19	22	19	12,5 x 1,5	THV-S-08-G 1/4“-SC
400	10	G 1/4“	16,5	30,0	19	22	22	12,5 x 1,5	THV-S-10-G 1/4“-SC
400	10	G 3/8“	18,5	36,0	24	27	22	16 x 1,5	THV-S-10-G 3/8“-SC
400	12	G 3/8“	18,5	36,0	24	27	24	16 x 1,5	THV-S-12-G 3/8“-SC
400	14	G 1/2“	22,5	45,0	30	32	27	20 x 1,5	THV-S-14-G 1/2“-SC
400	16	G 1/2“	22,0	45,0	30	32	30	20 x 1,5	THV-S-16-G 1/2“-SC
400	20	G 3/4“	26,5	53,0	36	40	36	25 x 2,0	THV-S-20-G 3/4“-SC
250	25	G 1“	31,5	66,0	46	50	46	33 x 2,5	THV-S-25-G 1“-SC
250	30	G 1 1/4“	37,0	76,0	55	60	50	41 x 2,5	THV-S-30-G 1 1/4“-SC
250	38	G 1 1/2“	41,5	87,0	60	70	60	46 x 3,0	THV-S-38-G 1 1/2“-SC

T-Schwenkverschraubungen
mit VA-Dichtkantenring für Ausdrehung DIN 3852 (schmal)
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
O-Ring: FPM

Banjo Tees
With Stainless Steel Sealing Ring for DIN 3852 (small)
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
Thread G: BSP - Parallel
O-Ring: FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L9**	**SW1**	**SW2**		
100	4	G 1/8“	11,0	24,0	17,0	17	18	9,3 x 1,3	THV-LL-04-G 1/8“-OMD
100	6	G 1/8“	11,5	24,0	17,0	17	18	9,3 x 1,3	THV-LL-06-G 1/8“-OMD
100	8	G 1/8“	12,5	24,0	18,0	17	18	9,3 x 1,3	THV-LL-08-G 1/8“-OMD

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L9**	**SW1**	**SW2**		
500	6	G 1/8“	12,0	24,0	19,0	17	18	9,3 x 1,3	THV-L-06-G 1/8“-OMD
400	8	G 1/4“	14,5	30,0	22,5	19	22	12,5 x 1,5	THV-L-08-G 1/4“-OMD
350	10	G 1/4“	15,5	30,0	22,5	19	22	12,5 x 1,5	THV-L-10-G 1/4“-OMD
350	12	G 1/4“	15,5	30,0	22,5	19	22	12,5 x 1,5	THV-L-12-G 1/4“-OMD
350	12	G 3/8“	18,0	36,0	25,5	24	27	16 x 1,5	THV-L-12-G 3/8“-OMD
315	15	G 1/2“	21,5	45,0	28,5	30	32	20 x 1,5	THV-L-15-G 1/2“-OMD
315	18	G 1/2“	21,0	45,0	28,5	30	32	20 x 1,5	THV-L-18-G 1/2“-OMD
200	22	G 3/4“	27,5	53,0	35,0	36	40	25 x 2,0	THV-L-22-G 3/4“-OMD
200	28	G 1“	32,0	66,0	39,5	46	50	33 x 2,5	THV-L-28-G 1“-OMD
200	35	G 1 1/4“	36,0	76,0	46,5	55	60	41 x 2,5	THV-L-35-G 1 1/4“-OMD
200	42	G 1 1/2“	40,5	87,0	51,0	60	70	46 x 3,0	THV-L-42-G 1 1/2“-OMD

Reihe / Series S

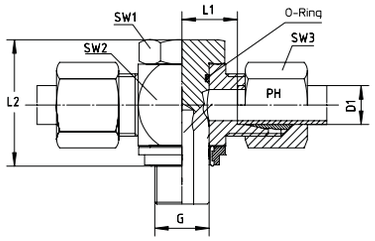
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L9**	**SW1**	**SW2**		
500	6	G 1/4“	16,5	30,0	22,5	19	22	12,5 x 1,5	THV-S-06-G 1/4“-OMD
450	8	G 1/4“	16,5	30,0	22,5	19	22	12,5 x 1,5	THV-S-08-G 1/4“-OMD
400	10	G 1/4“	16,5	30,0	25,5	19	22	12,5 x 1,5	THV-S-10-G 1/4“-OMD
400	10	G 3/8“	18,5	36,0	25,5	24	27	16 x 1,5	THV-S-10-G 3/8“-OMD
400	12	G 3/8“	18,5	36,0	25,5	24	27	16 x 1,5	THV-S-12-G 3/8“-OMD
400	14	G 1/2“	22,5	45,0	30,5	30	32	20 x 1,5	THV-S-14-G 1/2“-OMD
400	16	G 1/2“	22,0	45,0	30,5	30	32	20 x 1,5	THV-S-16-G 1/2“-OMD
400	20	G 3/4“	26,5	53,0	37,0	36	40	25 x 2,0	THV-S-20-G 3/4“-OMD
250	25	G 1“	31,5	66,0	43,5	46	50	33 x 2,5	THV-S-25-G 1“-OMD
250	30	G 1 1/4“	37,0	76,0	51,0	55	60	41 x 2,5	THV-S-30-G 1 1/4“-OMD
250	38	G 1 1/2“	41,5	87,0	57,0	60	70	46 x 3,0	THV-S-38-G 1 1/2“-OMD

THV - T - SCHWENK - VERSCHRAUBUNGEN

THV - BANJO - TEES

T-Schwenkverschraubungen
Für Einschraubloch mit Eindrehung schmal
nach ISO 1179
Hohlschraube muss vor der Montage geschmiert
werden (siehe Allgemeine Informationen Rubrik 1)
Mit gekammerter Weichdichtung - FPM -
Rubrik 8.280
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
O-Ring: FPM

Banjo Tees
For recesses narrow ISO 1179
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
With Bonded Seal Ring - FPM - Category 8.280
Thread G: BSP - Parallel
O-Ring: FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
100	4	G 1/8“	11,0	24,0	17	18	10	9,3 x 1,3	THV-LL-04-G 1/8“-WDS
100	6	G 1/8“	11,5	24,0	17	18	12	9,3 x 1,3	THV-LL-06-G 1/8“-WDS
100	8	G 1/8“	12,5	24,0	17	18	14	9,3 x 1,3	THV-LL-08-G 1/8“-WDS

Reihe / Series L

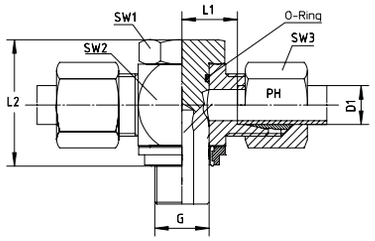
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	G 1/8“	12,0	24,0	17	18	14	9,3 x 1,3	THV-L-06-G 1/8“-WDS
400	8	G 1/4“	14,5	30,0	19	22	17	12,5 x 1,5	THV-L-08-G 1/4“-WDS
350	10	G 1/4“	15,5	30,0	19	22	19	12,5 x 1,5	THV-L-10-G 1/4“-WDS
350	12	G 1/4“	15,5	30,0	19	22	22	12,5 x 1,5	THV-L-12-G 1/4“-WDS
350	12	G 3/8“	18,0	36,0	24	27	22	16 x 1,5	THV-L-12-G 3/8“-WDS
315	15	G 1/2“	21,5	45,0	30	32	27	20 x 1,5	THV-L-15-G 1/2“-WDS
315	18	G 1/2“	21,0	45,0	30	32	32	20 x 1,5	THV-L-18-G 1/2“-WDS
200	22	G 3/4“	27,5	53,0	36	40	36	25 x 2,0	THV-L-22-G 3/4“-WDS
200	28	G 1“	32,0	66,0	46	50	41	33 x 2,5	THV-L-28-G 1“-WDS
200	35	G 1 1/4“	36,0	76,0	55	60	50	41 x 2,5	THV-L-35-G 1 1/4“-WDS
200	42	G 1 1/2“	40,5	87,0	60	70	60	46 x 3,0	THV-L-42-G 1 1/2“-WDS

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	G 1/4“	16,5	30,0	19	22	17	12,5 x 1,5	THV-S-06-G 1/4“-WDS
450	8	G 1/4“	16,5	30,0	19	22	19	12,5 x 1,5	THV-S-08-G 1/4“-WDS
400	10	G 1/4“	16,5	30,0	19	22	22	12,5 x 1,5	THV-S-10-G 1/4“-WDS
400	10	G 3/8“	18,5	36,0	24	27	22	16 x 1,5	THV-S-10-G 3/8“-WDS
400	12	G 3/8“	18,5	36,0	24	27	24	16 x 1,5	THV-S-12-G 3/8“-WDS
400	14	G 1/2“	22,5	45,0	30	32	27	20 x 1,5	THV-S-14-G 1/2“-WDS
400	16	G 1/2“	22,0	45,0	30	32	30	20 x 1,5	THV-S-16-G 1/2“-WDS
400	20	G 3/4“	26,5	53,0	36	40	36	25 x 2,0	THV-S-20-G 3/4“-WDS
250	25	G 1“	31,5	66,0	46	50	46	33 x 2,5	THV-S-25-G 1“-WDS
250	30	G 1 1/4“	37,0	76,0	55	60	50	41 x 2,5	THV-S-30-G 1 1/4“-WDS
250	38	G 1 1/2“	41,5	87,0	60	70	60	46 x 3,0	THV-S-38-G 1 1/2“-WDS

T-Schwenkverschraubungen
Für Einschraubloch mit Eindrehung schmal nach ISO 1179
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Mit gekammerter Weichdichtung - FPM -
Rubrik 8.280
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
O-Ring: FPM

Banjo Tees
For recesses narrow ISO 1179
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
With Bonded Seal Ring - FPM - Category 8.280
Thread G: BSP - Parallel
O-Ring: FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
500	6	G 1/8“	12,0	24,0	17	18	14	9,3 x 1,3	THV-L-06-G 1/8“-WDS-SC
400	8	G 1/4“	14,5	30,0	19	22	17	12,5 x 1,5	THV-L-08-G 1/4“-WDS-SC
350	10	G 1/4“	15,5	30,0	19	22	19	12,5 x 1,5	THV-L-10-G 1/4“-WDS-SC
350	12	G 1/4“	15,5	30,0	19	22	22	12,5 x 1,5	THV-L-12-G 1/4“-WDS-SC
350	12	G 3/8“	18,0	36,0	24	27	22	16 x 1,5	THV-L-12-G 3/8“-WDS-SC
315	15	G 1/2“	21,5	45,0	30	32	27	20 x 1,5	THV-L-15-G 1/2“-WDS-SC
315	18	G 1/2“	21,0	45,0	30	32	32	20 x 1,5	THV-L-18-G 1/2“-WDS-SC
200	22	G 3/4“	27,5	53,0	36	40	36	25 x 2,0	THV-L-22-G 3/4“-WDS-SC
200	28	G 1“	32,0	66,0	46	50	41	33 x 2,5	THV-L-28-G 1“-WDS-SC
200	35	G 1 1/4“	36,0	76,0	55	60	50	41 x 2,5	THV-L-35-G 1 1/4“-WDS-SC
200	42	G 1 1/2“	40,5	87,0	60	70	60	46 x 3,0	THV-L-42-G 1 1/2“-WDS-SC

Reihe / Series S

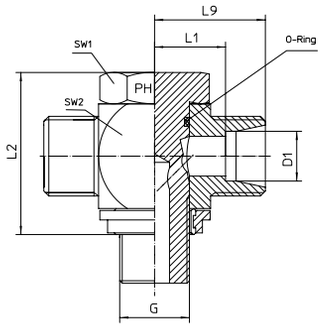
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
500	6	G 1/4“	16,5	30,0	19	22	17	12,5 x 1,5	THV-S-06-G 1/4“-WDS-SC
450	8	G 1/4“	16,5	30,0	19	22	19	12,5 x 1,5	THV-S-08-G 1/4“-WDS-SC
400	10	G 1/4“	16,5	30,0	19	22	22	12,5 x 1,5	THV-S-10-G 1/4“-WDS-SC
400	10	G 3/8“	18,5	36,0	24	27	22	16 x 1,5	THV-S-10-G 3/8“-WDS-SC
400	12	G 3/8“	18,5	36,0	24	27	24	16 x 1,5	THV-S-12-G 3/8“-WDS-SC
400	14	G 1/2“	22,5	45,0	30	32	27	20 x 1,5	THV-S-14-G 1/2“-WDS-SC
400	16	G 1/2“	22,0	45,0	30	32	30	20 x 1,5	THV-S-16-G 1/2“-WDS-SC
400	20	G 3/4“	26,5	53,0	36	40	36	25 x 2,0	THV-S-20-G 3/4“-WDS-SC
250	25	G 1“	31,5	66,0	46	50	46	33 x 2,5	THV-S-25-G 1“-WDS-SC
250	30	G 1 1/4“	37,0	76,0	55	60	50	41 x 2,5	THV-S-30-G 1 1/4“-WDS-SC
250	38	G 1 1/2“	41,5	87,0	60	70	60	46 x 3,0	THV-S-38-G 1 1/2“-WDS-SC

THV - T - SCHWENK - VERSCHRAUBUNGEN

THV - BANJO - TEES

T-Schwenkverschraubungen
Für Einschraubloch mit Eindrehung schmal nach ISO 1179
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Mit gekammerter Weichdichtung - FPM -
Rubrik 8.280
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
O-Ring: FPM

Banjo Tees
For recesses narrow ISO 1179
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
With Bonded Seal Ring - FPM - Category 8.280
Thread G: BSP - Parallel
O-Ring: FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L9	SW1	SW2		
100	4	G 1/8“	11,0	24,0	17,0	17	18	9,3 x 1,3	THV-LL-04-G 1/8“-WDS-OMD
100	6	G 1/8“	11,5	24,0	17,0	17	18	9,3 x 1,3	THV-LL-06-G 1/8“-WDS-OMD
100	8	G 1/8“	12,5	24,0	18,0	17	18	9,3 x 1,3	THV-LL-08-G 1/8“-WDS-OMD

Reihe / Series L

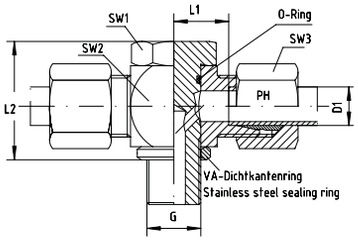
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L9	SW1	SW2		
500	6	G 1/8“	12,0	24,0	19,0	17	18	9,3 x 1,3	THV-L-06-G 1/8“-WDS-OMD
400	8	G 1/4“	14,5	30,0	22,5	19	22	12,5 x 1,5	THV-L-08-G 1/4“-WDS-OMD
350	10	G 1/4“	15,5	30,0	22,5	19	22	12,5 x 1,5	THV-L-10-G 1/4“-WDS-OMD
350	12	G 1/4“	15,5	30,0	22,5	19	22	12,5 x 1,5	THV-L-12-G 1/4“-WDS-OMD
350	12	G 3/8“	18,0	36,0	25,5	24	27	16 x 1,5	THV-L-12-G 3/8“-WDS-OMD
315	15	G 1/2“	21,5	45,0	28,5	30	32	20 x 1,5	THV-L-15-G 1/2“-WDS-OMD
315	18	G 1/2“	21,0	45,0	28,5	30	32	20 x 1,5	THV-L-18-G 1/2“-WDS-OMD
200	22	G 3/4“	27,5	53,0	35,0	36	40	25 x 2,0	THV-L-22-G 3/4“-WDS-OMD
200	28	G 1“	32,0	66,0	39,5	46	50	33 x 2,5	THV-L-28-G 1“-WDS-OMD
200	35	G 1 1/4“	36,0	76,0	46,5	55	60	41 x 2,5	THV-L-35-G 1 1/4“-WDS-OMD
200	42	G 1 1/2“	40,5	87,0	51,0	60	70	46 x 3,0	THV-L-42-G 1 1/2“-WDS-OMD

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L9	SW1	SW2		
500	6	G 1/4“	16,5	30,0	22,5	19	22	12,5 x 1,5	THV-S-06-G 1/4“-WDS-OMD
450	8	G 1/4“	16,5	30,0	22,5	19	22	12,5 x 1,5	THV-S-08-G 1/4“-WDS-OMD
400	10	G 1/4“	16,5	30,0	25,5	19	22	12,5 x 1,5	THV-S-10-G 1/4“-WDS-OMD
400	10	G 3/8“	18,5	36,0	25,5	24	27	16 x 1,5	THV-S-10-G 3/8“-WDS-OMD
400	12	G 3/8“	18,5	36,0	25,5	24	27	16 x 1,5	THV-S-12-G 3/8“-WDS-OMD
400	14	G 1/2“	22,5	45,0	30,5	30	32	20 x 1,5	THV-S-14-G 1/2“-WDS-OMD
400	16	G 1/2“	22,0	45,0	30,5	30	32	20 x 1,5	THV-S-16-G 1/2“-WDS-OMD
400	20	G 3/4“	26,5	53,0	37,0	36	40	25 x 2,0	THV-S-20-G 3/4“-WDS-OMD
250	25	G 1“	31,5	66,0	43,5	46	50	33 x 2,5	THV-S-25-G 1“-WDS-OMD
250	30	G 1 1/4“	37,0	76,0	51,0	55	60	41 x 2,5	THV-S-30-G 1 1/4“-WDS-OMD
250	38	G 1 1/2“	41,5	87,0	57,0	60	70	46 x 3,0	THV-S-38-G 1 1/2“-WDS-OMD

T-Schwenkverschraubungen
Mit VA-Dichtkantenring für Ausdrehung DIN 3852 (schmal)
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
O-Ring: FPM

Banjo Tees
With Stainless Steel Sealing Ring for DIN 3852 (small)
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
Thread G: Metric - Parallel
O-Ring: FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
100	4	M 8 x 1	11,0	24,0	17	18	10	9,3 x 1,3	THV-LL-04-M 8x1
100	6	M 10 x 1	11,5	24,0	17	18	12	9,3 x 1,3	THV-LL-06-M 10x1
100	8	M 10 x 1	12,5	24,0	17	18	14	9,3 x 1,3	THV-LL-08-M 10x1

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
500	6	M 10 x 1	12,0	24,0	17	18	14	9,3 x 1,3	THV-L-06-M 10x1
400	8	M 12 x 1,5	14,5	30,0	19	22	17	12,5 x 1,5	THV-L-08-M 12x1,5
350	10	M 14 x 1,5	15,5	30,0	19	22	19	12,5 x 1,5	THV-L-10-M 14x1,5
350	12	M 16 x 1,5	18,0	36,0	24	27	22	16 x 1,5	THV-L-12-M 16x1,5
315	15	M 18 x 1,5	20,5	39,5	27	30	27	18 x 1,5	THV-L-15-M 18x1,5
315	18	M 22 x 1,5	21,0	45,0	30	32	32	20 x 1,5	THV-L-18-M 22x1,5
200	22	M 26 x 1,5	27,5	53,0	36	40	36	25 x 2,0	THV-L-22-M 26x1,5
200	28	M 33 x 2	32,0	66,0	46	50	41	33 x 2,5	THV-L-28-M 33x2
200	35	M 42 x 2	36,0	76,0	55	60	50	41 x 2,5	THV-L-35-M 42x2
200	42	M 48 x 2	40,5	87,0	60	70	60	46 x 3,0	THV-L-42-M 48x2

Reihe / Series S

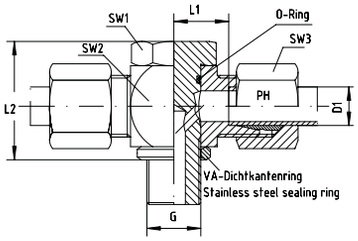
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
500	6	M 12 x 1,5	16,5	30,0	19	22	17	12,5 x 1,5	THV-S-06-M 12x1,5
450	8	M 14 x 1,5	16,5	30,0	19	22	19	12,5 x 1,5	THV-S-08-M 14x1,5
400	10	M 16 x 1,5	18,5	36,0	24	27	22	16 x 1,5	THV-S-10-M 16x1,5
400	12	M 18 x 1,5	20,0	39,5	27	30	24	18 x 1,5	THV-S-12-M 18x1,5
400	14	M 20 x 1,5	22,5	43,5	30	32	27	20 x 1,5	THV-S-14-M 20x1,5
400	16	M 22 x 1,5	22,0	45,0	30	32	30	20 x 1,5	THV-S-16-M 22x1,5
400	20	M 27 x 2	26,5	53,0	36	40	36	25 x 2,0	THV-S-20-M 27x2
250	25	M 33 x 2	31,5	66,0	46	50	46	33 x 2,5	THV-S-25-M 33x2
250	30	M 42 x 2	37,0	76,0	55	60	50	41 x 2,5	THV-S-30-M 42x2
250	38	M 48 x 2	41,5	87,0	60	70	60	46 x 3,0	THV-S-38-M 48x2

THV - T - SCHWENK - VERSCHRAUBUNGEN

THV - BANJO - TEES

T-Schwenkverschraubungen
Mit VA-Dichtkantenring für Ausdrehung DIN 3852 (schmal)
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
O-Ring: FPM

Banjo Tees
With Stainless Steel Sealing Ring for DIN 3852 (small)
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
Thread G: Metric - Parallel
O-Ring: FPM



Reihe / Series L

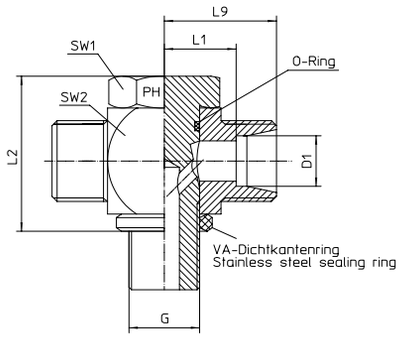
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	M 10 x 1	12,0	24,0	17	18	14	9,3 x 1,3	THV-L-06-M 10x1-SC
400	8	M 12 x 1,5	14,5	30,0	19	22	17	12,5 x 1,5	THV-L-08-M 12x1,5-SC
350	10	M 14 x 1,5	15,5	30,0	19	22	19	12,5 x 1,5	THV-L-10-M 14x1,5-SC
350	12	M 16 x 1,5	18,0	36,0	24	27	22	16 x 1,5	THV-L-12-M 16x1,5-SC
315	15	M 18 x 1,5	20,5	39,5	27	30	27	18 x 1,5	THV-L-15-M 18x1,5-SC
315	18	M 22 x 1,5	21,0	45,0	30	32	32	20 x 1,5	THV-L-18-M 22x1,5-SC
200	22	M 26 x 1,5	27,5	53,0	36	40	36	25 x 2,0	THV-L-22-M 26x1,5-SC
200	28	M 33 x 2	32,0	66,0	46	50	41	33 x 2,5	THV-L-28-M 33x2-SC
200	35	M 42 x 2	36,0	76,0	55	60	50	41 x 2,5	THV-L-35-M 42x2-SC
200	42	M 48 x 2	40,5	87,0	60	70	60	46 x 3,0	THV-L-42-M 48x2-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	M 12 x 1,5	16,5	30,0	19	22	17	12,5 x 1,5	THV-S-06-M 12x1,5-SC
450	8	M 14 x 1,5	16,5	30,0	19	22	19	12,5 x 1,5	THV-S-08-M 14x1,5-SC
400	10	M 16 x 1,5	18,5	36,0	24	27	22	16 x 1,5	THV-S-10-M 16x1,5-SC
400	12	M 18 x 1,5	20,0	39,5	27	30	24	18 x 1,5	THV-S-12-M 18x1,5-SC
400	14	M 20 x 1,5	22,5	43,5	30	32	27	20 x 1,5	THV-S-14-M 20x1,5-SC
400	16	M 22 x 1,5	22,0	45,0	30	32	30	20 x 1,5	THV-S-16-M 22x1,5-SC
400	20	M 27 x 2	26,5	53,0	36	40	36	25 x 2,0	THV-S-20-M 27x2-SC
250	25	M 33 x 2	31,5	66,0	46	50	46	33 x 2,5	THV-S-25-M 33x2-SC
250	30	M 42 x 2	37,0	76,0	55	60	50	41 x 2,5	THV-S-30-M 42x2-SC
250	38	M 48 x 2	41,5	87,0	60	70	60	46 x 3,0	THV-S-38-M 48x2-SC

T-Schwenkverschraubungen
Mit VA-Dichtkantenring für Ausdrehung DIN 3852 (schmal)
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
O-Ring: FPM

Banjo Tees
With Stainless Steel Sealing Ring for DIN 3852 (small)
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
Thread G: Metric - Parallel
O-Ring: FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L9	SW1	SW2		
100	4	M 8 x 1	11,0	24,0	17,0	17	18	9,3 x 1,3	THV-LL-04-M 8x1-OMD
100	6	M 10 x 1	11,5	24,0	17,0	17	18	9,3 x 1,3	THV-LL-06-M 10x1-OMD
100	8	M 10 x 1	12,5	24,0	18,0	17	18	9,3 x 1,3	THV-LL-08-M 10x1-OMD

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L9	SW1	SW2		
500	6	M 10 x 1	12,0	24,0	19,0	17	18	9,3 x 1,3	THV-L-06-M 10x1-OMD
400	8	M 12 x 1,5	14,5	30,0	22,5	19	22	12,5 x 1,5	THV-L-08-M 12x1,5-OMD
350	10	M 14 x 1,5	15,5	30,0	22,5	19	22	12,5 x 1,5	THV-L-10-M 14x1,5-OMD
350	12	M 16 x 1,5	18,0	36,0	25,5	24	27	16 x 1,5	THV-L-12-M 16x1,5-OMD
315	15	M 18 x 1,5	20,5	39,5	27,5	27	30	18 x 1,5	THV-L-15-M 18x1,5-OMD
315	18	M 22 x 1,5	21,0	45,0	28,5	30	32	20 x 1,5	THV-L-18-M 22x1,5-OMD
200	22	M 26 x 1,5	27,5	53,0	35,0	36	40	25 x 2,0	THV-L-22-M 26x1,5-OMD
200	28	M 33 x 2	32,0	66,0	39,5	46	50	33 x 2,5	THV-L-28-M 33x2-OMD
200	35	M 42 x 2	36,0	76,0	46,5	55	60	41 x 2,5	THV-L-35-M 42x2-OMD
200	42	M 48 x 2	40,5	87,0	51,0	60	70	46 x 3,0	THV-L-42-M 48x2-OMD

Reihe / Series S

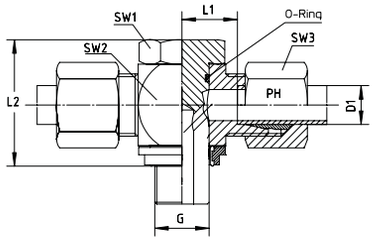
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L9	SW1	SW2		
500	6	M 12 x 1,5	16,5	30,0	22,5	19	22	12,5 x 1,5	THV-S-06-M 12x1,5-OMD
450	8	M 14 x 1,5	16,5	30,0	22,5	19	22	12,5 x 1,5	THV-S-08-M 14x1,5-OMD
400	10	M 16 x 1,5	18,5	36,0	25,5	24	27	16 x 1,5	THV-S-10-M 16x1,5-OMD
400	12	M 18 x 1,5	20,0	39,5	25,5	27	30	18 x 1,5	THV-S-12-M 18x1,5-OMD
400	14	M 20 x 1,5	22,5	43,5		30	32	20 x 1,5	THV-S-14-M 20x1,5-OMD
400	16	M 22 x 1,5	22,0	45,0	30,5	30	32	20 x 1,5	THV-S-16-M 22x1,5-OMD
400	20	M 27 x 2	26,5	53,0	37,0	36	40	25 x 2,0	THV-S-20-M 27x2-OMD
250	25	M 33 x 2	31,5	66,0	43,5	46	50	33 x 2,5	THV-S-25-M 33x2-OMD
250	30	M 42 x 2	37,0	76,0	51,0	55	60	41 x 2,5	THV-S-30-M 42x2-OMD
250	38	M 48 x 2	41,5	87,0	57,0	60	70	46 x 3,0	THV-S-38-M 48x2-OMD

THV - T - SCHWENK - VERSCHRAUBUNGEN

THV - BANJO - TEES

T-Schwenkverschraubungen
Für Einschraubloch mit Eindrehung schmal nach ISO 9974
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Mit gekammerter Weichdichtung - FPM -
Rubrik 8.280
Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
O-Ring: FPM

Banjo Tees
For recesses narrow ISO 9974
Banjo Bolt must be greased prior to assembly (see General Information Category 1)
With Bonded Seal Ring - FPM - Category 8.280
Thread G: Metric - Parallel
O-Ring: FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
100	6	M 10 x 1	11,5	24,0	17	18	12	9,3 x 1,3	THV-LL-06-M 10x1-WDS
100	8	M 10 x 1	12,5	24,0	17	18	14	9,3 x 1,3	THV-LL-08-M 10x1-WDS

Reihe / Series L

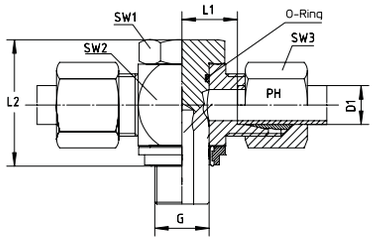
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
500	6	M 10 x 1	12,0	24,0	17	18	14	9,3 x 1,3	THV-L-06-M 10x1-WDS
400	8	M 12 x 1,5	14,5	30,0	19	22	17	12,5 x 1,5	THV-L-08-M 12x1,5-WDS
350	10	M 14 x 1,5	15,5	30,0	19	22	19	12,5 x 1,5	THV-L-10-M 14x1,5-WDS
350	12	M 16 x 1,5	18,0	36,0	24	27	22	16 x 1,5	THV-L-12-M 16x1,5-WDS
315	15	M 18 x 1,5	20,5	39,5	27	30	27	18 x 1,5	THV-L-15-M 18x1,5-WDS
315	18	M 22 x 1,5	21,0	45,0	30	32	32	20 x 1,5	THV-L-18-M 22x1,5-WDS
200	22	M 26 x 1,5	27,5	53,0	36	40	36	25 x 2,0	THV-L-22-M 26x1,5-WDS
200	28	M 33 x 2	32,0	66,0	46	50	41	33 x 2,5	THV-L-28-M 33x2-WDS
200	35	M 42 x 2	36,0	76,0	55	60	50	41 x 2,5	THV-L-35-M 42x2-WDS
200	42	M 48 x 2	40,5	87,0	60	70	60	46 x 3,0	THV-L-42-M 48x2-WDS

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
500	6	M 12 x 1,5	16,5	30,0	19	22	17	12,5 x 1,5	THV-S-06-M 12x1,5-WDS
450	8	M 14 x 1,5	16,5	30,0	19	22	19	12,5 x 1,5	THV-S-08-M 14x1,5-WDS
400	10	M 16 x 1,5	18,5	36,0	24	27	22	16 x 1,5	THV-S-10-M 16x1,5-WDS
400	12	M 18 x 1,5	20,0	39,5	27	30	24	18 x 1,5	THV-S-12-M 18x1,5-WDS
400	16	M 22 x 1,5	22,0	45,0	30	32	30	20 x 1,5	THV-S-16-M 22x1,5-WDS
400	20	M 27 x 2	26,5	53,0	36	40	36	25 x 2,0	THV-S-20-M 27x2-WDS
250	25	M 33 x 2	31,5	66,0	46	50	46	33 x 2,5	THV-S-25-M 33x2-WDS
250	30	M 42 x 2	37,0	76,0	55	60	50	41 x 2,5	THV-S-30-M 42x2-WDS
250	38	M 48 x 2	41,5	87,0	60	70	60	46 x 3,0	THV-S-38-M 48x2-WDS

T-Schwenkverschraubungen
Für Einschraubloch mit Eindrehung schmal nach ISO 9974
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Mit gekammerter Weichdichtung - FPM -
Rubrik 8.280
Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
O-Ring: FPM

Banjo Tees
For recesses narrow ISO 9974
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
With Bonded Seal Ring - FPM - Category 8.280
Thread G: Metric - Parallel
O-Ring: FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	M 10 x 1	12,0	24,0	17	18	14	9,3 x 1,3	THV-L-06-M 10x1-WDS-SC
400	8	M 12 x 1,5	14,5	30,0	19	22	17	12,5 x 1,5	THV-L-08-M 12x1,5-WDS-SC
350	10	M 14 x 1,5	15,5	30,0	19	22	19	12,5 x 1,5	THV-L-10-M 14x1,5-WDS-SC
350	12	M 16 x 1,5	18,0	36,0	24	27	22	16 x 1,5	THV-L-12-M 16x1,5-WDS-SC
315	15	M 18 x 1,5	20,5	39,5	27	30	27	18 x 1,5	THV-L-15-M 18x1,5-WDS-SC
315	18	M 22 x 1,5	21,0	45,0	30	32	32	20 x 1,5	THV-L-18-M 22x1,5-WDS-SC
200	22	M 26 x 1,5	27,5	53,0	36	40	36	25 x 2,0	THV-L-22-M 26x1,5-WDS-SC
200	28	M 33 x 2	32,0	66,0	46	50	41	33 x 2,5	THV-L-28-M 33x2-WDS-SC
200	35	M 42 x 2	36,0	76,0	55	60	50	41 x 2,5	THV-L-35-M 42x2-WDS-SC
200	42	M 48 x 2	40,5	87,0	60	70	60	46 x 3,0	THV-L-42-M 48x2-WDS-SC

Reihe / Series S

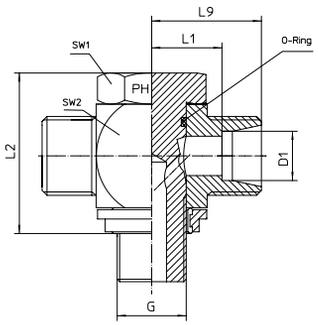
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G	L1	L2	SW1	SW2	SW3		
500	6	M 12 x 1,5	16,5	30,0	19	22	17	12,5 x 1,5	THV-S-06-M 12x1,5-WDS-SC
450	8	M 14 x 1,5	16,5	30,0	19	22	19	12,5 x 1,5	THV-S-08-M 14x1,5-WDS-SC
400	10	M 16 x 1,5	18,5	36,0	24	27	22	16 x 1,5	THV-S-10-M 16x1,5-WDS-SC
400	12	M 18 x 1,5	20,0	39,5	27	30	24	18 x 1,5	THV-S-12-M 18x1,5-WDS-SC
400	16	M 22 x 1,5	22,0	45,0	30	32	30	20 x 1,5	THV-S-16-M 22x1,5-WDS-SC
400	20	M 27 x 2	26,5	53,0	36	40	36	25 x 2,0	THV-S-20-M 27x2-WDS-SC
250	25	M 33 x 2	31,5	66,0	46	50	46	33 x 2,5	THV-S-25-M 33x2-WDS-SC
250	30	M 42 x 2	37,0	76,0	55	60	50	41 x 2,5	THV-S-30-M 42x2-WDS-SC
250	38	M 48 x 2	41,5	87,0	60	70	60	46 x 3,0	THV-S-38-M 48x2-WDS-SC

THV - T - SCHWENK - VERSCHRAUBUNGEN

THV - BANJO - TEES

T-Schwenkverschraubungen
Für Einschraubloch mit Eindrehung schmal nach ISO 9974
Hohlschraube muss vor der Montage geschmiert werden (siehe Allgemeine Informationen Rubrik 1)
Mit gekammerter Weichdichtung - FPM -
Rubrik 8.280
Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
O-Ring: FPM

Banjo Tees
For recesses narrow ISO 9974
Banjo Bolt must be greased prior to assembly
(see General Information Category 1)
With Bonded Seal Ring - FPM - Category 8.280
Thread G: Metric - Parallel
O-Ring: FPM



Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L9**	**SW1**	**SW2**		
100	6	M 10 x 1	11,5	24,0	17,0	17	18	9,3 x 1,3	THV-LL-06-M 10x1-WDS-OMD
100	8	M 10 x 1	12,5	24,0	18,0	17	18	9,3 x 1,3	THV-LL-08-M 10x1-WDS-OMD

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L9**	**SW1**	**SW2**		
500	6	M 10 x 1	12,0	24,0	19,0	17	18	9,3 x 1,3	THV-L-06-M 10x1-WDS-OMD
400	8	M 12 x 1,5	14,5	30,0	22,5	19	22	12,5 x 1,5	THV-L-08-M 12x1,5-WDS-OMD
350	10	M 14 x 1,5	15,5	30,0	22,5	19	22	12,5 x 1,5	THV-L-10-M 14x1,5-WDS-OMD
350	12	M 16 x 1,5	18,0	36,0	25,5	24	27	16 x 1,5	THV-L-12-M 16x1,5-WDS-OMD
315	15	M 18 x 1,5	20,5	39,5	27,5	27	30	18 x 1,5	THV-L-15-M 18x1,5-WDS-OMD
315	18	M 22 x 1,5	21,0	45,0	28,5	30	32	20 x 1,5	THV-L-18-M 22x1,5-WDS-OMD
200	22	M 26 x 1,5	27,5	53,0	35,0	36	40	25 x 2,0	THV-L-22-M 26x1,5-WDS-OMD
200	28	M 33 x 2	32,0	66,0	39,5	46	50	33 x 2,5	THV-L-28-M 33x2-WDS-OMD
200	35	M 42 x 2	36,0	76,0	46,5	55	60	41 x 2,5	THV-L-35-M 42x2-WDS-OMD
200	42	M 48 x 2	40,5	87,0	51,0	60	70	46 x 3,0	THV-L-42-M 48x2-WDS-OMD

Reihe / Series S

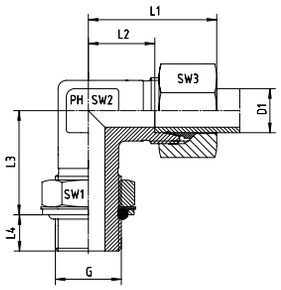
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L9**	**SW1**	**SW2**		
500	6	M 12 x 1,5	16,5	30,0	22,5	19	22	12,5 x 1,5	THV-S-06-M 12x1,5-WDS-OMD
450	8	M 14 x 1,5	16,5	30,0	22,5	19	22	12,5 x 1,5	THV-S-08-M 14x1,5-WDS-OMD
400	10	M 16 x 1,5	18,5	36,0	25,5	24	27	16 x 1,5	THV-S-10-M 16x1,5-WDS-OMD
400	12	M 18 x 1,5	20,0	39,5	25,5	27	30	18 x 1,5	THV-S-12-M 18x1,5-WDS-OMD
400	16	M 22 x 1,5	22,0	45,0		30	32	20 x 1,5	THV-S-16-M 22x1,5-WDS-OMD
400	20	M 27 x 2	26,5	53,0	37,0	36	40	25 x 2,0	THV-S-20-M 27x2-WDS-OMD
250	25	M 33 x 2	31,5	66,0	43,5	46	50	33 x 2,5	THV-S-25-M 33x2-WDS-OMD
250	30	M 42 x 2	37,0	76,0	51,0	55	60	41 x 2,5	THV-S-30-M 42x2-WDS-OMD
250	38	M 48 x 2	41,5	87,0	57,0	60	70	46 x 3,0	THV-S-38-M 48x2-WDS-OMD

WEEV - EINSTELLBARE - WINKEL - EINSCHRAUB - VERSCHRAUBUNGEN

WEEV - ADJUSTABLE - MALE - STUD - ELBOW - COUPLINGS

Einstellbare Winkel-Verschraubungen
mit Kontermutter
Für Einschraublöcher mit schmaler
und breiter Ausdrehung
Abdichtung durch O-Ring (FPM) und Kammerring (ISO 1179)

Adjustable Elbow Couplings with Locknut
For Port with small and large countersink
Sealing by O-Ring (FPM) with Retaining Ring
(ISO 1179)



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G = BSP**	**D1**	**L1**	**L2**	**L3**	**L4**	**SW1**	**SW2**	**SW3**		
315	6	G 1/8“	6	29,0	14,0	19,0	7,0	14	14	14	8 x 2,2	WEEV-LR-06-G 1/8“
315	8	G 1/4“	8	31,0	16,0	23,0	9,0	19	14	17	10,77 x 2,62	WEEV-LR-08-G 1/4“
315	10	G 1/4“	10	32,0	17,0	25,0	9,0	19	19	19	10,77 x 2,62	WEEV-LR-10-G 1/4“
250	12	G 3/8“	12	34,0	19,0	28,0	9,0	22	19	22	13,94 x 2,62	WEEV-LR-12-G 3/8“
250	15	G 1/2“	15	36,0	21,0	30,0	13,0	27	19	27	17,86 x 2,62	WEEV-LR-15-G 1/2“
250	18	G 1/2“	18	40,0	24,0	36,0	13,0	27	24	32	17,68 x 2,62	WEEV-LR-18-G 1/2“
160	22	G 3/4“	22	44,0	28,0	36,0	13,0	36	27	36	23,47 x 2,62	WEEV-LR-22-G 3/4“
160	28	G 1“	28	47,0	31,0	44,0	15,0	41	36	41	29,74 x 3,53	WEEV-LR-28-G 1“
160	35	G 1 1/4“	35	59,0	38,0	50,0	15,0	50	50	50	37,69 x 3,53	WEEV-LR-35-G 1 1/4“
160	42	G 1 1/2“	42	61,0	38,0	52,0	15,0	55	50	60	44,04 x 3,53	WEEV-LR-42-G 1 1/2“

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								O-Ring O-ring	Bestellzeichen Order-Code
PN	**D1**	**G = BSP**	**D1**	**L1**	**L2**	**L3**	**L4**	**SW1**	**SW2**	**SW3**		
315	6	G 1/4“	6	30,0	15,0	23,0	9,0	19	14	17	10,77 x 2,62	WEEV-SR-06-G 1/4“
315	8	G 1/4“	8	32,0	17,0	27,0	9,0	19	19	19	10,77 x 2,62	WEEV-SR-08-G 1/4“
250	10	G 3/8“	10	34,0	18,0	29,0	9,0	22	19	22	13,94 x 2,62	WEEV-SR-10-G 3/8“
250	12	G 3/8“	12	38,0	22,0	29,0	9,0	22	19	24	13,94 x 2,62	WEEV-SR-12-G 3/8“
250	16	G 1/2“	16	43,0	25,0	36,0	13,0	27	24	30	17,86 x 2,62	WEEV-SR-16-G 1/2“
250	20	G 3/4“	20	49,0	28,0	39,0	12,0	36	27	36	23,47 x 2,62	WEEV-SR-20-G 3/4“
250	25	G 1“	25	54,0	30,0	44,0	14,0	41	36	46	29,74 x 3,53	WEEV-SR-25-G 1“
160	30	G 1 1/4“	30	62,0	36,0	49,0	15,0	50	50	50	37,69 x 3,53	WEEV-SR-30-G 1 1/4“
160	38	G 1 1/2“	38	65,0	34,0	55,0	15,0	55	50	60	37,69 x 3,53	WEEV-SR-38-G 1 1/2“

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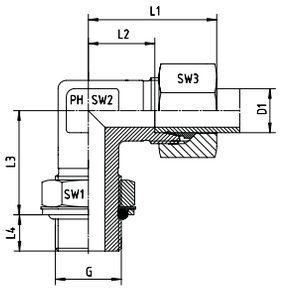

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G = BSP	D1	L1	L2	L3	L4	SW1	SW2	SW3		
315	6	G 1/8“	6,0	29,0	14,0	19,0	7,0	14	14	14	8 x 2,2	WEEV-LR-06-G 1/8“-SC
315	8	G 1/4“	8,0	31,0	16,0	23,0	9,0	19	14	17	10,77 x 2,62	WEEV-LR-08-G 1/4“-SC
315	10	G 1/4“	10,0	32,0	17,0	25,0	9,0	19	19	19	10,77 x 2,62	WEEV-LR-10-G 1/4“-SC
250	12	G 3/8“	12,0	34,0	19,0	28,0	9,0	22	19	22	13,94 x 2,62	WEEV-LR-12-G 3/8“-SC
250	15	G 1/2“	15,0	36,0	21,0	30,0	13,0	27	19	27	17,86 x 2,62	WEEV-LR-15-G 1/2“-SC
250	18	G 1/2“	18,0	40,0	24,0	36,0	13,0	27	24	32	17,68 x 2,62	WEEV-LR-18-G 1/2“-SC
160	22	G 3/4“	22,0	44,0	28,0	36,0	13,0	36	27	36	23,47 x 2,62	WEEV-LR-22-G 3/4“-SC
160	28	G 1“	28,0	47,0	31,0	44,0	15,0	41	36	41	29,74 x 3,53	WEEV-LR-28-G 1“-SC
160	35	G 1 1/4“	35,0	59,0	38,0	50,0	15,0	50	50	50	37,69 x 3,53	WEEV-LR-35-G 1 1/4“-SC
160	42	G 1 1/2“	42,0	61,0	38,0	52,0	15,0	55	50	60	44,04 x 3,53	WEEV-LR-42-G 1 1/2“-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G = BSP	D1	L1	L2	L3	L4	SW1	SW2	SW3		
315	6	G 1/4“	6,0	30,0	15,0	23,0	9,0	19	14	17	10,77 x 2,62	WEEV-SR-06-G 1/4“-SC
315	8	G 1/4“	8,0	32,0	17,0	27,0	9,0	19	19	19	10,77 x 2,62	WEEV-SR-08-G 1/4“-SC
250	10	G 3/8“	10,0	34,0	18,0	29,0	9,0	22	19	22	13,94 x 2,62	WEEV-SR-10-G 3/8“-SC
250	12	G 3/8“	12,0	38,0	22,0	29,0	9,0	22	19	24	13,94 x 2,62	WEEV-SR-12-G 3/8“-SC
250	16	G 1/2“	16,0	43,0	25,0	36,0	13,0	27	24	30	17,86 x 2,62	WEEV-SR-16-G 1/2“-SC
250	20	G 3/4“	20,0	49,0	28,0	39,0	12,0	36	27	36	23,47 x 2,62	WEEV-SR-20-G 3/4“-SC
250	25	G 1“	25,0	54,0	30,0	44,0	14,0	41	36	46	29,74 x 3,53	WEEV-SR-25-G 1“-SC
160	30	G 1 1/4“	30,0	62,0	36,0	49,0	15,0	50	50	50	37,69 x 3,53	WEEV-SR-30-G 1 1/4“-SC
160	38	G 1 1/2“	38,0	65,0	34,0	55,0	15,0	55	50	60	37,69 x 3,53	WEEV-SR-38-G 1 1/2“-SC

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WEEV - ADJUSTABLE - MALE - STUD - ELBOW - COUPLINGS

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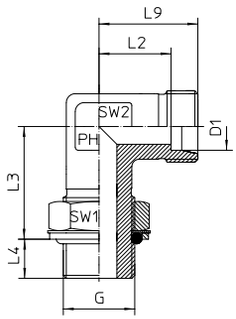


Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G = BSP	L2	L3	L4	L9	SW1	SW2		
315	6	G 1/8“	14,0	19,0	7,0		14	14	8 x 2,2	WEEV-LR-06-G 1/8“-OMD
315	8	G 1/4“	16,0	23,0	9,0	23,0	19	14	10,77 x 2,62	WEEV-LR-08-G 1/4“-OMD
315	10	G 1/4“	17,0	25,0	9,0	24,0	19	19	10,77 x 2,62	WEEV-LR-10-G 1/4“-OMD
250	12	G 3/8“	19,0	28,0	9,0	26,0	22	19	13,94 x 2,62	WEEV-LR-12-G 3/8“-OMD
250	15	G 1/2“	21,0	30,0	13,0	28,0	27	19	17,86 x 2,62	WEEV-LR-15-G 1/2“-OMD
250	18	G 1/2“	24,0	36,0	13,0	31,0	27	24	17,68 x 2,62	WEEV-LR-18-G 1/2“-OMD
160	22	G 3/4“	28,0	36,0	13,0	35,0	36	27	23,47 x 2,62	WEEV-LR-22-G 3/4“-OMD
160	28	G 1“	31,0	44,0	15,0	38,0	41	36	29,74 x 3,53	WEEV-LR-28-G 1“-OMD
160	35	G 1 1/4“	38,0	50,0	15,0	48,5	50	50	37,69 x 3,53	WEEV-LR-35-G 1 1/4“-OMD
160	42	G 1 1/2“	38,0	52,0	15,0	51,0	55	50	44,04 x 3,53	WEEV-LR-42-G 1 1/2“-OMD

Reihe / Series S

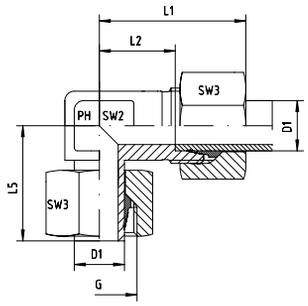
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						O-Ring O-ring	Bestellzeichen Order-Code
PN	D1	G = BSP	L2	L3	L4	L9	SW1	SW2		
315	6	G 1/4“	15,0	23,0	9,0		19	14	10,77 x 2,62	WEEV-SR-06-G 1/4“-OMD
315	8	G 1/4“	17,0	27,0	9,0		19	19	10,77 x 2,62	WEEV-SR-08-G 1/4“-OMD
250	10	G 3/8“	18,0	29,0	9,0	25,0	22	19	13,94 x 2,62	WEEV-SR-10-G 3/8“-OMD
250	12	G 3/8“	22,0	29,0	9,0	29,5	22	19	13,94 x 2,62	WEEV-SR-12-G 3/8“-OMD
250	16	G 1/2“	25,0	36,0	13,0	33,0	27	24	17,86 x 2,62	WEEV-SR-16-G 1/2“-OMD
250	20	G 3/4“	28,0	39,0	12,0	38,0	36	27	23,47 x 2,62	WEEV-SR-20-G 3/4“-OMD
250	25	G 1“	30,0	44,0	14,0		41	36	29,74 x 3,53	WEEV-SR-25-G 1“-OMD
160	30	G 1 1/4“	36,0	49,0	15,0	49,5	50	50	37,69 x 3,53	WEEV-SR-30-G 1 1/4“-OMD
160	38	G 1 1/2“	34,0	55,0	15,0	57,0	55	50	37,69 x 3,53	WEEV-SR-38-G 1 1/2“-OMD

EVW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN

EVW - ADJUSTABLE - ELBOWS

Einstellbare Winkel-Verschraubungen
Einsteckausführung - Vormontiert
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstieges.

Adjustable Elbows
Male Stud Type - Pre-Assembled
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
315	6	M 12 x 1,5	27,0	12,0	26,0	12	14		EVW-L-06
315	8	M 14 x 1,5	29,0	14,0	27,5	12	17		EVW-L-08
315	10	M 16 x 1,5	30,0	15,0	29,0	14	19		EVW-L-10
315	12	M 18 x 1,5	32,0	17,0	29,5	17	22		EVW-L-12
315	15	M 22 x 1,5	36,0	21,0	32,5	19	27		EVW-L-15
315	18	M 26 x 1,5	40,0	23,5	35,5	24	32		EVW-L-18
160	22	M 30 x 2	44,0	27,5	38,5	27	36		EVW-L-22
160	28	M 36 x 2	47,0	30,5	43,5	36	41		EVW-L-28
160	35	M 45 x 2	56,0	34,5	54,0	41	50		EVW-L-35
160	42	M 52 x 2	63,0	40,0	56,0	50	60		EVW-L-42

Reihe / Series S

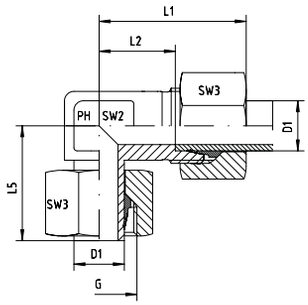
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
630	6	M 14 x 1,5	31,0	16,0	27,0	12	17		EVW-S-06
630	8	M 16 x 1,5	32,0	17,0	27,5	14	19		EVW-S-08
630	10	M 18 x 1,5	34,0	17,5	30,0	17	22		EVW-S-10
630	12	M 20 x 1,5	38,0	21,5	31,0	17	24		EVW-S-12
630	14	M 22 x 1,5	40,0	22,0	35,0	19	27		EVW-S-14
400	16	M 24 x 1,5	43,0	24,5	36,5	24	30		EVW-S-16
400	20	M 30 x 2	48,0	26,5	44,5	27	36		EVW-S-20
400	25	M 36 x 2	54,0	30,0	50,0	36	46		EVW-S-25
400	30	M 42 x 2	62,0	35,5	55,0	41	50		EVW-S-30
250	38	M 52 x 2	72,0	41,0	63,0	50	60		EVW-S-38

EVW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN

EVW - ADJUSTABLE - ELBOWS

Einstellbare Winkel-Verschraubungen
Einsteckausführung - Vormontiert
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstieges.

Adjustable Elbows
Male Stud Type - Pre-Assembled
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
315	6	M 12 x 1,5	27,0	12,0	26,0	12	14		EVW-L-06-SC
315	8	M 14 x 1,5	29,0	14,0	27,5	12	17		EVW-L-08-SC
315	10	M 16 x 1,5	30,0	15,0	29,0	14	19		EVW-L-10-SC
315	12	M 18 x 1,5	32,0	17,0	29,5	17	22		EVW-L-12-SC
315	15	M 22 x 1,5	36,0	21,0	32,5	19	27		EVW-L-15-SC
315	18	M 26 x 1,5	40,0	23,5	35,5	24	32		EVW-L-18-SC
160	22	M 30 x 2	44,0	27,5	38,5	27	36		EVW-L-22-SC
160	28	M 36 x 2	47,0	30,5	43,5	36	41		EVW-L-28-SC
160	35	M 45 x 2	56,0	34,5	54,0	41	50		EVW-L-35-SC
160	42	M 52 x 2	63,0	40,0	56,0	50	60		EVW-L-42-SC

Reihe / Series S

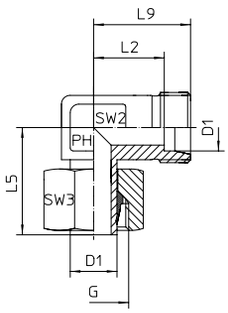
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
630	6	M 14 x 1,5	31,0	16,0	27,0	12	17		EVW-S-06-SC
630	8	M 16 x 1,5	32,0	17,0	27,5	14	19		EVW-S-08-SC
630	10	M 18 x 1,5	34,0	17,5	30,0	17	22		EVW-S-10-SC
630	12	M 20 x 1,5	38,0	21,5	31,0	17	24		EVW-S-12-SC
630	14	M 22 x 1,5	40,0	22,0	35,0	19	27		EVW-S-14-SC
400	16	M 24 x 1,5	43,0	24,5	36,5	24	30		EVW-S-16-SC
400	20	M 30 x 2	48,0	26,5	44,5	27	36		EVW-S-20-SC
400	25	M 36 x 2	54,0	30,0	50,0	36	46		EVW-S-25-SC
400	30	M 42 x 2	62,0	35,5	55,0	41	50		EVW-S-30-SC
250	38	M 52 x 2	72,0	41,0	63,0	50	60		EVW-S-38-SC

EVW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN

EVW - ADJUSTABLE - ELBOWS

Einstellbare Winkel-Verschraubungen
Einsteckausführung - Vormontiert
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstieges.

Adjustable Elbows
Male Stud Type - Pre-Assembled
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L5**	**L9**	**SW2**	**SW3**		
315	6	M 12 x 1,5	12,0	26,0	19,0	12	14		EVW-L-06-OMD
315	8	M 14 x 1,5	14,0	27,5	21,0	12	17		EVW-L-08-OMD
315	10	M 16 x 1,5	15,0	29,0	22,0	14	19		EVW-L-10-OMD
315	12	M 18 x 1,5	17,0	29,5	24,0	17	22		EVW-L-12-OMD
315	15	M 22 x 1,5	21,0	32,5	28,0	19	27		EVW-L-15-OMD
315	18	M 26 x 1,5	23,5	35,5	31,0	24	32		EVW-L-18-OMD
160	22	M 30 x 2	27,5	38,5	35,0	27	36		EVW-L-22-OMD
160	28	M 36 x 2	30,5	43,5	38,0	36	41		EVW-L-28-OMD
160	35	M 45 x 2	34,5	54,0	45,0	41	50		EVW-L-35-OMD
160	42	M 52 x 2	40,0	56,0	51,0	50	60		EVW-L-42-OMD

Reihe / Series S

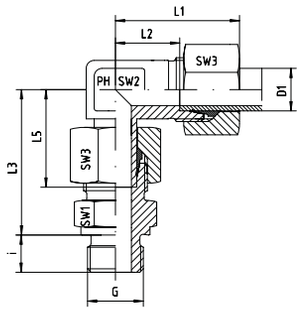
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L5**	**L9**	**SW2**	**SW3**		
630	6	M 14 x 1,5	16,0	27,0	23,0	12	17		EVW-S-06-OMD
630	8	M 16 x 1,5	17,0	27,5	24,0	14	19		EVW-S-08-OMD
630	10	M 18 x 1,5	17,5	30,0	25,0	17	22		EVW-S-10-OMD
630	12	M 20 x 1,5	21,5	31,0	29,0	17	24		EVW-S-12-OMD
630	14	M 22 x 1,5	22,0	35,0	30,0	19	27		EVW-S-14-OMD
400	16	M 24 x 1,5	24,5	36,5	33,0	24	30		EVW-S-16-OMD
400	20	M 30 x 2	26,5	44,5	37,0	27	36		EVW-S-20-OMD
400	25	M 36 x 2	30,0	50,0	42,0	36	46		EVW-S-25-OMD
400	30	M 42 x 2	35,5	55,0	49,0	41	50		EVW-S-30-OMD
250	38	M 52 x 2	41,0	63,0	57,0	50	60		EVW-S-38-OMD

EVW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN

EVW - ADJUSTABLE - ELBOWS

Einstellbare Winkel-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich fühlbaren Kraftanstieges.

Adjustable Elbows
Male Stud Type - Pre-Assembled
Thread: BSP - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
315	6	G 1/8“	27,0	12,0	34,5	26,0	8,0	14	12	14	EVW-L-06-G 1/8“
315	8	G 1/4“	29,0	14,0	37,5	27,5	12,0	19	12	17	EVW-L-08-G 1/4“
315	10	G 1/4“	30,0	15,0	40,0	29,0	12,0	19	14	19	EVW-L-10-G 1/4“
315	12	G 1/4“	32,0	17,0	42,0	29,5	12,0	19	17	22	EVW-L-12-G 1/4“
315	12	G 3/8“	32,0	17,0	42,0	29,5	12,0	22	17	22	EVW-L-12-G 3/8“
315	12	G 1/2“	32,0	17,0	43,0	29,5	14,0	27	17	22	EVW-L-12-G 1/2“
315	15	G 1/2“	36,0	21,0	46,5	32,5	14,0	27	19	27	EVW-L-15-G 1/2“
315	18	G 1/2“	40,0	23,5	50,0	35,5	14,0	27	24	32	EVW-L-18-G 1/2“
160	22	G 3/4“	44,0	27,5	55,0	38,5	16,0	32	27	36	EVW-L-22-G 3/4“
160	28	G 1“	47,0	30,5	61,0	43,5	18,0	41	36	41	EVW-L-28-G 1“
160	35	G 1 1/4“	56,0	34,5	71,5	54,0	20,0	50	41	50	EVW-L-35-G 1 1/4“
160	42	G 1 1/2“	63,0	40,0	75,0	56,0	22,0	55	50	60	EVW-L-42-G 1 1/2“

Reihe / Series S

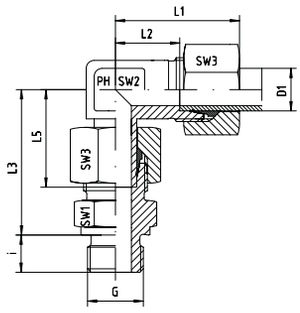
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
630	6	G 1/4“	31,0	16,0	40,0	27,0	12,0	19	12	17	EVW-S-06-G 1/4“
630	8	G 1/4“	32,0	17,0	42,5	27,5	12,0	19	14	19	EVW-S-08-G 1/4“
630	10	G 3/8“	34,0	17,5	45,0	30,0	12,0	22	17	22	EVW-S-10-G 3/8“
630	12	G 3/8“	38,0	21,5	48,0	31,0	12,0	22	17	24	EVW-S-12-G 3/8“
630	12	G 1/2“	38,0	21,5	50,0	31,0	14,0	27	17	24	EVW-S-12-G 1/2“
630	14	G 1/2“	40,0	22,0	54,0	35,0	14,0	27	19	27	EVW-S-14-G 1/2“
400	16	G 1/2“	43,0	24,5	55,0	36,5	14,0	27	24	30	EVW-S-16-G 1/2“
400	20	G 3/4“	48,0	26,5	65,0	44,5	16,0	32	27	36	EVW-S-20-G 3/4“
400	25	G 1“	54,0	30,0	73,0	50,0	18,0	41	36	46	EVW-S-25-G 1“
400	30	G 1 1/4“	62,0	35,5	78,5	55,0	20,0	50	41	50	EVW-S-30-G 1 1/4“
250	38	G 1 1/2“	72,0	41,0	89,0	63,0	22,0	55	50	60	EVW-S-38-G 1 1/2“

EVW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN

EVW - ADJUSTABLE - ELBOWS

Einstellbare Winkel-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich fühlbaren Kraftanstieges.

Adjustable Elbows
Male Stud Type - Pre-Assembled
Thread: BSP - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
315	6	G 1/8“	27,0	12,0	34,5	26,0	8,0	14	12	14	EVW-L-06-G 1/8“-SC
315	8	G 1/4“	29,0	14,0	37,5	27,5	12,0	19	12	17	EVW-L-08-G 1/4“-SC
315	10	G 1/4“	30,0	15,0	40,0	29,0	12,0	19	14	19	EVW-L-10-G 1/4“-SC
315	12	G 1/4“	32,0	17,0	42,0	29,5	12,0	19	17	22	EVW-L-12-G 1/4“-SC
315	12	G 3/8“	32,0	17,0	42,0	29,5	12,0	22	17	22	EVW-L-12-G 3/8“-SC
315	12	G 1/2“	32,0	17,0	43,0	29,5	14,0	27	17	22	EVW-L-12-G 1/2“-SC
315	15	G 1/2“	36,0	21,0	46,5	32,5	14,0	27	19	27	EVW-L-15-G 1/2“-SC
315	18	G 1/2“	40,0	23,5	50,0	35,5	14,0	27	24	32	EVW-L-18-G 1/2“-SC
160	22	G 3/4“	44,0	27,5	55,0	38,5	16,0	32	27	36	EVW-L-22-G 3/4“-SC
160	28	G 1“	47,0	30,5	61,0	43,5	18,0	41	36	41	EVW-L-28-G 1“-SC
160	35	G 1 1/4“	56,0	34,5	71,5	54,0	20,0	50	41	50	EVW-L-35-G 1 1/4“-SC
160	42	G 1 1/2“	63,0	40,0	75,0	56,0	22,0	55	50	60	EVW-L-42-G 1 1/2“-SC

Reihe / Series S

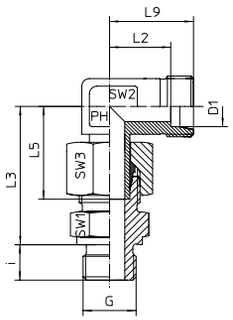
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
630	6	G 1/4“	31,0	16,0	40,0	27,0	12,0	19	12	17	EVW-S-06-G 1/4“-SC
630	8	G 1/4“	32,0	17,0	42,5	27,5	12,0	19	14	19	EVW-S-08-G 1/4“-SC
630	10	G 3/8“	34,0	17,5	45,0	30,0	12,0	22	17	22	EVW-S-10-G 3/8“-SC
630	12	G 3/8“	38,0	21,5	48,0	31,0	12,0	22	17	24	EVW-S-12-G 3/8“-SC
630	12	G 1/2“	38,0	21,5	50,0	31,0	14,0	27	17	24	EVW-S-12-G 1/2“-SC
630	14	G 1/2“	40,0	22,0	54,0	35,0	14,0	27	19	27	EVW-S-14-G 1/2“-SC
400	16	G 1/2“	43,0	24,5	55,0	36,5	14,0	27	24	30	EVW-S-16-G 1/2“-SC
400	20	G 3/4“	48,0	26,5	65,0	44,5	16,0	32	27	36	EVW-S-20-G 3/4“-SC
400	25	G 1“	54,0	30,0	73,0	50,0	18,0	41	36	46	EVW-S-25-G 1“-SC
400	30	G 1 1/4“	62,0	35,5	78,5	55,0	20,0	50	41	50	EVW-S-30-G 1 1/4“-SC
250	38	G 1 1/2“	72,0	41,0	89,0	63,0	22,0	55	50	60	EVW-S-38-G 1 1/2“-SC

EVW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN

EVW - ADJUSTABLE - ELBOWS

Einstellbare Winkel-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der
Überwurfmutter über den Punkt des deutlich
fühlbaren Kraftanstieges.

Adjustable Elbows
Male Stud Type - Pre-Assembled
Thread: BSP - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in
appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions							Bestellzeichen Order-Code
PN	D1	G	L3	L5	L9	i	SW1	SW2	SW3	
315	6	G 1/8“	34,5	26,0	19,0	8,0	14	12	14	EVW-L-06-G 1/8“-OMD
315	8	G 1/4“	37,5	27,5	21,0	12,0	19	12	17	EVW-L-08-G 1/4“-OMD
315	10	G 1/4“	40,0	29,0	22,0	12,0	19	14	19	EVW-L-10-G 1/4“-OMD
315	12	G 1/4“	42,0	29,5	24,0	12,0	19	17	22	EVW-L-12-G 1/4“-OMD
315	12	G 3/8“	42,0	29,5	24,0	12,0	22	17	22	EVW-L-12-G 3/8“-OMD
315	12	G 1/2“	43,0	29,5	24,0	14,0	27	17	22	EVW-L-12-G 1/2“-OMD
315	15	G 1/2“	46,5	32,5	28,0	14,0	27	19	27	EVW-L-15-G 1/2“-OMD
315	18	G 1/2“	50,0	35,5	31,0	14,0	27	24	32	EVW-L-18-G 1/2“-OMD
160	22	G 3/4“	55,0	38,5	35,0	16,0	32	27	36	EVW-L-22-G 3/4“-OMD
160	28	G 1“	61,0	43,5	38,0	18,0	41	36	41	EVW-L-28-G 1“-OMD
160	35	G 1 1/4“	71,5	54,0	45,0	20,0	50	41	50	EVW-L-35-G 1 1/4“-OMD
160	42	G 1 1/2“	75,0	56,0	51,0	22,0	55	50	60	EVW-L-42-G 1 1/2“-OMD

Reihe / Series S

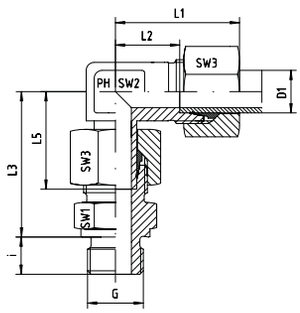
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions							Bestellzeichen Order-Code
PN	D1	G	L3	L5	L9	i	SW1	SW2	SW3	
630	6	G 1/4“	40,0	27,0	23,0	12,0	19	12	17	EVW-S-06-G 1/4“-OMD
630	8	G 1/4“	42,5	27,5	24,0	12,0	19	14	19	EVW-S-08-G 1/4“-OMD
630	10	G 3/8“	45,0	30,0	25,0	12,0	22	17	22	EVW-S-10-G 3/8“-OMD
630	12	G 3/8“	48,0	31,0	29,0	12,0	22	17	24	EVW-S-12-G 3/8“-OMD
630	12	G 1/2“	50,0	31,0	29,0	14,0	27	17	24	EVW-S-12-G 1/2“-OMD
630	14	G 1/2“	54,0	35,0	30,0	14,0	27	19	27	EVW-S-14-G 1/2“-OMD
400	16	G 1/2“	55,0	36,5	33,0	14,0	27	24	30	EVW-S-16-G 1/2“-OMD
400	20	G 3/4“	65,0	44,5	37,0	16,0	32	27	36	EVW-S-20-G 3/4“-OMD
400	25	G 1“	73,0	50,0	42,0	18,0	41	36	46	EVW-S-25-G 1“-OMD
400	30	G 1 1/4“	78,5	55,0	49,0	20,0	50	41	50	EVW-S-30-G 1 1/4“-OMD
250	38	G 1 1/2“	89,0	63,0	57,0	22,0	55	50	60	EVW-S-38-G 1 1/2“-OMD

EVW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN

EVW - ADJUSTABLE - ELBOWS

Einstellbare Winkel-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich fühlbaren Kraftanstieges.

Adjustable Elbows
Male Stud Type - Pre-Assembled
Thread: Metric - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
315	6	M 10 x 1	27,0	12,0	34,5	26,0	8,0	14	12	14	EVW-L-06-M 10x1
315	8	M 12 x 1,5	29,0	14,0	37,5	27,5	12,0	17	12	17	EVW-L-08-M 12x1,5
315	10	M 14 x 1,5	30,0	15,0	40,0	29,0	12,0	19	14	19	EVW-L-10-M 14x1,5
315	12	M 16 x 1,5	32,0	17,0	42,0	29,5	12,0	22	17	22	EVW-L-12-M 16x1,5
315	15	M 18 x 1,5	36,0	21,0	46,0	32,5	12,0	24	19	27	EVW-L-15-M 18x1,5
315	18	M 22 x 1,5	40,0	23,5	50,0	35,5	14,0	27	24	32	EVW-L-18-M 22x1,5
160	22	M 26 x 1,5	44,0	27,5	55,0	38,5	16,0	32	27	36	EVW-L-22-M 26x1,5
160	28	M 33 x 2	47,0	30,5	61,0	43,5	18,0	41	36	41	EVW-L-28-M 33x2
160	35	M 42 x 2	56,0	34,5	71,5	54,0	20,0	50	41	50	EVW-L-35-M 42x2
160	42	M 48 x 2	63,0	40,0	75,0	56,0	22,0	55	50	60	EVW-L-42-M 48x2

Reihe / Series S

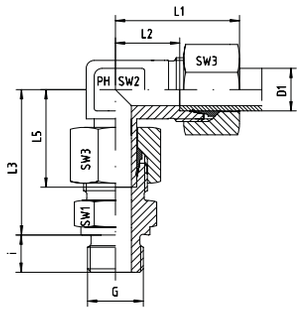
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
630	6	M 12 x 1,5	31,0	16,0	40,0	27,0	12,0	17	12	17	EVW-S-06-M 12x1,5
630	8	M 14 x 1,5	32,0	17,0	42,5	27,5	12,0	19	14	19	EVW-S-08-M 14x1,5
630	10	M 16 x 1,5	34,0	17,5	45,0	30,0	12,0	22	17	22	EVW-S-10-M 16x1,5
630	12	M 18 x 1,5	38,0	21,5	48,0	31,0	12,0	24	17	24	EVW-S-12-M 18x1,5
630	14	M 20 x 1,5	40,0	22,0	54,0	35,0	14,0	27	19	27	EVW-S-14-M 20x1,5
400	16	M 22 x 1,5	43,0	24,5	55,0	36,5	14,0	27	24	30	EVW-S-16-M 22x1,5
400	20	M 27 x 2	48,0	26,5	65,0	44,5	16,0	32	27	36	EVW-S-20-M 27x2
400	25	M 33 x 2	54,0	30,0	73,0	50,0	18,0	41	36	46	EVW-S-25-M 33x2
400	30	M 42 x 2	62,0	35,5	78,5	55,0	20,0	50	41	50	EVW-S-30-M 42x2
250	38	M 48 x 2	72,0	41,0	89,0	63,0	22,0	55	50	60	EVW-S-38-M 48x2

EVW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN

EVW - ADJUSTABLE - ELBOWS

Einstellbare Winkel-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich fühlbaren Kraftanstieges.

Adjustable Elbows
Male Stud Type - Pre-Assembled
Thread: Metric - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
315	6	M 10 x 1	27,0	12,0	34,5	26,0	8,0	14	12	14	EVW-L-06-M 10x1-SC
315	8	M 12 x 1,5	29,0	14,0	37,5	27,5	12,0	17	12	17	EVW-L-08-M 12x1,5-SC
315	10	M 14 x 1,5	30,0	15,0	40,0	29,0	12,0	19	14	19	EVW-L-10-M 14x1,5-SC
315	12	M 16 x 1,5	32,0	17,0	42,0	29,5	12,0	22	17	22	EVW-L-12-M 16x1,5-SC
315	15	M 18 x 1,5	36,0	21,0	46,0	32,5	12,0	24	19	27	EVW-L-15-M 18x1,5-SC
315	18	M 22 x 1,5	40,0	23,5	50,0	35,5	14,0	27	24	32	EVW-L-18-M 22x1,5-SC
160	22	M 26 x 1,5	44,0	27,5	55,0	38,5	16,0	32	27	36	EVW-L-22-M 26x1,5-SC
160	28	M 33 x 2	47,0	30,5	61,0	43,5	18,0	41	36	41	EVW-L-28-M 33x2-SC
160	35	M 42 x 2	56,0	34,5	71,5	54,0	20,0	50	41	50	EVW-L-35-M 42x2-SC
160	42	M 48 x 2	63,0	40,0	75,0	56,0	22,0	55	50	60	EVW-L-42-M 48x2-SC

Reihe / Series S

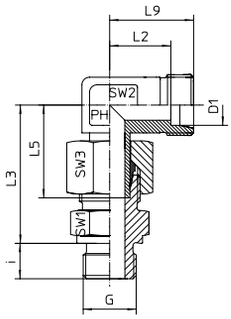
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
630	6	M 12 x 1,5	31,0	16,0	40,0	27,0	12,0	17	12	17	EVW-S-06-M 12x1,5-SC
630	8	M 14 x 1,5	32,0	17,0	42,5	27,5	12,0	19	14	19	EVW-S-08-M 14x1,5-SC
630	10	M 16 x 1,5	34,0	17,5	45,0	30,0	12,0	22	17	22	EVW-S-10-M 16x1,5-SC
630	12	M 18 x 1,5	38,0	21,5	48,0	31,0	12,0	24	17	24	EVW-S-12-M 18x1,5-SC
630	14	M 20 x 1,5	40,0	22,0	54,0	35,0	14,0	27	19	27	EVW-S-14-M 20x1,5-SC
400	16	M 22 x 1,5	43,0	24,5	55,0	36,5	14,0	27	24	30	EVW-S-16-M 22x1,5-SC
400	20	M 27 x 2	48,0	26,5	65,0	44,5	16,0	32	27	36	EVW-S-20-M 27x2-SC
400	25	M 33 x 2	54,0	30,0	73,0	50,0	18,0	41	36	46	EVW-S-25-M 33x2-SC
400	30	M 42 x 2	62,0	35,5	78,5	55,0	20,0	50	41	50	EVW-S-30-M 42x2-SC
250	38	M 48 x 2	72,0	41,0	89,0	63,0	22,0	55	50	60	EVW-S-38-M 48x2-SC

EVW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN

EVW - ADJUSTABLE - ELBOWS

Einstellbare Winkel-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich fühlbaren Kraftanstieges.

Adjustable Elbows
Male Stud Type - Pre-Assembled
Thread: Metric - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L2	L3	L5	L9	i	SW1	SW2	SW3	
315	6	M 10 x 1	12,0	34,5	26,0	19,0	8,0	14	12	14	EVW-L-06-M 10x1-OMD
315	8	M 12 x 1,5	14,0	37,5	27,5	21,0	12,0	17	12	17	EVW-L-08-M 12x1,5-OMD
315	10	M 14 x 1,5	15,0	40,0	29,0	22,0	12,0	19	14	19	EVW-L-10-M 14x1,5-OMD
315	12	M 16 x 1,5	17,0	42,0	29,5	24,0	12,0	22	17	22	EVW-L-12-M 16x1,5-OMD
315	15	M 18 x 1,5	21,0	46,0	32,5	28,0	12,0	24	19	27	EVW-L-15-M 18x1,5-OMD
315	18	M 22 x 1,5	23,5	50,0	35,5	31,0	14,0	27	24	32	EVW-L-18-M 22x1,5-OMD
160	22	M 26 x 1,5	27,5	55,0	38,5	35,0	16,0	32	27	36	EVW-L-22-M 26x1,5-OMD
160	28	M 33 x 2	30,5	61,0	43,5	38,0	18,0	41	36	41	EVW-L-28-M 33x2-OMD
160	35	M 42 x 2	34,5	71,5	54,0	45,0	20,0	50	41	50	EVW-L-35-M 42x2-OMD
160	42	M 48 x 2	40,0	75,0	56,0	51,0	22,0	55	50	60	EVW-L-42-M 48x2-OMD

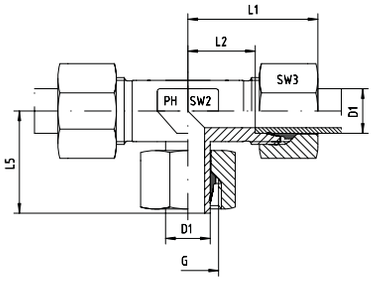
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L2	L3	L5	L9	i	SW1	SW2	SW3	
630	6	M 12 x 1,5	16,0	40,0	27,0	23,0	12,0	17	12	17	EVW-S-06-M 12x1,5-OMD
630	8	M 14 x 1,5	17,0	42,5	27,5	24,0	12,0	19	14	19	EVW-S-08-M 14x1,5-OMD
630	10	M 16 x 1,5	17,5	45,0	30,0	25,0	12,0	22	17	22	EVW-S-10-M 16x1,5-OMD
630	12	M 18 x 1,5	21,5	48,0	31,0	29,0	12,0	24	17	24	EVW-S-12-M 18x1,5-OMD
630	14	M 20 x 1,5	22,0	54,0	35,0	30,0	14,0	27	19	27	EVW-S-14-M 20x1,5-OMD
400	16	M 22 x 1,5	24,5	55,0	36,5	33,0	14,0	27	24	30	EVW-S-16-M 22x1,5-OMD
400	20	M 27 x 2	26,5	65,0	44,5	37,0	16,0	32	27	36	EVW-S-20-M 27x2-OMD
400	25	M 33 x 2	30,0	73,0	50,0	42,0	18,0	41	36	46	EVW-S-25-M 33x2-OMD
400	30	M 42 x 2	35,5	78,5	55,0	49,0	20,0	50	41	50	EVW-S-30-M 42x2-OMD
250	38	M 48 x 2	41,0	89,0	63,0	57,0	22,0	55	50	60	EVW-S-38-M 48x2-OMD

EVT - EINSTELLBARE - T - VERSCHRAUBUNGEN
EVT - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen
Einsteckausführung - Vormontiert
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich fühlbaren Kraftanstieges.

Adjustable Branch Tees
Male Stud Type - Pre-Assembled
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
315	6	M 12 x 1,5	27,0	12,0	26,0	12	14		EVT-L-06
315	8	M 14 x 1,5	29,0	14,0	27,5	12	17		EVT-L-08
315	10	M 16 x 1,5	30,0	15,0	29,0	14	19		EVT-L-10
315	12	M 18 x 1,5	32,0	17,0	29,5	17	22		EVT-L-12
315	15	M 22 x 1,5	36,0	21,0	32,5	19	27		EVT-L-15
315	18	M 26 x 1,5	40,0	23,5	35,5	24	32		EVT-L-18
160	22	M 30 x 2	44,0	27,5	38,5	27	36		EVT-L-22
160	28	M 36 x 2	47,0	30,5	41,5	36	41		EVT-L-28
160	35	M 45 x 2	56,0	34,5	54,0	41	50		EVT-L-35
160	42	M 52 x 2	63,0	40,0	56,0	50	60		EVT-L-42

Reihe / Series S

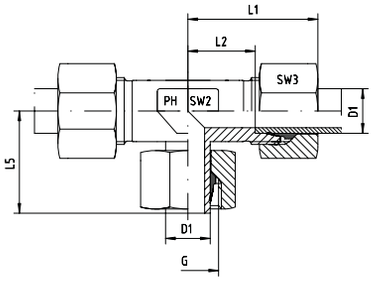
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
630	6	M 14 x 1,5	31,0	16,0	27,0	12	17		EVT-S-06
630	8	M 16 x 1,5	32,0	17,0	27,5	14	19		EVT-S-08
630	10	M 18 x 1,5	34,0	17,5	30,0	17	22		EVT-S-10
630	12	M 20 x 1,5	38,0	21,5	31,0	17	24		EVT-S-12
630	14	M 22 x 1,5	40,0	22,0	35,0	19	27		EVT-S-14
400	16	M 24 x 1,5	43,0	24,5	36,5	24	30		EVT-S-16
400	20	M 30 x 2	48,0	26,5	44,5	27	36		EVT-S-20
400	25	M 36 x 2	54,0	30,0	50,0	36	46		EVT-S-25
400	30	M 42 x 2	62,0	35,5	55,0	41	50		EVT-S-30
250	38	M 52 x 2	72,0	41,0	63,0	50	60		EVT-S-38

EVT - EINSTELLBARE - T - VERSCHRAUBUNGEN

EVT - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen
Einsteckausführung - Vormontiert
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich fühlbaren Kraftanstieges.

Adjustable Branch Tees
Male Stud Type - Pre-Assembled
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
315	6	M 12 x 1,5	27,0	12,0	26,0	12	14		EVT-L-06-SC
315	8	M 14 x 1,5	29,0	14,0	27,5	12	17		EVT-L-08-SC
315	10	M 16 x 1,5	30,0	15,0	29,0	14	19		EVT-L-10-SC
315	12	M 18 x 1,5	32,0	17,0	29,5	17	22		EVT-L-12-SC
315	15	M 22 x 1,5	36,0	21,0	32,5	19	27		EVT-L-15-SC
315	18	M 26 x 1,5	40,0	23,5	35,5	24	32		EVT-L-18-SC
160	22	M 30 x 2	44,0	27,5	38,5	27	36		EVT-L-22-SC
160	28	M 36 x 2	47,0	30,5	41,5	36	41		EVT-L-28-SC
160	35	M 45 x 2	56,0	34,5	54,0	41	50		EVT-L-35-SC
160	42	M 52 x 2	63,0	40,0	56,0	50	60		EVT-L-42-SC

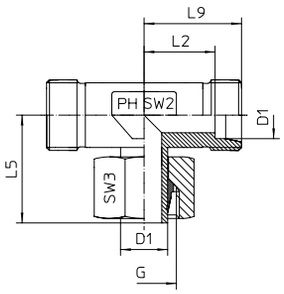
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
630	6	M 14 x 1,5	31,0	16,0	27,0	12	17		EVT-S-06-SC
630	8	M 16 x 1,5	32,0	17,0	27,5	14	19		EVT-S-08-SC
630	10	M 18 x 1,5	34,0	17,5	30,0	17	22		EVT-S-10-SC
630	12	M 20 x 1,5	38,0	21,5	31,0	17	24		EVT-S-12-SC
630	14	M 22 x 1,5	40,0	22,0	35,0	19	27		EVT-S-14-SC
400	16	M 24 x 1,5	43,0	24,5	36,5	24	30		EVT-S-16-SC
400	20	M 30 x 2	48,0	26,5	44,5	27	36		EVT-S-20-SC
400	25	M 36 x 2	54,0	30,0	50,0	36	46		EVT-S-25-SC
400	30	M 42 x 2	62,0	35,5	55,0	41	50		EVT-S-30-SC
250	38	M 52 x 2	72,0	41,0	63,0	50	60		EVT-S-38-SC

EVT - EINSTELLBARE - T - VERSCHRAUBUNGEN
EVT - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen
Einsteckausführung - Vormontiert
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich fühlbaren Kraftanstieges.

Adjustable Branch Tees
Male Stud Type - Pre-Assembled
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L5	L9	SW2	SW3		
315	6	M 12 x 1,5	12,0	26,0	19,0	12	14		EVT-L-06-OMD
315	8	M 14 x 1,5	14,0	27,5	21,0	12	17		EVT-L-08-OMD
315	10	M 16 x 1,5	15,0	29,0	22,0	14	19		EVT-L-10-OMD
315	12	M 18 x 1,5	17,0	29,5	24,0	17	22		EVT-L-12-OMD
315	15	M 22 x 1,5	21,0	32,5	28,0	19	27		EVT-L-15-OMD
315	18	M 26 x 1,5	23,5	35,5	31,0	24	32		EVT-L-18-OMD
160	22	M 30 x 2	27,5	38,5	35,0	27	36		EVT-L-22-OMD
160	28	M 36 x 2	30,5	41,5	38,0	36	41		EVT-L-28-OMD
160	35	M 45 x 2	34,5	54,0	45,0	41	50		EVT-L-35-OMD
160	42	M 52 x 2	40,0	56,0	51,0	50	60		EVT-L-42-OMD

Reihe / Series S

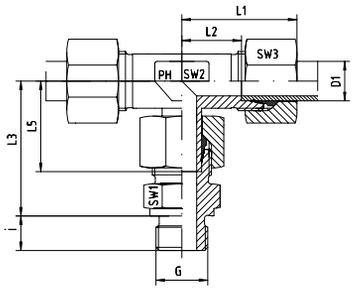
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L5	L9	SW2	SW3		
630	6	M 14 x 1,5	16,0	27,0	23,0	12	17		EVT-S-06-OMD
630	8	M 16 x 1,5	17,0	27,5	24,0	14	19		EVT-S-08-OMD
630	10	M 18 x 1,5	17,5	30,0	25,0	17	22		EVT-S-10-OMD
630	12	M 20 x 1,5	21,5	31,0	29,0	17	24		EVT-S-12-OMD
630	14	M 22 x 1,5	22,0	35,0	30,0	19	27		EVT-S-14-OMD
400	16	M 24 x 1,5	24,5	36,5	33,0	24	30		EVT-S-16-OMD
400	20	M 30 x 2	26,5	44,5	37,0	27	36		EVT-S-20-OMD
400	25	M 36 x 2	30,0	50,0	42,0	36	46		EVT-S-25-OMD
400	30	M 42 x 2	35,5	55,0	49,0	41	50		EVT-S-30-OMD
250	38	M 52 x 2	41,0	63,0	57,0	50	60		EVT-S-38-OMD

EVT - EINSTELLBARE - T - VERSCHRAUBUNGEN

EVT - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstiegs.

Adjustable Branch Tees
Male Stud Type - Pre-Assembled
Thread: BSP - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
315	6	G 1/8“	27,0	12,0	34,5	26,0	8,0	14	12	14	EVT-L-06-G 1/8“
315	8	G 1/4“	29,0	14,0	37,5	27,5	12,0	19	12	17	EVT-L-08-G 1/4“
315	10	G 1/4“	30,0	15,0	40,0	29,0	12,0	19	14	19	EVT-L-10-G 1/4“
315	12	G 3/8“	32,0	17,0	42,0	29,5	12,0	22	17	22	EVT-L-12-G 3/8“
315	15	G 1/2“	36,0	21,0	46,5	32,5	14,0	27	19	27	EVT-L-15-G 1/2“
315	18	G 1/2“	40,0	23,5	50,0	35,5	14,0	27	24	32	EVT-L-18-G 1/2“
160	22	G 3/4“	44,0	27,5	65,0	38,5	16,0	32	27	36	EVT-L-22-G 3/4“
160	28	G 1“	47,0	30,5	59,0	41,5	18,0	41	36	41	EVT-L-28-G 1“
160	35	G 1 1/4“	56,0	34,5	71,5	54,0	20,0	50	41	50	EVT-L-35-G 1 1/4“
160	42	G 1 1/2“	63,0	40,0	75,0	56,0	22,0	55	50	60	EVT-L-42-G 1 1/2“

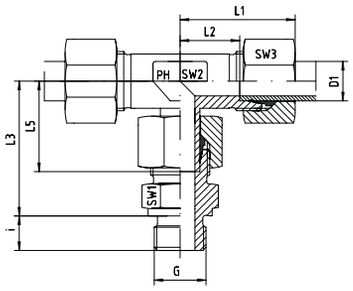
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
630	6	G 1/4“	31,0	16,0	40,0	27,0	12,0	19	12	17	EVT-S-06-G 1/4“
630	8	G 1/4“	32,0	17,0	42,5	27,5	12,0	19	14	19	EVT-S-08-G 1/4“
630	10	G 3/8“	34,0	17,5	45,0	30,0	12,0	22	17	22	EVT-S-10-G 3/8“
630	12	G 3/8“	38,0	21,5	48,0	31,0	12,0	22	17	24	EVT-S-12-G 3/8“
630	14	G 1/2“	40,0	22,0	54,0	35,0	14,0	27	19	27	EVT-S-14-G 1/2“
400	16	G 1/2“	43,0	24,5	55,0	36,5	14,0	27	24	30	EVT-S-16-G 1/2“
400	20	G 3/4“	48,0	26,5	65,0	44,5	16,0	32	27	36	EVT-S-20-G 3/4“
400	25	G 1“	54,0	30,0	73,0	50,0	18,0	41	36	46	EVT-S-25-G 1“
400	30	G 1 1/4“	62,0	35,5	78,5	55,0	20,0	50	41	50	EVT-S-30-G 1 1/4“
250	38	G 1 1/2“	72,0	41,0	89,0	63,0	22,0	55	50	60	EVT-S-38-G 1 1/2“

EVT - EINSTELLBARE - T - VERSCHRAUBUNGEN
EVT - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstiegs.

Adjustable Branch Tees
Male Stud Type - Pre-Assembled
Thread: BSP - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
315	6	G 1/8"	27,0	12,0	34,5	26,0	8,0	14	12	14	EVT-L-06-G 1/8"-SC
315	8	G 1/4"	29,0	14,0	37,5	27,5	12,0	19	12	17	EVT-L-08-G 1/4"-SC
315	10	G 1/4"	30,0	15,0	40,0	29,0	12,0	19	14	19	EVT-L-10-G 1/4"-SC
315	12	G 3/8"	32,0	17,0	42,0	29,5	12,0	22	17	22	EVT-L-12-G 3/8"-SC
315	15	G 1/2"	36,0	21,0	46,5	32,5	14,0	27	19	27	EVT-L-15-G 1/2"-SC
315	18	G 1/2"	40,0	23,5	50,0	35,5	14,0	27	24	32	EVT-L-18-G 1/2"-SC
160	22	G 3/4"	44,0	27,5	65,0	38,5	16,0	32	27	36	EVT-L-22-G 3/4"-SC
160	28	G 1"	47,0	30,5	59,0	41,5	18,0	41	36	41	EVT-L-28-G 1"-SC
160	35	G 1 1/4"	56,0	34,5	71,5	54,0	20,0	50	41	50	EVT-L-35-G 1 1/4"-SC
160	42	G 1 1/2"	63,0	40,0	75,0	56,0	22,0	55	50	60	EVT-L-42-G 1 1/2"-SC

Reihe / Series S

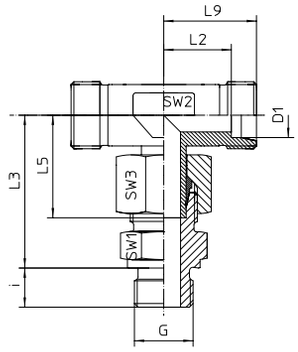
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
630	6	G 1/4"	31,0	16,0	40,0	27,0	12,0	19	12	17	EVT-S-06-G 1/4"-SC
630	8	G 1/4"	32,0	17,0	42,5	27,5	12,0	19	14	19	EVT-S-08-G 1/4"-SC
630	10	G 3/8"	34,0	17,5	45,0	30,0	12,0	22	17	22	EVT-S-10-G 3/8"-SC
630	12	G 3/8"	38,0	21,5	48,0	31,0	12,0	22	17	24	EVT-S-12-G 3/8"-SC
630	14	G 1/2"	40,0	22,0	54,0	35,0	14,0	27	19	27	EVT-S-14-G 1/2"-SC
400	16	G 1/2"	43,0	24,5	55,0	36,5	14,0	27	24	30	EVT-S-16-G 1/2"-SC
400	20	G 3/4"	48,0	26,5	65,0	44,5	16,0	32	27	36	EVT-S-20-G 3/4"-SC
400	25	G 1"	54,0	30,0	73,0	50,0	18,0	41	36	46	EVT-S-25-G 1"-SC
400	30	G 1 1/4"	62,0	35,5	78,5	55,0	20,0	50	41	50	EVT-S-30-G 1 1/4"-SC
250	38	G 1 1/2"	72,0	41,0	89,0	63,0	22,0	55	50	60	EVT-S-38-G 1 1/2"-SC

EVT - EINSTELLBARE - T - VERSCHRAUBUNGEN

EVT - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstiegs.

Adjustable Branch Tees
Male Stud Type - Pre-Assembled
Thread: BSP - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L2	L3	L5	L9	i	SW1	SW2	SW3	
315	6	G 1/8“	12,0	34,5	26,0	19,0	8,0	14	12	14	EVT-L-06-G 1/8“-OMD
315	8	G 1/4“	14,0	37,5	27,5	21,0	12,0	19	12	17	EVT-L-08-G 1/4“-OMD
315	10	G 1/4“	15,0	40,0	29,0	22,0	12,0	19	14	19	EVT-L-10-G 1/4“-OMD
315	12	G 3/8“	17,0	42,0	29,5	24,0	12,0	22	17	22	EVT-L-12-G 3/8“-OMD
315	15	G 1/2“	21,0	46,5	32,5	28,0	14,0	27	19	27	EVT-L-15-G 1/2“-OMD
315	18	G 1/2“	23,5	50,0	35,5	31,0	14,0	27	24	32	EVT-L-18-G 1/2“-OMD
160	22	G 3/4“	27,5	65,0	38,5	35,0	16,0	32	27	36	EVT-L-22-G 3/4“-OMD
160	28	G 1“	30,5	59,0	41,5	38,0	18,0	41	36	41	EVT-L-28-G 1“-OMD
160	35	G 1 1/4“	34,5	71,5	54,0	45,0	20,0	50	41	50	EVT-L-35-G 1 1/4“-OMD
160	42	G 1 1/2“	40,0	75,0	56,0	51,0	22,0	55	50	60	EVT-L-42-G 1 1/2“-OMD

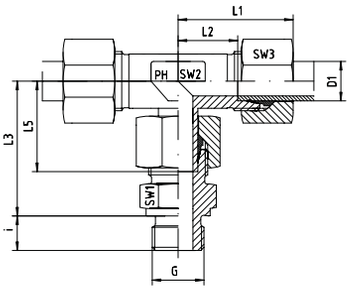
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L2	L3	L5	L9	i	SW1	SW2	SW3	
630	6	G 1/4“	16,0	40,0	27,0	23,0	12,0	19	12	17	EVT-S-06-G 1/4“-OMD
630	8	G 1/4“	17,0	42,5	27,5	24,0	12,0	19	14	19	EVT-S-08-G 1/4“-OMD
630	10	G 3/8“	17,5	45,0	30,0	25,0	12,0	22	17	22	EVT-S-10-G 3/8“-OMD
630	12	G 3/8“	21,5	48,0	31,0	29,0	12,0	22	17	24	EVT-S-12-G 3/8“-OMD
630	14	G 1/2“	22,0	54,0	35,0	30,0	14,0	27	19	27	EVT-S-14-G 1/2“-OMD
400	16	G 1/2“	24,5	55,0	36,5	33,0	14,0	27	24	30	EVT-S-16-G 1/2“-OMD
400	20	G 3/4“	26,5	65,0	44,5	37,0	16,0	32	27	36	EVT-S-20-G 3/4“-OMD
400	25	G 1“	30,0	73,0	50,0	42,0	18,0	41	36	46	EVT-S-25-G 1“-OMD
400	30	G 1 1/4“	35,5	78,5	55,0	49,0	20,0	50	41	50	EVT-S-30-G 1 1/4“-OMD
250	38	G 1 1/2“	41,0	89,0	63,0	57,0	22,0	55	50	60	EVT-S-38-G 1 1/2“-OMD

EVT - EINSTELLBARE - T - VERSCHRAUBUNGEN
EVT - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstiegs.

Adjustable Branch Tees
Male Stud Type - Pre-Assembled
Thread: Metric - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
315	6	M 10 x 1	27,0	12,0	34,5	26,0	8,0	14	12	14	EVT-L-06-M 10x1
315	8	M 12 x 1,5	29,0	14,0	37,5	27,5	12,0	17	12	17	EVT-L-08-M 12x1,5
315	10	M 14 x 1,5	30,0	15,0	40,0	29,0	12,0	19	14	19	EVT-L-10-M 14x1,5
315	12	M 16 x 1,5	32,0	17,0	42,0	29,5	12,0	22	17	22	EVT-L-12-M 16x1,5
315	15	M 18 x 1,5	36,0	21,0	46,0	32,5	12,0	24	19	27	EVT-L-15-M 18x1,5
315	18	M 22 x 1,5	40,0	23,5	50,0	35,5	14,0	27	24	32	EVT-L-18-M 22x1,5
160	22	M 26 x 1,5	44,0	27,5	55,0	38,5	16,0	32	27	36	EVT-L-22-M 26x1,5
160	28	M 33 x 2	47,0	30,5	59,0	41,5	18,0	41	36	41	EVT-L-28-M 33x2
160	35	M 42 x 2	56,0	34,5	71,5	54,0	20,0	50	41	50	EVT-L-35-M 42x2
160	42	M 48 x 2	63,0	40,0	75,0	56,0	22,0	55	50	60	EVT-L-42-M 48x2

Reihe / Series S

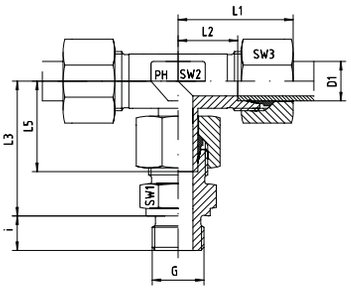
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
630	6	M 12 x 1,5	31,0	16,0	40,0	27,0	12,0	17	12	17	EVT-S-06-M 12x1,5
630	8	M 14 x 1,5	32,0	17,0	42,5	27,5	12,0	19	14	19	EVT-S-08-M 14x1,5
630	10	M 16 x 1,5	34,0	17,5	45,0	30,0	12,0	22	17	22	EVT-S-10-M 16x1,5
630	12	M 18 x 1,5	38,0	21,5	48,0	31,0	12,0	24	17	24	EVT-S-12-M 18x1,5
630	14	M 20 x 1,5	40,0	22,0	54,0	35,0	14,0	27	19	27	EVT-S-14-M 20x1,5
400	16	M 22 x 1,5	43,0	24,5	55,0	36,5	14,0	27	24	30	EVT-S-16-M 22x1,5
400	20	M 27 x 2	48,0	26,5	65,0	44,5	16,0	32	27	36	EVT-S-20-M 27x2
400	25	M 33 x 2	54,0	30,0	73,0	50,0	18,0	41	36	46	EVT-S-25-M 33x2
400	30	M 42 x 2	62,0	35,5	78,5	55,0	20,0	50	41	50	EVT-S-30-M 42x2
250	38	M 48 x 2	72,0	41,0	89,0	63,0	22,0	55	50	60	EVT-S-38-M 48x2

EVT - EINSTELLBARE - T - VERSCHRAUBUNGEN

EVT - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstiegs.

Adjustable Branch Tees
Male Stud Type - Pre-Assembled
Thread: Metric - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
315	6	M 10 x 1	27,0	12,0	34,5	26,0	8,0	14	12	14	EVT-L-06-M 10x1-SC
315	8	M 12 x 1,5	29,0	14,0	37,5	27,5	12,0	17	12	17	EVT-L-08-M 12x1,5-SC
315	10	M 14 x 1,5	30,0	15,0	40,0	29,0	12,0	19	14	19	EVT-L-10-M 14x1,5-SC
315	12	M 16 x 1,5	32,0	17,0	42,0	29,5	12,0	22	17	22	EVT-L-12-M 16x1,5-SC
315	15	M 18 x 1,5	36,0	21,0	46,0	32,5	12,0	24	19	27	EVT-L-15-M 18x1,5-SC
315	18	M 22 x 1,5	40,0	23,5	50,0	35,5	14,0	27	24	32	EVT-L-18-M 22x1,5-SC
160	22	M 26 x 1,5	44,0	27,5	55,0	38,5	16,0	32	27	36	EVT-L-22-M 26x1,5-SC
160	28	M 33 x 2	47,0	30,5	59,0	41,5	18,0	41	36	41	EVT-L-28-M 33x2-SC
160	35	M 42 x 2	56,0	34,5	71,5	54,0	20,0	50	41	50	EVT-L-35-M 42x2-SC
160	42	M 48 x 2	63,0	40,0	75,0	56,0	22,0	55	50	60	EVT-L-42-M 48x2-SC

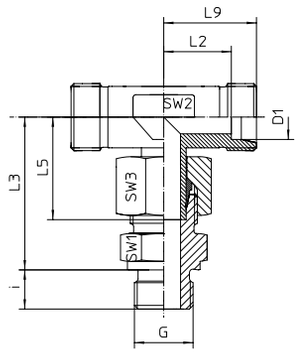
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
630	6	M 12 x 1,5	31,0	16,0	40,0	27,0	12,0	17	12	17	EVT-S-06-M 12x1,5-SC
630	8	M 14 x 1,5	32,0	17,0	42,5	27,5	12,0	19	14	19	EVT-S-08-M 14x1,5-SC
630	10	M 16 x 1,5	34,0	17,5	45,0	30,0	12,0	22	17	22	EVT-S-10-M 16x1,5-SC
630	12	M 18 x 1,5	38,0	21,5	48,0	31,0	12,0	24	17	24	EVT-S-12-M 18x1,5-SC
630	14	M 20 x 1,5	40,0	22,0	54,0	35,0	14,0	27	19	27	EVT-S-14-M 20x1,5-SC
400	16	M 22 x 1,5	43,0	24,5	55,0	36,5	14,0	27	24	30	EVT-S-16-M 22x1,5-SC
400	20	M 27 x 2	48,0	26,5	65,0	44,5	16,0	32	27	36	EVT-S-20-M 27x2-SC
400	25	M 33 x 2	54,0	30,0	73,0	50,0	18,0	41	36	46	EVT-S-25-M 33x2-SC
400	30	M 42 x 2	62,0	35,5	78,5	55,0	20,0	50	41	50	EVT-S-30-M 42x2-SC
250	38	M 48 x 2	72,0	41,0	89,0	63,0	22,0	55	50	60	EVT-S-38-M 48x2-SC

EVT - EINSTELLBARE - T - VERSCHRAUBUNGEN
EVT - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstiegs.

Adjustable Branch Tees
Male Stud Type - Pre-Assembled
Thread: Metric - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L2	L3	L5	L9	i	SW1	SW2	SW3	
315	6	M 10 x 1	12,0	34,5	26,0	19,0	8,0	14	12	14	EVT-L-06-M 10x1-OMD
315	8	M 12 x 1,5	14,0	37,5	27,5	21,0	12,0	17	12	17	EVT-L-08-M 12x1,5-OMD
315	10	M 14 x 1,5	15,0	40,0	29,0	22,0	12,0	19	14	19	EVT-L-10-M 14x1,5-OMD
315	12	M 16 x 1,5	17,0	42,0	29,5	24,0	12,0	22	17	22	EVT-L-12-M 16x1,5-OMD
315	15	M 18 x 1,5	21,0	46,0	32,5	28,0	12,0	24	19	27	EVT-L-15-M 18x1,5-OMD
315	18	M 22 x 1,5	23,5	50,0	35,5	31,0	14,0	27	24	32	EVT-L-18-M 22x1,5-OMD
160	22	M 26 x 1,5	27,5	55,0	38,5	35,0	16,0	32	27	36	EVT-L-22-M 26x1,5-OMD
160	28	M 33 x 2	30,5	59,0	41,5	38,0	18,0	41	36	41	EVT-L-28-M 33x2-OMD
160	35	M 42 x 2	34,5	71,5	54,0	45,0	20,0	50	41	50	EVT-L-35-M 42x2-OMD
160	42	M 48 x 2	40,0	75,0	56,0	51,0	22,0	55	50	60	EVT-L-42-M 48x2-OMD

Reihe / Series S

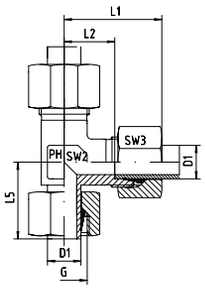
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L2	L3	L5	L9	i	SW1	SW2	SW3	
630	6	M 12 x 1,5	16,0	40,0	27,0	23,0	12,0	17	12	17	EVT-S-06-M 12x1,5-OMD
630	8	M 14 x 1,5	17,0	42,5	27,5	24,0	12,0	19	14	19	EVT-S-08-M 14x1,5-OMD
630	10	M 16 x 1,5	17,5	45,0	30,0	25,0	12,0	22	17	22	EVT-S-10-M 16x1,5-OMD
630	12	M 18 x 1,5	21,5	48,0	31,0	29,0	12,0	24	17	24	EVT-S-12-M 18x1,5-OMD
630	14	M 20 x 1,5	22,0	54,0	35,0	30,0	14,0	27	19	27	EVT-S-14-M 20x1,5-OMD
400	16	M 22 x 1,5	24,5	55,0	36,5	33,0	14,0	27	24	30	EVT-S-16-M 22x1,5-OMD
400	20	M 27 x 2	26,5	65,0	44,5	37,0	16,0	32	27	36	EVT-S-20-M 27x2-OMD
400	25	M 33 x 2	30,0	73,0	50,0	42,0	18,0	41	36	46	EVT-S-25-M 33x2-OMD
400	30	M 42 x 2	35,5	78,5	55,0	49,0	20,0	50	41	50	EVT-S-30-M 42x2-OMD
250	38	M 48 x 2	41,0	89,0	63,0	57,0	22,0	55	50	60	EVT-S-38-M 48x2-OMD

EVL - EINSTELLBARE - L - VERSCHRAUBUNGEN

EVL - ADJUSTABLE - RUN - TEE

Einstellbare L-Verschraubungen
Einsteckausführung - Vormontiert
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstieges.

Adjustable Run Tee
Male Stud Type - Pre-Assembled
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
315	6	M 12 x 1,5	27,0	12,0	26,0	12	14		EVL-L-06
315	8	M 14 x 1,5	29,0	14,0	27,5	12	17		EVL-L-08
315	10	M 16 x 1,5	30,0	15,0	29,0	14	19		EVL-L-10
315	12	M 18 x 1,5	32,0	17,0	29,5	17	22		EVL-L-12
315	15	M 22 x 1,5	36,0	21,0	32,5	19	27		EVL-L-15
315	18	M 26 x 1,5	40,0	23,5	35,5	24	32		EVL-L-18
160	22	M 30 x 2	44,0	27,5	38,5	27	36		EVL-L-22
160	28	M 36 x 2	47,0	30,5	43,5	36	41		EVL-L-28
160	35	M 45 x 2	56,0	34,5	54,0	41	50		EVL-L-35
160	42	M 52 x 2	63,0	40,0	56,0	50	60		EVL-L-42

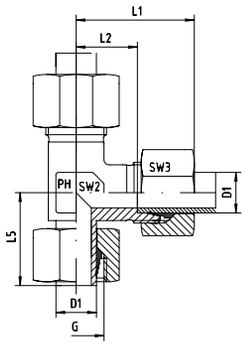
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
630	6	M 14 x 1,5	31,0	16,0	27,0	12	17		EVL-S-06
630	8	M 16 x 1,5	32,0	17,0	27,5	14	19		EVL-S-08
630	10	M 18 x 1,5	34,0	17,5	30,0	17	22		EVL-S-10
630	12	M 20 x 1,5	38,0	21,5	31,0	17	24		EVL-S-12
630	14	M 22 x 1,5	40,0	22,0	35,0	19	27		EVL-S-14
400	16	M 24 x 1,5	43,0	24,5	36,5	24	30		EVL-S-16
400	20	M 30 x 2	48,0	26,5	44,5	27	36		EVL-S-20
400	25	M 36 x 2	54,0	30,0	50,0	36	46		EVL-S-25
400	30	M 42 x 2	62,0	35,5	55,0	41	50		EVL-S-30
250	38	M 52 x 2	72,0	41,0	63,0	50	60		EVL-S-38

EVL - EINSTELLBARE - L - VERSCHRAUBUNGEN
EVL - ADJUSTABLE - RUN - TEE

Einstellbare L-Verschraubungen
Einsteckausführung - Vormontiert
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstieges.

Adjustable Run Tee
Male Stud Type - Pre-Assembled
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L5	SW2	SW3		
315	6	M 12 x 1,5	27,0	12,0	26,0	12	14		EVL-L-06-SC
315	8	M 14 x 1,5	29,0	14,0	27,5	12	17		EVL-L-08-SC
315	10	M 16 x 1,5	30,0	15,0	29,0	14	19		EVL-L-10-SC
315	12	M 18 x 1,5	32,0	17,0	29,5	17	22		EVL-L-12-SC
315	15	M 22 x 1,5	36,0	21,0	32,5	19	27		EVL-L-15-SC
315	18	M 26 x 1,5	40,0	23,5	35,5	24	32		EVL-L-18-SC
160	22	M 30 x 2	44,0	27,5	38,5	27	36		EVL-L-22-SC
160	28	M 36 x 2	47,0	30,5	43,5	36	41		EVL-L-28-SC
160	35	M 45 x 2	56,0	34,5	54,0	41	50		EVL-L-35-SC
160	42	M 52 x 2	63,0	40,0	56,0	50	60		EVL-L-42-SC

Reihe / Series S

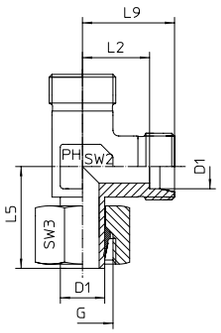
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L5	SW2	SW3		
630	6	M 14 x 1,5	31,0	16,0	27,0	12	17		EVL-S-06-SC
630	8	M 16 x 1,5	32,0	17,0	27,5	14	19		EVL-S-08-SC
630	10	M 18 x 1,5	34,0	17,5	30,0	17	22		EVL-S-10-SC
630	12	M 20 x 1,5	38,0	21,5	31,0	17	24		EVL-S-12-SC
630	14	M 22 x 1,5	40,0	22,0	35,0	19	27		EVL-S-14-SC
400	16	M 24 x 1,5	43,0	24,5	36,5	24	30		EVL-S-16-SC
400	20	M 30 x 2	48,0	26,5	44,5	27	36		EVL-S-20-SC
400	25	M 36 x 2	54,0	30,0	50,0	36	46		EVL-S-25-SC
400	30	M 42 x 2	62,0	35,5	55,0	41	50		EVL-S-30-SC
250	38	M 52 x 2	72,0	41,0	63,0	50	60		EVL-S-38-SC

EVL - EINSTELLBARE - L - VERSCHRAUBUNGEN

EVL - ADJUSTABLE - RUN - TEE

Einstellbare L-Verschraubungen
Einsteckausführung - Vormontiert
Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstieges.

Adjustable Run Tee
Male Stud Type - Pre-Assembled
Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L5**	**L9**	**SW2**	**SW3**		
315	6	M 12 x 1,5	12,0	26,0	19,0	12	14		EVL-L-06-OMD
315	8	M 14 x 1,5	14,0	27,5	21,0	12	17		EVL-L-08-OMD
315	10	M 16 x 1,5	15,0	29,0	22,0	14	19		EVL-L-10-OMD
315	12	M 18 x 1,5	17,0	29,5	24,0	17	22		EVL-L-12-OMD
315	15	M 22 x 1,5	21,0	32,5	28,0	19	27		EVL-L-15-OMD
315	18	M 26 x 1,5	23,5	35,5	31,0	24	32		EVL-L-18-OMD
160	22	M 30 x 2	27,5	38,5	35,0	27	36		EVL-L-22-OMD
160	28	M 36 x 2	30,5	43,5	38,0	36	41		EVL-L-28-OMD
160	35	M 45 x 2	34,5	54,0	45,0	41	50		EVL-L-35-OMD
160	42	M 52 x 2	40,0	56,0	51,0	50	60		EVL-L-42-OMD

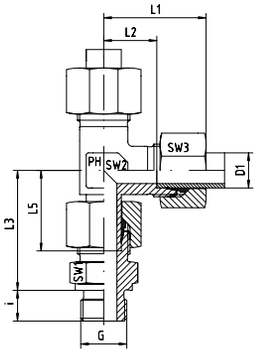
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L5**	**L9**	**SW2**	**SW3**		
630	6	M 14 x 1,5	16,0	27,0	23,0	12	17		EVL-S-06-OMD
630	8	M 16 x 1,5	17,0	27,5	24,0	14	19		EVL-S-08-OMD
630	10	M 18 x 1,5	17,5	30,0	25,0	17	22		EVL-S-10-OMD
630	12	M 20 x 1,5	21,5	31,0	29,0	17	24		EVL-S-12-OMD
630	14	M 22 x 1,5	22,0	35,0	30,0	19	27		EVL-S-14-OMD
400	16	M 24 x 1,5	24,5	36,5	33,0	24	30		EVL-S-16-OMD
400	20	M 30 x 2	26,5	44,5	37,0	27	36		EVL-S-20-OMD
400	25	M 36 x 2	30,0	50,0	42,0	36	46		EVL-S-25-OMD
400	30	M 42 x 2	35,5	55,0	49,0	41	50		EVL-S-30-OMD
250	38	M 52 x 2	41,0	63,0	57,0	50	60		EVL-S-38-OMD

EVL - EINSTELLBARE - L - VERSCHRAUBUNGEN
EVL - ADJUSTABLE - RUN - TEE

Einstellbare L-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstiegs.

Adjustable Run Tee
Male Stud Type - Pre-Assembled
Thread: BSP - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
315	6	G 1/8“	27,0	12,0	34,5	26,0	8,0	14	12	14	EVL-L-06-G 1/8“
315	8	G 1/4“	29,0	14,0	37,5	27,5	12,0	19	12	17	EVL-L-08-G 1/4“
315	10	G 1/4“	30,0	15,0	40,0	29,0	12,0	19	14	19	EVL-L-10-G 1/4“
315	12	G 3/8“	32,0	17,0	42,0	29,5	12,0	22	17	22	EVL-L-12-G 3/8“
315	15	G 1/2“	36,0	21,0	46,5	32,5	14,0	27	19	27	EVL-L-15-G 1/2“
315	18	G 1/2“	40,0	23,5	50,0	35,5	14,0	27	24	32	EVL-L-18-G 1/2“
160	22	G 3/4“	44,0	27,5	55,0	38,5	16,0	32	27	36	EVL-L-22-G 3/4“
160	28	G 1“	47,0	30,5	61,0	43,5	18,0	41	36	41	EVL-L-28-G 1“
160	35	G 1 1/4“	56,0	34,5	71,5	54,0	20,0	50	41	50	EVL-L-35-G 1 1/4“
160	42	G 1 1/2“	63,0	40,0	75,0	56,0	22,0	55	50	60	EVL-L-42-G 1 1/2“

Reihe / Series S

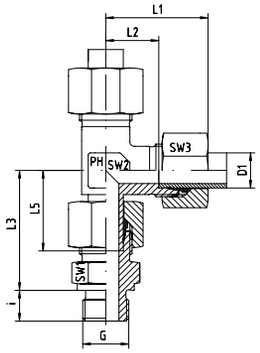
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
630	6	G 1/4“	31,0	16,0	40,0	27,0	12,0	19	12	17	EVL-S-06-G 1/4“
630	8	G 1/4“	32,0	17,0	42,5	27,5	12,0	19	14	19	EVL-S-08-G 1/4“
630	10	G 3/8“	34,0	17,5	45,0	30,0	12,0	22	17	22	EVL-S-10-G 3/8“
630	12	G 3/8“	38,0	21,5	48,0	31,0	12,0	22	17	24	EVL-S-12-G 3/8“
630	14	G 1/2“	40,0	22,0	54,0	35,0	14,0	27	19	27	EVL-S-14-G 1/2“
400	16	G 1/2“	43,0	24,5	55,0	36,5	14,0	27	24	30	EVL-S-16-G 1/2“
400	20	G 3/4“	48,0	26,5	65,0	44,5	16,0	32	27	36	EVL-S-20-G 3/4“
400	25	G 1“	54,0	30,0	73,0	50,0	18,0	41	36	46	EVL-S-25-G 1“
400	30	G 1 1/4“	62,0	35,5	78,5	55,0	20,0	50	41	50	EVL-S-30-G 1 1/4“
250	38	G 1 1/2“	72,0	41,0	89,0	63,0	22,0	55	50	60	EVL-S-38-G 1 1/2“

EVL - EINSTELLBARE - L - VERSCHRAUBUNGEN

EVL - ADJUSTABLE - RUN - TEE

Einstellbare L-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstiegs.

Adjustable Run Tee
Male Stud Type - Pre-Assembled
Thread: BSP - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
315	6	G 1/8"	27,0	12,0	34,5	26,0	8,0	14	12	14	EVL-L-06-G 1/8"-SC
315	8	G 1/4"	29,0	14,0	37,5	27,5	12,0	19	12	17	EVL-L-08-G 1/4"-SC
315	10	G 1/4"	30,0	15,0	40,0	29,0	12,0	19	14	19	EVL-L-10-G 1/4"-SC
315	12	G 3/8"	32,0	17,0	42,0	29,5	12,0	22	17	22	EVL-L-12-G 3/8"-SC
315	15	G 1/2"	36,0	21,0	46,5	32,5	14,0	27	19	27	EVL-L-15-G 1/2"-SC
315	18	G 1/2"	40,0	23,5	50,0	35,5	14,0	27	24	32	EVL-L-18-G 1/2"-SC
160	22	G 3/4"	44,0	27,5	55,0	38,5	16,0	32	27	36	EVL-L-22-G 3/4"-SC
160	28	G 1"	47,0	30,5	61,0	43,5	18,0	41	36	41	EVL-L-28-G 1"-SC
160	35	G 1 1/4"	56,0	34,5	71,5	54,0	20,0	50	41	50	EVL-L-35-G 1 1/4"-SC
160	42	G 1 1/2"	63,0	40,0	75,0	56,0	22,0	55	50	60	EVL-L-42-G 1 1/2"-SC

Reihe / Series S

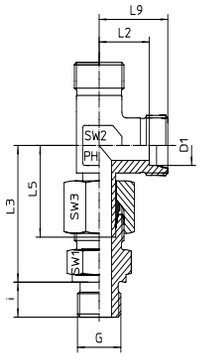
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
630	6	G 1/4"	31,0	16,0	40,0	27,0	12,0	19	12	17	EVL-S-06-G 1/4"-SC
630	8	G 1/4"	32,0	17,0	42,5	27,5	12,0	19	14	19	EVL-S-08-G 1/4"-SC
630	10	G 3/8"	34,0	17,5	45,0	30,0	12,0	22	17	22	EVL-S-10-G 3/8"-SC
630	12	G 3/8"	38,0	21,5	48,0	31,0	12,0	22	17	24	EVL-S-12-G 3/8"-SC
630	14	G 1/2"	40,0	22,0	54,0	35,0	14,0	27	19	27	EVL-S-14-G 1/2"-SC
400	16	G 1/2"	43,0	24,5	55,0	36,5	14,0	27	24	30	EVL-S-16-G 1/2"-SC
400	20	G 3/4"	48,0	26,5	65,0	44,5	16,0	32	27	36	EVL-S-20-G 3/4"-SC
400	25	G 1"	54,0	30,0	73,0	50,0	18,0	41	36	46	EVL-S-25-G 1"-SC
400	30	G 1 1/4"	62,0	35,5	78,5	55,0	20,0	50	41	50	EVL-S-30-G 1 1/4"-SC
250	38	G 1 1/2"	72,0	41,0	89,0	63,0	22,0	55	50	60	EVL-S-38-G 1 1/2"-SC

EVL - EINSTELLBARE - L - VERSCHRAUBUNGEN

EVL - ADJUSTABLE - RUN - TEE

Einstellbare L-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstiegs.

Adjustable Run Tee
Male Stud Type - Pre-Assembled
Thread: BSP - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L2	L3	L5	L9	i	SW1	SW2	SW3	
315	6	G 1/8“	12,0	34,5	26,0	19,0	8,0	14	12	14	EVL-L-06-G 1/8“-OMD
315	8	G 1/4“	14,0	37,5	27,5	21,0	12,0	19	12	17	EVL-L-08-G 1/4“-OMD
315	10	G 1/4“	15,0	40,0	29,0	22,0	12,0	19	14	19	EVL-L-10-G 1/4“-OMD
315	12	G 3/8“	17,0	42,0	29,5	24,0	12,0	22	17	22	EVL-L-12-G 3/8“-OMD
315	15	G 1/2“	21,0	46,5	32,5	28,0	14,0	27	19	27	EVL-L-15-G 1/2“-OMD
315	18	G 1/2“	23,5	50,0	35,5	31,0	14,0	27	24	32	EVL-L-18-G 1/2“-OMD
160	22	G 3/4“	27,5	55,0	38,5	35,0	16,0	32	27	36	EVL-L-22-G 3/4“-OMD
160	28	G 1“	30,5	61,0	43,5	38,0	18,0	41	36	41	EVL-L-28-G 1“-OMD
160	35	G 1 1/4“	34,5	71,5	54,0	45,0	20,0	50	41	50	EVL-L-35-G 1 1/4“-OMD
160	42	G 1 1/2“	40,0	75,0	56,0	51,0	22,0	55	50	60	EVL-L-42-G 1 1/2“-OMD

Reihe / Series S

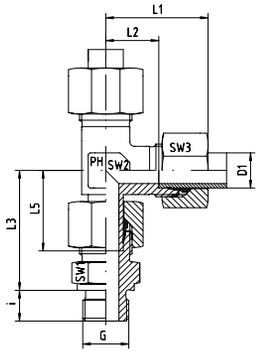
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L2	L3	L5	L9	i	SW1	SW2	SW3	
630	6	G 1/4“	16,0	40,0	27,0	23,0	12,0	19	12	17	EVL-S-06-G 1/4“-OMD
630	8	G 1/4“	17,0	42,5	27,5	24,0	12,0	19	14	19	EVL-S-08-G 1/4“-OMD
630	10	G 3/8“	17,5	45,0	30,0	25,0	12,0	22	17	22	EVL-S-10-G 3/8“-OMD
630	12	G 3/8“	21,5	48,0	31,0	29,0	12,0	22	17	24	EVL-S-12-G 3/8“-OMD
630	14	G 1/2“	22,0	54,0	35,0	30,0	14,0	27	19	27	EVL-S-14-G 1/2“-OMD
400	16	G 1/2“	24,5	55,0	36,5	33,0	14,0	27	24	30	EVL-S-16-G 1/2“-OMD
400	20	G 3/4“	26,5	65,0	44,5	37,0	16,0	32	27	36	EVL-S-20-G 3/4“-OMD
400	25	G 1“	30,0	73,0	50,0	42,0	18,0	41	36	46	EVL-S-25-G 1“-OMD
400	30	G 1 1/4“	35,5	78,5	55,0	49,0	20,0	50	41	50	EVL-S-30-G 1 1/4“-OMD
250	38	G 1 1/2“	41,0	89,0	63,0	57,0	22,0	55	50	60	EVL-S-38-G 1 1/2“-OMD

EVL - EINSTELLBARE - L - VERSCHRAUBUNGEN

EVL - ADJUSTABLE - RUN - TEE

Einstellbare L-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstiegs.

Adjustable Run Tee
Male Stud Type - Pre-Assembled
Thread: Metric - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Fin al assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
315	6	M 10 x 1	27,0	12,0	34,5	26,0	8,0	14	12	14	EVL-L-06-M 10x1
315	8	M 12 x 1,5	29,0	14,0	37,5	27,5	12,0	17	12	17	EVL-L-08-M 12x1,5
315	10	M 14 x 1,5	30,0	15,0	40,0	29,0	12,0	19	14	19	EVL-L-10-M 14x1,5
315	12	M 16 x 1,5	32,0	17,0	42,0	29,5	12,0	22	17	22	EVL-L-12-M 16x1,5
315	15	M 18 x 1,5	36,0	21,0	46,0	32,5	12,0	24	19	27	EVL-L-15-M 18x1,5
315	18	M 22 x 1,5	40,0	23,5	50,0	35,5	14,0	27	24	32	EVL-L-18-M 22x1,5
160	22	M 26 x 1,5	44,0	27,5	55,0	38,5	16,0	32	27	36	EVL-L-22-M 26x1,5
160	28	M 33 x 2	47,0	30,5	61,0	43,5	18,0	41	36	41	EVL-L-28-M 33x2
160	35	M 42 x 2	56,0	34,5	71,5	54,0	20,0	50	41	50	EVL-L-35-M 42x2
160	42	M 48 x 2	63,0	40,0	75,0	56,0	22,0	55	50	60	EVL-L-42-M 48x2

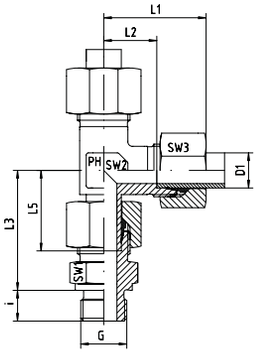
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
630	6	M 12 x 1,5	31,0	16,0	40,0	27,0	12,0	17	12	17	EVL-S-06-M 12x1,5
630	8	M 14 x 1,5	32,0	17,0	42,5	27,5	12,0	19	14	19	EVL-S-08-M 14x1,5
630	10	M 16 x 1,5	34,0	17,5	45,0	30,0	12,0	22	17	22	EVL-S-10-M 16x1,5
630	12	M 18 x 1,5	38,0	21,5	48,0	31,0	12,0	24	17	24	EVL-S-12-M 18x1,5
630	14	M 20 x 1,5	40,0	22,0	54,0	35,0	14,0	27	19	27	EVL-S-14-M 20x1,5
400	16	M 22 x 1,5	43,0	24,5	55,0	36,5	14,0	27	24	30	EVL-S-16-M 22x1,5
400	20	M 27 x 2	48,0	26,5	65,0	44,5	16,0	32	27	36	EVL-S-20-M 27x2
400	25	M 33 x 2	54,0	30,0	73,0	50,0	18,0	41	36	46	EVL-S-25-M 33x2
400	30	M 42 x 2	62,0	35,5	78,5	55,0	20,0	50	41	50	EVL-S-30-M 42x2
250	38	M 48 x 2	72,0	41,0	89,0	63,0	22,0	55	50	60	EVL-S-38-M 48x2

EVL - EINSTELLBARE - L - VERSCHRAUBUNGEN
EVL - ADJUSTABLE - RUN - TEE

Einstellbare L-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstiegs.

Adjustable Run Tee
Male Stud Type - Pre-Assembled
Thread: Metric - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
315	6	M 10 x 1	27,0	12,0	34,5	26,0	8,0	14	12	14	EVL-L-06-M 10x1-SC
315	8	M 12 x 1,5	29,0	14,0	37,5	27,5	12,0	17	12	17	EVL-L-08-M 12x1,5-SC
315	10	M 14 x 1,5	30,0	15,0	40,0	29,0	12,0	19	14	19	EVL-L-10-M 14x1,5-SC
315	12	M 16 x 1,5	32,0	17,0	42,0	29,5	12,0	22	17	22	EVL-L-12-M 16x1,5-SC
315	15	M 18 x 1,5	36,0	21,0	46,0	32,5	12,0	24	19	27	EVL-L-15-M 18x1,5-SC
315	18	M 22 x 1,5	40,0	23,5	50,0	35,5	14,0	27	24	32	EVL-L-18-M 22x1,5-SC
160	22	M 26 x 1,5	44,0	27,5	55,0	38,5	16,0	32	27	36	EVL-L-22-M 26x1,5-SC
160	28	M 33 x 2	47,0	30,5	61,0	43,5	18,0	41	36	41	EVL-L-28-M 33x2-SC
160	35	M 42 x 2	56,0	34,5	71,5	54,0	20,0	50	41	50	EVL-L-35-M 42x2-SC
160	42	M 48 x 2	63,0	40,0	75,0	56,0	22,0	55	50	60	EVL-L-42-M 48x2-SC

Reihe / Series S

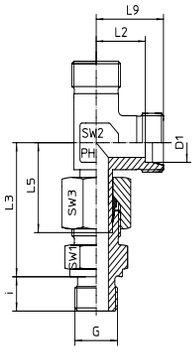
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
630	6	M 12 x 1,5	31,0	16,0	40,0	27,0	12,0	17	12	17	EVL-S-06-M 12x1,5-SC
630	8	M 14 x 1,5	32,0	17,0	42,5	27,5	12,0	19	14	19	EVL-S-08-M 14x1,5-SC
630	10	M 16 x 1,5	34,0	17,5	45,0	30,0	12,0	22	17	22	EVL-S-10-M 16x1,5-SC
630	12	M 18 x 1,5	38,0	21,5	48,0	31,0	12,0	24	17	24	EVL-S-12-M 18x1,5-SC
630	14	M 20 x 1,5	40,0	22,0	54,0	35,0	14,0	27	19	27	EVL-S-14-M 20x1,5-SC
400	16	M 22 x 1,5	43,0	24,5	55,0	36,5	14,0	27	24	30	EVL-S-16-M 22x1,5-SC
400	20	M 27 x 2	48,0	26,5	65,0	44,5	16,0	32	27	36	EVL-S-20-M 27x2-SC
400	25	M 33 x 2	54,0	30,0	73,0	50,0	18,0	41	36	46	EVL-S-25-M 33x2-SC
400	30	M 42 x 2	62,0	35,5	78,5	55,0	20,0	50	41	50	EVL-S-30-M 42x2-SC
250	38	M 48 x 2	72,0	41,0	89,0	63,0	22,0	55	50	60	EVL-S-38-M 48x2-SC

EVL - EINSTELLBARE - L - VERSCHRAUBUNGEN

EVL - ADJUSTABLE - RUN - TEE

Einstellbare L-Verschraubungen
Einsteckausführung - Vormontiert
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
Abdichtung durch Dichtkante Form B
Der Anschluss ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstiegs.

Adjustable Run Tee
Male Stud Type - Pre-Assembled
Thread: Metric - Parallel / Sealing by Sealing Shoulder Form B
The port is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L5**	**L9**	**i**	**SW1**	**SW2**	**SW3**	
315	6	M 10 x 1	12,0	34,5	26,0	19,0	8,0	14	12	14	EVL-L-06-M 10x1-OMD
315	8	M 12 x 1,5	14,0	37,5	27,5	21,0	12,0	17	12	17	EVL-L-08-M 12x1,5-OMD
315	10	M 14 x 1,5	15,0	40,0	29,0	22,0	12,0	19	14	19	EVL-L-10-M 14x1,5-OMD
315	12	M 16 x 1,5	17,0	42,0	29,5	24,0	12,0	22	17	22	EVL-L-12-M 16x1,5-OMD
315	15	M 18 x 1,5	21,0	46,0	32,5	28,0	12,0	24	19	27	EVL-L-15-M 18x1,5-OMD
315	18	M 22 x 1,5	23,5	50,0	35,5	31,0	14,0	27	24	32	EVL-L-18-M 22x1,5-OMD
160	22	M 26 x 1,5	27,5	55,0	38,5	35,0	16,0	32	27	36	EVL-L-22-M 26x1,5-OMD
160	28	M 33 x 2	30,5	61,0	43,5	38,0	18,0	41	36	41	EVL-L-28-M 33x2-OMD
160	35	M 42 x 2	34,5	71,5	54,0	45,0	20,0	50	41	50	EVL-L-35-M 42x2-OMD
160	42	M 48 x 2	40,0	75,0	56,0	51,0	22,0	55	50	60	EVL-L-42-M 48x2-OMD

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L5**	**L9**	**i**	**SW1**	**SW2**	**SW3**	
630	6	M 12 x 1,5	16,0	40,0	27,0	23,0	12,0	17	12	17	EVL-S-06-M 12x1,5-OMD
630	8	M 14 x 1,5	17,0	42,5	27,5	24,0	12,0	19	14	19	EVL-S-08-M 14x1,5-OMD
630	10	M 16 x 1,5	17,5	45,0	30,0	25,0	12,0	22	17	22	EVL-S-10-M 16x1,5-OMD
630	12	M 18 x 1,5	21,5	48,0	31,0	29,0	12,0	24	17	24	EVL-S-12-M 18x1,5-OMD
630	14	M 20 x 1,5	22,0	54,0	35,0	30,0	14,0	27	19	27	EVL-S-14-M 20x1,5-OMD
400	16	M 22 x 1,5	24,5	55,0	36,5	33,0	14,0	27	24	30	EVL-S-16-M 22x1,5-OMD
400	20	M 27 x 2	26,5	65,0	44,5	37,0	16,0	32	27	36	EVL-S-20-M 27x2-OMD
400	25	M 33 x 2	30,0	73,0	50,0	42,0	18,0	41	36	46	EVL-S-25-M 33x2-OMD
400	30	M 42 x 2	35,5	78,5	55,0	49,0	20,0	50	41	50	EVL-S-30-M 42x2-OMD
250	38	M 48 x 2	41,0	89,0	63,0	57,0	22,0	55	50	60	EVL-S-38-M 48x2-OMD

Wichtige Merkmale

Unsere Kegel-Rückschlagventile werden serienmäßig mit einem Öffnungsdruck von 1 bar geliefert.

Abnormale Öffnungsdrücke von 0,2; 0,5; 2 und 3 bar sind auf Wunsch lieferbar, und werden dann dem Bestellzeichen nachgestellt. (z.B. RD-L-12-0,5 bar)

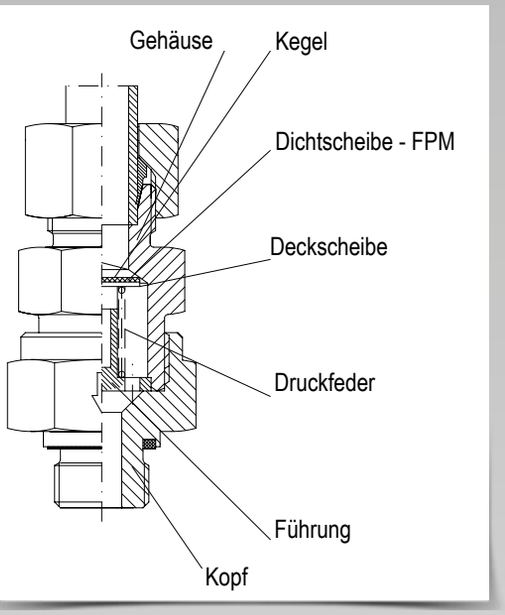
Der Hub ist begrenzt. Der Durchflussquerschnitt wird nicht eingeengt. Durchflussgeschwindigkeit max. 4-5 m/s. Die Ventile sind mit Strömungsrichtung und Öffnungsdruck gekennzeichnet.

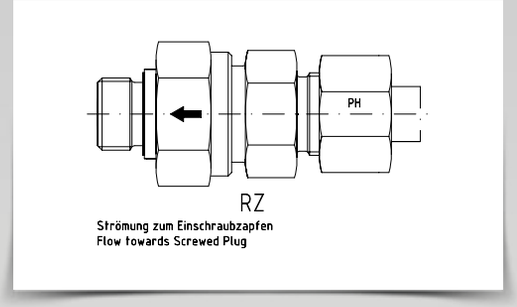
Werkstoff: 1.4571
Andere Werkstoffe auf Anfrage!
Dichtungen aus FPM (-20°C bis +200°C)
Toleranz des Öffnungsdruckes = ± 20 %

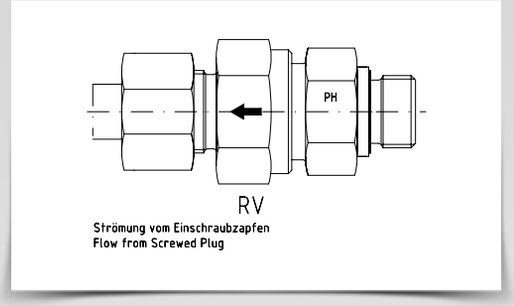
Verwendung für Hydraulikflüssigkeiten

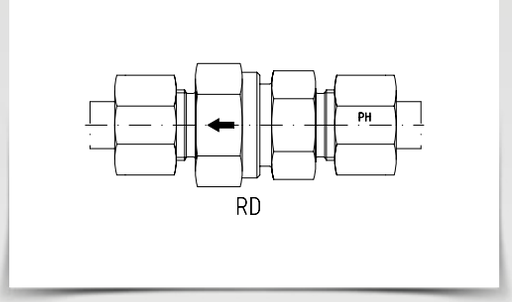
Um die Eignung der Ventile bei anderen Bedingungen zu gewährleisten, bitten wir um Angabe des Mediums, eventuell auch Konzentration, max. Betriebsdruck inkl. Druckspitzen, Temperatur und Häufigkeit der Ventilbetätigung.

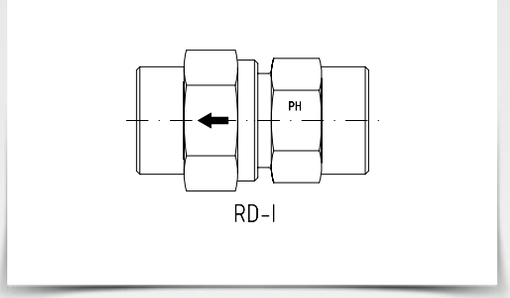
Unsere Ventile sind für schmierende, hydraulische Medien ausgelegt und nicht für gasförmige Medien geeignet.











Important Data

Our non-return valves are supplied with standard valve lift pressure 1 bar.

Valve lift alternative pressures are 0,2; 0,5; 2 and 3 bar, supplied on request. (e.g. RD-L-12-0,5 bar)

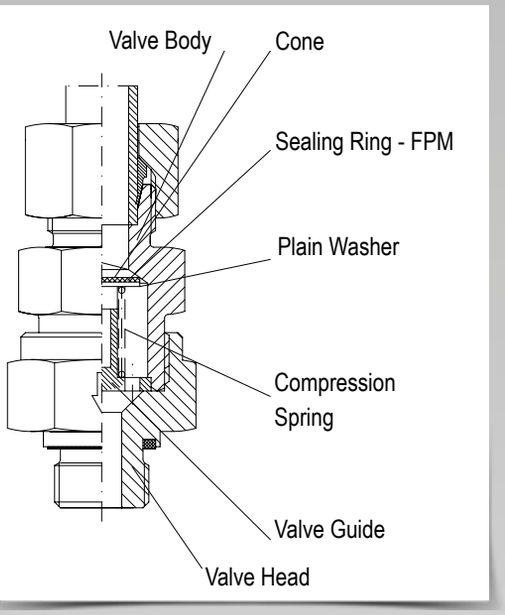
The valve stroke is limited. The flow is 4-5 m/s. All valves are identified with flow direction and valve lift pressure.

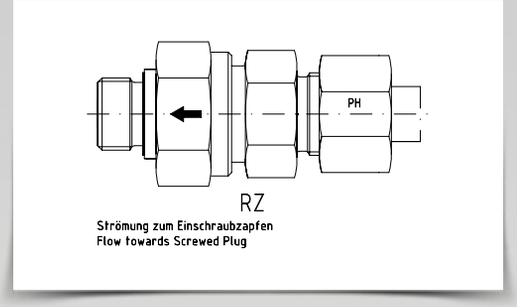
Material: 1.4571
Other materials on request!
FPM Seals Temperature Range (-20°C to +200°C)
Opening pressure tolerance = ± 20 %

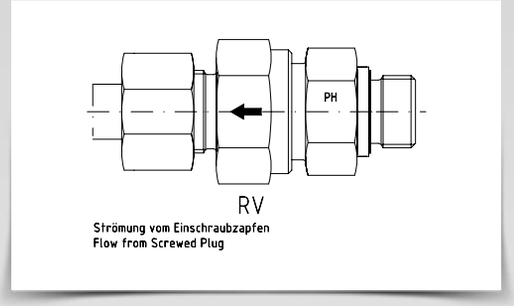
Application for Hydraulic Fluids

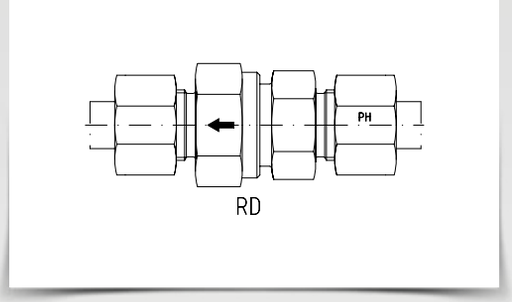
In order to guarantee the suitability of the valves for other applications, we request the description of the medium, possibly also the concentration, max. working pressure including peak pressure, temperature and frequency of the valve operation.

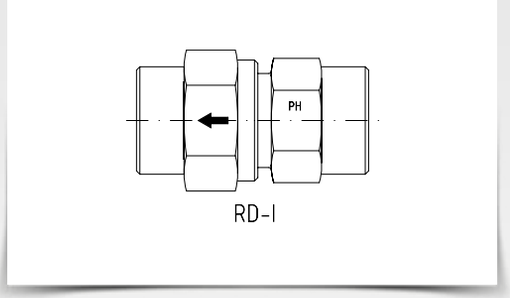
Our valves are designed for hydraulic lubricating fluids and not for gases.









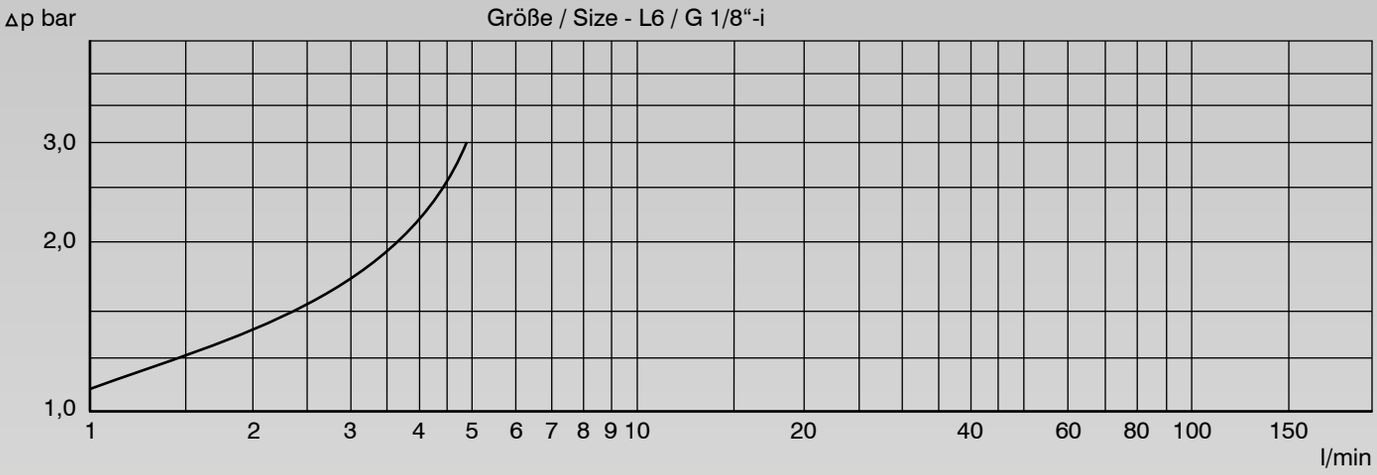


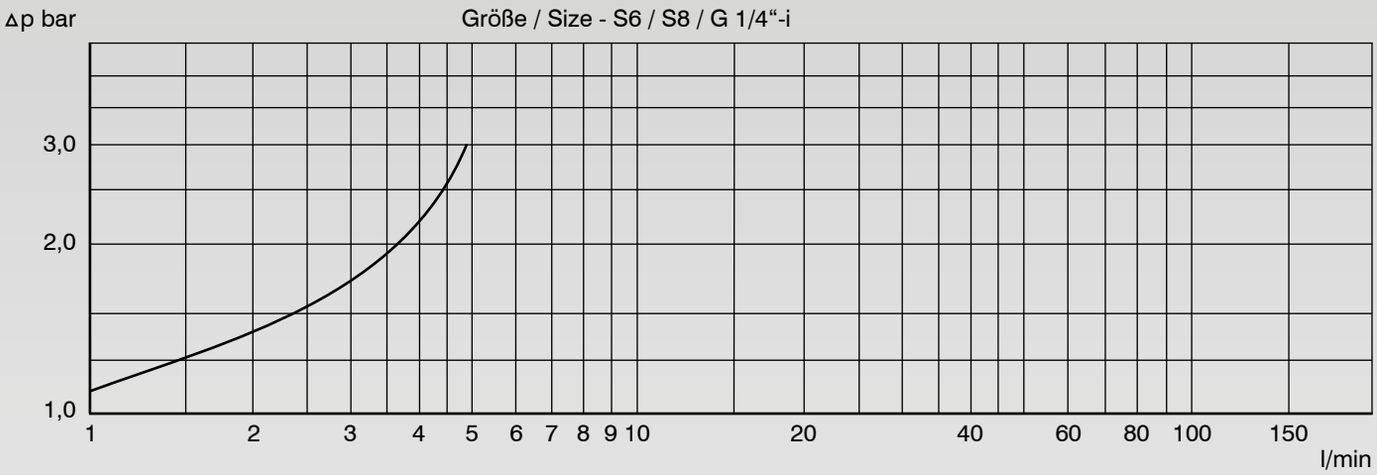
TECHNISCHE DATEN / DURCHFLUSSWIDERSTÄNDE - RÜCKSCHLAGVENTILE

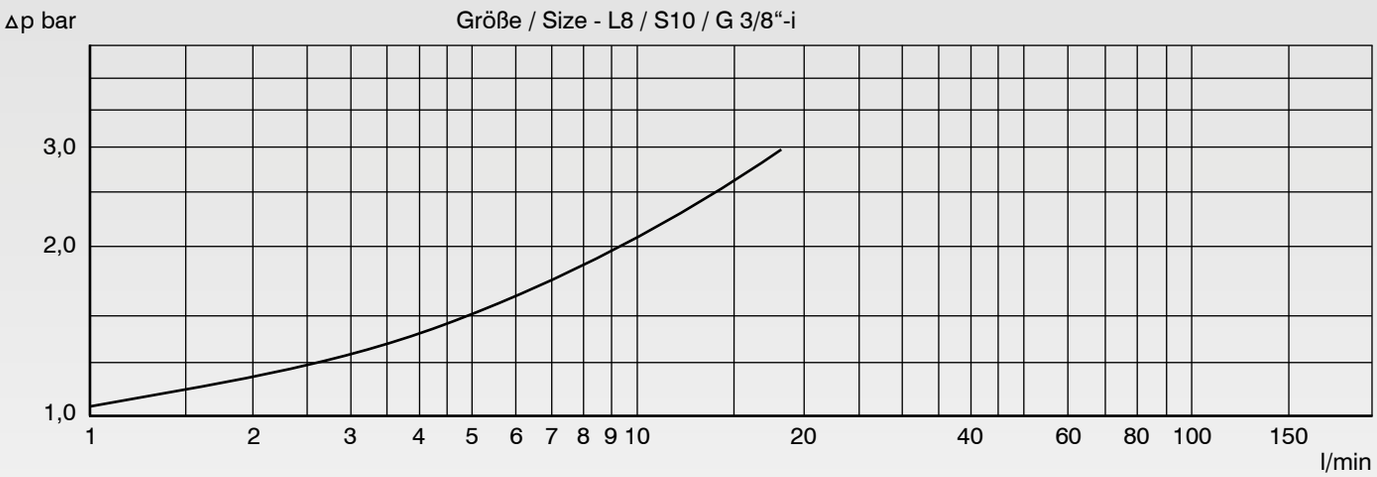
TECHNICAL DATA / PRESSURE DROP - NON-RETURN-VALVES

Gemessen mit Hydrauliköl
1 cm² / s = 100 cSt
1 bar Öffnungsdruck

Tested with hydraulic oil
1 cm² / s = 100 cSt
1 bar opening pressure





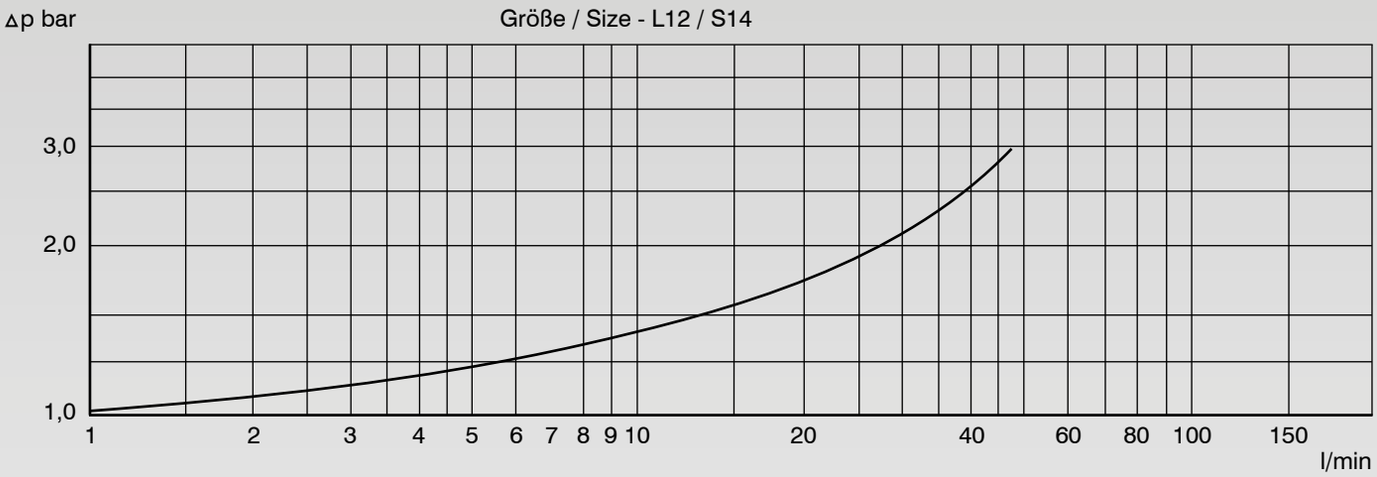


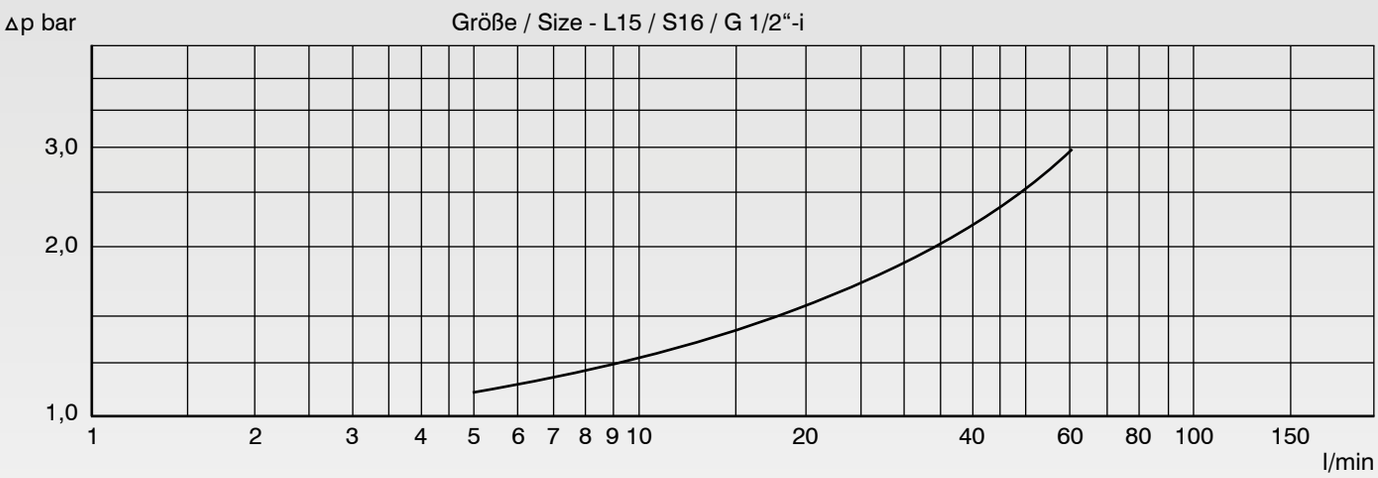
TECHNISCHE DATEN / DURCHFLUSSWIDERSTÄNDE - RÜCKSCHLAGVENTILE

TECHNICAL DATA / PRESSURE DROP - NON-RETURN-VALVES

Gemessen mit Hydrauliköl
1 cm² / s = 100 cSt
1 bar Öffnungsdruck

Tested with hydraulic oil
1 cm² / s = 100 cSt
1 bar opening pressure



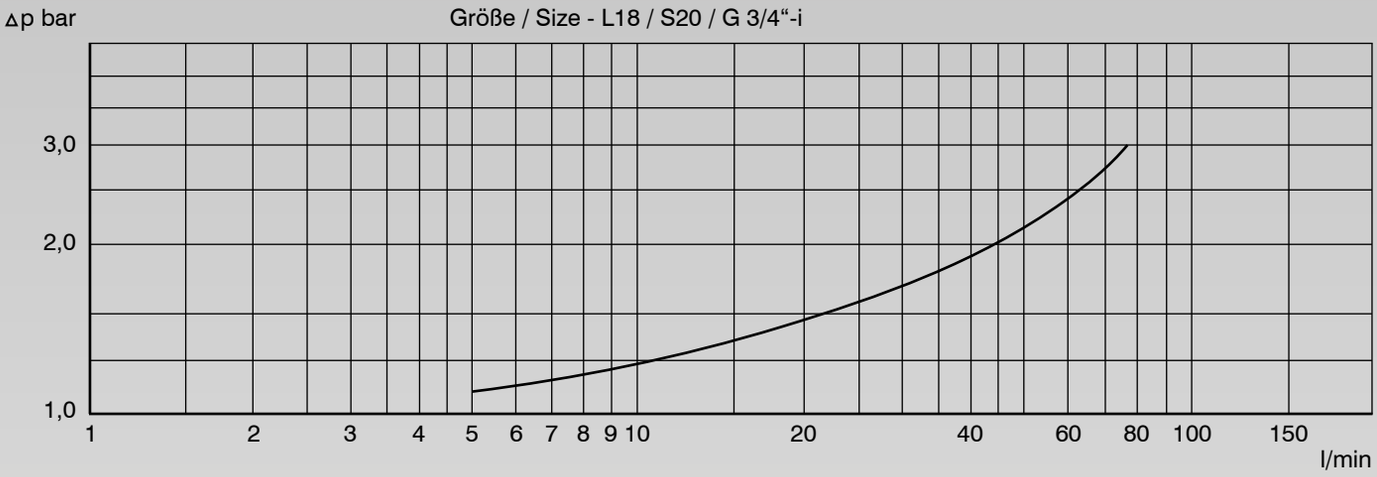


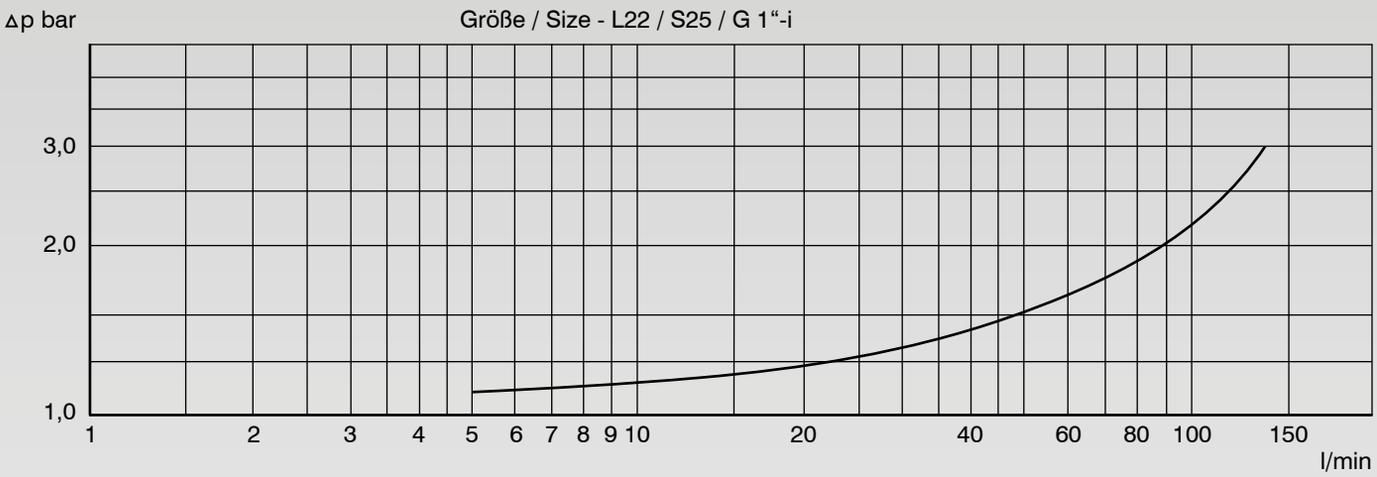
TECHNISCHE DATEN / DURCHFLUSSWIDERSTÄNDE - RÜCKSCHLAGVENTILE

TECHNICAL DATA / PRESSURE DROP - NON-RETURN-VALVES

Gemessen mit Hydrauliköl
1 cm² / s = 100 cSt
1 bar Öffnungsdruck

Tested with hydraulic oil
1 cm² / s = 100 cSt
1 bar opening pressure





TECHNISCHE DATEN / DURCHFLUSSWIDERSTÄNDE - RÜCKSCHLAGVENTILE

TECHNICAL DATA / PRESSURE DROP - NON-RETURN-VALVES

Gemessen mit Hydrauliköl
1 cm² / s = 100 cSt
1 bar Öffnungsdruck

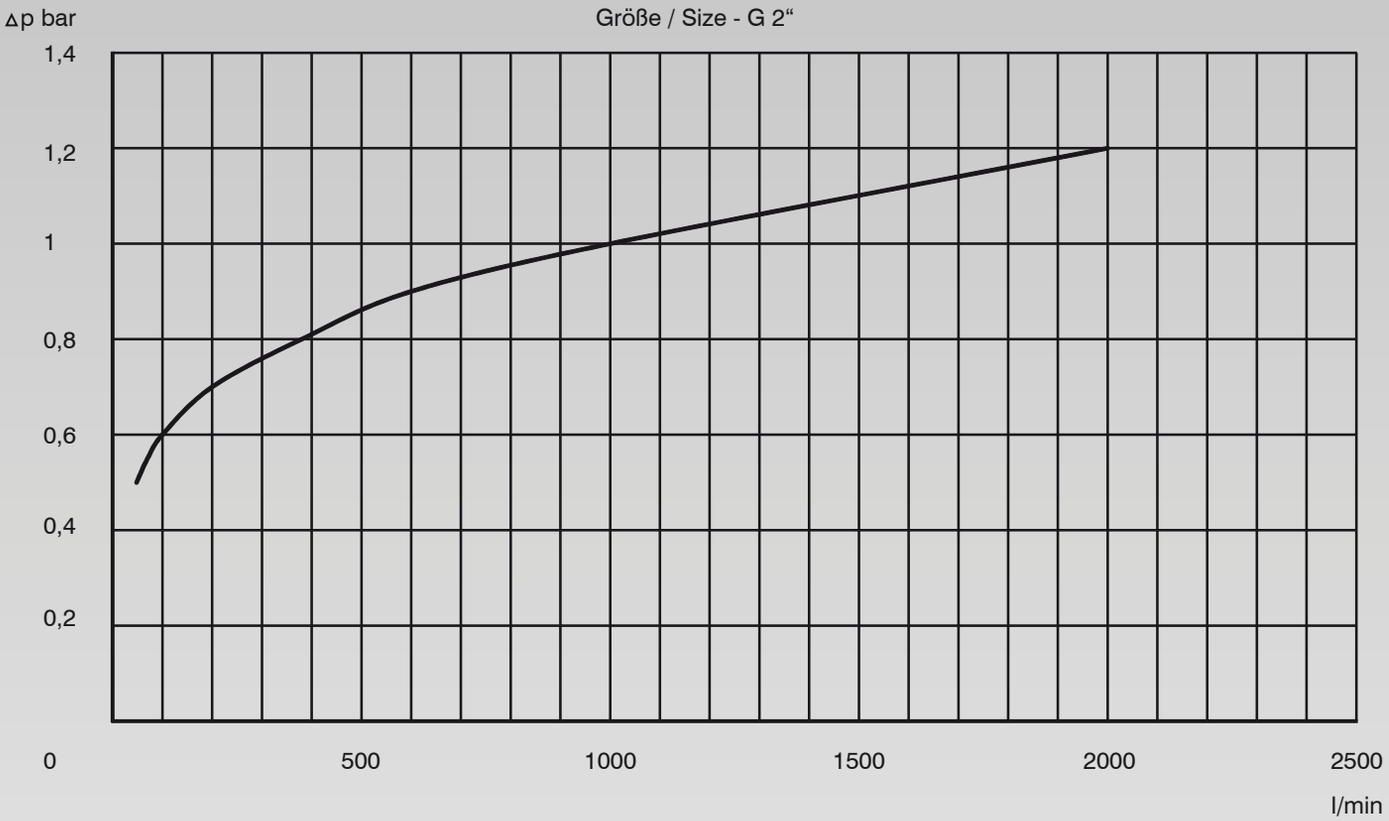
Tested with hydraulic oil
1 cm² / s = 100 cSt
1 bar opening pressure

TECHNISCHE DATEN / DURCHFLUSSWIDERSTÄNDE - RÜCKSCHLAGVENTILE

TECHNICAL DATA / PRESSURE DROP - NON-RETURN-VALVES

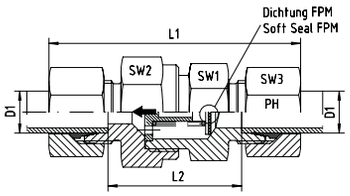
Gemessen mit Hydrauliköl
1 cm² / s = 100 cSt
1 bar Öffnungsdruck

Tested with hydraulic oil
1 cm² / s = 100 cSt
1 bar opening pressure



Beiderseits Schneidringanschluss

Tube Cutting Ring Connection at both Ends



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	**D1**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
250	6	58,0	29,0	17	17	14		RD-L-06
250	8	59,0	30,0	17	19	17		RD-L-08
250	10	70,0	40,5	22	24	19		RD-L-10
250	12	73,0	43,5	27	30	22		RD-L-12
250	15	78,0	47,5	27	30	27		RD-L-15
160	18	84,0	51,5	36	36	32		RD-L-18
160	22	94,0	61,5	41	46	36		RD-L-22
100	28	103,0	69,5	50	55	41		RD-L-28
100	35	118,0	74,5	60	60	50		RD-L-35
100	42	122,0	74,0	65	70	60		RD-L-42

Reihe / Series S

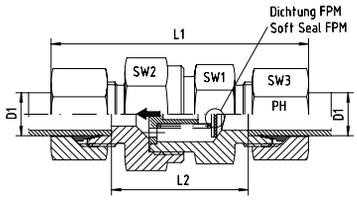
Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	**D1**	**L1**	**L2**	**SW1**	**SW2**	**SW3**		
630	6	64,0	34,5	19	19	17		RD-S-06
630	8	64,0	34,5	19	22	19		RD-S-08
630	10	73,0	40,5	24	27	22		RD-S-10
630	12	75,0	42,5	27	30	24		RD-S-12
630	14	83,0	47,5	27	32	27		RD-S-14
400	16	87,0	50,5	32	36	30		RD-S-16
400	20	98,0	54,5	41	46	36		RD-S-20
400	25	107,0	58,5	46	50	46		RD-S-25
250	30	123,0	69,5	55	60	50		RD-S-30
250	38	140,0	75,5	65	70	60		RD-S-38

RD - RÜCKSCHLAG - DURCHGANGSVENTILE

RD - NON - RETURN - VALVES

Beiderseits Schneidringanschluss

Tube Cutting Ring Connection at both Ends



Reihe / Series L

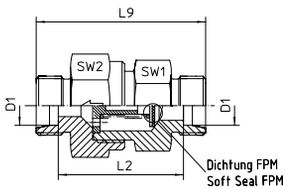
Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	D1	L1	L2	SW1	SW2	SW3		
250	6	58,0	29,0	17	17	14		RD-L-06-SC
250	8	59,0	30,0	17	19	17		RD-L-08-SC
250	10	70,0	40,5	22	24	19		RD-L-10-SC
250	12	73,0	43,5	27	30	22		RD-L-12-SC
250	15	78,0	47,5	27	30	27		RD-L-15-SC
160	18	84,0	51,5	36	36	32		RD-L-18-SC
160	22	94,0	61,5	41	46	36		RD-L-22-SC
100	28	103,0	69,5	50	55	41		RD-L-28-SC
100	35	118,0	74,5	60	60	50		RD-L-35-SC
100	42	122,0	74,0	65	70	60		RD-L-42-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	D1	L1	L2	SW1	SW2	SW3		
630	6	64,0	34,5	19	19	17		RD-S-06-SC
630	8	64,0	34,5	19	22	19		RD-S-08-SC
630	10	73,0	40,5	24	27	22		RD-S-10-SC
630	12	75,0	42,5	27	30	24		RD-S-12-SC
630	14	83,0	47,5	27	32	27		RD-S-14-SC
400	16	87,0	50,5	32	36	30		RD-S-16-SC
400	20	98,0	54,5	41	46	36		RD-S-20-SC
400	25	107,0	58,5	46	50	46		RD-S-25-SC
250	30	123,0	69,5	55	60	50		RD-S-30-SC
250	38	140,0	75,5	65	70	60		RD-S-38-SC

Beiderseits für DIN EN ISO 8434-1
Schneidringanschluss

Tube Cutting Ring Connection at both Ends
for DIN EN 8434-1



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PB	**D1**	**L2**	**L9**	**SW1**	**SW2**		
250	6	29,0	43,0	17	17		RD-L-06-OMD
250	8	30,0	44,0	17	19		RD-L-08-OMD
250	10	40,5	54,5	22	24		RD-L-10-OMD
250	12	43,5	57,5	27	30		RD-L-12-OMD
250	15	47,5	61,5	27	30		RD-L-15-OMD
160	18	51,5	65,5	36	36		RD-L-18-OMD
160	22	61,5	76,5	41	46		RD-L-22-OMD
100	28	69,5	84,5	50	55		RD-L-28-OMD
100	35	74,5	95,5	60	60		RD-L-35-OMD
100	42	74,0	96,0	65	70		RD-L-42-OMD

Reihe / Series S

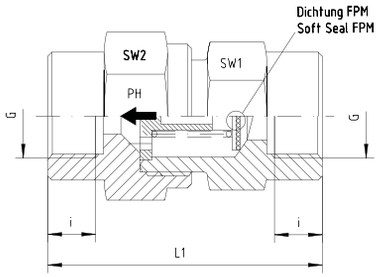
Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PB	**D1**	**L2**	**L9**	**SW1**	**SW2**		
630	6	34,5	48,5	19	19		RD-S-06-OMD
630	8	34,5	48,5	19	22		RD-S-08-OMD
630	10	40,5	55,6	24	27		RD-S-10-OMD
630	12	42,5	57,5	27	30		RD-S-12-OMD
630	14	47,5	63,5	27	32		RD-S-14-OMD
400	16	50,5	67,5	32	36		RD-S-16-OMD
400	20	54,5	75,5	41	46		RD-S-20-OMD
400	25	58,5	84,5	46	50		RD-S-25-OMD
250	30	69,5	96,5	55	60		RD-S-30-OMD
250	38	75,5	107,5	65	70		RD-S-38-OMD

RD - I - RÜCKSCHLAG - DURCHGANGSVENTILE

RD - I - NON - RETURN - VALVES

Beidseitiges Innengewinde
Whitworth-Rohrgewinde - Zylindrisch
NPT-Gewinde

Both Sides Inside Thread
BSP - Parallel
NPT-Thread



Reihe / Series BSP

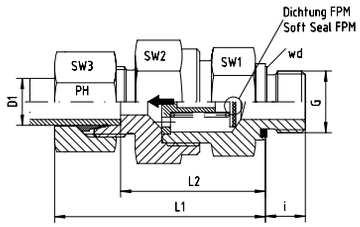
Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PB	**G**	**L1**	**i**	**SW1**	**SW2**		
400	G 1/8“ BSP	42,5	8,0	17	17		RD-I-G 1/8“
400	G 1/4“ BSP	54,0	12,0	19	19		RD-I-G 1/4“
400	G 3/8“ BSP	60,0	12,0	24	27		RD-I-G 3/8“
400	G 1/2“ BSP	71,0	15,0	32	36		RD-I-G 1/2“
400	G 3/4“ BSP	84,0	16,5	41	46		RD-I-G 3/4“
400	G 1“ BSP	94,5	19,0	46	50		RD-I-G 1“
250	G 1 1/4“ BSP	110,0	21,5	55	60		RD-I-G 1 1/4“
250	G 1 1/2“ BSP	114,5	22,0	65	70		RD-I-G 1 1/2“
250	G 2“ BSP	120,0	26,0	75	75	nur 0,5 bar Öffnungsdruck / only 0,5 bar valve lift pressure	RD-I-G 2“

Reihe / Series NPT

Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PB	**G**	**L1**	**i**	**SW1**	**SW2**		
400	1/8“ NPT	42,5	11,6	17	17		RD-I-NPT-1/8“
400	1/4“ NPT	57,5	16,4	19	19		RD-I-NPT-1/4“
400	3/8“ NPT	63,5	17,4	24	27		RD-I-NPT-3/8“
400	1/2“ NPT	78,0	22,6	32	36		RD-I-NPT-1/2“
400	3/4“ NPT	84,5	23,1	41	46		RD-I-NPT-3/4“
400	1“ NPT	101,0	27,8	46	50		RD-I-NPT-1“
250	1 1/4“ NPT	110,0	28,3	55	60		RD-I-NPT-1 1/4“
250	1 1/2“ NPT	117,5	28,3	65	70		RD-I-NPT-1 1/2“
250	2“ NPT	120,0		75	75	nur 0,5 bar Öffnungsdruck / only 0,5 bar valve lift pressure	RD-I-NPT-2“

Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
Einschraubzapfen mit Weichdichtung - FPM
Strömung vom Einschraubzapfen

Thread G: BSP - Parallel
Screwed Plug with Captive Seal - FPM
Flow from Screwed Plug



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PB	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW2**	**SW3**	
250	6	G 1/8“	43,0	28,0	8,0	17	17	14	RV-L-06-G 1/8“-wd
250	8	G 1/4“	45,0	30,0	12,0	19	19	17	RV-L-08-G 1/4“-wd
250	10	G 1/4“	53,0	38,5	12,0	22	24	19	RV-L-10-G 1/4“-wd
250	12	G 3/8“	57,0	42,5	12,0	27	30	22	RV-L-12-G 3/8“-wd
250	15	G 1/2“	61,0	45,5	14,0	27	30	27	RV-L-15-G 1/2“-wd
160	18	G 1/2“	66,0	50,0	14,0	36	36	32	RV-L-18-G 1/2“-wd
160	22	G 3/4“	71,0	55,0	16,0	41	46	36	RV-L-22-G 3/4“-wd
100	28	G 1“	80,0	63,0	18,0	50	55	41	RV-L-28-G 1“-wd
100	35	G 1 1/4“	91,0	69,0	20,0	60	60	50	RV-L-35-G 1 1/4“-wd
100	42	G 1 1/2“	104,0	71,5	22,0	65	70	60	RV-L-42-G 1 1/2“-wd

Reihe / Series S

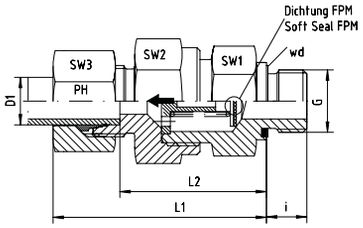
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PB	**D1**	**G**	**L1**	**L2**	**i**	**SW1**	**SW2**	**SW3**	
630	6	G 1/4“	46,0	31,5	12,0	19	19	17	RV-S-06-G 1/4“-wd
630	8	G 1/4“	46,0	31,5	12,0	19	22	19	RV-S-08-G 1/4“-wd
630	10	G 3/8“	54,0	38,0	12,0	24	27	22	RV-S-10-G 3/8“-wd
630	12	G 3/8“	57,0	41,0	12,0	27	30	24	RV-S-12-G 3/8“-wd
630	14	G 1/2“	62,0	44,5	14,0	27	32	27	RV-S-14-G 1/2“-wd
400	16	G 1/2“	66,0	48,0	14,0	32	36	30	RV-S-16-G 1/2“-wd
400	20	G 3/4“	74,0	52,0	16,0	41	46	36	RV-S-20-G 3/4“-wd
400	25	G 1“	79,0	54,5	18,0	46	50	46	RV-S-25-G 1“-wd
250	30	G 1 1/4“	91,0	64,0	20,0	55	60	50	RV-S-30-G 1 1/4“-wd
250	38	G 1 1/2“	100,0	69,5	22,0	65	70	60	RV-S-38-G 1 1/2“-wd

RV - EINSCHRAUB - RÜCKSCHLAGVENTILE

RV - MALE - NON - RETURN - VALVES

Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
Einschraubzapfen mit Weichdichtung - FPM
Strömung vom Einschraubzapfen

Thread G: BSP - Parallel
Screwed Plug with Captive Seal - FPM
Flow from Screwed Plug



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PB	D1	G	L1	L2	i	SW1	SW2	SW3	
250	6	G 1/8“	43,0	28,0	8,0	17	17	14	RV-L-06-G 1/8“-wd-SC
250	8	G 1/4“	45,0	30,0	12,0	19	19	17	RV-L-08-G 1/4“-wd-SC
250	10	G 1/4“	53,0	38,5	12,0	22	24	19	RV-L-10-G 1/4“-wd-SC
250	12	G 3/8“	57,0	42,5	12,0	27	30	22	RV-L-12-G 3/8“-wd-SC
250	15	G 1/2“	61,0	45,5	14,0	27	30	27	RV-L-15-G 1/2“-wd-SC
160	18	G 1/2“	66,0	50,0	14,0	36	36	32	RV-L-18-G 1/2“-wd-SC
160	22	G 3/4“	71,0	55,0	16,0	41	46	36	RV-L-22-G 3/4“-wd-SC
100	28	G 1“	80,0	63,0	18,0	50	55	41	RV-L-28-G 1“-wd-SC
100	35	G 1 1/4“	91,0	69,0	20,0	60	60	50	RV-L-35-G 1 1/4“-wd-SC
100	42	G 1 1/2“	104,0	71,5	22,0	65	70	60	RV-L-42-G 1 1/2“-wd-SC

Reihe / Series S

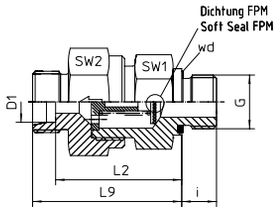
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PB	D1	G	L1	L2	i	SW1	SW2	SW3	
630	6	G 1/4“	46,0	31,5	12,0	19	19	17	RV-S-06-G 1/4“-wd-SC
630	8	G 1/4“	46,0	31,5	12,0	19	22	19	RV-S-08-G 1/4“-wd-SC
630	10	G 3/8“	54,0	38,0	12,0	24	27	22	RV-S-10-G 3/8“-wd-SC
630	12	G 3/8“	57,0	41,0	12,0	27	30	24	RV-S-12-G 3/8“-wd-SC
630	14	G 1/2“	62,0	44,5	14,0	27	32	27	RV-S-14-G 1/2“-wd-SC
400	16	G 1/2“	66,0	48,0	14,0	32	36	30	RV-S-16-G 1/2“-wd-SC
400	20	G 3/4“	74,0	52,0	16,0	41	46	36	RV-S-20-G 3/4“-wd-SC
400	25	G 1“	79,0	54,5	18,0	46	50	46	RV-S-25-G 1“-wd-SC
250	30	G 1 1/4“	91,0	64,0	20,0	55	60	50	RV-S-30-G 1 1/4“-wd-SC
250	38	G 1 1/2“	100,0	69,5	22,0	65	70	60	RV-S-38-G 1 1/2“-wd-SC

RV - EINSCHRAUB - RÜCKSCHLAGVENTILE

MALE - NON - RETURN - VALVES

Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
Einerseits für DIN EN ISO 8434-1 Schneidring
Einschraubzapfen mit Weichdichtung - FPM
Strömung vom Einschraubzapfen

Thread G: BSP - Parallel
On the one hand for DIN EN ISO 8434-1 Cutting Ring
Screwed Plug with Captive Seal - FPM
Flow from Screwed Plug



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	**D1**	**G**	**L2**	**L9**	**i**	**SW1**	**SW2**		
250	6	G 1/8“	28,0	35,0	8,0	17	17		RV-L-06-G 1/8“-wd-OMD
250	8	G 1/4“	30,0	37,0	12,0	19	19		RV-L-08-G 1/4“-wd-OMD
250	10	G 1/4“	38,5	45,5	12,0	22	24		RV-L-10-G 1/4“-wd-OMD
250	12	G 3/8“	42,5	49,5	12,0	27	30		RV-L-12-G 3/8“-wd-OMD
250	15	G 1/2“	45,5	52,5	14,0	27	30		RV-L-15-G 1/2“-wd-OMD
160	18	G 1/2“	50,0	57,5	14,0	36	36		RV-L-18-G 1/2“-wd-OMD
160	22	G 3/4“	55,0	62,5	16,0	41	46		RV-L-22-G 3/4“-wd-OMD
100	28	G 1“	63,0	70,5	18,0	50	55		RV-L-28-G 1“-wd-OMD
100	35	G 1 1/4“	69,0	79,5	20,0	60	60		RV-L-35-G 1 1/4“-wd-OMD
100	42	G 1 1/2“	71,5	82,5	22,0	65	70		RV-L-42-G 1 1/2“-wd-OMD

Reihe / Series S

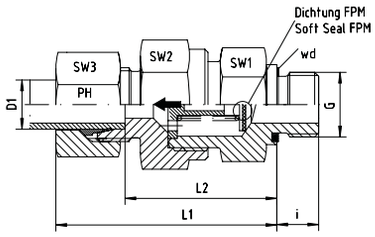
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	**D1**	**G**	**L2**	**L9**	**i**	**SW1**	**SW2**		
630	6	G 1/4“	31,5	38,5	12,0	19	19		RV-S-06-G 1/4“-wd-OMD
630	8	G 1/4“	31,5	38,5	12,0	19	22		RV-S-08-G 1/4“-wd-OMD
630	10	G 3/8“	38,0	45,5	12,0	24	27		RV-S-10-G 3/8“-wd-OMD
630	12	G 3/8“	41,0	48,5	12,0	27	30		RV-S-12-G 3/8“-wd-OMD
630	14	G 1/2“	44,5	52,5	14,0	27	32		RV-S-14-G 1/2“-wd-OMD
400	16	G 1/2“	48,0	56,5	14,0	32	36		RV-S-16-G 1/2“-wd-OMD
400	20	G 3/4“	52,0	62,5	16,0	41	46		RV-S-20-G 3/4“-wd-OMD
400	25	G 1“	54,5	66,5	18,0	46	50		RV-S-25-G 1“-wd-OMD
250	30	G 1 1/4“	64,0	77,5	20,0	55	60		RV-S-30-G 1 1/4“-wd-OMD
250	38	G 1 1/2“	69,5	85,5	22,0	65	70		RV-S-38-G 1 1/2“-wd-OMD

RV - EINSCHRAUB - RÜCKSCHLAGVENTILE

RV - MALE - NON - RETURN - VALVES

Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
Einschraubzapfen mit Weichdichtung - FPM
Strömung vom Einschraubzapfen

Thread G: Metric - Parallel
Screwed Plug with Captive Seal - FPM
Flow from Screwed Plug



Reihe / Series L

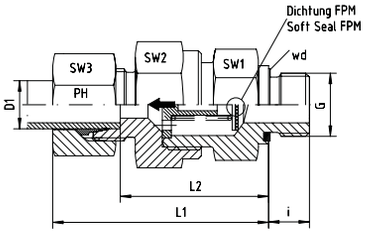
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PB	D1	G	L1	L2	i	SW1	SW2	SW3	
250	6	M 10 x 1	43	28,0	8,0	17	17	14	RV-L-06-M 10x1-wd
250	8	M 12 x 1,5	44	29,0	12,0	17	19	17	RV-L-08-M 12x1,5-wd
250	10	M 14 x 1,5	53	38,5	12,0	22	24	19	RV-L-10-M 14x1,5-wd
250	12	M 16 x 1,5	57	42,5	12,0	27	30	22	RV-L-12-M 16x1,5-wd
250	15	M 18 x 1,5	61	45,5	12,0	27	30	27	RV-L-15-M 18x1,5-wd
160	18	M 22 x 1,5	66	50,0	14,0	36	36	32	RV-L-18-M 22x1,5-wd
160	22	M 26 x 1,5	71	55,0	16,0	41	46	36	RV-L-22-M 26x1,5-wd
100	28	M 33 x 2	80	63,0	18,0	50	55	41	RV-L-28-M 33x2-wd
100	35	M 42 x 2	91	69,0	20,0	60	60	50	RV-L-35-M 42x2-wd
100	42	M 48 x 2	104	71,5	22,0	65	70	60	RV-L-42-M 48x2-wd

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PB	D1	G	L1	L2	i	SW1	SW2	SW3	
630	6	M 12 x 1,5	46	31,5	12,0	19	19	17	RV-S-06-M 12x1,5-wd
630	8	M 14 x 1,5	46	31,5	12,0	19	22	19	RV-S-08-M 14x1,5-wd
630	10	M 16 x 1,5	54	38,0	12,0	24	27	22	RV-S-10-M 16x1,5-wd
630	12	M 18 x 1,5	57	41,0	12,0	27	30	24	RV-S-12-M 18x1,5-wd
630	14	M 20 x 1,5	62	44,5	14,0	27	32	27	RV-S-14-M 20x1,5-wd
400	16	M 22 x 1,5	66	48,0	14,0	32	36	30	RV-S-16-M 22x1,5-wd
400	20	M 27 x 2	74	52,0	16,0	41	46	36	RV-S-20-M 27x2-wd
400	25	M 33 x 2	79	54,5	18,0	46	50	46	RV-S-25-M 33x2-wd
250	30	M 42 x 2	91	64,0	20,0	55	60	50	RV-S-30-M 42x2-wd
250	38	M 48 x 2	100	69,5	22,0	65	70	60	RV-S-38-M 48x2-wd

Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
Einschraubzapfen mit Weichdichtung - FPM
Strömung vom Einschraubzapfen

Thread G: Metric - Parallel
Screwed Plug with Captive Seal - FPM
Flow from Screwed Plug



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PB	D1	G	L1	L2	i	SW1	SW2	SW3	
250	6	M 10 x 1	43,0	28,0	8,0	17	17	14	RV-L-06-M 10x1-wd-SC
250	8	M 12 x 1,5	44,0	29,0	12,0	17	19	17	RV-L-08-M 12x1,5-wd-SC
250	10	M 14 x 1,5	53,0	38,5	12,0	22	24	19	RV-L-10-M 14x1,5-wd-SC
250	12	M 16 x 1,5	57,0	42,5	12,0	27	30	22	RV-L-12-M 16x1,5-wd-SC
250	15	M 18 x 1,5	61,0	45,5	12,0	27	30	27	RV-L-15-M 18x1,5-wd-SC
160	18	M 22 x 1,5	66,0	50,0	14,0	36	36	32	RV-L-18-M 22x1,5-wd-SC
160	22	M 26 x 1,5	71,0	55,0	16,0	41	46	36	RV-L-22-M 26x1,5-wd-SC
100	28	M 33 x 2	80,0	63,0	18,0	50	55	41	RV-L-28-M 33x2-wd-SC
100	35	M 42 x 2	91,0	69,0	20,0	60	60	50	RV-L-35-M 42x2-wd-SC
100	42	M 48 x 2	104,0	71,5	22,0	65	70	60	RV-L-42-M 48x2-wd-SC

Reihe / Series S

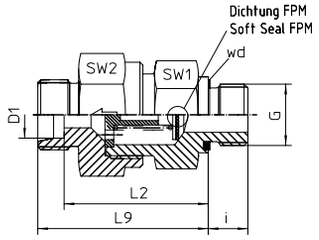
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PB	D1	G	L1	L2	i	SW1	SW2	SW3	
630	6	M 12 x 1,5	46,0	31,5	12,0	19	19	17	RV-S-06-M 12x1,5-wd-SC
630	8	M 14 x 1,5	46,0	31,5	12,0	19	22	19	RV-S-08-M 14x1,5-wd-SC
630	10	M 16 x 1,5	54,0	38,0	12,0	24	27	22	RV-S-10-M 16x1,5-wd-SC
630	12	M 18 x 1,5	57,0	41,0	12,0	27	30	24	RV-S-12-M 18x1,5-wd-SC
630	14	M 20 x 1,5	62,0	44,5	14,0	27	32	27	RV-S-14-M 20x1,5-wd-SC
400	16	M 22 x 1,5	66,0	48,0	14,0	32	36	30	RV-S-16-M 22x1,5-wd-SC
400	20	M 27 x 2	74,0	52,0	16,0	41	46	36	RV-S-20-M 27x2-wd-SC
400	25	M 33 x 2	79,0	54,5	18,0	46	50	46	RV-S-25-M 33x2-wd-SC
250	30	M 42 x 2	91,0	64,0	20,0	55	60	50	RV-S-30-M 42x2-wd-SC
250	38	M 48 x 2	100,0	69,5	22,0	65	70	60	RV-S-38-M 48x2-wd-SC

RV - EINSCHRAUB - RÜCKSCHLAGVENTILE

RV - MALE - NON - RETURN - VALVES

Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
Einerseits für DIN EN ISO 8434-1 Schneidring
Einschraubzapfen mit Weichdichtung - FPM
Strömung vom Einschraubzapfen

Thread G: Metric - Parallel
On the one hand for DIN EN ISO 8434-1 Cutting Ring
Screwed Plug with Captive Seal - FPM
Flow from Screwed Plug



Reihe / Series L

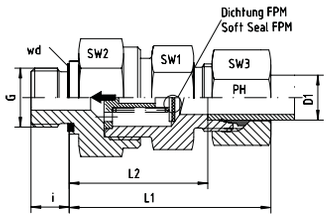
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	**D1**	**G**	**L2**	**L9**	**i**	**SW1**	**SW2**		
250	6	M 10 x 1	28,0	35,0	8,0	17	17		RV-L-06-M 10x1-wd-OMD
250	8	M 12 x 1,5	29,0	36,0	12,0	17	19		RV-L-08-M 12x1,5-wd-OMD
250	10	M 14 x 1,5	38,5	45,5	12,0	22	24		RV-L-10-M 14x1,5-wd-OMD
250	12	M 16 x 1,5	42,5	49,5	12,0	27	30		RV-L-12-M 16x1,5-wd-OMD
250	15	M 18 x 1,5	45,5	52,5	12,0	27	30		RV-L-15-M 18x1,5-wd-OMD
160	18	M 22 x 1,5	50,0	57,5	14,0	36	36		RV-L-18-M 22x1,5-wd-OMD
160	22	M 26 x 1,5	55,0	62,5	16,0	41	46		RV-L-22-M 26x1,5-wd-OMD
100	28	M 33 x 2	63,0	70,5	18,0	50	55		RV-L-28-M 33x2-wd-OMD
100	35	M 42 x 2	69,0	79,5	20,0	60	60		RV-L-35-M 42x2-wd-OMD
100	42	M 48 x 2	71,5	82,5	22,0	65	70		RV-L-42-M 48x2-wd-OMD

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	**D1**	**G**	**L2**	**L9**	**i**	**SW1**	**SW2**		
630	6	M 12 x 1,5	31,5	38,5	12,0	19	19		RV-S-06-M 12x1,5-wd-OMD
630	8	M 14 x 1,5	31,5	38,5	12,0	19	22		RV-S-08-M 14x1,5-wd-OMD
630	10	M 16 x 1,5	38,0	45,5	12,0	24	27		RV-S-10-M 16x1,5-wd-OMD
630	12	M 18 x 1,5	41,0	48,5	12,0	27	30		RV-S-12-M 18x1,5-wd-OMD
630	14	M 20 x 1,5	44,5	52,5	14,0	27	32		RV-S-14-M 20x1,5-wd-OMD
400	16	M 22 x 1,5	48,0	56,5	14,0	32	36		RV-S-16-M 22x1,5-wd-OMD
400	20	M 27 x 2	52,0	62,5	16,0	41	46		RV-S-20-M 27x2-wd-OMD
400	25	M 33 x 2	54,5	66,5	18,0	46	50		RV-S-25-M 33x2-wd-OMD
250	30	M 42 x 2	64,0	77,5	20,0	55	60		RV-S-30-M 42x2-wd-OMD
250	38	M 48 x 2	69,5	85,5	22,0	65	70		RV-S-38-M 48x2-wd-OMD

Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
Einschraubzapfen mit Weichdichtung - FPM
Strömung zum Einschraubzapfen

Thread G: BSP - Parallel
Screwed Plug with Captive Seal - FPM
Flow towards Screwed Plug



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PB	D1	G	L1	L2	i	SW1	SW2	SW3	
250	6	G 1/8“	41,0	26,5	8,0	17	17	14	RZ-L-06-G 1/8“-wd
250	8	G 1/4“	43,0	28,5	12,0	17	19	17	RZ-L-08-G 1/4“-wd
250	10	G 1/4“	53,0	38,5	12,0	22	24	19	RZ-L-10-G 1/4“-wd
250	12	G 3/8“	55,0	40,5	12,0	27	30	22	RZ-L-12-G 3/8“-wd
250	15	G 1/2“	58,0	42,5	14,0	27	30	27	RZ-L-15-G 1/2“-wd
160	18	G 1/2“	64,0	48,0	14,0	36	36	32	RZ-L-18-G 1/2“-wd
160	22	G 3/4“	72,0	56,0	16,0	41	46	36	RZ-L-22-G 3/4“-wd
100	28	G 1“	81,0	64,0	18,0	50	55	41	RZ-L-28-G 1“-wd
100	35	G 1 1/4“	92,0	70,0	20,0	60	60	50	RZ-L-35-G 1 1/4“-wd
100	42	G 1 1/2“	104,0	71,5	22,0	65	70	60	RZ-L-42-G 1 1/2“-wd

Reihe / Series S

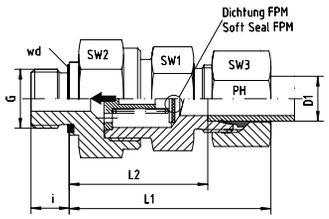
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PB	D1	G	L1	L2	i	SW1	SW2	SW3	
630	6	G 1/4“	46,0	31,5	12,0	19	19	17	RZ-S-06-G 1/4“-wd
630	8	G 1/4“	46,0	31,5	12,0	19	22	19	RZ-S-08-G 1/4“-wd
630	10	G 3/8“	54,0	38,0	12,0	24	27	22	RZ-S-10-G 3/8“-wd
630	12	G 3/8“	57,0	41,0	12,0	27	30	24	RZ-S-12-G 3/8“-wd
630	14	G 1/2“	61,0	43,5	14,0	27	32	27	RZ-S-14-G 1/2“-wd
400	16	G 1/2“	64,0	46,0	14,0	32	36	30	RZ-S-16-G 1/2“-wd
400	20	G 3/4“	72,0	50,0	16,0	41	46	36	RZ-S-20-G 3/4“-wd
400	25	G 1“	79,0	54,5	18,0	46	50	46	RZ-S-25-G 1“-wd
250	30	G 1 1/4“	91,0	64,0	20,0	55	60	50	RZ-S-30-G 1 1/4“-wd
250	38	G 1 1/2“	102,0	71,5	22,0	65	70	60	RZ-S-38-G 1 1/2“-wd

RZ - EINSCHRAUB - RÜCKSCHLAGVENTILE

RZ - MALE - NON - RETURN - VALVES

Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
Einschraubzapfen mit Weichdichtung - FPM
Strömung zum Einschraubzapfen

Thread G: BSP - Parallel
Screwed Plug with Captive Seal - FPM
Flow towards Screwed Plug



Reihe / Series L

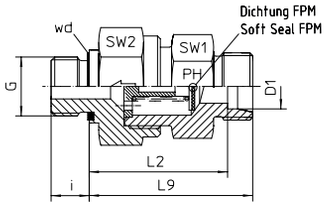
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PB	D1	G	L1	L2	i	SW1	SW2	SW3	
250	6	G 1/8“	41,0	26,5	8,0	17	17	14	RZ-L-06-G 1/8“-wd-SC
250	8	G 1/4“	43,0	28,5	12,0	17	19	17	RZ-L-08-G 1/4“-wd-SC
250	10	G 1/4“	53,0	38,5	12,0	22	24	19	RZ-L-10-G 1/4“-wd-SC
250	12	G 3/8“	55,0	40,5	12,0	27	30	22	RZ-L-12-G 3/8“-wd-SC
250	15	G 1/2“	58,0	42,5	14,0	27	30	27	RZ-L-15-G 1/2“-wd-SC
160	18	G 1/2“	64,0	48,0	14,0	36	36	32	RZ-L-18-G 1/2“-wd-SC
160	22	G 3/4“	72,0	56,0	16,0	41	46	36	RZ-L-22-G 3/4“-wd-SC
100	28	G 1“	81,0	64,0	18,0	50	55	41	RZ-L-28-G 1“-wd-SC
100	35	G 1 1/4“	92,0	70,0	20,0	60	60	50	RZ-L-35-G 1 1/4“-wd-SC
100	42	G 1 1/2“	104,0	71,5	22,0	65	70	60	RZ-L-42-G 1 1/2“-wd-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PB	D1	G	L1	L2	i	SW1	SW2	SW3	
630	6	G 1/4“	46,0	31,5	12,0	19	19	17	RZ-S-06-G 1/4“-wd-SC
630	8	G 1/4“	46,0	31,5	12,0	19	22	19	RZ-S-08-G 1/4“-wd-SC
630	10	G 3/8“	54,0	38,0	12,0	24	27	22	RZ-S-10-G 3/8“-wd-SC
630	12	G 3/8“	57,0	41,0	12,0	27	30	24	RZ-S-12-G 3/8“-wd-SC
630	14	G 1/2“	61,0	43,5	14,0	27	32	27	RZ-S-14-G 1/2“-wd-SC
400	16	G 1/2“	64,0	46,0	14,0	32	36	30	RZ-S-16-G 1/2“-wd-SC
400	20	G 3/4“	72,0	50,0	16,0	41	46	36	RZ-S-20-G 3/4“-wd-SC
400	25	G 1“	79,0	54,5	18,0	46	50	46	RZ-S-25-G 1“-wd-SC
250	30	G 1 1/4“	91,0	64,0	20,0	55	60	50	RZ-S-30-G 1 1/4“-wd-SC
250	38	G 1 1/2“	102,0	71,5	22,0	65	70	60	RZ-S-38-G 1 1/2“-wd-SC

Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
Einerseits für DIN EN ISO 8434-1 Schneidring
Einschraubzapfen mit Weichdichtung - FPM
Strömung zum Einschraubzapfen

Thread G: BSP - Parallel
On the one hand for DIN EN ISO 8434-1 Cutting Ring
Screwed Plug with Captive Seal - FPM
Flow towards Screwed Plug



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	**D1**	**G**	**L2**	**L9**	**i**	**SW1**	**SW2**		
250	6	G 1/8“	26,5	33,5	8,0	17	17		RZ-L-06-G 1/8“-wd-OMD
250	8	G 1/4“	28,5	35,5	12,0	17	19		RZ-L-08-G 1/4“-wd-OMD
250	10	G 1/4“	38,5	45,5	12,0	22	24		RZ-L-10-G 1/4“-wd-OMD
250	12	G 3/8“	40,5	47,5	12,0	27	30		RZ-L-12-G 3/8“-wd-OMD
250	15	G 1/2“	42,5	49,5	14,0	27	30		RZ-L-15-G 1/2“-wd-OMD
160	18	G 1/2“	48,0	55,5	14,0	36	36		RZ-L-18-G 1/2“-wd-OMD
160	22	G 3/4“	56,0	63,5	16,0	41	46		RZ-L-22-G 3/4“-wd-OMD
100	28	G 1“	64,0	71,5	18,0	50	55		RZ-L-28-G 1“-wd-OMD
100	35	G 1 1/4“	70,0	80,5	20,0	60	60		RZ-L-35-G 1 1/4“-wd-OMD
100	42	G 1 1/2“	71,5	82,5	22,0	65	70		RZ-L-42-G 1 1/2“-wd-OMD

Reihe / Series S

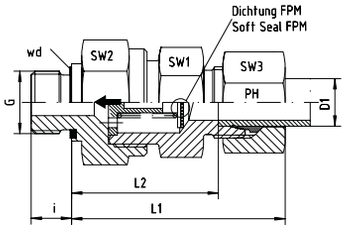
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	**D1**	**G**	**L2**	**L9**	**i**	**SW1**	**SW2**		
630	6	G 1/4“	31,5	38,5	12,0	19	19		RZ-S-06-G 1/4“-wd-OMD
630	8	G 1/4“	31,5	38,5	12,0	19	22		RZ-S-08-G 1/4“-wd-OMD
630	10	G 3/8“	38,0	45,5	12,0	24	27		RZ-S-10-G 3/8“-wd-OMD
630	12	G 3/8“	41,0	48,5	12,0	27	30		RZ-S-12-G 3/8“-wd-OMD
630	14	G 1/2“	43,5	51,5	14,0	27	32		RZ-S-14-G 1/2“-wd-OMD
400	16	G 1/2“	46,0	54,5	14,0	32	36		RZ-S-16-G 1/2“-wd-OMD
400	20	G 3/4“	50,0	60,5	16,0	41	46		RZ-S-20-G 3/4“-wd-OMD
400	25	G 1“	54,5	66,5	18,0	46	50		RZ-S-25-G 1“-wd-OMD
250	30	G 1 1/4“	64,0	77,5	20,0	55	60		RZ-S-30-G 1 1/4“-wd-OMD
250	38	G 1 1/2“	71,5	87,5	22,0	65	70		RZ-S-38-G 1 1/2“-wd-OMD

RZ - EINSCHRAUB - RÜCKSCHLAGVENTILE

RZ - MALE - NON - RETURN - VALVES

Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
Einschraubzapfen mit Weichdichtung - FPM
Strömung zum Einschraubzapfen

Thread G: Metric - Parallel
Screwed Plug with Captive Seal - FPM
Flow towards Screwed Plug



Reihe / Series L

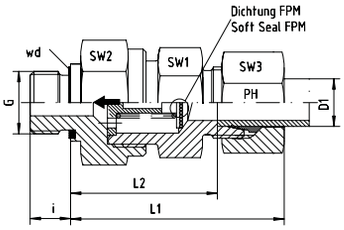
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PB	D1	G	L1	L2	i	SW1	SW2	SW3	
250	6	M 10 x 1	41,0	26,5	8,0	17	17	14	RZ-L-06-M 10x1-wd
250	8	M 12 x 1,5	43,0	28,5	12,0	17	19	17	RZ-L-08-M 12x1,5-wd
250	10	M 14 x 1,5	53,0	38,5	12,0	22	24	19	RZ-L-10-M 14x1,5-wd
250	12	M 16 x 1,5	55,0	40,5	12,0	27	30	22	RZ-L-12-M 16x1,5-wd
250	15	M 18 x 1,5	58,0	42,5	12,0	27	30	27	RZ-L-15-M 18x1,5-wd
160	18	M 22 x 1,5	64,0	48,0	14,0	36	36	32	RZ-L-18-M 22x1,5-wd
160	22	M 26 x 1,5	72,0	56,0	16,0	41	46	36	RZ-L-22-M 26x1,5-wd
100	28	M 33 x 2	81,0	64,0	18,0	50	55	41	RZ-L-28-M 33x2-wd
100	35	M 42 x 2	92,0	70,0	20,0	60	60	50	RZ-L-35-M 42x2-wd
100	42	M 48 x 2	104	71,5	22,0	65	70	60	RZ-L-42-M 48x2-wd

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PB	D1	G	L1	L2	i	SW1	SW2	SW3	
630	6	M 12 x 1,5	46,0	31,5	12,0	19	19	17	RZ-S-06-M 12x1,5-wd
630	8	M 14 x 1,5	46,0	31,5	12,0	19	22	19	RZ-S-08-M 14x1,5-wd
630	10	M 16 x 1,5	54,0	38,0	12,0	24	27	22	RZ-S-10-M 16x1,5-wd
630	12	M 18 x 1,5	57,0	41,0	12,0	27	30	24	RZ-S-12-M 18x1,5-wd
630	14	M 20 x 1,5	61,0	43,5	14,0	27	32	27	RZ-S-14-M 20x1,5-wd
400	16	M 22 x 1,5	64,0	46,0	14,0	32	36	30	RZ-S-16-M 22x1,5-wd
400	20	M 27 x 2	72,0	50,0	16,0	41	46	36	RZ-S-20-M 27x2-wd
400	25	M 33 x 2	79,0	54,5	18,0	46	50	46	RZ-S-25-M 33x2-wd
250	30	M 42 x 2	91,0	64,0	20,0	55	60	50	RZ-S-30-M 42x2-wd
250	38	M 48 x 2	102	71,5	22,0	65	70	60	RZ-S-38-M 48x2-wd

Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
Einschraubzapfen mit Weichdichtung - FPM
Strömung zum Einschraubzapfen

Thread G: Metric - Parallel
Screwed Plug with Captive Seal - FPM
Flow towards Screwed Plug



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PB	D1	G	L1	L2	i	SW1	SW2	SW3	
250	6	M 10 x 1	41,0	26,5	8,0	17	17	14	RZ-L-06-M 10x1-wd-SC
250	8	M 12 x 1,5	43,0	28,5	12,0	17	19	17	RZ-L-08-M 12x1,5-wd-SC
250	10	M 14 x 1,5	53,0	38,5	12,0	22	24	19	RZ-L-10-M 14x1,5-wd-SC
250	12	M 16 x 1,5	55,0	40,5	12,0	27	30	22	RZ-L-12-M 16x1,5-wd-SC
250	15	M 18 x 1,5	58,0	42,5	12,0	27	30	27	RZ-L-15-M 18x1,5-wd-SC
160	18	M 22 x 1,5	64,0	48,0	14,0	36	36	32	RZ-L-18-M 22x1,5-wd-SC
160	22	M 26 x 1,5	72,0	56,0	16,0	41	46	36	RZ-L-22-M 26x1,5-wd-SC
100	28	M 33 x 2	81,0	64,0	18,0	50	55	41	RZ-L-28-M 33x2-wd-SC
100	35	M 42 x 2	92,0	70,0	20,0	60	60	50	RZ-L-35-M 42x2-wd-SC
100	42	M 48 x 2	104,0	71,5	22,0	65	70	60	RZ-L-42-M 48x2-wd-SC

Reihe / Series S

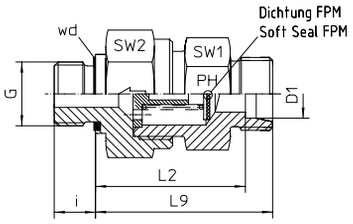
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions						Bestellzeichen Order-Code
PB	D1	G	L1	L2	i	SW1	SW2	SW3	
630	6	M 12 x 1,5	46,0	31,5	12,0	19	19	17	RZ-S-06-M 12x1,5-wd-SC
630	8	M 14 x 1,5	46,0	31,5	12,0	19	22	19	RZ-S-08-M 14x1,5-wd-SC
630	10	M 16 x 1,5	54,0	38,0	12,0	24	27	22	RZ-S-10-M 16x1,5-wd-SC
630	12	M 18 x 1,5	57,0	41,0	12,0	27	30	24	RZ-S-12-M 18x1,5-wd-SC
630	14	M 20 x 1,5	61,0	43,5	14,0	27	32	27	RZ-S-14-M 20x1,5-wd-SC
400	16	M 22 x 1,5	64,0	46,0	14,0	32	36	30	RZ-S-16-M 22x1,5-wd-SC
400	20	M 27 x 2	72,0	50,0	16,0	41	46	36	RZ-S-20-M 27x2-wd-SC
400	25	M 33 x 2	79,0	54,5	18,0	46	50	46	RZ-S-25-M 33x2-wd-SC
250	30	M 42 x 2	91,0	64,0	20,0	55	60	50	RZ-S-30-M 42x2-wd-SC
250	38	M 48 x 2	102,0	71,5	22,0	65	70	60	RZ-S-38-M 48x2-wd-SC

RZ - EINSCHRAUB - RÜCKSCHLAGVENTILE

RZ - MALE - NON - RETURN - VALVES

Einschraubgewinde G:
Metrisches Feingewinde - Zylindrisch
Einerseits für DIN EN ISO 8434-1 Schneidring
Einschraubzapfen mit Weichdichtung - FPM
Strömung zum Einschraubzapfen

Thread G: Metric - Parallel
On the one hand for DIN EN ISO 8434-1 Cutting Ring
Screwed Plug with Captive Seal - FPM
Flow towards Screwed Plug



Reihe / Series L

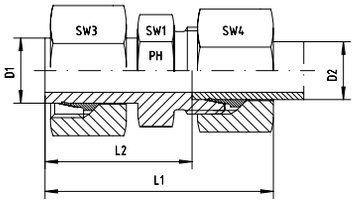
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	**D1**	**G**	**L2**	**L9**	**i**	**SW1**	**SW2**		
250	6	M 10 x 1	26,5	33,5	8,0	17	17		RZ-L-06-M 10x1-wd-OMD
250	8	M 12 x 1,5	28,5	35,5	12,0	17	19		RZ-L-08-M 12x1,5-wd-OMD
250	10	M 14 x 1,5	38,5	45,5	12,0	22	24		RZ-L-10-M 14x1,5-wd-OMD
250	12	M 16 x 1,5	40,5	47,5	12,0	27	30		RZ-L-12-M 16x1,5-wd-OMD
250	15	M 18 x 1,5	42,5	49,5	12,0	27	30		RZ-L-15-M 18x1,5-wd-OMD
160	18	M 22 x 1,5	48,0	55,5	14,0	36	36		RZ-L-18-M 22x1,5-wd-OMD
160	22	M 26 x 1,5	56,0	63,5	16,0	41	46		RZ-L-22-M 26x1,5-wd-OMD
100	28	M 33 x 2	64,0	71,5	18,0	50	55		RZ-L-28-M 33x2-wd-OMD
100	35	M 42 x 2	70,0	80,5	20,0	60	60		RZ-L-35-M 42x2-wd-OMD
100	42	M 48 x 2	71,5	82,5	22,0	65	70		RZ-L-42-M 48x2-wd-OMD

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	**D1**	**G**	**L2**	**L9**	**i**	**SW1**	**SW2**		
630	6	M 12 x 1,5	31,5	38,5	12,0	19	19		RZ-S-06-M 12x1,5-wd-OMD
630	8	M 14 x 1,5	31,5	38,5	12,0	19	22		RZ-S-08-M 14x1,5-wd-OMD
630	10	M 16 x 1,5	38,0	45,5	12,0	24	27		RZ-S-10-M 16x1,5-wd-OMD
630	12	M 18 x 1,5	41,0	48,5	12,0	27	30		RZ-S-12-M 18x1,5-wd-OMD
630	14	M 20 x 1,5	43,5	51,5	14,0	27	32		RZ-S-14-M 20x1,5-wd-OMD
400	16	M 22 x 1,5	46,0	54,5	14,0	32	36		RZ-S-16-M 22x1,5-wd-OMD
400	20	M 27 x 2	50,0	60,5	16,0	41	46		RZ-S-20-M 27x2-wd-OMD
400	25	M 33 x 2	54,5	66,5	18,0	46	50		RZ-S-25-M 33x2-wd-OMD
250	30	M 42 x 2	64,0	77,5	20,0	55	60		RZ-S-30-M 42x2-wd-OMD
250	38	M 48 x 2	71,5	87,5	22,0	65	70		RZ-S-38-M 48x2-wd-OMD

Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstieges.

Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.

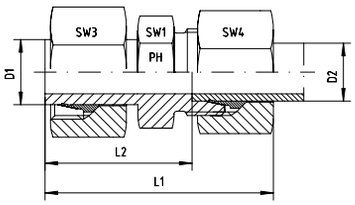


Reihe / Series LL

Druck Pressure	**Rohr A.D.** Tube O.D.		**Ca. Maße** Approx. Dimensions					**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW1**	**SW3**	**SW4**		
100	6	4	35,0	23,0	10	12	10		KOR-LL-06/04

Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstieges.

Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.

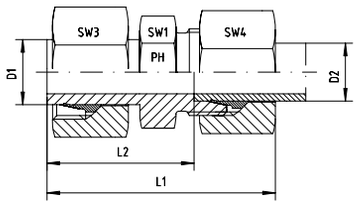


Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	D2	L1	L2	SW1	SW3	SW4		
315	8	6	43,5	25,5	12	17	14		KOR-L-08/06
315	10	6	44,0	29,0	12	19	14		KOR-L-10/06
315	10	8	44,0	29,0	14	19	17		KOR-L-10/08
315	12	6	44,0	29,0	14	22	14		KOR-L-12/06
315	12	8	44,0	29,0	14	22	17		KOR-L-12/08
315	12	10	45,0	30,0	17	22	19		KOR-L-12/10
315	12	15	49,0	34,0	29	22	27		KOR-L-12/15
315	15	6	45,5	30,5	17	27	14		KOR-L-15/06
315	15	8	45,5	30,5	17	27	17		KOR-L-15/08
315	15	10	46,5	31,5	17	27	19		KOR-L-15/10
315	15	12	46,5	31,5	19	27	22		KOR-L-15/12
315	18	6	47,5	32,5	19	32	14		KOR-L-18/06
315	18	8	47,5	32,5	19	32	17		KOR-L-18/08
315	18	10	48,0	33,0	19	32	19		KOR-L-18/10
315	18	12	48,0	33,0	19	32	22		KOR-L-18/12
315	18	15	49,0	34,0	24	32	27		KOR-L-18/15
160	22	6	50,0	35,0	24	36	14		KOR-L-22/06
160	22	8	50,0	35,0	24	36	17		KOR-L-22/08
160	22	10	51,0	36,0	24	36	19		KOR-L-22/10
160	22	12	51,0	36,0	24	36	22		KOR-L-22/12
160	22	15	52,0	37,0	24	36	27		KOR-L-22/15
160	22	18	53,0	36,5	27	36	32		KOR-L-22/18
160	28	6	50,0	35,0	30	41	14		KOR-L-28/06
160	28	8	50,0	35,0	30	41	17		KOR-L-28/08
160	28	10	51,0	36,0	30	41	19		KOR-L-28/10
160	28	12	51,0	36,0	30	41	22		KOR-L-28/12
160	28	15	52,0	37,0	30	41	27		KOR-L-28/15
160	28	18	54,0	37,5	30	41	32		KOR-L-28/18
160	28	22	55,5	39,0	30	41	36		KOR-L-28/22
160	35	6	58,0	43,0	36	50	14		KOR-L-35/06
160	35	8	58,0	43,0	36	50	17		KOR-L-35/08
160	35	10	59,0	44,0	36	50	19		KOR-L-35/10
160	35	12	59,0	44,0	36	50	22		KOR-L-35/12
160	35	15	60,0	45,0	36	50	27		KOR-L-35/15
160	35	18	61,0	44,5	36	50	32		KOR-L-35/18
160	35	22	63,0	46,5	36	50	36		KOR-L-35/22
160	35	28	63,0	46,5	41	50	41		KOR-L-35/28
160	42	6	59,0	44,0	36	60	14		KOR-L-42/06
160	42	8	59,0	44,0	46	60	17		KOR-L-42/08
160	42	10	60,0	45,0	46	60	19		KOR-L-42/10
160	42	12	60,0	45,0	46	60	22		KOR-L-42/12
160	42	15	61,0	46,0	46	60	27		KOR-L-42/15
160	42	18	59,0	44,0	46	60	32		KOR-L-42/18
160	42	22	63,0	46,5	46	60	36		KOR-L-42/22
160	42	28	64,0	47,5	46	60	41		KOR-L-42/28
160	42	35	69,0	47,5	46	60	50		KOR-L-42/35

Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstieges.

Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.

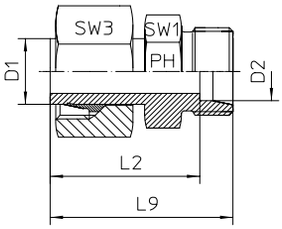


Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW1**	**SW3**	**SW4**		
315	8	6	43,5	25,5	12	17	14		KOR-L-08/06-SC
315	10	6	44,0	29,0	12	19	14		KOR-L-10/06-SC
315	10	8	44,0	29,0	14	19	17		KOR-L-10/08-SC
315	12	6	44,0	29,0	14	22	14		KOR-L-12/06-SC
315	12	8	44,0	29,0	14	22	17		KOR-L-12/08-SC
315	12	10	45,0	30,0	17	22	19		KOR-L-12/10-SC
315	12	15	49,0	34,0	29	22	27		KOR-L-12/15-SC
315	15	6	45,5	30,5	17	27	14		KOR-L-15/06-SC
315	15	8	45,5	30,5	17	27	17		KOR-L-15/08-SC
315	15	10	46,5	31,5	17	27	19		KOR-L-15/10-SC
315	15	12	46,5	31,5	19	27	22		KOR-L-15/12-SC
315	18	6	47,5	32,5	19	32	14		KOR-L-18/06-SC
315	18	8	47,5	32,5	19	32	17		KOR-L-18/08-SC
315	18	10	48,0	33,0	19	32	19		KOR-L-18/10-SC
315	18	12	48,0	33,0	19	32	22		KOR-L-18/12-SC
315	18	15	49,0	34,0	24	32	27		KOR-L-18/15-SC
160	22	6	50,0	35,0	24	36	14		KOR-L-22/06-SC
160	22	8	50,0	35,0	24	36	17		KOR-L-22/08-SC
160	22	10	51,0	36,0	24	36	19		KOR-L-22/10-SC
160	22	12	51,0	36,0	24	36	22		KOR-L-22/12-SC
160	22	15	52,0	37,0	24	36	27		KOR-L-22/15-SC
160	22	18	53,0	36,5	27	36	32		KOR-L-22/18-SC
160	28	6	50,0	35,0	30	41	14		KOR-L-28/06-SC
160	28	8	50,0	35,0	30	41	17		KOR-L-28/08-SC
160	28	10	51,0	36,0	30	41	19		KOR-L-28/10-SC
160	28	12	51,0	36,0	30	41	22		KOR-L-28/12-SC
160	28	15	52,0	37,0	30	41	27		KOR-L-28/15-SC
160	28	18	54,0	37,5	30	41	32		KOR-L-28/18-SC
160	28	22	55,5	39,0	30	41	36		KOR-L-28/22-SC
160	35	6	58,0	43,0	36	50	14		KOR-L-35/06-SC
160	35	8	58,0	43,0	36	50	17		KOR-L-35/08-SC
160	35	10	59,0	44,0	36	50	19		KOR-L-35/10-SC
160	35	12	59,0	44,0	36	50	22		KOR-L-35/12-SC
160	35	15	60,0	45,0	36	50	27		KOR-L-35/15-SC
160	35	18	61,0	44,5	36	50	32		KOR-L-35/18-SC
160	35	22	63,0	46,5	36	50	36		KOR-L-35/22-SC
160	35	28	63,0	46,5	41	50	41		KOR-L-35/28-SC
160	42	6	59,0	44,0	36	60	14		KOR-L-42/06-SC
160	42	8	59,0	44,0	46	60	17		KOR-L-42/08-SC
160	42	10	60,0	45,0	46	60	19		KOR-L-42/10-SC
160	42	12	60,0	45,0	46	60	22		KOR-L-42/12-SC
160	42	15	61,0	46,0	46	60	27		KOR-L-42/15-SC
160	42	18	59,0	44,0	46	60	32		KOR-L-42/18-SC
160	42	22	63,0	46,5	46	60	36		KOR-L-42/22-SC
160	42	28	64,0	47,5	46	60	41		KOR-L-42/28-SC
160	42	35	69,0	47,5	46	60	50		KOR-L-42/35-SC

Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstieges.

Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.

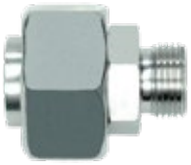


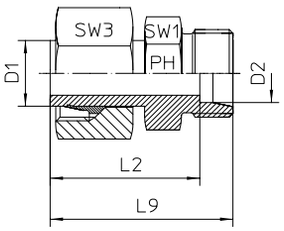
Reihe / Series LL

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L2**	**L9**	**SW1**	**SW2**		
100	6	4	23,0	27,0	10	12		KOR-LL-06/04-OMD

Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstieges.

Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.



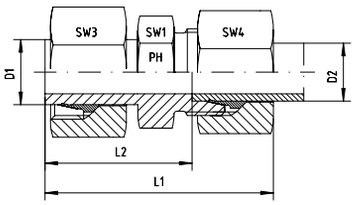


Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L2**	**L9**	**SW1**	**SW3**		
315	8	6	25,5	35,5	12	17		KOR-L-08/06-OMD
315	10	6	29,0	36,0	12	19		KOR-L-10/06-OMD
315	10	8	29,0	36,0	14	19		KOR-L-10/08-OMD
315	12	6	29,0	36,0	14	22		KOR-L-12/06-OMD
315	12	8	29,0	36,0	14	22		KOR-L-12/08-OMD
315	12	10	30,0	37,0	17	22		KOR-L-12/10-OMD
315	12	15	34,0	41,0	24	22		KOR-L-12/15-OMD
315	15	6	30,5	37,5	17	27		KOR-L-15/06-OMD
315	15	8	30,5	37,5	17	27		KOR-L-15/08-OMD
315	15	10	31,5	38,5	17	27		KOR-L-15/10-OMD
315	15	12	31,5	38,5	19	27		KOR-L-15/12-OMD
315	18	6	32,5	39,0	19	32		KOR-L-18/06-OMD
315	18	8	32,5	39,5	19	32		KOR-L-18/08-OMD
315	18	10	33,0	40,0	19	32		KOR-L-18/10-OMD
315	18	12	33,0	40,0	19	32		KOR-L-18/12-OMD
315	18	15	34,0	41,5	24	32		KOR-L-18/15-OMD
160	22	6	35,0	42,0	24	36		KOR-L-22/06-OMD
160	22	8	35,0	42,0	24	36		KOR-L-22/08-OMD
160	22	10	36,0	43,0	24	36		KOR-L-22/10-OMD
160	22	12	36,0	43,0	24	36		KOR-L-22/12-OMD
160	22	15	37,0	44,0	24	36		KOR-L-22/15-OMD
160	22	18	36,5	44,0	27	36		KOR-L-22/18-OMD
160	28	6	35,0	42,0	30	41		KOR-L-28/06-OMD
160	28	8	35,0	42,0	30	41		KOR-L-28/08-OMD
160	28	10	36,0	43,0	30	41		KOR-L-28/10-OMD
160	28	12	36,0	43,0	30	41		KOR-L-28/12-OMD
160	28	15	37,0	44,0	30	41		KOR-L-28/15-OMD
160	28	18	37,5	45,0	30	41		KOR-L-28/18-OMD
160	28	22	39,0	46,5	30	41		KOR-L-28/22-OMD
160	35	6	43,0		36	50		KOR-L-35/06-OMD
160	35	8	43,0		36	50		KOR-L-35/08-OMD
160	35	10	44,0	50,0	36	50		KOR-L-35/10-OMD
160	35	12	44,0	50,0	36	50		KOR-L-35/12-OMD
160	35	15	45,0	51,0	36	50		KOR-L-35/15-OMD
160	35	18	44,5	51,0	36	50		KOR-L-35/18-OMD
160	35	22	46,5	54,0	36	50		KOR-L-35/22-OMD
160	35	28	46,5	54,0	41	50		KOR-L-35/28-OMD
160	42	6	44,0		36	60		KOR-L-42/06-OMD
160	42	8	44,0		46	60		KOR-L-42/08-OMD
160	42	10	45,0	52,0	46	60		KOR-L-42/10-OMD
160	42	12	45,0	52,0	46	60		KOR-L-42/12-OMD
160	42	15	46,0	53,0	46	60		KOR-L-42/15-OMD
160	42	18	44,0	53,0	46	60		KOR-L-42/18-OMD
160	42	22	46,5	54,0	46	60		KOR-L-42/22-OMD
160	42	28	47,5	55,0	46	60		KOR-L-42/28-OMD
160	42	35	47,5	58,0	46	60		KOR-L-42/35-OMD

Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstieges.

Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.

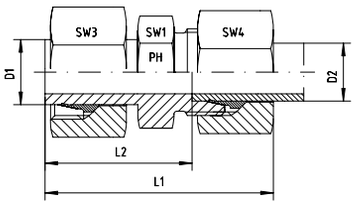


Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW1**	**SW3**	**SW4**		
630	8	6	47,0	32,0	14	19	17		KOR-S-08/06
630	10	6	48,0	33,0	14	22	17		KOR-S-10/06
630	10	8	48,0	33,0	17	22	19		KOR-S-10/08
630	12	6	50,0	35,0	14	24	17		KOR-S-12/06
630	12	8	50,0	35,0	17	24	19		KOR-S-12/08
630	12	10	51,0	34,5	19	24	22		KOR-S-12/10
630	14	6	50,0	35,0	17	27	17		KOR-S-14/06
630	14	8	50,0	35,0	17	27	19		KOR-S-14/08
630	14	10	51,0	34,5	19	27	22		KOR-S-14/10
630	14	12	51,0	34,5	22	27	24		KOR-S-14/12
400	16	6	54,0	39,0	17	30	17		KOR-S-16/06
400	16	8	54,0	39,0	17	30	19		KOR-S-16/08
400	16	10	55,0	38,5	19	30	22		KOR-S-16/10
400	16	12	55,0	38,5	22	30	24		KOR-S-16/12
400	16	14	58,0	40,0	22	30	27		KOR-S-16/14
400	20	6	58,5	43,5	22	36	17		KOR-S-20/06
400	20	8	58,5	43,5	22	36	19		KOR-S-20/08
400	20	10	59,5	43,0	22	36	22		KOR-S-20/10
400	20	12	59,5	43,0	22	36	24		KOR-S-20/12
400	20	14	60,5	42,5	24	36	27		KOR-S-20/14
400	20	16	63,0	44,5	27	36	30		KOR-S-20/16
400	25	6	59,0	44,0	27	46	17		KOR-S-25/06
400	25	8	59,0	44,0	27	46	19		KOR-S-25/08
400	25	10	61,0	44,5	27	46	22		KOR-S-25/10
400	25	12	63,0	46,5	27	46	24		KOR-S-25/12
400	25	14	64,0	46,0	27	46	27		KOR-S-25/14
400	25	16	67,0	48,5	27	46	30		KOR-S-25/16
400	25	20	70,0	48,5	32	46	36		KOR-S-25/20
400	30	6	69,0	54,0	32	50	17		KOR-S-30/06
400	30	8	69,0	54,0	32	50	19		KOR-S-30/08
400	30	10	70,0	53,5	32	50	22		KOR-S-30/10
400	30	12	70,0	53,5	32	50	24		KOR-S-30/12
400	30	14	71,0	55,0	32	50	27		KOR-S-30/14
400	30	16	73,0	54,5	32	50	30		KOR-S-30/16
400	30	20	76,0	54,5	32	50	36		KOR-S-30/20
400	30	25	81,5	57,5	41	50	46		KOR-S-30/25
250	38	6	70,0	55,0	41	60	17		KOR-S-38/06
250	38	8	70,0	55,0	41	60	19		KOR-S-38/08
250	38	10	71,0	54,5	41	60	22		KOR-S-38/10
250	38	12	71,0	54,5	41	60	24		KOR-S-38/12
250	38	14	74,0	56,0	41	60	27		KOR-S-38/14
250	38	16	74,0	55,5	41	60	30		KOR-S-38/16
250	38	20	79,0	57,5	41	60	36		KOR-S-38/20
250	38	25	84,0	60,0	41	60	46		KOR-S-38/25
250	38	30	87,0	60,5	46	60	50		KOR-S-38/30

Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstieges.

Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.

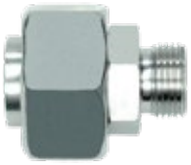


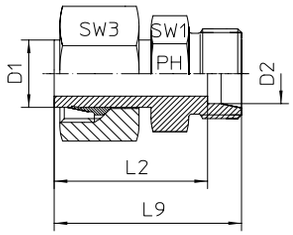
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW1**	**SW3**	**SW4**		
630	8	6	47,0	32,0	14	19	17		KOR-S-08/06-SC
630	10	6	48,0	33,0	14	22	17		KOR-S-10/06-SC
630	10	8	48,0	33,0	17	22	19		KOR-S-10/08-SC
630	12	6	50,0	35,0	14	24	17		KOR-S-12/06-SC
630	12	8	50,0	35,0	17	24	19		KOR-S-12/08-SC
630	12	10	51,0	34,5	19	24	22		KOR-S-12/10-SC
630	14	6	50,0	35,0	17	27	17		KOR-S-14/06-SC
630	14	8	50,0	35,0	17	27	19		KOR-S-14/08-SC
630	14	10	51,0	34,5	19	27	22		KOR-S-14/10-SC
630	14	12	51,0	34,5	22	27	24		KOR-S-14/12-SC
400	16	6	54,0	39,0	17	30	17		KOR-S-16/06-SC
400	16	8	54,0	39,0	17	30	19		KOR-S-16/08-SC
400	16	10	55,0	38,5	19	30	22		KOR-S-16/10-SC
400	16	12	55,0	38,5	22	30	24		KOR-S-16/12-SC
400	16	14	58,0	40,0	22	30	27		KOR-S-16/14-SC
400	20	6	58,5	43,5	22	36	17		KOR-S-20/06-SC
400	20	8	58,5	43,5	22	36	19		KOR-S-20/08-SC
400	20	10	59,5	43,0	22	36	22		KOR-S-20/10-SC
400	20	12	59,5	43,0	22	36	24		KOR-S-20/12-SC
400	20	14	60,5	42,5	24	36	27		KOR-S-20/14-SC
400	20	16	63,0	44,5	27	36	30		KOR-S-20/16-SC
400	25	6	59,0	44,0	27	46	17		KOR-S-25/06-SC
400	25	8	59,0	44,0	27	46	19		KOR-S-25/08-SC
400	25	10	61,0	44,5	27	46	22		KOR-S-25/10-SC
400	25	12	63,0	46,5	27	46	24		KOR-S-25/12-SC
400	25	14	64,0	46,0	27	46	27		KOR-S-25/14-SC
400	25	16	67,0	48,5	27	46	30		KOR-S-25/16-SC
400	25	20	70,0	48,5	32	46	36		KOR-S-25/20-SC
400	30	6	69,0	54,0	32	50	17		KOR-S-30/06-SC
400	30	8	69,0	54,0	32	50	19		KOR-S-30/08-SC
400	30	10	70,0	53,5	32	50	22		KOR-S-30/10-SC
400	30	12	70,0	53,5	32	50	24		KOR-S-30/12-SC
400	30	14	71,0	55,0	32	50	27		KOR-S-30/14-SC
400	30	16	73,0	54,5	32	50	30		KOR-S-30/16-SC
400	30	20	76,0	54,5	32	50	36		KOR-S-30/20-SC
400	30	25	81,5	57,5	41	50	46		KOR-S-30/25-SC
250	38	6	70,0	55,0	41	60	17		KOR-S-38/06-SC
250	38	8	70,0	55,0	41	60	19		KOR-S-38/08-SC
250	38	10	71,0	54,5	41	60	22		KOR-S-38/10-SC
250	38	12	71,0	54,5	41	60	24		KOR-S-38/12-SC
250	38	14	74,0	56,0	41	60	27		KOR-S-38/14-SC
250	38	16	74,0	55,5	41	60	30		KOR-S-38/16-SC
250	38	20	79,0	57,5	41	60	36		KOR-S-38/20-SC
250	38	25	84,0	60,0	41	60	46		KOR-S-38/25-SC
250	38	30	87,0	60,5	46	60	50		KOR-S-38/30-SC

Anschluss D1 ist vormontiert. Die Fertigmontage erfolgt im Stutzen mit ca. 1/2 Umdrehung der Überwurfmutter über den Punkt des deutlich spürbaren Kraftanstieges.

Port D1 is pre-assembled. Final assembly in appropriate body with approx. 1/2 turn beyond the point of clearly perceptible resistance.





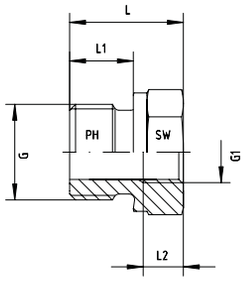
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.						Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L2**	**L9**	**SW1**	**SW3**		
630	8	6	32,0	39,0	14	19		KOR-S-08/06-OMD
630	10	6	33,0	40,0	14	22		KOR-S-10/06-OMD
630	10	8	33,0	40,0	17	22		KOR-S-10/08-OMD
630	12	6	35,0	42,0	14	24		KOR-S-12/06-OMD
630	12	8	35,0	42,0	17	24		KOR-S-12/08-OMD
630	12	10	34,5	42,0	19	24		KOR-S-12/10-OMD
630	14	6	35,0	42,0	17	27		KOR-S-14/06-OMD
630	14	8	35,0	42,0	17	27		KOR-S-14/08-OMD
630	14	10	34,5	42,0	19	27		KOR-S-14/10-OMD
630	14	12	34,5	42,0	22	27		KOR-S-14/12-OMD
400	16	6	39,0	42,0	17	30		KOR-S-16/06-OMD
400	16	8	39,0	46,0	17	30		KOR-S-16/08-OMD
400	16	10	38,5	46,0	19	30		KOR-S-16/10-OMD
400	16	12	38,5	46,0	22	30		KOR-S-16/12-OMD
400	16	14	40,0	48,0	22	30		KOR-S-16/14-OMD
400	20	6	43,5	50,5	22	36		KOR-S-20/06-OMD
400	20	8	43,5	50,5	22	36		KOR-S-20/08-OMD
400	20	10	43,0	50,5	22	36		KOR-S-20/10-OMD
400	20	12	43,0	50,5	22	36		KOR-S-20/12-OMD
400	20	14	42,5	50,5	24	36		KOR-S-20/14-OMD
400	20	16	44,5	53,0	27	36		KOR-S-20/16-OMD
400	25	6	44,0	51,0	27	46		KOR-S-25/06-OMD
400	25	8	44,0	51,0	27	46		KOR-S-25/08-OMD
400	25	10	44,5	52,0	27	46		KOR-S-25/10-OMD
400	25	12	46,5	54,0	27	46		KOR-S-25/12-OMD
400	25	14	46,0		27	46		KOR-S-25/14-OMD
400	25	16	48,5	57,0	27	46		KOR-S-25/16-OMD
400	25	20	48,5	59,0	32	46		KOR-S-25/20-OMD
400	30	6	54,0		32	50		KOR-S-30/06-OMD
400	30	8	54,0		32	50		KOR-S-30/08-OMD
400	30	10	53,5		32	50		KOR-S-30/10-OMD
400	30	12	53,5	61,0	32	50		KOR-S-30/12-OMD
400	30	14	55,0	63,0	32	50		KOR-S-30/14-OMD
400	30	16	54,5	63,0	32	50		KOR-S-30/16-OMD
400	30	20	54,5	65,0	32	50		KOR-S-30/20-OMD
400	30	25	57,5	69,5	41	50		KOR-S-30/25-OMD
250	38	6	55,0		41	60		KOR-S-38/06-OMD
250	38	8	55,0		41	60		KOR-S-38/08-OMD
250	38	10	54,5	62,0	41	60		KOR-S-38/10-OMD
250	38	12	54,5	62,0	41	60		KOR-S-38/12-OMD
250	38	14	56,0		41	60		KOR-S-38/14-OMD
250	38	16	55,5	64,0	41	60		KOR-S-38/16-OMD
250	38	20	57,5	68,0	41	60		KOR-S-38/20-OMD
250	38	25	60,0	72,0	41	60		KOR-S-38/25-OMD
250	38	30	60,5	74,0	46	60		KOR-S-38/30-OMD

Form A

Beide Gewinde:
Whitworth-Rohrgewinde - Zylindrisch - DIN / ISO 228
Abdichtung durch Dichtkante Form B

Form A
Both Threads: BSP - Parallel - DIN / ISO 228
Sealing by Sealing Shoulder Form B



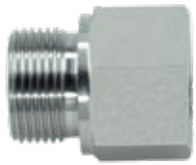
Druck Pressure	Außengewinde Male Thread	Innengewinde Female Thread	Ca. Maße Approx. Dimensions				Form Form	Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G**	**G1**	**L**	**L1**	**L2**	**SW**			
400	G 3/8“	G 1/8“	22,5	12,0	8,0	22	A		GRI-3/8“ x 1/8“
400	G 1/2“	G 1/4“	24,0	14,0	12,0	27	A		GRI-1/2“ x 1/4“
400	G 1/2“	G 1/8“	24,0	14,0	8,0	27	A		GRI-1/2“ x 1/8“
400	G 3/4“	G 3/8“	26,0	16,0	13,0	32	A		GRI-3/4“ x 3/8“
400	G 3/4“	G 1/4“	26,0	16,0	12,0	32	A		GRI-3/4“ x 1/4“
400	G 3/4“	G 1/8“	26,0	16,0	8,0	32	A		GRI-3/4“ x 1/8“
400	G 1“	G 1/2“	29,0	18,0	14,0	41	A		GRI-1“ x 1/2“
400	G 1“	G 3/8“	29,0	18,0	12,0	41	A		GRI-1“ x 3/8“
400	G 1“	G 1/4“	29,0	18,0	12,0	41	A		GRI-1“ x 1/4“
250	G 1 1/4“	G 3/4“	32,0	20,0	16,0	50	A		GRI-1 1/4“ x 3/4“
250	G 1 1/4“	G 1/2“	32,0	20,0	14,0	50	A		GRI-1 1/4“ x 1/2“
250	G 1 1/4“	G 3/8“	32,0	20,0	17,0	50	A		GRI-1 1/4“ x 3/8“
250	G 1 1/2“	G 1“	36,0	22,0	18,0	55	A		GRI-1 1/2“ x 1“
250	G 1 1/2“	G 3/4“	36,0	22,0	16,0	55	A		GRI-1 1/2“ x 3/4“
250	G 1 1/2“	G 1/2“	36,0	22,0	14,0	55	A		GRI-1 1/2“ x 1/2“
250	G 2“	G 1 1/2“	42,0	22,5	18,5	70	A		GRI-2“ x 1 1/2“
250	G 2“	G 1 1/4“	42,0	22,5	18,5	70	A		GRI-2“ x 1 1/4“
250	G 2“	G 1“	42,0	22,5	18,5	70	A		GRI-2“ x 1“
250	G 2“	G 3/4“	42,0	22,5	16,0	70	A		GRI-2“ x 3/4“
250	G 2“	G 1/2“	41,5	22,5	16,0	70	A		GRI-2“ x 1/2“

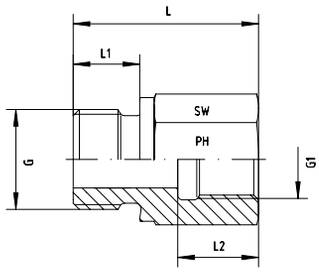
GRI - GEWINDE - REDUZIERUNGEN
GRI - REDUCING BUSH

Form B

Beide Gewinde:
Whitworth-Rohrgewinde - Zylindrisch - DIN / ISO 228
Abdichtung durch Dichtkante Form B

Form B
Both Threads: BSP - Parallel - DIN / ISO 228
Sealing by Sealing Shoulder Form B



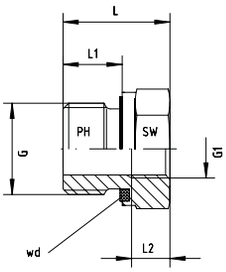


Druck Pressure	Außengewinde Male Thread	Innengewinde Female Thread	Ca. Maße Approx. Dimensions				Form Form	Bemerkungen Notes	Bestellzeichen Order-Code
PN	G	G1	L	L1	L2	SW			
630	G 1/8“	G 1/2“	37,0	8,0	20,0	27	B		GRI-1/8“ x 1/2“
630	G 1/8“	G 3/8“	32,0	8,0	17,0	24	B		GRI-1/8“ x 3/8“
630	G 1/8“	G 1/4“	31,0	8,0	17,0	19	B		GRI-1/8“ x 1/4“
630	G 1/4“	G 3/4“	43,0	12,0	22,0	36	B		GRI-1/4“ x 3/4“
630	G 1/4“	G 1/2“	40,0	12,0	20,0	27	B		GRI-1/4“ x 1/2“
630	G 1/4“	G 3/8“	36,0	12,0	17,0	24	B		GRI-1/4“ x 3/8“
630	G 1/4“	G 1/8“	28,0	12,0	12,0	19	B		GRI-1/4“ x 1/8“
400	G 3/8“	G 1“	46,5	12,0	24,5	41	B		GRI-3/8“ x 1“
400	G 3/8“	G 3/4“	44,0	12,0	22,0	36	B		GRI-3/8“ x 3/4“
400	G 3/8“	G 1/2“	41,0	12,0	20,0	27	B		GRI-3/8“ x 1/2“
400	G 3/8“	G 1/4“	36,0	12,0	17,0	22	B		GRI-3/8“ x 1/4“
250	G 1/2“	G 1 1/4“	53,0	14,0	26,5	55	B		GRI-1/2“ x 1 1/4“
400	G 1/2“	G 1“	49,0	14,0	24,5	41	B		GRI-1/2“ x 1“
400	G 1/2“	G 3/4“	46,0	14,0	22,0	36	B		GRI-1/2“ x 3/4“
400	G 1/2“	G 3/8“	36,0	14,0	17,0	27	B		GRI-1/2“ x 3/8“
250	G 3/4“	G 1 1/2“	57,0	16,0	28,5	60	B		GRI-3/4“ x 1 1/2“
250	G 3/4“	G 1 1/4“	55,0	16,0	26,5	55	B		GRI-3/4“ x 1 1/4“
400	G 3/4“	G 1“	51,0	16,0	24,5	41	B		GRI-3/4“ x 1“
400	G 3/4“	G 1/2“	41,0	16,0	20,0	32	B		GRI-3/4“ x 1/2“
250	G 1“	G 1 1/2“	59,0	18,0	28,5	60	B		GRI-1“ x 1 1/2“
250	G 1“	G 1 1/4“	57,0	18,0	26,5	55	B		GRI-1“ x 1 1/4“
400	G 1“	G 3/4“	47,0	18,0	22,0	41	B		GRI-1“ x 3/4“
250	G 1 1/4“	G 1 1/2“	60,0	20,0	28,5	60	B		GRI-1 1/4“ x 1 1/2“
250	G 1 1/4“	G 1“	52,0	20,0	24,5	50	B		GR-1 1/4“ x 1“
250	G 1 1/2“	G 1 1/4“	58,0	22,0	26,5	55	B		GRI-1 1/2“ x 1 1/4“

Form A

Beide Gewinde:
Whitworth-Rohrgewinde - Zylindrisch - DIN / ISO 228
wd = Abdichtung durch Profildichtung - FPM

Form A
Both Threads: BSP - Parallel - DIN / ISO 228
wd = Sealing by an Elastomer Profiled Ring - FPM



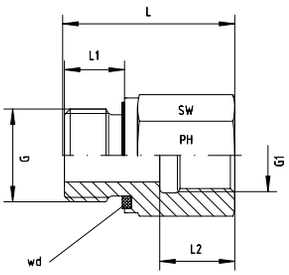
Druck Pressure	Außengewinde Male Thread	Innengewinde Female Thread	Ca. Maße Approx. Dimensions				Form Form	Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G**	**G1**	**L**	**L1**	**L2**	**SW**			
630	G 3/8“	G 1/8“	22,5	12,0	8,0	22	A		GRI-3/8“-wd x 1/8“
630	G 1/2“	G 1/4“	24,0	14,0	12,0	27	A		GRI-1/2“-wd x 1/4“
630	G 1/2“	G 1/8“	24,0	14,0	8,0	27	A		GRI-1/2“-wd x 1/8“
400	G 3/4“	G 3/8“	26,0	16,0	13,0	32	A		GRI-3/4“-wd x 3/8“
400	G 3/4“	G 1/4“	26,0	16,0	12,0	32	A		GRI-3/4“-wd x 1/4“
400	G 3/4“	G 1/8“	26,0	16,0	8,0	32	A		GRI-3/4“-wd x 1/8“
400	G 1“	G 1/2“	29,0	18,0	14,0	41	A		GRI-1“-wd x 1/2“
400	G 1“	G 3/8“	29,0	18,0	12,0	41	A		GRI-1“-wd x 3/8“
400	G 1“	G 1/4“	29,0	18,0	12,0	41	A		GRI-1“-wd x 1/4“
400	G 1 1/4“	G 3/4“	32,0	20,0	16,0	50	A		GRI-1 1/4“-wd x 3/4“
400	G 1 1/4“	G 1/2“	32,0	20,0	14,0	60	A		GRI-1 1/4“-wd x 1/2“
400	G 1 1/4“	G 3/8“	32,0	20,0	17,0	50	A		GRI-1 1/4“-wd x 3/8“
315	G 1 1/2“	G 1“	36,0	22,0	18,0	55	A		GRI-1 1/2“-wd x 1“
315	G 1 1/2“	G 3/4“	36,0	22,0	16,0	55	A		GRI-1 1/2“-wd x 3/4“
315	G 1 1/2“	G 1/2“	36,0	22,0	14,0	55	A		GRI-1 1/2“-wd x 1/2“
250	G 2“	G 1 1/2“	42,0	22,5	18,5	70	A		GRI-2“-wd x 1 1/2“
250	G 2“	G 1 1/4“	42,0	22,5	18,5	70	A		GRI-2“-wd x 1 1/4“
250	G 2“	G 1“	42,0	22,5	18,5	70	A		GRI-2“-wd x 1“
250	G 2“	G 3/4“	42,0	22,5	16,0	70	A		GRI-2“-wd x 3/4“
250	G 2“	G 1/2“	41,5	22,5	16,0	70	A		GRI-2“-wd x 1/2“

GRI - GEWINDE - REDUZIERUNGEN
GRI - REDUCING - BUSH

Form B

Beide Gewinde:
Whitworth-Rohrgewinde - Zylindrisch - DIN / ISO 228
wd = Abdichtung durch Profildichtung - FPM

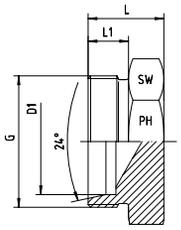
Form B
Both Threads: BSP - Parallel - DIN / ISO 228
wd = Sealing by an Elastomer Profiled Ring - FPM



Druck Pressure	**Außengewinde** Male Thread	**Innengewinde** Female Thread	**Ca. Maße** Approx. Dimensions				**Form** Form	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G**	**G1**	**L**	**L1**	**L2**	**SW**			
630	G 1/8“	G 1/2“	37,0	8,0	20,0	27	B		GRI-1/8“-wd x 1/2“
630	G 1/8“	G 3/8“	32,0	8,0	17,0	24	B		GRI-1/8“-wd x 3/8“
630	G 1/8“	G 1/4“	31,0	8,0	17,0	19	B		GRI-1/8“-wd x 1/4“
400	G 1/4“	G 1“	46,0	12,0	24,5	41	B		GRI-1/4“-wd x 1“
630	G 1/4“	G 3/4“	43,0	12,0	22,0	36	B		GRI-1/4“-wd x 3/4“
630	G 1/4“	G 1/2“	40,0	12,0	20,0	27	B		GRI-1/4“-wd x 1/2“
630	G 1/4“	G 3/8“	36,0	12,0	17,0	24	B		GRI-1/4“-wd x 3/8“
630	G 1/4“	G 1/8“	28,0	12,0	12,0	19	B		GRI-1/4“-wd x 1/8“
400	G 3/8“	G 1“	46,5	12,0	24,5	41	B		GRI-3/8“-wd x 1“
400	G 3/8“	G 3/4“	44,0	12,0	22,0	36	B		GRI-3/8“-wd x 3/4“
630	G 3/8“	G 1/2“	41,0	12,0	20,0	27	B		GRI-3/8“-wd x 1/2“
630	G 3/8“	G 1/4“	36,0	12,0	17,0	22	B		GRI-3/8“-wd x 1/4“
400	G 1/2“	G 1 1/4“	53,0	14,0	26,5	55	B		GRI-1/2“-wd x 1 1/4“
400	G 1/2“	G 1“	49,0	14,0	24,5	41	B		GRI-1/2“-wd x 1“
400	G 1/2“	G 3/4“	46,0	14,0	22,0	36	B		GRI-1/2“-wd x 3/4“
630	G 1/2“	G 3/8“	36,0	14,0	17,0	27	B		GRI-1/2“-wd x 3/8“
315	G 3/4“	G 1 1/2“	57,0	16,0	28,5	60	B		GRI-3/4“-wd x 1 1/2“
400	G 3/4“	G 1 1/4“	55,0	16,0	26,5	55	B		GRI-3/4“-wd x 1 1/4“
400	G 3/4“	G 1“	51,0	16,0	24,5	41	B		GRI-3/4“-wd x 1“
400	G 3/4“	G 1/2“	41,0	16,0	20,0	32	B		GRI-3/4“-wd x 1/2“
315	G 1“	G 1 1/2“	59,0	18,0	28,5	60	B		GRI-1“-wd x 1 1/2“
400	G 1“	G 1 1/4“	57,0	18,0	26,5	55	B		GRI-1“-wd x 1 1/4“
400	G 1“	G 3/4“	47,0	18,0	22,0	41	B		GRI-1“-wd x 3/4“
315	G 1 1/4“	G 1 1/2“	60,0	20,0	28,5	60	B		GRI-1 1/4“-wd x 1 1/2“
400	G 1 1/4“	G 1“	52,0	20,0	24,5	50	B		GRI-1 1/4“-wd x 1“
315	G 1 1/2“	G 1 1/4“	58,0	22,0	26,5	55	B		GRI-1 1/2“-wd x 1 1/4“

Mit 24°-Innenkonus für Rohrenden
Bohrungsform W DIN 3861

With 24°-Cone for Tube Ends
Type of Port End W DIN 3861



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L**	**L1**	**SW**		
500	6	M 12 x 1,5	14,0	10,0	12		XROV-L-06
500	8	M 14 x 1,5	15,0	10,0	14		XROV-L-08
500	10	M 16 x 1,5	16,0	11,0	17		XROV-L-10
400	12	M 18 x 1,5	17,0	11,0	19		XROV-L-12
400	15	M 22 x 1,5	18,0	12,0	24		XROV-L-15
400	18	M 26 x 1,5	19,0	12,0	27		XROV-L-18
250	22	M 30 x 2	21,0	14,0	32		XROV-L-22
250	28	M 36 x 2	22,0	14,0	41		XROV-L-28
250	35	M 45 x 2	25,0	16,0	46		XROV-L-35
250	42	M 52 x 2	27,0	16,0	55		XROV-L-42

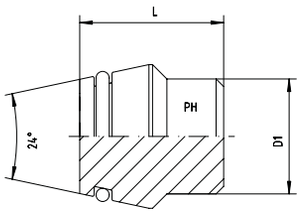
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L**	**L1**	**SW**		
800	6	M 14 x 1,5	18,0	12,0	14		XROV-S-06
800	8	M 16 x 1,5	20,0	12,0	17		XROV-S-08
800	10	M 18 x 1,5	20,0	12,0	19		XROV-S-10
630	12	M 20 x 1,5	22,0	12,0	22		XROV-S-12
630	14	M 22 x 1,5	24,0	14,0	24		XROV-S-14
630	16	M 24 x 1,5	24,0	14,0	27		XROV-S-16
420	20	M 30 x 2	28,0	16,0	32		XROV-S-20
420	25	M 36 x 2	32,0	18,0	41		XROV-S-25
420	30	M 42 x 2	34,0	20,0	46		XROV-S-30
420	38	M 52 x 2	39,0	22,0	55		XROV-S-38

VKA - VERSCHLUSSKEGEL
VKA - BLANKING PLUGS

Mit O-Ring - FPM
Für Bohrungsform W DIN 3861

With O-ring - FPM
For Port End W DIN 3861



Reihe / Series L

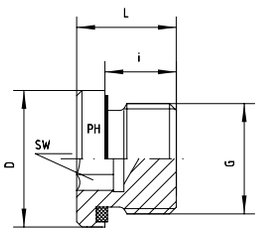
Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions	Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L**		
500	6	19,0		VKA-L-06
500	8	18,5		VKA-L-08
500	10	21,0		VKA-L-10
400	12	19,0		VKA-L-12
400	15	22,0		VKA-L-15
400	18	24,0		VKA-L-18
250	22	25,0		VKA-L-22
250	28	26,0		VKA-L-28
250	35	24,0		VKA-L-35
250	42	27,0		VKA-L-42

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions	Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**L**		
800	6	19,0		VKA-S-06
800	8	18,5		VKA-S-08
800	10	21,0		VKA-S-10
630	12	19,0		VKA-S-12
630	14	23,5		VKA-S-14
630	16	20,0		VKA-S-16
420	20	28,0		VKA-S-20
420	25	28,0		VKA-S-25
420	30	30,5		VKA-S-30
420	38	40,0		VKA-S-38

Verschlussschrauben mit Innensechskant Einschraubgewinde
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Screw plugs with hexagon socket thread
Metric fine thread - cylindrical
wd = sealing by profile seal - FPM

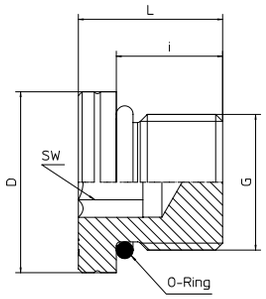


Reihe / Series M

Druck Pressure	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions				**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G**	**D**	**L**	**i**	**SW**		
400	M 8 x 1	12,0	12,0	8,0	4		VST-M 8x1-wd
400	M 10 x 1	14,0	12,0	8,0	5		VST-M 10x1-wd
400	M 12 x 1,5	17,0	17,0	12,0	6		VST-M 12x1,5-wd
400	M 14 x 1,5	19,0	17,0	12,0	6		VST-M 14x1,5-wd
400	M 16 x 1,5	22,0	17,0	12,0	8		VST-M 16x1,5-wd
400	M 18 x 1,5	24,0	17,0	12,0	8		VST-M 18x1,5-wd
400	M 20 x 1,5	26,0	19,0	14,0	10		VST-M 20x1,5-wd
400	M 22 x 1,5	27,0	19,0	14,0	10		VST-M 22x1,5-wd
400	M 26 x 1,5	32,0	21,0	16,0	12		VST-M 26x1,5-wd
400	M 27 x 2	32,0	21,0	16,0	12		VST-M 27x2-wd
400	M 33 x 2	40,0	22,5	16,0	17		VST-M 33x2-wd
315	M 42 x 2	50,0	22,5	16,0	22		VST-M 42x2-wd
315	M 48 x 2	55,0	22,5	16,0	24		VST-M 48x2-wd

Verschlussschrauben mit Innensechskant
Einschraubgewinde: ISO 6149-4
Abdichtung durch FPM Runddichtring (O-Ring) - ISO 6149-4
Achtung: Einschraubloch mit Ansenkung
für O-Ring Abdichtung erforderlich - ISO 6149-1

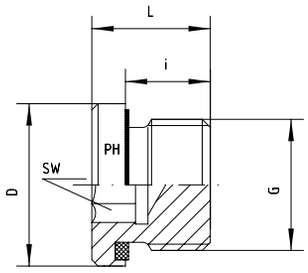
Port plugs with internal hex
Thread: ISO 6149-4
Sealing by FPM O-ring in Thread Undercut - ISO 6149-4
Note: Port with truncated housing
for O-ring seal required - ISO 6149-1



Druck Pressure	Gewinde Thread	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
PN	G	D	L	i	SW			
630	M 8x1	12,0	13,0	9,5	4	6,1 x 1,6		VST-M8x1-OR-IH
630	M 10x1	14,0	13,5	9,5	5	8,1 x 1,6		VST-M10x1-OR-IH
630	M 12x1,5	17,0	15,5	11,0	6	9,3 x 2,2		VST-M12x1,5-OR-IH
630	M 14x1,5	19,0	16,0	11,0	6	11,3 x 2,2		VST-M14x1,5-OR-IH
630	M 16x1,5	22,0	17,5	12,5	8	13,3 x 2,2		VST-M16x1,5-OR-IH
630	M 18x1,5	24,0	19,0	14,0	8	15,3 x 2,2		VST-M18x1,5-OR-IH
630	M 22x1,5	27,0	20,0	15,0	10	17,3 x 2,2		VST-M22x1,5-OR-IH
400	M 27x2	32,0	23,5	18,5	12	19,3 x 2,2		VST-M27x2-OR-IH
400	M 30x2	36,0	24,5	18,5	14	23,6 x 2,9		VST-M30x2-OR-IH
400	M 33x2	41,0	24,5	18,5	14	29,6 x 2,9		VST-M33x2-OR-IH
400	M 42x2	50,0	25,0	19,0	17	38,6 x 2,9		VST-M42x2-OR-IH
400	M 48x2	55,0	27,5	21,5	17	44,6 x 2,9		VST-M48x2-OR-IH
400	M 60x2	65,0	30,0	24,0	19	56,6 x 2,9		VST-M60x2-OR-IH

Verschlussschrauben mit Innensechskant Einschraubgewinde
Withworth - Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

Screw plugs with hexagon socket
Thread: BSP - Parallel
wd = sealing by profile seal - FPM



Reihe / Series R

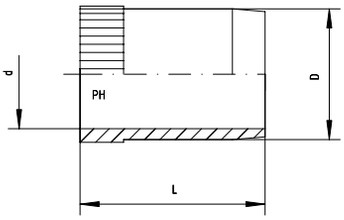
Druck Pressure	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions				**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G**	**D**	**L**	**i**	**SW**		
400	1/8“	14,0	12,0	8,0	5		VST-R 1/8“-wd
400	1/4“	19,0	17,0	12,0	6		VST-R 1/4“-wd
400	3/8“	22,0	17,0	12,0	8		VST-R 3/8“-wd
400	1/2“	27,0	19,0	14,0	10		VST-R 1/2“-wd
400	3/4“	32,0	21,0	16,0	12		VST-R 3/4“-wd
400	1“	40,0	22,5	16,0	17		VST-R 1“-wd
315	1 1/4“	50,0	22,5	16,0	22		VST-R 1 1/4“-wd
315	1 1/2“	55,0	22,5	16,0	24		VST-R 1 1/2“-wd
250	2“	70,0	34,0	24,0	32		VST-R 2“-wd

VSHÜ - VERSTÄRKUNGSHÜLSEN

VSHÜ = TUBE REINFORCING-RINGS

Für dünnwandige Metallrohre
Andere Größen auf Anfrage!

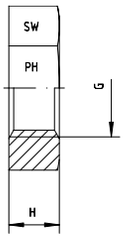
For thin-walled Metal Tubes
Other sizes on request!



Rohr-Innen-durchmesser Tube Inside	**Ca. Maße** Approx. Dimensions			**Bemerkungen** Notes	**Bestellzeichen** Order-Code
	D	**d**	**L**		
4	3,8	2,5	17,0		VSHü-04
5	4,8	3,5	17,0		VSHü-05
6	5,8	4,5	14,0		VSHü-06
7	6,8	5,5	17,0		VSHü-07
8	7,8	6,5	15,5		VSHü-08
9	8,8	7,5	17,0		VSHü-09
10	9,8	8,5	15,5		VSHü-10
11	10,8	9,5	17,0		VSHü-11
12	11,8	10,5	17,0		VSHü-12
13	12,8	11,5	17,0		VSHü-13
14	13,8	12,0	17,0		VSHü-14
15	14,8	13,0	18,0		VSHü-15
16	15,8	14,0	18,0		VSHü-16
17	16,8	15,0	20,0		VSHü-17
18	17,8	16,0	20,0		VSHü-18
19	18,8	17,0	20,0		VSHü-19
20	19,8	18,0	20,0		VSHü-20
21	20,8	19,0	21,5		VSHü-21
22	21,8	20,0	24,0		VSHü-22
23	22,8	21,0	24,0		VSHü-23
24	23,8	22,0	23,5		VSHü-24
25	24,8	23,0	23,5		VSHü-25
26	25,8	24,0	23,5		VSHü-26
30	29,8	27,8	26,5		VSHü-30
31	30,8	28,0	26,5		VSHü-31
32	31,8	29,5	26,5		VSHü-32
33	32,8	30,0	26,5		VSHü-33
38	37,8	35,0	26,5		VSHü-38

Für Schottverschraubungen

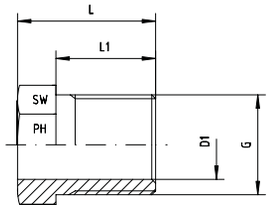
For Bulkhead Couplings



Gewinde Thread	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
G	**H**	**SW**		
M 12 x 1,5 = 06-L	6,0	17		GM-12x1,5
M 14 x 1,5 = 08-L + 06-S	6,0	19		GM-14x1,5
M 16 x 1,5 = 10-L + 08-S	6,0	22		GM-16x1,5
M 18 x 1,5 = 12-L + 10-S	6,0	24		GM-18x1,5
M 20 x 1,5 = 12-S	6,0	27		GM-20x1,5
M 22 x 1,5 = 15-L + 14-S	7,0	30		GM-22x1,5
M 24 x 1,5 = 16-S	7,0	32		GM-24x1,5
M 26 x 1,5 = 18-L	8,0	36		GM-26x1,5
M 30 x 2 = 22-L + 20-S	8,0	41		GM-30x2
M 36 x 2 = 28-L + 25-S	9,0	46		GM-36x2
M 42 x 2 = 30-S	9,0	50		GM-42x2
M 45 x 2 = 35-L	9,0	55		GM-45x2
M 52 x 2 = 42-L + 38-S	10,0	65		GM-52x2

Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch

Thread: Metric - Parallel



Reihe / Series LL

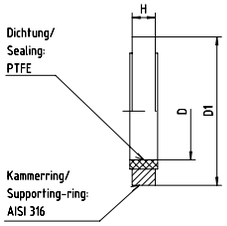
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions			DIN 3871 DIN 3871	Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1 + Tol.**	**G**	**L**	**L1**	**SW**			
100	4	M 8 x 1	12,0	8,0	8	ALL 4		ÜWS-M 8x1
100	6	M 10 x 1	13,0	9,0	10	ALL 6		ÜWS-M 10x1
100	8	M 12 x 1	14,0	9,5	12	ALL 8		ÜWS-M 12x1

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions			DIN 3871 DIN 3871	Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1 + Tol.**	**G**	**L**	**L1**	**SW**			
250	6	M 12 x 1,5	16,0	11,5	12	AL 6		ÜWS-M 12x1,5
250	8	M 14 x 1,5	16,0	11,5	14	AL 8		ÜWS-M 14x1,5
250	10	M 16 x 1,5	17,0	11,5	17	AL 10		ÜWS-M 16x1,5
250	12	M 18 x 1,5	18,0	12,0	19	AL 12		ÜWS-M 18x1,5

Für Schwenkverschraubungen WHV / THV
Für Einschraublöcher mit breiter Ausdrehung

For Banjo Couplings WHV / THV
For wide Spot Faces of Ports

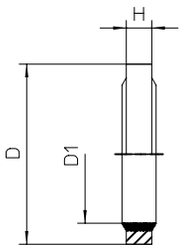


Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
	D	D1	H		
G 1/8“	10,0	17,0	2,5		KDR-1/8“
G 1/4“	13,5	22,0	3,0		KDR-1/4“
G 3/8“	17,1	27,0	3,0		KDR-3/8“
G 1/2“	21,4	32,0	4,5		KDR-1/2“
G 3/4“	26,8	41,0	3,5		KDR-3/4“
G 1“	33,5	46,0	3,5		KDR-1“
G 1 1/4“	42,4	57,0	3,5		KDR-1 1/4“
G 1 1/2“	48,4	64,0	3,5		KDR-1 1/2“

Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
	D	D1	H		
M 10 x 1	10,3	17,0	2,5		KDR-10x1
M 12 x 1,5	12,3	22,0	3,0		KDR-12x1,5
M 14 x 1,5	14,3	22,5	3,0		KDR-14x1,5
M 16 x 1,5	16,4	27,0	3,0		KDR-16x1,5
M 18 x 1,5	18,4	29,0	3,0		KDR-18x1,5
M 20 x 1,5	20,4	32,0	3,0		KDR-20x1,5
M 22 x 1,5	22,4	32,0	4,5		KDR-22x1,5
M 26 x 1,5	26,4	41,0	3,5		KDR-26x1,5
M 27 x 2	27,4	41,0	3,5		KDR-27x2
M 33 x 2	33,5	46,0	3,5		KDR-33x2
M 42 x 2	42,4	57,0	3,5		KDR-42x2
M 48 x 2	48,4	64,0	3,5		KDR-48x2

Für Einschraubgewinde bzw. für Einschraublöcher mit breiter oder schmaler Ausdrehung
V = FPM
P = Perbunan

For Port Threads or for wide and small Spot Faces of Ports
V = FPM
P = Perbunan

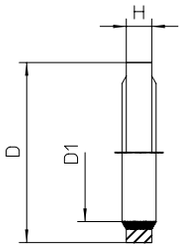


Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
	D	D1	H		
G 1/8“	15,9	10,4	2,0		KDW-1/8“-V
G 1/4“	20,6	13,7	2,0		KDW-1/4“-V
G 3/8“	23,8	17,3	2,0		KDW-3/8“-V
G 1/2“	23,8	21,5	2,0		KDW-1/2“-V
G 3/4“	34,9	27,1	2,5		KDW-3/4“-V
G 1“	42,8	33,7	2,5		KDW-1“-V
G 1 1/4“	52,4	42,9	2,5		KDW-1 1/4“-V
G 1 1/2“	58,6	48,4	2,5		KDW-1 1/2“-V

Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
	D	D1	H		
G 1/8“	15,9	10,4	2,0		KDW-1/8“-P
G 1/4“	20,6	13,7	2,0		KDW-1/4“-P
G 3/8“	23,8	17,3	2,0		KDW-3/8“-P
G 1/2“	23,8	21,5	2,0		KDW-1/2“-P
G 3/4“	34,9	27,1	2,5		KDW-3/4“-P
G 1“	42,8	33,7	2,5		KDW-1“-P
G 1 1/4“	52,4	42,9	2,5		KDW-1 1/4“-P
G 1 1/2“	58,6	48,4	2,5		KDW-1 1/2“-P

Für Einschraubgewinde bzw. für Einschraublöcher mit breiter oder schmaler Ausdrehung
V = FPM
P = Perbunan

For Port Threads or for wide and small Spot Faces of Ports
V = FPM
P = Perbunan



Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
	D	D1	H		
M 10 x 1	17,0	10,7	1,5		KDW-10x1-V
M 12 x 1,5	19,0	12,7	1,5		KDW-12x1,5-V
M 14 x 1,5	22,0	14,7	1,5		KDW-14x1,5-V
M 16 x 1,5	24,0	16,7	1,5		KDW-16x1,5-V
M 18 x 1,5	26,0	18,7	1,5		KDW-18x1,5-V
M 22 x 1,5	30,0	22,7	2,0		KDW-22x1,5-V
M 26 x 1,5	35,0	26,7	2,0		KDW-26x1,5-V
M 27 x 2	36,0	27,7	2,0		KDW-27x2-V
M 33 x 2	42,0	33,7	2,0		KDW-33x2-V
M 42 x 2	53,0	42,7	3,0		KDW-42x2-V
M 48 x 2	59,0	48,7	3,0		KDW-48x2-V

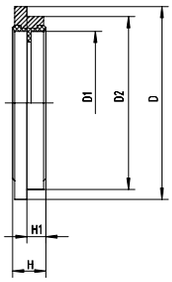
Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
	D	D1	H		
M 10 x 1	17,0	10,7	1,5		KDW-10x1-P
M 12 x 1,5	19,0	12,7	1,5		KDW-12x1,5-P
M 14 x 1,5	22,0	14,7	1,5		KDW-14x1,5-P
M 16 x 1,5	24,0	16,7	1,5		KDW-16x1,5-P
M 18 x 1,5	26,0	18,7	1,5		KDW-18x1,5-P
M 22 x 1,5	30,0	22,7	2,0		KDW-22x1,5-P
M 26 x 1,5	35,0	26,7	2,0		KDW-26x1,5-P
M 27 x 2	36,0	27,7	2,0		KDW-27x2-P
M 33 x 2	42,0	33,7	2,0		KDW-33x2-P
M 42 x 2	53,0	42,7	3,0		KDW-42x2-P
M 48 x 2	59,0	48,7	3,0		KDW-48x2-P

WDS - WEICHDICHTRINGE

WDS - SOFT - SEAL - RINGS

Für Schwenkverschraubungen WHV / THV
Für Einschraublöcher mit breiter oder schmaler Ausdrehung
FPM-Dichtung

For Banjo Couplings WHV / THV
For wide and small Spot Faces of Ports
FPM - Seal

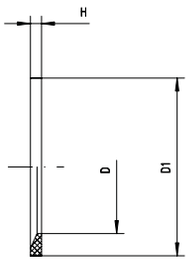


Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
	D	D1	D2	H	H1		
G 1/8“	16,0	10,3	14,9	2,5	1,1		WDS-G 1/8“
G 1/4“	20,0	14,3	18,9	3,0	1,6		WDS-G 1/4“
G 3/8“	24,0	17,0	21,9	3,0	2,1		WDS-G 3/8“
G 1/2“	30,0	22,3	26,9	4,5	2,6		WDS-G 1/2“
G 3/4“	38,0	27,3	32,9	3,5	2,6		WDS-G 3/4“
G 1“	42,0	33,6	39,9	3,5	2,6		WDS-G 1“
G 1 1/4“	49,9	42,4	49,9	3,5			WDS-G 1 1/4“
G 1 1/2“	60,0	48,4	55,9	3,5	2,6		WDS-G 1 1/2“

Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
	D	D1	D2	H	H1		
M 10 x 1	16,0	10,3	14,9	2,5	1,1		WDS-10x1
M 12 x 1,5	18,0	12,3	17,0	3,0	1,6		WDS-12x1,5
M 14 x 1,5	20,0	14,3	18,9	3,0	1,6		WDS-14x1,5
M 16 x 1,5	24,0	17,0	21,9	3,0	2,1		WDS-16x1,5
M 18 x 1,5	23,9	18,3	23,9	3,0			WDS-18x1,5
M 20 x 1,5	30,0	22,3	26,9	4,5	2,6		WDS-20x1,5
M 22 x 1,5	35,0	26,3	31,9	3,5	2,6		WDS-22x1,5
M 26 x 1,5	38,0	27,3	32,9	3,5	2,6		WDS-26x1,5
M 27 x 2	42,0	33,6	39,9	3,5	2,6		WDS-27x2
M 33 x 2	49,9	42,4	49,9	3,5			WDS-33x2
M 42 x 2	60,0	48,4	55,9	3,5	2,6		WDS-42x2

Nach DIN 3869 | ISO 9974-2 | ISO 1179-2
Aus FPM
-20°C bis +200°C
Auch erhältlich in:
· NBR
· EPDM

To DIN 3869 | ISO 9974-2 | ISO 1179-2
FPM
-20°C to +200°C
Also available in:
· NBR
· EPDM

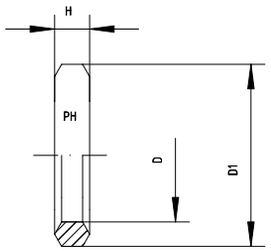


Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
	D	D1	H		
G 1/8“	8,4	11,9	1,0		WD-G 1/8“
G 1/4“	11,6	16,5	1,5		WD-G 1/4“
G 3/8“	14,7	18,9	1,5		WD-G 3/8“
G 1/2“	18,5	23,9	1,5		WD-G 1/2“
G 3/4“	23,9	29,2	1,5		WD-G 3/4“
G 1“	29,7	35,7	2,0		WD-G 1“
G 1 1/4“	38,8	45,8	2,0		WD-G 1 1/4“
G 1 1/2“	44,7	50,7	2,0		WD-G 1 1/2“
G 2“	56,5	66,5	4,0		WD-G 2“

Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
	D	D1	H		
M 8 x 1	6,5	9,9	1,0		WD-8x1
M 10 x 1	8,4	11,9	1,0		WD-10x1
M 12 x 1,5	9,8	14,4	1,5		WD-12x1,5
M 14 x 1,5	11,6	16,5	1,5		WD-14x1,5
M 16 x 1,5	13,8	18,9	1,5		WD-16x1,5
M 18 x 1,5	15,7	20,9	1,5		WD-18x1,5
M 20 x 1,5	17,8	22,9	1,5		WD-20x1,5
M 22 x 1,5	19,6	24,3	1,5		WD-22x1,5
M 26 x 1,5	23,9	29,2	1,5		WD-26x1,5
M 27 x 2	23,9	29,2	1,5		WD-27x2
M 33 x 2	29,7	35,7	2,0		WD-33x2
M 42 x 2	38,8	45,8	2,0		WD-42x2
M 48 x 2	44,7	50,7	2,0		WD-48x2

Für Schwenkverschraubungen WHV / THV
Mit Außengewinde

For Banjo Couplings WHV / THV
With External Thread

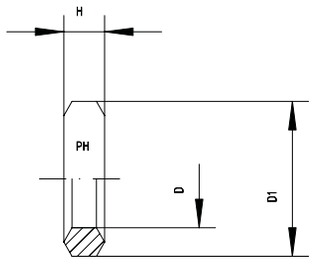


Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
	D	D1	H		
G 1/8“	9,8	14,0	2,5		DKR-G 1/8“
G 1/4“	13,3	18,0	3,0		DKR-G 1/4“
G 3/8“	16,8	22,0	3,0		DKR-G 3/8“
G 1/2“	21,1	26,0	4,5		DKR-G 1/2“
G 3/4“	27,1	32,0	4,0		DKR-G 3/4“
G 1“	33,4	39,0	4,0		DKR-G 1“
G 1 1/4“	42,1	49,0	4,0		DKR-G 1 1/4“
G 1 1/2“	48,1	55,0	4,0		DKR-G 1 1/2“

Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
	D	D1	H		
M 10 x 1	10,0	14,0	2,5		DKR-M 10x1
M 12 x 1,5	12,1	17,0	3,0		DKR-M 12x1,5
M 14 x 1,5	14,1	19,0	3,0		DKR-M 14x1,5
M 16 x 1,5	16,1	21,0	3,0		DKR-M 16x1,5
M 18 x 1,5	18,1	23,0	3,0		DKR-M 18x1,5
M 20 x 1,5	20,1	25,0	3,0		DKR-M 20x1,5
M 22 x 1,5	22,1	27,0	3,0		DKR-M 22x1,5
M 26 x 1,5	26,1	31,0	3,0		DKR-M 26x1,5
M 27 x 2	27,1	32,0	4,0		DKR-M 27x2
M 33 x 2	33,1	39,0	4,0		DKR-M 33x2
M 42 x 2	42,1	49,0	4,0		DKR-M 42x2
M 48 x 2	48,1	55,0	4,0		DKR-M 48x2

Für Innengewinde

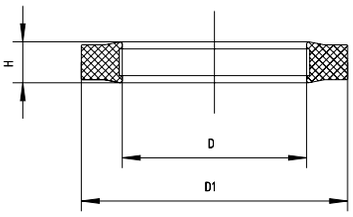
For Internal Thread



Gewinde Thread	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
	D	D1	H		
G 1/4“	6,0	11,3	4,5		DKRi-G 1/4“
G 3/8“	9,4	14,5	4,5		DKRi-G 3/8“
G 1/2“	12,0	18,5	5,0		DKRi-G 1/2“
M 18 x 1,5					DKRi-M 18x1,5
M 20 x 1,5	12,0	17,5	5,0		DKRi-M 20x1,5

Aus Polyurethane
- 40°C bis + 100°C
Für Flansch SAE J 518 / ISO 6162

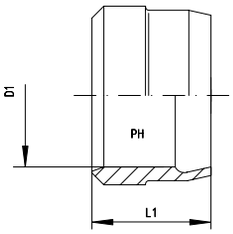
Made from Polyurethane
-40°C to +100°C
For Flange SAE J 518 / ISO 6162



Druck Pressure	Flanschgröße Flange Dimensions	Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**3000 + 6000 P.S.I.**	**D**	**D1**	**H**		
420	1/2“	17,0	25,4	3,5		PU-1/2“
420	3/4“	23,4	31,8	3,5		PU-3/4“
420	1“	31,3	39,7	3,5		PU-1“
420	1 1/4“	36,1	44,5	3,5		PU-1 1/4“
420	1 1/2“	45,4	53,8	3,5		PU-1 1/2“
420	2“	55,0	63,4	3,5		PU-2“

Standard-Ausführung-Carbonitriert
Die Typen LL sind Einkanten-Schneidringe.

Standard-Version-Carbonized
The Types LL are One-Bite Cutting Rings.



Reihe / Series LL

Rohr A.D. Tube O.D.	**Ca. Maße** Approx. Dimensions	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
D1	**L1**		
4	6,0		SR-LL-04/1 K
6	7,0		SR-LL-06/1 K
8	7,0		SR-LL-08/1 K
12	7,5		SR-LL-12/1 K

Reihe / Series L

Rohr A.D. Tube O.D.	**Ca. Maße** Approx. Dimensions	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
D1	**L1**		
6	9,0		SR-L-06/2 K
8	9,5		SR-L-08/2 K
10	9,5		SR-L-10/2 K
12	10,1		SR-L-12/2 K
15	9,8		SR-L-15/2 K
18	10,2		SR-L-18/2 K
22	10,6		SR-L-22/2 K
28	11,5		SR-L-28/2 K
35	13,5		SR-L-35/2 K
42	13,0		SR-L-42/2 K

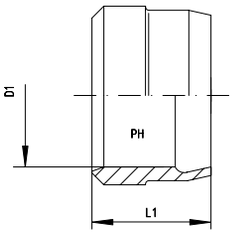
Reihe / Series S

Rohr A.D. Tube O.D.	**Ca. Maße** Approx. Dimensions	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
D1	**L1**		
6	9,0		SR-S-06/2 K
8	9,5		SR-S-08/2 K
10	9,5		SR-S-10/2 K
12	10,1		SR-S-12/2 K
14	9,5		SR-S-14/2 K
16	9,8		SR-S-16/2 K
20	12,7		SR-S-20/2 K
25	12,7		SR-S-25/2 K
30	13,0		SR-S-30/2 K
38	13,1		SR-S-38/2 K

ZWEIKANTEN - SCHNEIDRINGE

Gehärtet (in SPH-Ausführung)
Spezialhärteverfahren zum Erhalt der für Edelstahl typischen Optik, Korrosions- und Medienbeständigkeit, gleichzeitig wird der Widerstand gegen Kaltverschweißung erhöht.
Die Typen LL sind Einkanten-Schneidringe.

Hardened (in SPH finish)
Special hardness treatment to retain the typical Stainless Steel appearance, corrosion and chemical resistance, increasing of colt-shut resistance
at the same time.
The types LL are One-Bite Cutting Rings.



Reihe / Series LL

Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
D1	**L1**		
4	6,0		SR-LL-04/1 K-SPH
6	7,0		SR-LL-06/1 K-SPH
8	7,0		SR-LL-08/1 K-SPH

Reihe / Series L

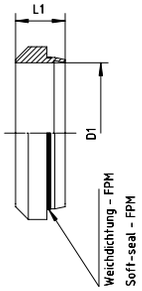
Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
D1	**L1**		
6	9,0		SR-L-06/2 K-SPH
8	9,5		SR-L-08/2 K-SPH
10	9,5		SR-L-10/2 K-SPH
12	10,1		SR-L-12/2 K-SPH
15	9,8		SR-L-15/2 K-SPH
18	10,2		SR-L-18/2 K-SPH
22	10,6		SR-L-22/2 K-SPH
28	11,5		SR-L-28/2 K-SPH
35	13,5		SR-L-35/2 K-SPH
42	13,0		SR-L-42/2 K-SPH

Reihe / Series S

Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
D1	**L1**		
6	9,0		SR-S-06/2 K-SPH
8	9,5		SR-S-08/2 K-SPH
10	9,5		SR-S-10/2 K-SPH
12	10,1		SR-S-12/2 K-SPH
14	9,5		SR-S-14/2 K-SPH
16	9,8		SR-S-16/2 K-SPH
20	12,7		SR-S-20/2 K-SPH
25	12,7		SR-S-25/2 K-SPH
30	13,0		SR-S-30/2 K-SPH
38	13,1		SR-S-38/2 K-SPH

Gehärtet (in SPH-Ausführung)
Spezialhärteverfahren zum Erhalt der für Edelstahl typischen Optik, Korrosions- und Medienbeständigkeit, gleichzeitig wird der Widerstand gegen Kaltverschweißung erhöht.
Vom normalen Rabatt ausgeschlossen!

Hardened (in SPH finish)
Special hardness treatment to retain the typical Stainless Steel appearance, corrosion and resistance, increasing of colt-shut resistance at the same time.
Excluding the ordinary discount!



Reihe / Series L

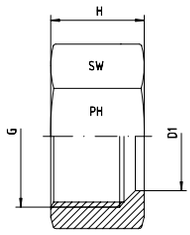
Druck Pressure	**Rohr A.D.** Tube O.D.	**Ca. Maße** Approx. Dimensions	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**D1**	**L1**		
500	6	8,8		ES4-L-06-wd
500	8	8,8		ES4-L-08-wd
500	10	9,8		ES4-L-10-wd
400	12	9,8		ES4-L-12-wd
400	15	10,2		ES4-L-15-wd
400	18	10,2		ES4-L-18-wd
250	22	11,5		ES4-L-22-wd
250	28	11,5		ES4-L-28-wd
250	35	13,5		ES4-L-35-wd
250	42	13,5		ES4-L-42-wd

Reihe / Series S

Druck Pressure	**Rohr A.D.** Tube O.D.	**Ca. Maße** Approx. Dimensions	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**D1**	**L1**		
800	6	8,8		ES4-S-06-wd
800	8	8,8		ES4-S-08-wd
800	10	9,8		ES4-S-10-wd
630	12	9,8		ES4-S-12-wd
630	14	10,2		ES4-S-14-wd
630	16	10,2		ES4-S-16-wd
420	20	12,5		ES4-S-20-wd
420	25	12,5		ES4-S-25-wd
420	30	13,5		ES4-S-30-wd
420	38	13,5		ES4-S-38-wd

DIN 3870 + DIN EN ISO 8434-1
Für Schneidringanschluss

DIN 3870 + DIN EN ISO 8434-1
For Cutting Ring Connection



Reihe / Series LL

Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions		DIN 3861 DIN 3861	ISO 8434-1 ISO 8434-1	Bemerkungen Notes	Bestellzeichen Order-Code
D1	**G**	**H**	**SW**				
4	M 8 x 1	11,0	10	ALL 4			ÜWM-LL-04
6	M 10 x 1	12,0	12	ALL 6			ÜWM-LL-06
8	M 12 x 1	12,5	14	ALL 8			ÜWM-LL-08
12	M 16 x 1	13,0	19	ALL 12			ÜWM-LL-12

Reihe / Series L

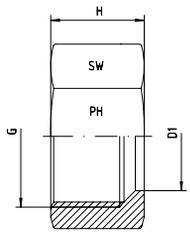
Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions		DIN 3861 DIN 3861	ISO 8434-1 ISO 8434-1	Bemerkungen Notes	Bestellzeichen Order-Code
D1	**G**	**H**	**SW**				
6	M 12 x 1,5	14,5	14		N-L 6		ÜWM-L-06
8	M 14 x 1,5	14,5	17		N-L 8		ÜWM-L-08
10	M 16 x 1,5	15,5	19		N-L 10		ÜWM-L-10
12	M 18 x 1,5	15,5	22		N-L 12		ÜWM-L-12
15	M 22 x 1,5	17,0	27		N-L 15		ÜWM-L-15
18	M 26 x 1,5	18,0	32		N-L 18		ÜWM-L-18
22	M 30 x 2	20,0	36		N-L 22		ÜWM-L-22
28	M 36 x 2	21,0	41		N-L 28		ÜWM-L-28
35	M 45 x 2	24,0	50		N-L 35		ÜWM-L-35
42	M 52 x 2	24,0	60		N-L 42		ÜWM-L-42

Reihe / Series S

Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions		DIN 3861 DIN 3861	ISO 8434-1 ISO 8434-1	Bemerkungen Notes	Bestellzeichen Order-Code
D1	**G**	**H**	**SW**				
6	M 14 x 1,5	16,5	17		N-S 6		ÜWM-S-06
8	M 16 x 1,5	16,5	19		N-S 8		ÜWM-S-08
10	M 18 x 1,5	17,5	22		N-S 10		ÜWM-S-10
12	M 20 x 1,5	17,5	24		N-S 12		ÜWM-S-12
14	M 22 x 1,5	20,5	27		N-S 14		ÜWM-S-14
16	M 24 x 1,5	20,5	30		N-S 16		ÜWM-S-16
20	M 30 x 2	24,0	36		N-S 20		ÜWM-S-20
25	M 36 x 2	27,0	46		N-S 25		ÜWM-S-25
30	M 42 x 2	29,0	50		N-S 30		ÜWM-S-30
38	M 52 x 2	32,5	60		N-S 38		ÜWM-S-38
50	M 68 x 2	38,0	80				ÜWM-S-50

DIN 3870 + DIN EN ISO 8434-1
Für Schneidringanschluss
Spezielle Gleitbeschichtung zur Reduzierung der Anzugsdrehmomente um bis zu 40 %, gleichzeitig wird das edelstahltypische Kaltverschweißen
verhindert. Überwurfmuttern bis Größe 12-L sind gleitbeschichtet, ab Größe 12-S sind die Gewinde versilbert.

DIN 3870 + DIN EN ISO 8434-1
For Cutting Ring Connection
Special plating to reduce friction and assembly torque up to 40 %, avoid of Stainless Steel typical cold-shut effect at the same time. Tube nuts until size 12-L
are chemical plated, from size 12-S the threats
are silver plated.



Reihe / Series L

Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions		ISO 8434-1 ISO 8434-1	Bemerkungen Notes	Bestellzeichen Order-Code
D1	**G**	**H**	**SW**			
6	M 12 x 1,5	14,5	14	N-L 6		ÜWM-L-06-SC
8	M 14 x 1,5	14,5	17	N-L 8		ÜWM-L-08-SC
10	M 16 x 1,5	15,5	19	N-L 10		ÜWM-L-10-SC
12	M 18 x 1,5	15,5	22	N-L 12		ÜWM-L-12-SC
15	M 22 x 1,5	17,0	27	N-L 15		ÜWM-L-15-SC
18	M 26 x 1,5	18,0	32	N-L 18		ÜWM-L-18-SC
22	M 30 x 2	20,0	36	N-L 22		ÜWM-L-22-SC
28	M 36 x 2	21,0	41	N-L 28		ÜWM-L-28-SC
35	M 45 x 2	24,0	50	N-L 35		ÜWM-L-35-SC
42	M 52 x 2	24,0	60	N-L 42		ÜWM-L-42-SC

Reihe / Series S

Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions		ISO 8434-1 ISO 8434-1	Bemerkungen Notes	Bestellzeichen Order-Code
D1	**G**	**H**	**SW**			
6	M 14 x 1,5	16,5	17	N-S 6		ÜWM-S-06-SC
8	M 16 x 1,5	16,5	19	N-S 8		ÜWM-S-08-SC
10	M 18 x 1,5	17,5	22	N-S 10		ÜWM-S-10-SC
12	M 20 x 1,5	17,5	24	N-S 12		ÜWM-S-12-SC
14	M 22 x 1,5	20,5	27	N-S 14		ÜWM-S-14-SC
16	M 24 x 1,5	20,5	30	N-S 16		ÜWM-S-16-SC
20	M 30 x 2	24,0	36	N-S 20		ÜWM-S-20-SC
25	M 36 x 2	27,0	46	N-S 25		ÜWM-S-25-SC
30	M 42 x 2	29,0	50	N-S 30		ÜWM-S-30-SC
38	M 52 x 2	32,5	60	N-S 38		ÜWM-S-38-SC
50	M 68 x 2	38,0	80			ÜWM-S-50-SC

Dichtkegel-Verschraubungen mit 24°-Kegel und O-Ring – FPM

Cone Sealing Couplings with 24°-Cone and O-ring – FPM

9

9

DICHTKEGEL-VERSCHRAUBUNGEN MIT 24°-KEGEL UND O-RING - FPM - DIN EN ISO 8434-1

CONE SEALING COUPLINGS WITH 24°-CONE AND O-RING - FPM - DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page
Allgemeine Informationen	**General information**	
Montageanleitung	**Assembly Instruction**	9.4-9.5
O-Ringe für Dichtkegel - Verschraubungen	**Soft - Seals for Cone - Sealing - Couplings**	9.6
GV - Gerade - Verschraubungen	**GV - Staright - Swivel - Unions**	
GV - DKO - DKO	GV - DKO - DKO	9.7
GVR - Gerade - Reduzierungen	**GVR - Straight - Swifel - Reducers**	
GVR - DKO - L - DKO - L	GVR - DKO - L - DKO - L	9.8
GVR - DKO - S - DKO - S	GVR - DKO - S - DKO - S	9.9
GVR - DKO - L - DKO - S	GVR - DKO - L - DKO - S	9.10
EW - Einstellbare - Winkel - Verschraubungen	**EW - Adjustable - Elbows**	
EW - Standard	EW - Standard	9.11
EW - SC	EW - SC	9.12
EW - OMD	EW - OMD	9.13
EW - Whitworth - Zylindrisch - Standard	EW - BSP - Parallel - Standard	9.14
EW - Whitworth - Zylindrisch - SC	EW - BSP - Parallel - SC	9.15
EW - Whitworth - Zylindrisch - OMD	EW - BSP - Parallel - OMD	9.16
EW - Metrisch Feingewinde - Zyl. - Standard	EW - Metric - Standard	9.17
EW - Metrisch Feingewinde - Zyl. - SC	EW - Metric - Standard	9.18
EW - Metrisch Feingewinde - Zyl. - OMD	EW - Metric - OMD	9.19
EV - Einstellbare - 45° - Winkel - Verschraubungen	**EV - Adjustable - 45° - Elbows**	
EV - L- und S-Reihe - Standard	EV - L- and S-Series - Standard	9.20
EV - L- und S-Reihe - SC	EV - L- and S-Series - SC	9.21
EV - L- und S-Reihe - OMD	EV - L- and S-Series - OMD	9.22

Standard = Überwurfmutter blank / Tube nuts are supplied unplated
SC = Überwurfmutter bis Größe 12-S ist gleitbeschichtet / Tube nuts until size 12-L are supplied chemical plated
= Überwurfmutter ab Größe 12-S ist mit versilbertem Gewinde / Tube nuts from size 12-S are supplied with silver plated thread
OMD = Verschraubung ohne Überwurfmutter und Schneidring am Außengewinde / Couplings are supplied without nut and cutting ring at male thread

DICHTKEGEL-VERSCHRAUBUNGEN MIT 24°-KEGEL UND O-RING - FPM - DIN EN ISO 8434-1

CONE SEALING COUPLINGS WITH 24°-CONE AND O-RING - FPM - DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page
ET - Einstellbare - T - Verschraubungen	**ET - Adjustable - Branch - TEES**	
ET - Standard	ET - Standard	9.23
ET - SC	ET - SC	9.24
ET - OMD	ET - OMD	9.25
ET - Whitworth - Zylindrisch - Standard	ET - BSP - Parallel - Standard	9.26
ET - Whitworth - Zylindrisch - SC	ET - BSP - Parallel - SC	9.27
ET - Whitworth - Zylindrisch - OMD	ET - BSP - Parallel - OMD	9.28
ET - Metrisch Feingewinde - Zylindrisch - Standard	ET - Metric - Standard	9.29
ET - Metrisch Feingewinde - Zylindrisch - SC	ET - Metric - SC	9.30
ET - Metrisch Feingewinde - Zylindrisch - OMD	ET - Metric - OMD	9.31
EL - Einstellbare - L- Verschraubungen	**EL - Adjustable - Run - TEES**	
EL - Standard	EL - Standard	9.32
EL - SC	EL - SC	9.33
EL - OMD	EL - OMD	9.34
EL - Whitworth - Zylindrisch - Standard	EL - BSP - Parallel - Standard	9.35
EL - Whitworth - Zylindrisch - SC	EL - BSP - Parallel - SC	9.36
EL - Whitworth - Zylindrisch - OMD	EL - BSP - Parallel - OMD	9.37
EL - Metr. Feingewinde - Zylindrisch - Standard	EL - Metric - Standard	9.38
EL - Metr. Feingewinde - Zylindrisch - SC	EL - Metric - SC	9.39
EL - Metr. Feingewinde - Zylindrisch - OMD	EL - Metric - OMD	9.40
RED - Reduzier - Verschraubungen	**RED - Reducing - Couplings**	
RED - DKOL - Standard	RED - DKOL - Standard	9.41
RED - DKOL - SC	RED - DKOL - SC	9.42
RED - DKOL - OMD	RED - DKOL - OMD	9.43
RED - DKOS - Standard	RED - DKOS - Standard	9.44
RED - DKOS - SC	RED - DKOS - SC	9.45
RED - DKOS - OMD	RED - DKOS - OMD	9.46
EGE - Gerade - Einschraubstutzen	**EGE - Swivel - Female- Male - Connectors**	
EGE - Metrisch - Zylindrisch	EGE - Metric - Parallel	9.47
EGE - Whitworth - Zylindrisch	EGE - BSP - Parallel	9.48
EGE - NPT	EGE - NPT	9.50

Standard = Überwurfmutter blank / Tube nuts are supplied unplated
SC = Überwurfmutter bis Größe 12-S ist gleitbeschichtet / Tube nuts until size 12-L are supplied chemical plated
= Überwurfmutter ab Größe 12-S ist mit versilbertem Gewinde / Tube nuts from size 12-S are supplied with silver plated thread
OMD = Verschraubung ohne Überwurfmutter und Schneidring am Außengewinde / Couplings are supplied without nut and cutting ring at male thread

DICHTKEGEL-VERSCHRAUBUNGEN MIT 24°-KEGEL UND O-RING - FPM - DIN EN ISO 8434-1

CONE SEALING COUPLINGS WITH 24°-CONE AND O-RING - FPM - DIN EN ISO 8434-1

Produktgruppen	Product-Groups	Seite / Page	
MVE - Einstellbare - Manometer - Verschraubungen	**MVE - Swivel - Pressure - Gauge - Connectors**		
MVE - DKOL	MVE - DKOL	9.51	
DA - Distanzadapter L- und S-Reihe	**DA - Distance - Adaptors - L- and S-Series**		
DA - DKO - Standard	DA - DKO - Standard	9.52	
DA - DKO - SC	DA - DKO - SC	9.53	
DA - DKO - OMD	DA - DKO - OMD	9.54	

Standard = Überwurfmutter blank / Tube nuts are supplied unplated
SC = Überwurfmutter bis Größe 12-S ist gleitbeschichtet / Tube nuts until size 12-L are supplied chemical plated
= Überwurfmutter ab Größe 12-S ist mit versilbertem Gewinde / Tube nuts from size 12-S are supplied with silver plated thread
OMD = Verschraubung ohne Überwurfmutter und Schneidring am Außengewinde / Couplings are supplied without nut and cutting ring at male thread

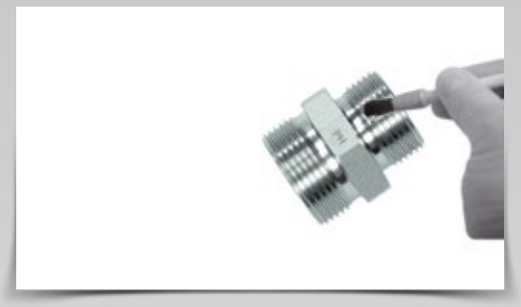
Mit 24°-Kegel und O-Ring - FPM - DIN EN ISO 8434-1

1.

PH Dichtkegel-Verschraubungen müssen im dazugehörigen Verschraubungskörper endmontiert werden.

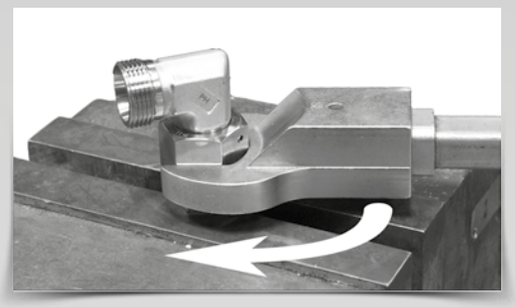
2.

Bei Edelstahl-Verschraubungen müssen die Gewinde geschmiert werden.
Es handelt sich hierbei um spezielle Schmierstoffe für Edelstahl-Verschraubungen (siehe Kapitel 12).



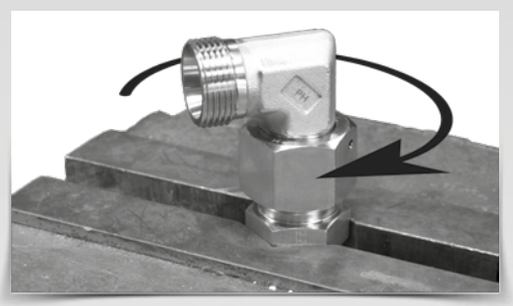
3.

Überwurfmutter von Hand bis zum fühlbaren Anschlag aufschrauben.



4.

Danach mit einer 1/4 Umdrehung festziehen (1 1/2 Schlüsselflächen).



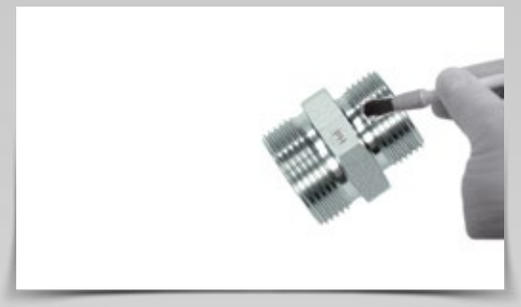
With 24°-Cone and O-ring - FPM - DIN EN ISO 8434-1

1.

PH cone sealing couplings must be pre-assembled in the associated body.

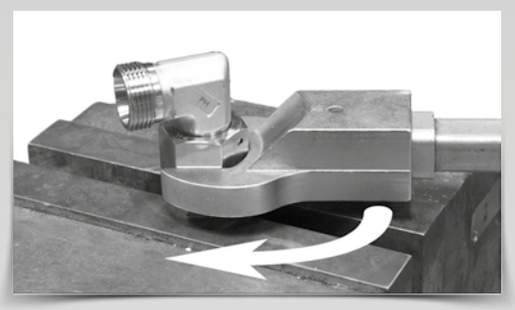
2.

Stainless steel fittings must be lubricated at the thread.
These are special lubricants for stainless steel fittings (see chapter 12).



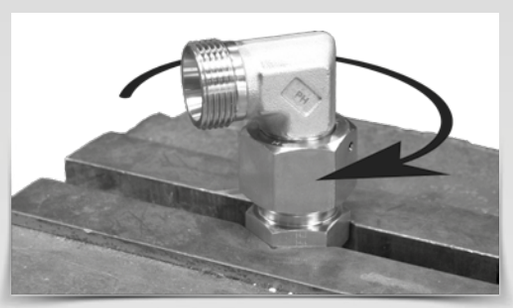
3.

Screw the nut by hand onto the body until stop is felt.



4.

Then tighten it with a 1/4 turn (1 1/2 spanner flat).

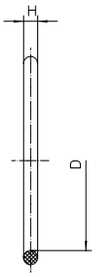


O-RINGE FÜR DICHTKEGEL - VERSCHRAUBUNGEN

SOFT - SEALS FOR CONE - SEALING - COUPLINGS

O-Ringe für Verschraubungen mit Dichtkegel
Material: FPM
Für Verschraubungen Typ: DA / EGE / EL / ET / EV / EW / GVO / MVE / RED
Auf Anfrage: NBR / EPDM

O-rings for taper couplings
Material: FPM
For Couplings typ: DA / EGE / EL / ET / EV / EW / GVO / MVE / RED
On Request: NBR / EPDM

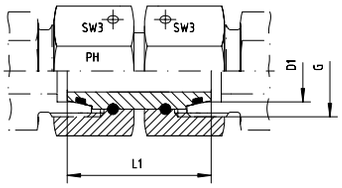


Reihe L Series L	**D**	**H**	**Bemerkungen** Notes
DKOL-06	4,5	1,3	
DKOL-08	6,0	1,5	
DKOL-10	8,0	1,5	
DKOL-12	10,0	1,5	
DKOL-15	12,0	2,0	
DKOL-18	15,0	2,0	
DKOL-22	20,0	2,0	
DKOL-28	25,0	2,0	
DKOL-35	32,0	2,5	
DKOL-42	38,0	2,5	

Reihe S Series S	**D**	**H**	**Bemerkungen** Notes
DKOS-06	4,5	1,3	
DKOS-08	6,0	1,5	
DKOS-10	8,0	1,5	
DKOS-12	10,0	1,5	
DKOS-14	12,0	2,0	
DKOS-16	13,0	2,0	
DKOS-20	16,3	2,4	
DKOS-25	21,3	2,4	
DKOS-30	25,3	2,4	
DKOS-38	33,3	2,4	

Mit Dichtkegel und O-Ring - FPM
Passend in Bohrungsform W DIN 3861

With Taper and O-ring - FPM
For Type of Port End W DIN 3861



Reihe / Series L

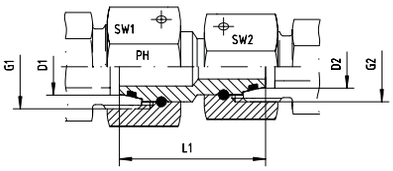
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**SW3**		
500	6	M 12 x 1,5	33,0	14		GV-DKOL-06
500	8	M 14 x 1,5	33,7	17		GV-DKOL-08
500	10	M 16 x 1,5	34,5	19		GV-DKOL-10
400	12	M 18 x 1,5	35,0	22		GV-DKOL-12
400	15	M 22 x 1,5	39,0	27		GV-DKOL-15
400	18	M 26 x 1,5	38,0	32		GV-DKOL-18
250	22	M 30 x 2	43,0	36		GV-DKOL-22
250	28	M 36 x 2	46,0	41		GV-DKOL-28
250	35	M 45 x 2	47,0	50		GV-DKOL-35
250	42	M 52 x 2	52,0	60		GV-DKOL-42

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**SW3**		
800	6	M 14 x 1,5	33,0	17		GV-DKOS-06
800	8	M 16 x 1,5	36,0	19		GV-DKOS-08
800	10	M 18 x 1,5	36,0	22		GV-DKOS-10
630	12	M 20 x 1,5	38,0	24		GV-DKOS-12
630	14	M 22 x 1,5	38,0	27		GV-DKOS-14
630	16	M 24 x 1,5	39,0	30		GV-DKOS-16
420	20	M 30 x 2	46,5	36		GV-DKOS-20
420	25	M 36 x 2	47,5	46		GV-DKOS-25
420	30	M 42 x 2	52,0	50		GV-DKOS-30
420	38	M 52 x 2	52,5	60		GV-DKOS-38

Beide Seiten mit drehbarer Mutter - DKO
Mit Dichtkegel und O-Ring - FPM
Passend in Bohrungsform W DIN 3861

Both sides with Swivel Nut - DKO
With Taper and O-ring - FPM
For Type of Port End W DIN 3861



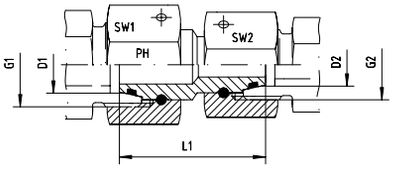
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**G1**	**G2**	**L1**	**SW1**	**SW2**		
500	8	6	M 14 x 1,5	M 12 x 1,5	31,0	17	14		GVR-DKO-08-L/06-L
500	10	6	M 16 x 1,5	M 12 x 1,5	34,0	19	14		GVR-DKO-10-L/06-L
500	10	8	M 16 x 1,5	M 14 x 1,5	33,0	19	17		GVR-DKO-10-L/08-L
400	12	6	M 18 x 1,5	M 12 x 1,5	34,0	22	14		GVR-DKO-12-L/06-L
400	12	8	M 18 x 1,5	M 14 x 1,5	34,0	22	17		GVR-DKO-12-L/08-L
400	12	10	M 18 x 1,5	M 16 x 1,5	33,0	22	19		GVR-DKO-12-L/10-L
400	15	8	M 22 x 1,5	M 14 x 1,5	37,0	27	17		GVR-DKO-15-L/08-L
400	15	10	M 22 x 1,5	M 16 x 1,5	38,0	27	19		GVR-DKO-15-L/10-L
400	15	12	M 22 x 1,5	M 18 x 1,5	35,0	27	22		GVR-DKO-15-L/12-L
400	18	10	M 26 x 1,5	M 16 x 1,5	36,3	32	19		GVR-DKO-18-L/10-L
400	18	12	M 26 x 1,5	M 18 x 1,5	38,0	32	22		GVR-DKO-18-L/12-L
400	18	15	M 26 x 1,5	M 22 x 1,5	43,0	32	27		GVR-DKO-18-L/15-L
250	22	12	M 30 x 2	M 18 x 1,5	42,0	36	22		GVR-DKO-22-L/12-L
250	22	15	M 30 x 2	M 22 x 1,5	43,5	36	27		GVR-DKO-22-L/15-L
250	22	18	M 30 x 2	M 26 x 1,5	43,0	36	32		GVR-DKO-22-L/18-L
250	28	15	M 36 x 2	M 22 x 1,5	46,0	41	27		GVR-DKO-28-L/15-L
250	28	18	M 36 x 2	M 26 x 1,5	46,0	41	32		GVR-DKO-28-L/18-L
250	28	22	M 36 x 2	M 30 x 2	46,0	41	36		GVR-DKO-28-L/22-L
250	35	18	M 45 x 2	M 26 x 1,5	44,0	50	32		GVR-DKO-35-L/18-L
250	35	22	M 45 x 2	M 30 x 2	46,5	50	36		GVR-DKO-35-L/22-L
250	35	28	M 45 x 2	M 36 x 2	46,5	50	41		GVR-DKO-35-L/28-L
250	42	22	M 52 x 2	M 30 x 2	47,0	60	36		GVR-DKO-42-L/22-L
250	42	28	M 52 x 2	M 36 x 2	47,5	60	41		GVR-DKO-42-L/28-L
250	42	35	M 52 x 2	M 45 x 2	52,0	60	50		GVR-DKO-42-L/35-L

GVR - GERADE - REDUZIERUNGEN
GVR - STRAIGHT - SWIFEL - REDUCERS

Beide Seiten mit drehbarer Mutter - DKO
Mit Dichtkegel und O-Ring - FPM
Passend in Bohrungsform W DIN 3861

Both sides with Swivel Nut - DKO
With Taper and O-ring - FPM
For Type of Port End W DIN 3861



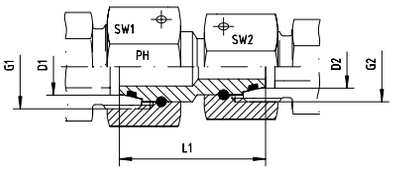
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**G1**	**G2**	**L1**	**SW1**	**SW2**		
800	8	6	M 16 x 1,5	M 14 x 1,5	35,5	19	17		GVR-DKO-08-S/06-S
800	10	6	M 18 x 1,5	M 14 x 1,5	35,5	22	17		GVR-DKO-10-S/06-S
800	10	8	M 18 x 1,5	M 16 x 1,5	37,0	22	19		GVR-DKO-10-S/08-S
630	12	6	M 20 x 1,5	M 14 x 1,5	36,0	24	17		GVR-DKO-12-S/06-S
630	12	8	M 20 x 1,5	M 16 x 1,5	37,5	24	19		GVR-DKO-12-S/08-S
630	12	10	M 20 x 1,5	M 18 x 1,5	37,5	24	22		GVR-DKO-12-S/10-S
630	16	10	M 24 x 1,5	M 18 x 1,5	37,5	30	22		GVR-DKO-16-S/10-S
630	16	12	M 24 x 1,5	M 20 x 1,5	38,0	30	24		GVR-DKO-16-S/12-S
630	16	14	M 24 x 1,5	M 22 x 1,5	47,0	30	27		GVR-DKO-16-S/14-S
420	20	12	M 30 x 2	M 20 x 1,5	43,0	36	24		GVR-DKO-20-S/12-S
420	20	14	M 30 x 2	M 22 x 1,5	43,0	36	27		GVR-DKO-20-S/14-S
420	20	16	M 30 x 2	M 24 x 1,5	43,0	36	30		GVR-DKO-20-S/16-S
420	25	16	M 36 x 2	M 24 x 1,5	46,0	46	30		GVR-DKO-25-S/16-S
420	25	20	M 36 x 2	M 30 x 2	46,0	46	36		GVR-DKO-25-S/20-S
420	30	16	M 42 x 2	M 24 x 1,5	46,0	50	30		GVR-DKO-30-S/16-S
420	30	20	M 42 x 2	M 30 x 2	52,0	50	36		GVR-DKO-30-S/20-S
420	30	25	M 42 x 2	M 36 x 2	52,0	50	46		GVR-DKO-30-S/25-S
420	38	20	M 52 x 2	M 30 x 2	52,0	60	36		GVR-DKO-38-S/20-S
420	38	25	M 52 x 2	M 36 x 2	53,0	60	46		GVR-DKO-38-S/25-S
420	38	30	M 52 x 2	M 42 x 2	52,0	60	50		GVR-DKO-38-S/30-S

GVR - GERADE - REDUZIERUNGEN
GVR - STRAIGHT - SWIFEL - REDUCERS

Beide Seiten mit drehbarer Mutter - DKO
Mit Dichtkegel und O-Ring - FPM
Passend in Bohrungsform W DIN 3861

Both sides with Swivel Nut - DKO
With Taper and O-ring - FPM
For Type of Port End W DIN 3861



Reihe / Series L / S

Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions			Bestellzeichen Order-Code
PN	**D1**	**D2**	**G1**	**G2**	**L1**	**SW1**	**SW2**	
500	6	6	M 14 x 1,5	M 12 x 1,5	33,0	17	14	GVR-DKO-06-L/06-S
500	8	6	M 14 x 1,5	M 14 x 1,5	31,0	17	17	GVR-DKO-08-L/06-S
500	8	8	M 16 x 1,5	M 14 x 1,5	35,0	19	17	GVR-DKO-08-L/08-S
500	10	10	M 18 x 1,5	M 16 x 1,5	35,3	22	19	GVR-DKO-10-L/10-S
400	12	10	M 18 x 1,5	M 18 x 1,5	32,5	22	22	GVR-DKO-12-L/10-S
400	12	12	M 20 x 1,5	M 18 x 1,5	37,0	24	22	GVR-DKO-12-L/12-S
400	15	12	M 22 x 1,5	M 20 x 1,5	38,5	27	24	GVR-DKO-15-L/12-S
400	15	14	M 22 x 1,5	M 22 x 1,5	44,5	27	27	GVR-DKO-15-L/14-S
400	18	16	M 26 x 1,5	M 24 x 1,5	40,0	32	30	GVR-DKO-18-L/16-S
250	22	20	M 30 x 2	M 30 x 2	53,0	36	36	GVR-DKO-22-L/20-S
250	28	25	M 36 x 2	M 36 x 2	46,0	46	41	GVR-DKO-28-L/25-S
250	35	30	M 45 x 2	M 42 x 2	51,0	50	50	GVR-DKO-35-L/30-S
250	42	38	M 52 x 2	M 52 x 2	52,0	60	60	GVR-DKO-42-L/38-S

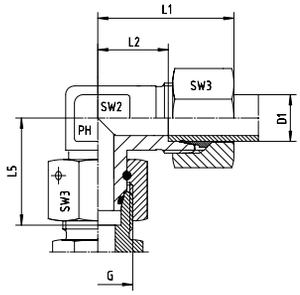
Reihe / Series S / L

Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread		Ca. Maße Approx. Dimensions			Bestellzeichen Order-Code
PN	**D1**	**D2**	**G1**	**G2**	**L1**	**SW1**	**SW2**	
500	10	8	M 18 x 1,5	M 14 x 1,5	33,0	22	17	GVR-DKO-10-S/08-L
500	12	8	M 20 x 1,5	M 14 x 1,5	34,0	24	17	GVR-DKO-12-S/08-L
500	12	10	M 20 x 1,5	M 16 x 1,5	33,0	24	19	GVR-DKO-12-S/10-L
500	16	10	M 24 x 1,5	M 16 x 1,5	35,5	30	19	GVR-DKO-16-S/10-L
400	16	12	M 24 x 1,5	M 18 x 1,5	39,0	30	22	GVR-DKO-16-S/12-L
400	16	15	M 24 x 1,5	M 22 x 1,5	38,5	30	27	GVR-DKO-16-S/15-L
400	20	18	M 30 x 2	M 26 x 1,5	43,0	36	32	GVR-DKO-20-S/18-L
400	25	18	M 36 x 2	M 26 x 1,5	46,0	46	32	GVR-DKO-25-S/18-L
250	25	22	M 36 x 2	M 30 x 2	46,0	46	36	GVR-DKO-25-S/22-L
250	30	28	M 42 x 2	M 36 x 2	49,5	50	41	GVR-DKO-30-S/28-L
250	38	35	M 52 x 2	M 45 x 2	53,0	60	50	GVR-DKO-38-S/35-L

EW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN
EW - ADJUSTABLE - ELBOWS

Einstellbare Winkelverschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L5	SW2	SW3		
500	6	M 12 x 1,5	27,0	12,0	26,0	12	14		EW-DKOL-06
500	8	M 14 x 1,5	29,0	14,0	27,5	12	17		EW-DKOL-08
500	10	M 16 x 1,5	30,0	15,0	29,0	14	19		EW-DKOL-10
400	12	M 18 x 1,5	32,0	17,0	29,5	17	22		EW-DKOL-12
400	15	M 22 x 1,5	36,0	21,0	32,5	19	27		EW-DKOL-15
400	18	M 26 x 1,5	40,0	23,5	35,5	24	32		EW-DKOL-18
250	22	M 30 x 2	44,0	27,5	38,5	27	36		EW-DKOL-22
250	28	M 36 x 2	47,0	30,5	41,5	36	41		EW-DKOL-28
250	35	M 45 x 2	56,0	34,5	51,0	41	50		EW-DKOL-35
250	42	M 52 x 2	63,0	40,0	56,0	50	60		EW-DKOL-42

Reihe / Series S

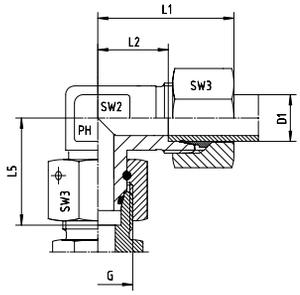
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PN	D1	G	L1	L2	L5	SW2	SW3	
800	6	M 14 x 1,5	31,0	16,0	27,0	12	17	EW-DKOS-06
800	8	M 16 x 1,5	32,0	17,0	27,5	14	19	EW-DKOS-08
800	10	M 18 x 1,5	34,0	17,5	30,0	17	22	EW-DKOS-10
630	12	M 20 x 1,5	38,0	21,5	31,0	17	24	EW-DKOS-12
630	14	M 22 x 1,5	40,0	22,0	35,0	19	27	EW-DKOS-14
630	16	M 24 x 1,5	43,0	24,5	36,5	24	30	EW-DKOS-16
420	20	M 30 x 2	48,0	26,5	44,5	27	36	EW-DKOS-20
420	25	M 36 x 2	54,0	30,0	50,0	36	46	EW-DKOS-25
420	30	M 42 x 2	62,0	35,5	55,0	41	50	EW-DKOS-30
420	38	M 52 x 2	72,0	41,0	63,0	50	60	EW-DKOS-38

EW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN

EW - ADJUSTABLE - ELBOWS

Einstellbare Winkelverschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L5	SW2	SW3		
500	6	M 12 x 1,5	27,0	12,0	26,0	12	14		EW-DKOL-06-SC
500	8	M 14 x 1,5	29,0	14,0	27,5	12	17		EW-DKOL-08-SC
500	10	M 16 x 1,5	30,0	15,0	29,0	14	19		EW-DKOL-10-SC
400	12	M 18 x 1,5	32,0	17,0	29,5	17	22		EW-DKOL-12-SC
400	15	M 22 x 1,5	36,0	21,0	32,5	19	27		EW-DKOL-15-SC
400	18	M 26 x 1,5	40,0	23,5	35,5	24	32		EW-DKOL-18-SC
250	22	M 30 x 2	44,0	27,5	38,5	27	36		EW-DKOL-22-SC
250	28	M 36 x 2	47,0	30,5	41,5	36	41		EW-DKOL-28-SC
250	35	M 45 x 2	56,0	34,5	51,0	41	50		EW-DKOL-35-SC
250	42	M 52 x 2	63,0	40,0	56,0	50	60		EW-DKOL-42-SC

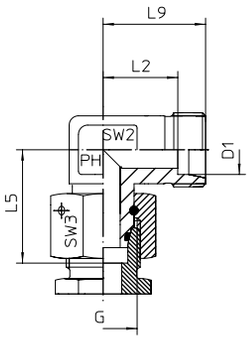
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L1	L2	L5	SW2	SW3		
800	6	M 14 x 1,5	31,0	16,0	27,0	12	17		EW-DKOS-06-SC
800	8	M 16 x 1,5	32,0	17,0	27,5	14	19		EW-DKOS-08-SC
800	10	M 18 x 1,5	34,0	17,5	30,0	17	22		EW-DKOS-10-SC
630	12	M 20 x 1,5	38,0	21,5	31,0	17	24		EW-DKOS-12-SC
630	14	M 22 x 1,5	40,0	22,0	35,0	19	27		EW-DKOS-14-SC
630	16	M 24 x 1,5	43,0	24,5	36,5	24	30		EW-DKOS-16-SC
420	20	M 30 x 2	48,0	26,5	44,5	27	36		EW-DKOS-20-SC
420	25	M 36 x 2	54,0	30,0	50,0	36	46		EW-DKOS-25-SC
420	30	M 42 x 2	62,0	35,5	55,0	41	50		EW-DKOS-30-SC
420	38	M 52 x 2	72,0	41,0	63,0	50	60		EW-DKOS-38-SC

EW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN
EW - ADJUSTABLE - ELBOWS

Einstellbare Winkelverschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L5	L9	SW2	SW3		
500	6	M 12 x 1,5	12,0	26,0	19,0	12,0	14,0		EW-DKOL-06-OMD
500	8	M 14 x 1,5	14,0	27,5	21,0	12,0	17,0		EW-DKOL-08-OMD
500	10	M 16 x 1,5	15,0	29,0	22,0	14,0	19,0		EW-DKOL-10-OMD
400	12	M 18 x 1,5	17,0	29,5	24,0	17,0	22,0		EW-DKOL-12-OMD
400	15	M 22 x 1,5	21,0	32,5	28,0	19,0	27,0		EW-DKOL-15-OMD
400	18	M 26 x 1,5	23,5	35,5	31,0	24,0	32,0		EW-DKOL-18-OMD
250	22	M 30 x 2	27,5	38,5	35,0	27,0	36,0		EW-DKOL-22-OMD
250	28	M 36 x 2	30,5	41,5	38,0	36,0	41,0		EW-DKOL-28-OMD
250	35	M 45 x 2	34,5	51,0	45,0	41,0	50,0		EW-DKOL-35-OMD
250	42	M 52 x 2	40,0	56,0	51,0	50,0	60,0		EW-DKOL-42-OMD

Reihe / Series S

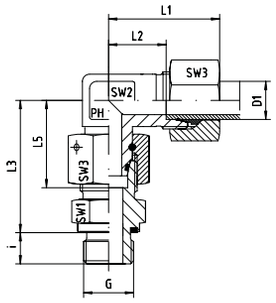
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	L2	L5	L9	SW2	SW3		
800	6	M 14 x 1,5	16,0	27,0	23,0	12,0	17,0		EW-DKOS-06-OMD
800	8	M 16 x 1,5	17,0	27,5	24,0	14,0	19,0		EW-DKOS-08-OMD
800	10	M 18 x 1,5	17,5	30,0	25,0	17,0	22,0		EW-DKOS-10-OMD
630	12	M 20 x 1,5	21,5	31,0	29,0	17,0	24,0		EW-DKOS-12-OMD
630	14	M 22 x 1,5	22,0	35,0	30,0	19,0	27,0		EW-DKOS-14-OMD
630	16	M 24 x 1,5	24,5	36,5	33,0	24,0	30,0		EW-DKOS-16-OMD
420	20	M 30 x 2	26,5	44,5	37,0	27,0	36,0		EW-DKOS-20-OMD
420	25	M 36 x 2	30,0	50,0	42,0	36,0	46,0		EW-DKOS-25-OMD
420	30	M 42 x 2	35,5	55,0	49,0	41,0	50,0		EW-DKOS-30-OMD
420	38	M 52 x 2	41,0	63,0	57,0	50,0	60,0		EW-DKOS-38-OMD

EW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN

EW - ADJUSTABLE - ELBOWS

Einstellbare Winkel-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
500	6	G 1/8“	27,0	12,0	34,5	26,0	8,0	14	12	14	EW-DKOL-06-G 1/8“-wd
500	8	G 1/4“	29,0	14,0	37,5	27,5	12,0	17	12	17	EW-DKOL-08-G 1/4“-wd
500	10	G 1/4“	30,0	15,0	40,0	29,0	12,0	19	14	19	EW-DKOL-10-G 1/4“-wd
400	12	G 1/4“	32,0	17,0	42,0	29,5	12,0	19	17	22	EW-DKOL-12-G 1/4“-wd
400	12	G 3/8“	32,0	17,0	42,0	29,5	12,0	22	17	22	EW-DKOL-12-G 3/8“-wd
400	12	G 1/2“	32,0	17,0	43,0	29,5	14,0	27	17	22	EW-DKOL-12-G 1/2“-wd
400	15	G 1/2“	36,0	21,0	46,0	32,5	14,0	27	19	27	EW-DKOL-15-G 1/2“-wd
400	18	G 1/2“	40,0	23,5	50,0	35,5	14,0	27	24	32	EW-DKOL-18-G 1/2“-wd
250	22	G 3/4“	44,0	27,5	55,0	38,5	16,0	32	27	36	EW-DKOL-22-G 3/4“-wd
250	28	G 1“	47,0	30,5	59,0	41,5	18,0	41	36	41	EW-DKOL-28-G 1“-wd
250	35	G 1 1/4“	56,0	34,5	68,5	51,0	20,0	50	41	50	EW-DKOL-35-G 1 1/4“-wd
250	42	G 1 1/2“	63,0	40,0	75,0	56,0	22,0	55	50	60	EW-DKOL-42-G 1 1/2“-wd

Reihe / Series S

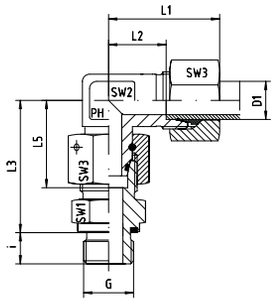
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
800	6	G 1/4“	31,0	16,0	40,0	27,0	12,0	19	12	17	EW-DKOS-06-G 1/4“-wd
800	8	G 1/4“	32,0	17,0	42,5	27,5	12,0	19	14	19	EW-DKOS-08-G 1/4“-wd
800	10	G 3/8“	34,0	17,5	45,0	30,0	12,0	22	17	22	EW-DKOS-10-G 3/8“-wd
630	12	G 3/8“	38,0	21,5	48,0	31,0	12,0	22	17	24	EW-DKOS-12-G 3/8“-wd
630	12	G 1/2“	38,0	21,5	49,0	31,0	14,0	27	17	24	EW-DKOS-12-G 1/2“-wd
630	14	G 1/2“	40,0	22,0	54,0	35,0	14,0	27	19	27	EW-DKOS-14-G 1/2“-wd
630	16	G 1/2“	43,0	24,5	55,0	36,5	14,0	27	24	30	EW-DKOS-16-G 1/2“-wd
420	20	G 3/4“	48,0	26,5	65,0	44,5	16,0	32	27	36	EW-DKOS-20-G 3/4“-wd
420	25	G 1“	54,0	30,0	73,0	50,0	18,0	41	36	46	EW-DKOS-25-G 1“-wd
420	30	G 1 1/4“	62,0	35,5	78,5	55,0	20,0	50	41	50	EW-DKOS-30-G 1 1/4“-wd
420	38	G 1 1/2“	72,0	41,0	89,0	63,0	22,0	55	50	60	EW-DKOS-38-G 1 1/2“-wd

EW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN

EW - ADJUSTABLE - ELBOWS

Einstellbare Winkel-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
500	6	G 1/8“	27,0	12,0	34,5	26,0	8,0	14	12	14	EW-DKOL-06-G 1/8“-wd-SC
500	8	G 1/4“	29,0	14,0	37,5	27,5	12,0	17	12	17	EW-DKOL-08-G 1/4“-wd-SC
500	10	G 1/4“	30,0	15,0	40,0	29,0	12,0	19	14	19	EW-DKOL-10-G 1/4“-wd-SC
400	12	G 1/4“	32,0	17,0	42,0	29,5	12,0	19	17	22	EW-DKOL-12-G 1/4“-wd-SC
400	12	G 3/8“	32,0	17,0	42,0	29,5	12,0	22	17	22	EW-DKOL-12-G 3/8“-wd-SC
400	12	G 1/2“	32,0	17,0	43,0	29,5	14,0	27	17	22	EW-DKOL-12-G 1/2“-wd-SC
400	15	G 1/2“	36,0	21,0	46,0	32,5	14,0	27	19	27	EW-DKOL-15-G 1/2“-wd-SC
400	18	G 1/2“	40,0	23,5	50,0	35,5	14,0	27	24	32	EW-DKOL-18-G 1/2“-wd-SC
250	22	G 3/4“	44,0	27,5	55,0	38,5	16,0	32	27	36	EW-DKOL-22-G 3/4“-wd-SC
250	28	G 1“	47,0	30,5	59,0	41,5	18,0	41	36	41	EW-DKOL-28-G 1“-wd-SC
250	35	G 1 1/4“	56,0	34,5	68,5	51,0	20,0	50	41	50	EW-DKOL-35-G 1 1/4“-wd-SC
250	42	G 1 1/2“	63,0	40,0	75,0	56,0	22,0	55	50	60	EW-DKOL-42-G 1 1/2“-wd-SC

Reihe / Series S

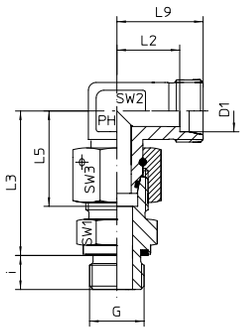
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
800	6	G 1/4“	31,0	16,0	40,0	27,0	12,0	19	12	17	EW-DKOS-06-G 1/4“-wd-SC
800	8	G 1/4“	32,0	17,0	42,5	27,5	12,0	19	14	19	EW-DKOS-08-G 1/4“-wd-SC
800	10	G 3/8“	34,0	17,5	45,0	30,0	12,0	22	17	22	EW-DKOS-10-G 3/8“-wd-SC
630	12	G 3/8“	38,0	21,5	48,0	31,0	12,0	22	17	24	EW-DKOS-12-G 3/8“-wd-SC
630	12	G 1/2“	38,0	21,5	49,0	31,0	14,0	27	17	24	EW-DKOS-12-G 1/2“-wd-SC
630	14	G 1/2“	40,0	22,0	54,0	35,0	14,0	27	19	27	EW-DKOS-14-G 1/2“-wd-SC
630	16	G 1/2“	43,0	24,5	55,0	36,5	14,0	27	24	30	EW-DKOS-16-G 1/2“-wd-SC
420	20	G 3/4“	48,0	26,5	65,0	44,5	16,0	32	27	36	EW-DKOS-20-G 3/4“-wd-SC
420	25	G 1“	54,0	30,0	73,0	50,0	18,0	41	36	46	EW-DKOS-25-G 1“-wd-SC
420	30	G 1 1/4“	62,0	35,5	78,5	55,0	20,0	50	41	50	EW-DKOS-30-G 1 1/4“-wd-SC
420	38	G 1 1/2“	72,0	41,0	89,0	63,0	22,0	55	50	60	EW-DKOS-38-G 1 1/2“-wd-SC

EW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN

EW - ADJUSTABLE - ELBOWS

Einstellbare Winkel-Verschraubungen mit Dichtkegel und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L5**	**L9**	**i**	**SW1**	**SW2**	**SW3**	
500	6	G 1/8“	12,0	34,5	26,0	19,0	8,0	14	12	14	EW-DKOL-06-G 1/8“-wd-OMD
500	8	G 1/4“	14,0	37,5	27,5	21,0	12,0	17	12	17	EW-DKOL-08-G 1/4“-wd-OMD
500	10	G 1/4“	15,0	40,0	29,0	22,0	12,0	19	14	19	EW-DKOL-10-G 1/4“-wd-OMD
400	12	G 1/2“	17,0	42,0	29,5	24,0	12,0	19	17	22	EW-DKOL-12-G 1/2“-wd-OMD
400	12	G 1/4“	17,0	42,0	29,5	24,0	12,0	22	17	22	EW-DKOL-12-G 1/4“-wd-OMD
400	12	G 3/8“	17,0	43,0	29,5	24,0	14,0	27	17	22	EW-DKOL-12-G 3/8“-wd-OMD
400	15	G 1/2“	21,0	46,0	32,5	28,0	14,0	27	19	27	EW-DKOL-15-G 1/2“-wd-OMD
400	18	G 1/2“	23,5	50,0	35,5	31,0	14,0	27	24	32	EW-DKOL-18-G 1/2“-wd-OMD
250	22	G 3/4“	27,5	55,0	38,5	35,0	16,0	32	27	36	EW-DKOL-22-G 3/4“-wd-OMD
250	28	G 1“	30,5	59,0	41,5	38,0	18,0	41	36	41	EW-DKOL-28-G 1“-wd-OMD
250	35	G 1 1/4“	34,5	68,5	51,0	45,0	20,0	50	41	50	EW-DKOL-35-G 1 1/4“-wd-OMD
250	42	G 1 1/2“	40,0	75,0	56,0	51,0	22,0	55	50	60	EW-DKOL-42-G 1 1/2“-wd-OMD

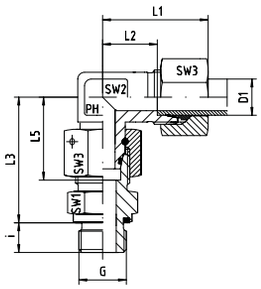
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L5**	**L9**	**i**	**SW1**	**SW2**	**SW3**	
800	6	G 1/4“	16,0	40,0	27,0	23,0	12,0	19	12	17	EW-DKOS-06-G 1/4“-wd-OMD
800	8	G 1/4“	17,0	42,5	27,5	24,0	12,0	19	14	19	EW-DKOS-08-G 1/4“-wd-OMD
800	10	G 3/8“	17,5	45,0	30,0	25,0	12,0	22	17	22	EW-DKOS-10-G 3/8“-wd-OMD
630	12	G 1/2“	21,5	48,0	31,0	29,0	12,0	22	17	24	EW-DKOS-12-G 1/2“-wd-OMD
630	12	G 3/8“	21,5	49,0	31,0	29,0	14,0	27	17	24	EW-DKOS-12-G 3/8“-wd-OMD
630	14	G 1/2“	22,0	54,0	35,0	30,0	14,0	27	19	27	EW-DKOS-14-G 1/2“-wd-OMD
630	16	G 1/2“	24,5	55,0	36,5	33,0	14,0	27	24	30	EW-DKOS-16-G 1/2“-wd-OMD
420	20	G 3/4“	26,5	65,0	44,5	37,0	16,0	32	27	36	EW-DKOS-20-G 3/4“-wd-OMD
420	25	G 1“	30,0	73,0	50,0	42,0	18,0	41	36	46	EW-DKOS-25-G 1“-wd-OMD
420	30	G 1 1/4“	35,5	78,5	55,0	49,0	20,0	50	41	50	EW-DKOS-30-G 1 1/4“-wd-OMD
420	38	G 1 1/2“	41,0	89,0	63,0	57,0	22,0	55	50	60	EW-DKOS-38-G 1 1/2“-wd-OMD

EW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN
EW - ADJUSTABLE - ELBOWS

Einstellbare Winkel-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side
Thread: Metric - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
500	6	M 10 x 1	27,0	12,0	34,5	26,0	8,0	14	12	14	EW-DKOL-06-M 10x1-wd
500	8	M 12 x 1,5	29,0	14,0	37,5	27,5	12,0	17	12	17	EW-DKOL-08-M 12x1,5-wd
500	10	M 14 x 1,5	30,0	15,0	40,0	29,0	12,0	19	14	19	EW-DKOL-10-M 14x1,5-wd
400	12	M 16 x 1,5	32,0	17,0	42,0	29,5	12,0	22	17	22	EW-DKOL-12-M 16x1,5-wd
400	15	M 18 x 1,5	36,0	21,0	46,0	32,5	12,0	24	19	27	EW-DKOL-15-M 18x1,5-wd
400	18	M 22 x 1,5	40,0	23,5	50,0	35,5	14,0	27	24	32	EW-DKOL-18-M 22x1,5-wd
250	22	M 26 x 1,5	44,0	27,5	55,0	38,5	16,0	32	27	36	EW-DKOL-22-M 26x1,5-wd
250	28	M 33 x 2	47,0	30,5	59,0	41,5	18,0	41	36	41	EW-DKOL-28-M 33x2-wd
250	35	M 42 x 2	56,0	34,5	68,5	51,0	20,0	50	41	50	EW-DKOL-35-M 42x2-wd
250	42	M 48 x 2	63,0	40,0	75,0	56,0	22,0	55	50	60	EW-DKOL-42-M 48x2-wd

Reihe / Series S

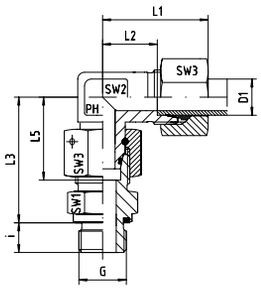
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
800	6	M 12 x 1,5	31,0	16,0	40,0	27,0	12,0	17	12	17	EW-DKOS-06-M 12x1,5-wd
800	8	M 14 x 1,5	32,0	17,0	42,5	27,5	12,0	19	14	19	EW-DKOS-08-M 14x1,5-wd
800	10	M 16 x 1,5	34,0	17,5	45,0	30,0	12,0	22	17	22	EW-DKOS-10-M 16x1,5-wd
630	12	M 18 x 1,5	38,0	21,5	48,0	31,0	12,0	24	17	24	EW-DKOS-12-M 18x1,5-wd
630	14	M 20 x 1,5	40,0	22,0	54,0	35,0	14,0	27	19	27	EW-DKOS-14-M 20x1,5-wd
630	16	M 22 x 1,5	43,0	24,5	55,0	36,5	14,0	27	24	30	EW-DKOS-16-M 22x1,5-wd
420	20	M 27 x 2	48,0	26,5	65,0	44,5	16,0	32	27	36	EW-DKOS-20-M 27x2-wd
420	25	M 33 x 2	54,0	30,0	73,0	50,0	18,0	41	36	46	EW-DKOS-25-M 33x2-wd
420	30	M 42 x 2	62,0	35,5	78,5	55,0	20,0	50	41	50	EW-DKOS-30-M 42x2-wd
420	38	M 48 x 2	72,0	41,0	89,0	63,0	22,0	55	50	60	EW-DKOS-38-M 48x2-wd

EW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN

EW - ADJUSTABLE - ELBOWS

Einstellbare Winkel-Verschraubungen mit Dichtkegel und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side
Thread: Metric - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
500	6	M 10 x 1	27,0	12,0	34,5	26,0	8,0	14	12	14	EW-DKOL-06-M 10x1-wd-SC
500	8	M 12 x 1,5	29,0	14,0	37,5	27,5	12,0	17	12	17	EW-DKOL-08-M 12x1,5-wd-SC
500	10	M 14 x 1,5	30,0	15,0	40,0	29,0	12,0	19	14	19	EW-DKOL-10-M 14x1,5-wd-SC
400	12	M 16 x 1,5	32,0	17,0	42,0	29,5	12,0	22	17	22	EW-DKOL-12-M 16x1,5-wd-SC
400	15	M 18 x 1,5	36,0	21,0	46,0	32,5	12,0	24	19	27	EW-DKOL-15-M 18x1,5-wd-SC
400	18	M 22 x 1,5	40,0	23,5	50,0	35,5	14,0	27	24	32	EW-DKOL-18-M 22x1,5-wd-SC
250	22	M 26 x 1,5	44,0	27,5	55,0	38,5	16,0	32	27	36	EW-DKOL-22-M 26x1,5-wd-SC
250	28	M 33 x 2	47,0	30,5	59,0	41,5	18,0	41	36	41	EW-DKOL-28-M 33x2-wd-SC
250	35	M 42 x 2	56,0	34,5	68,5	51,0	20,0	50	41	50	EW-DKOL-35-M 42x2-wd-SC
250	42	M 48 x 2	63,0	40,0	75,0	56,0	22,0	55	50	60	EW-DKOL-42-M 48x2-wd-SC

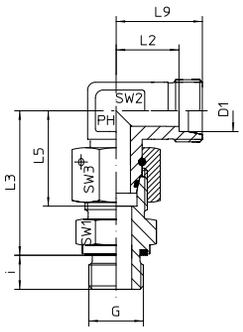
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
800	6	M 12 x 1,5	31,0	16,0	40,0	27,0	12,0	17	12	17	EW-DKOS-06-M 12x1,5-wd-SC
800	8	M 14 x 1,5	32,0	17,0	42,5	27,5	12,0	19	14	19	EW-DKOS-08-M 14x1,5-wd-SC
800	10	M 16 x 1,5	34,0	17,5	45,0	30,0	12,0	22	17	22	EW-DKOS-10-M 16x1,5-wd-SC
630	12	M 18 x 1,5	38,0	21,5	48,0	31,0	12,0	24	17	24	EW-DKOS-12-M 18x1,5-wd-SC
630	14	M 20 x 1,5	40,0	22,0	54,0	35,0	14,0	27	19	27	EW-DKOS-14-M 20x1,5-wd-SC
630	16	M 22 x 1,5	43,0	24,5	55,0	36,5	14,0	27	24	30	EW-DKOS-16-M 22x1,5-wd-SC
420	20	M 27 x 2	48,0	26,5	65,0	44,5	16,0	32	27	36	EW-DKOS-20-M 27x2-wd-SC
420	25	M 33 x 2	54,0	30,0	73,0	50,0	18,0	41	36	46	EW-DKOS-25-M 33x2-wd-SC
420	30	M 42 x 2	62,0	35,5	78,5	55,0	20,0	50	41	50	EW-DKOS-30-M 42x2-wd-SC
420	38	M 48 x 2	72,0	41,0	89,0	63,0	22,0	55	50	60	EW-DKOS-38-M 48x2-wd-SC

EW - EINSTELLBARE - WINKEL - VERSCHRAUBUNGEN
EW - ADJUSTABLE - ELBOWS

Einstellbare Winkel-Verschraubungen mit Dichtkegel und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side
Thread: Metric - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L5**	**L9**	**i**	**SW1**	**SW2**	**SW3**	
500	6	M 10 x 1	12,0	34,5	26,0	19,0	8,0	14	12	14	EW-DKOL-06-M 10x1-wd-OMD
500	8	M 12 x 1,5	14,0	37,5	27,5	21,0	12,0	17	12	17	EW-DKOL-08-M 12x1,5-wd-OMD
500	10	M 14 x 1,5	15,0	40,0	29,0	22,0	12,0	19	14	19	EW-DKOL-10-M 14x1,5-wd-OMD
400	12	M 16 x 1,5	17,0	42,0	29,5	24,0	12,0	22	17	22	EW-DKOL-12-M 16x1,5-wd-OMD
400	15	M 18 x 1,5	21,0	46,0	32,5	28,0	12,0	24	19	27	EW-DKOL-15-M 18x1,5-wd-OMD
400	18	M 22 x 1,5	23,5	50,0	35,5	31,0	14,0	27	24	32	EW-DKOL-18-M 22x1,5-wd-OMD
250	22	M 26 x 1,5	27,5	55,0	38,5	35,0	16,0	32	27	36	EW-DKOL-22-M 26x1,5-wd-OMD
250	28	M 33 x 2	30,5	59,0	41,5	38,0	18,0	41	36	41	EW-DKOL-28-M 33x2-wd-OMD
250	35	M 42 x 2	34,5	68,5	51,0	45,0	20,0	50	41	50	EW-DKOL-35-M 42x2-wd-OMD
250	42	M 48 x 2	40,0	75,0	56,0	51,0	22,0	55	50	60	EW-DKOL-42-M 48x2-wd-OMD

Reihe / Series S

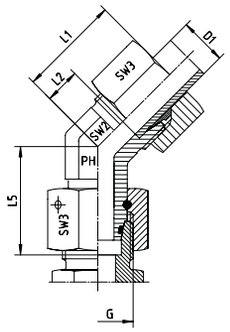
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L5**	**L9**	**i**	**SW1**	**SW2**	**SW3**	
800	6	M 12 x 1,5	16,0	40,0	27,0	23,0	12,0	17	12	17	EW-DKOS-06-M 12x1,5-wd-OMD
800	8	M 14 x 1,5	17,0	42,5	27,5	24,0	12,0	19	14	19	EW-DKOS-08-M 14x1,5-wd-OMD
800	10	M 16 x 1,5	17,5	45,0	30,0	25,0	12,0	22	17	22	EW-DKOS-10-M 16x1,5-wd-OMD
630	12	M 18 x 1,5	21,5	48,0	31,0	29,0	12,0	24	17	24	EW-DKOS-12-M 18x1,5-wd-OMD
630	14	M 20 x 1,5	22,0	54,0	35,0	30,0	14,0	27	19	27	EW-DKOS-14-M 20x1,5-wd-OMD
630	16	M 22 x 1,5	24,5	55,0	36,5	33,0	14,0	27	24	30	EW-DKOS-16-M 22x1,5-wd-OMD
420	20	M 27 x 2	26,5	65,0	44,5	37,0	16,0	32	27	36	EW-DKOS-20-M 27x2-wd-OMD
420	25	M 33 x 2	30,0	73,0	50,0	42,0	18,0	41	36	46	EW-DKOS-25-M 33x2-wd-OMD
420	30	M 42 x 2	35,5	78,5	55,0	49,0	20,0	50	41	50	EW-DKOS-30-M 42x2-wd-OMD
420	38	M 48 x 2	41,0	89,0	63,0	57,0	22,0	55	50	60	EW-DKOS-38-M 48x2-wd-OMD

EV - EINSTELLBARE - 45° - WINKEL - VERSCHRAUBUNGEN

EV - ADJUSTABLE - 45° - ELBOWS

Einstellbare Winkelverschraubungen mit Dichtkegel und O-Ring
FPM
Rohrseitig Schneidringanschluss

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
500	6	M 12 x 1,5	24,0	9,0	26,0	14	14		EV-DKOL-06
500	8	M 14 x 1,5	27,0	12,0	27,5	14	17		EV-DKOL-08
500	10	M 16 x 1,5	27,0	12,0	29,0	19	19		EV-DKOL-10
400	12	M 18 x 1,5	29,0	14,0	29,5	19	22		EV-DKOL-12
400	15	M 22 x 1,5	32,0	17,0	32,5	22	27		EV-DKOL-15
400	18	M 26 x 1,5	33,0	16,5	35,5	27	32		EV-DKOL-18
250	22	M 30 x 2	35,0	18,5	38,5	30	36		EV-DKOL-22
250	28	M 36 x 2	40,0	23,0	41,5	36	41		EV-DKOL-28
250	35	M 45 x 2	48,0	26,5	51,0	50	50		EV-DKOL-35
250	42	M 52 x 2	49,0	26,0	56,0	50	60		EV-DKOL-42

Reihe / Series S

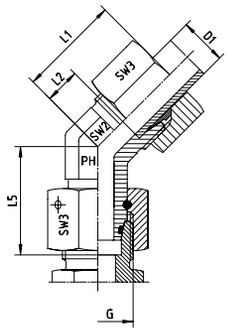
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
800	6	M 14 x 1,5	24,0	9,0	27,0	14	17		EV-DKOS-06
800	8	M 16 x 1,5	27,0	12,0	27,5	19	19		EV-DKOS-08
800	10	M 18 x 1,5	30,0	13,5	30,0	19	22		EV-DKOS-10
630	12	M 20 x 1,5	33,0	16,5	31,0	22	24		EV-DKOS-12
630	16	M 24 x 1,5	34,0	15,5	36,5	27	30		EV-DKOS-16
420	20	M 30 x 2	38,0	16,0	44,5	30	36		EV-DKOS-20
420	25	M 36 x 2	43,0	18,5	50,0	36	46		EV-DKOS-25
420	30	M 42 x 2	50,0	23,5	55,0	50	50		EV-DKOS-30
420	38	M 52 x 2	52,0	21,0	63,0	50	60		EV-DKOS-38

EV - EINSTELLBARE - 45° - WINKEL - VERSCHRAUBUNGEN

EV - ADJUSTABLE - 45° - ELBOWS

Einstellbare Winkelverschraubungen mit Dichtkegel und O-Ring
FPM
Rohrseitig Schneidringanschluss

With Taper and O-Ring - FPM
Cutting Ring Connection at the Tube Connection side



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
500	6	M 12 x 1,5	24,0	9,0	26,0	14	14		EV-DKOL-06-SC
500	8	M 14 x 1,5	27,0	12,0	27,5	14	17		EV-DKOL-08-SC
500	10	M 16 x 1,5	27,0	12,0	29,0	19	19		EV-DKOL-10-SC
400	12	M 18 x 1,5	29,0	14,0	29,5	19	22		EV-DKOL-12-SC
400	15	M 22 x 1,5	32,0	17,0	32,5	22	27		EV-DKOL-15-SC
400	18	M 26 x 1,5	33,0	16,5	35,5	27	32		EV-DKOL-18-SC
250	22	M 30 x 2	35,0	18,5	38,5	30	36		EV-DKOL-22-SC
250	28	M 36 x 2	40,0	23,0	41,5	36	41		EV-DKOL-28-SC
250	35	M 45 x 2	48,0	26,5	51,0	50	50		EV-DKOL-35-SC
250	42	M 52 x 2	49,0	26,0	56,0	50	60		EV-DKOL-42-SC

Reihe / Series S

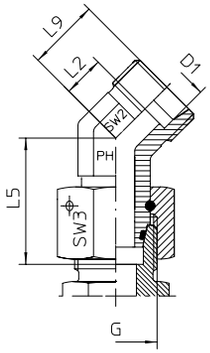
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
800	6	M 14 x 1,5	24,0	9,0	27,0	14	17		EV-DKOS-06-SC
800	8	M 16 x 1,5	27,0	12,0	27,5	19	19		EV-DKOS-08-SC
800	10	M 18 x 1,5	30,0	13,5	30,0	19	22		EV-DKOS-10-SC
630	12	M 20 x 1,5	33,0	16,5	31,0	22	24		EV-DKOS-12-SC
630	16	M 24 x 1,5	34,0	15,5	36,5	27	30		EV-DKOS-16-SC
420	20	M 30 x 2	38,0	16,0	44,5	30	36		EV-DKOS-20-SC
420	25	M 36 x 2	43,0	18,5	50,0	36	46		EV-DKOS-25-SC
420	30	M 42 x 2	50,0	23,5	55,0	50	50		EV-DKOS-30-SC
420	38	M 52 x 2	52,0	21,0	63,0	50	60		EV-DKOS-38-SC

EV - EINSTELLBARE - 45° - WINKEL - VERSCHRAUBUNGEN

EV - ADJUSTABLE - 45° - ELBOWS

Einstellbare Winkelverschraubungen mit Dichtkegel und O-Ring
FPM
Rohrseitig Schneidringanschluss

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L5**	**L9**	**SW2**	**SW3**		
500	6	M 12 x 1,5	9,0	26,0	16,0	14,0	14,0		EV-DKOL-06-OMD
500	8	M 14 x 1,5	12,0	27,5	19,0	14,0	17,0		EV-DKOL-08-OMD
500	10	M 16 x 1,5	12,0	29,0	19,0	19,0	19,0		EV-DKOL-10-OMD
400	12	M 18 x 1,5	14,0	29,5	21,0	19,0	22,0		EV-DKOL-12-OMD
400	15	M 22 x 1,5	17,0	32,5	24,0	22,0	27,0		EV-DKOL-15-OMD
400	18	M 26 x 1,5	16,5	35,5	24,0	27,0	32,0		EV-DKOL-18-OMD
250	22	M 30 x 2	18,5	38,5	26,0	30,0	36,0		EV-DKOL-22-OMD
250	28	M 36 x 2	23,0	41,5	30,5	36,0	41,0		EV-DKOL-28-OMD
250	35	M 45 x 2	26,5	51,0	37,0	50,0	50,0		EV-DKOL-35-OMD
250	42	M 52 x 2	26,0	56,0	37,0	50,0	60,0		EV-DKOL-42-OMD

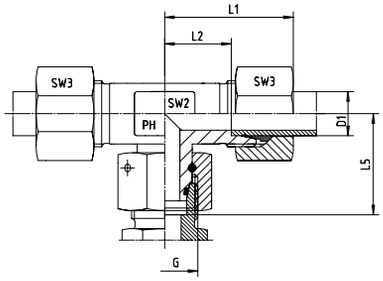
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L5**	**L9**	**SW2**	**SW3**		
800	6	M 14 x 1,5	9,0	27,0	16,0	14,0	17,0		EV-DKOS-06-OMD
800	8	M 16 x 1,5	12,0	27,5	19,0	19,0	19,0		EV-DKOS-08-OMD
800	10	M 18 x 1,5	13,5	30,0	21,0	19,0	22,0		EV-DKOS-10-OMD
630	12	M 20 x 1,5	16,5	31,0	24,0	22,0	24,0		EV-DKOS-12-OMD
630	16	M 24 x 1,5	15,5	36,5	24,0	27,0	30,0		EV-DKOS-16-OMD
420	20	M 30 x 2	16,0	44,5	26,5	30,0	36,0		EV-DKOS-20-OMD
420	25	M 36 x 2	18,5	50,0	30,5	36,0	46,0		EV-DKOS-25-OMD
420	30	M 42 x 2	23,5	55,0	37,0	50,0	50,0		EV-DKOS-30-OMD
420	38	M 52 x 2	21,0	63,0	37,0	50,0	60,0		EV-DKOS-38-OMD

ET - EINSTELLBARE - T-VERSCHRAUBUNGEN
ET - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
500	6	M 12 x 1,5	27,0	12,0	26,0	12	14		ET-DKOL-06
500	8	M 14 x 1,5	29,0	14,0	27,5	12	17		ET-DKOL-08
500	10	M 16 x 1,5	30,0	15,0	29,0	14	19		ET-DKOL-10
400	12	M 18 x 1,5	32,0	17,0	29,5	17	22		ET-DKOL-12
400	15	M 22 x 1,5	36,0	21,0	32,5	19	27		ET-DKOL-15
400	18	M 26 x 1,5	40,0	23,5	35,5	24	32		ET-DKOL-18
250	22	M 30 x 2	44,0	27,5	38,5	27	36		ET-DKOL-22
250	28	M 36 x 2	47,0	30,5	41,5	36	41		ET-DKOL-28
250	35	M 45 x 2	56,0	34,5	51,0	41	50		ET-DKOL-35
250	42	M 52 x 2	63,0	40,0	56,0	50	60		ET-DKOL-42

Reihe / Series S

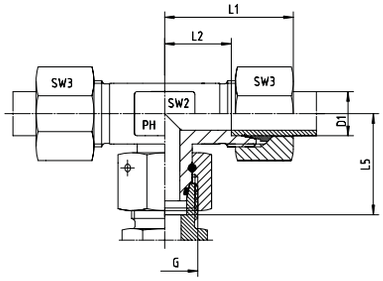
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
800	6	M 14 x 1,5	31,0	16,0	27,0	12	17		ET-DKOS-06
800	8	M 16 x 1,5	32,0	17,0	27,5	14	19		ET-DKOS-08
800	10	M 18 x 1,5	34,0	17,5	30,0	17	22		ET-DKOS-10
630	12	M 20 x 1,5	38,0	21,5	31,0	17	24		ET-DKOS-12
630	14	M 22 x 1,5	40,0	22,0	35,0	19	27		ET-DKOS-14
630	16	M 24 x 1,5	43,0	24,5	36,5	24	30		ET-DKOS-16
420	20	M 30 x 2	48,0	26,5	44,5	27	36		ET-DKOS-20
420	25	M 36 x 2	54,0	30,0	50,0	36	46		ET-DKOS-25
420	30	M 42 x 2	62,0	35,5	55,0	41	50		ET-DKOS-30
420	38	M 52 x 2	72,0	41,0	63,0	50	60		ET-DKOS-38

ET - EINSTELLBARE - T-VERSCHRAUBUNGEN

ET - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
500	6	M 12 x 1,5	27,0	12,0	26,0	12	14		ET-DKOL-06-SC
500	8	M 14 x 1,5	29,0	14,0	27,5	12	17		ET-DKOL-08-SC
500	10	M 16 x 1,5	30,0	15,0	29,0	14	19		ET-DKOL-10-SC
400	12	M 18 x 1,5	32,0	17,0	29,5	17	22		ET-DKOL-12-SC
400	15	M 22 x 1,5	36,0	21,0	32,5	19	27		ET-DKOL-15-SC
400	18	M 26 x 1,5	40,0	23,5	35,5	24	32		ET-DKOL-18-SC
250	22	M 30 x 2	44,0	27,5	38,5	27	36		ET-DKOL-22-SC
250	28	M 36 x 2	47,0	30,5	41,5	36	41		ET-DKOL-28-SC
250	35	M 45 x 2	56,0	34,5	51,0	41	50		ET-DKOL-35-SC
250	42	M 52 x 2	63,0	40,0	56,0	50	60		ET-DKOL-42-SC

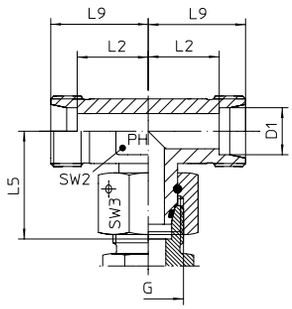
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
800	6	M 14 x 1,5	31,0	16,0	27,0	12	17		ET-DKOS-06-SC
800	8	M 16 x 1,5	32,0	17,0	27,5	14	19		ET-DKOS-08-SC
800	10	M 18 x 1,5	34,0	17,5	30,0	17	22		ET-DKOS-10-SC
630	12	M 20 x 1,5	38,0	21,5	31,0	17	24		ET-DKOS-12-SC
630	14	M 22 x 1,5	40,0	22,0	35,0	19	27		ET-DKOS-14-SC
630	16	M 24 x 1,5	43,0	24,5	36,5	24	30		ET-DKOS-16-SC
420	20	M 30 x 2	48,0	26,5	44,5	27	36		ET-DKOS-20-SC
420	25	M 36 x 2	54,0	30,0	50,0	36	46		ET-DKOS-25-SC
420	30	M 42 x 2	62,0	35,5	55,0	41	50		ET-DKOS-30-SC
420	38	M 52 x 2	72,0	41,0	63,0	50	60		ET-DKOS-38-SC

ET - EINSTELLBARE - T-VERSCHRAUBUNGEN
ET - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L5**	**L9**	**SW2**	**SW3**		
500	6	M 12 x 1,5	12,0	26,0	19,0	12	14		ET-DKOL-06-OMD
500	8	M 14 x 1,5	14,0	27,5	21,0	12	17		ET-DKOL-08-OMD
500	10	M 16 x 1,5	15,0	29,0	22,0	14	19		ET-DKOL-10-OMD
400	12	M 18 x 1,5	17,0	29,5	24,0	17	22		ET-DKOL-12-OMD
400	15	M 22 x 1,5	21,0	32,5	28,0	19	27		ET-DKOL-15-OMD
400	18	M 26 x 1,5	23,5	35,5	31,0	24	32		ET-DKOL-18-OMD
250	22	M 30 x 2	27,5	38,5	35,0	27	36		ET-DKOL-22-OMD
250	28	M 36 x 2	30,5	41,5	38,0	36	41		ET-DKOL-28-OMD
250	35	M 45 x 2	34,5	51,0	45,0	41	50		ET-DKOL-35-OMD
250	42	M 52 x 2	40,0	56,0	51,0	50	60		ET-DKOL-42-OMD

Reihe / Series S

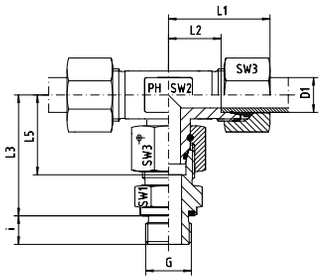
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L5**	**L9**	**SW2**	**SW3**		
800	6	M 14 x 1,5	16,0	27,0	23,0	12	17		ET-DKOS-06-OMD
800	8	M 16 x 1,5	17,0	27,5	24,0	14	19		ET-DKOS-08-OMD
800	10	M 18 x 1,5	17,5	30,0	25,0	17	22		ET-DKOS-10-OMD
630	12	M 20 x 1,5	21,5	31,0	29,0	17	24		ET-DKOS-12-OMD
630	14	M 22 x 1,5	22,0	35,0	30,0	19	27		ET-DKOS-14-OMD
630	16	M 24 x 1,5	24,5	36,5	33,0	24	30		ET-DKOS-16-OMD
420	20	M 30 x 2	26,5	44,5	37,0	27	36		ET-DKOS-20-OMD
420	25	M 36 x 2	30,0	50,0	42,0	36	46		ET-DKOS-25-OMD
420	30	M 42 x 2	35,5	55,0	49,0	41	50		ET-DKOS-30-OMD
420	38	M 52 x 2	41,0	63,0	57,0	50	60		ET-DKOS-38-OMD

ET - EINSTELLBARE - T-VERSCHRAUBUNGEN

ET - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
500	6	G 1/8“	27,0	12,0	34,5	26,0	8,0	14	12	14	ET-DKOL-06-G 1/8“-wd
500	8	G 1/4“	29,0	14,0	37,5	27,5	12,0	17	12	17	ET-DKOL-08-G 1/4“-wd
500	10	G 1/4“	30,0	15,0	40,0	29,0	12,0	19	14	19	ET-DKOL-10-G 1/4“-wd
400	12	G 3/8“	32,0	17,0	42,0	29,5	12,0	22	17	22	ET-DKOL-12-G 3/8“-wd
400	15	G 1/2“	36,0	21,0	46,5	32,5	14,0	27	19	27	ET-DKOL-15-G 1/2“-wd
400	18	G 1/2“	40,0	23,5	50,0	35,5	14,0	27	24	32	ET-DKOL-18-G 1/2“-wd
250	22	G 3/4“	44,0	27,5	65,0	38,5	16,0	32	27	36	ET-DKOL-22-G 3/4“-wd
250	28	G 1“	47,0	30,5	59,0	41,5	18,0	41	36	41	ET-DKOL-28-G 1“-wd
250	35	G 1 1/4“	56,0	34,5	68,5	51,0	20,0	50	41	50	ET-DKOL-35-G 1 1/4“-wd
250	42	G 1 1/2“	63,0	40,0	75,0	56,0	22,0	55	50	60	ET-DKOL-42-G 1 1/2“-wd

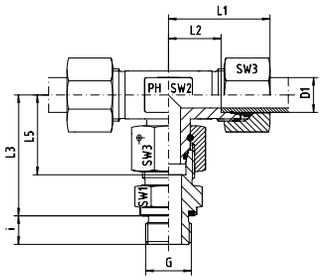
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
800	6	G 1/4“	31,0	16,0	40,0	27,0	12,0	19	12	17	ET-DKOS-06-G 1/4“-wd
800	8	G 1/4“	32,0	17,0	42,5	27,5	12,0	19	14	19	ET-DKOS-08-G 1/4“-wd
800	10	G 3/8“	34,0	17,5	45,0	30,0	12,0	22	17	22	ET-DKOS-10-G 3/8“-wd
630	12	G 3/8“	38,0	21,5	48,0	31,0	12,0	22	17	24	ET-DKOS-12-G 3/8“-wd
630	14	G 1/2“	40,0	22,0	54,0	35,0	14,0	27	19	27	ET-DKOS-14-G 1/2“-wd
630	16	G 1/2“	43,0	24,5	55,0	36,5	14,0	27	24	30	ET-DKOS-16-G 1/2“-wd
420	20	G 3/4“	48,0	26,5	65,0	44,5	16,0	32	27	36	ET-DKOS-20-G 3/4“-wd
420	25	G 1“	54,0	30,0	73,0	50,0	18,0	41	36	46	ET-DKOS-25-G 1“-wd
420	30	G 1 1/4“	62,0	35,5	78,5	55,0	20,0	50	41	50	ET-DKOS-30-G 1 1/4“-wd
420	38	G 1 1/2“	72,0	41,0	89,0	63,0	22,0	55	50	60	ET-DKOS-38-G 1 1/2“-wd

ET - EINSTELLBARE - T-VERSCHRAUBUNGEN
ET - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
500	6	G 1/8“	27,0	12,0	34,5	26,0	8,0	14	12	14	ET-DKOL-06-G 1/8“-wd-SC
500	8	G 1/4“	29,0	14,0	37,5	27,5	12,0	17	12	17	ET-DKOL-08-G 1/4“-wd-SC
500	10	G 1/4“	30,0	15,0	40,0	29,0	12,0	19	14	19	ET-DKOL-10-G 1/4“-wd-SC
400	12	G 3/8“	32,0	17,0	42,0	29,5	12,0	22	17	22	ET-DKOL-12-G 3/8“-wd-SC
400	15	G 1/2“	36,0	21,0	46,5	32,5	14,0	27	19	27	ET-DKOL-15-G 1/2“-wd-SC
400	18	G 1/2“	40,0	23,5	50,0	35,5	14,0	27	24	32	ET-DKOL-18-G 1/2“-wd-SC
250	22	G 3/4“	44,0	27,5	65,0	38,5	16,0	32	27	36	ET-DKOL-22-G 3/4“-wd-SC
250	28	G 1“	47,0	30,5	59,0	41,5	18,0	41	36	41	ET-DKOL-28-G 1“-wd-SC
250	35	G 1 1/4“	56,0	34,5	68,5	51,0	20,0	50	41	50	ET-DKOL-35-G 1 1/4“-wd-SC
250	42	G 1 1/2“	63,0	40,0	75,0	56,0	22,0	55	50	60	ET-DKOL-42-G 1 1/2“-wd-SC

Reihe / Series S

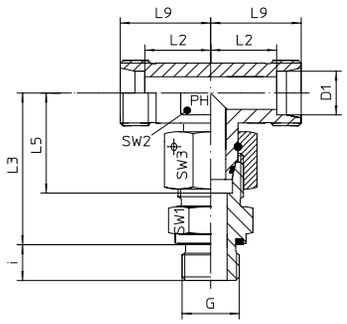
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L1	L2	L3	L5	i	SW1	SW2	SW3	
800	6	G 1/4“	31,0	16,0	40,0	27,0	12,0	19	12	17	ET-DKOS-06-G 1/4“-wd-SC
800	8	G 1/4“	32,0	17,0	42,5	27,5	12,0	19	14	19	ET-DKOS-08-G 1/4“-wd-SC
800	10	G 3/8“	34,0	17,5	45,0	30,0	12,0	22	17	22	ET-DKOS-10-G 3/8“-wd-SC
630	12	G 3/8“	38,0	21,5	48,0	31,0	12,0	22	17	24	ET-DKOS-12-G 3/8“-wd-SC
630	14	G 1/2“	40,0	22,0	54,0	35,0	14,0	27	19	27	ET-DKOS-14-G 1/2“-wd-SC
630	16	G 1/2“	43,0	24,5	55,0	36,5	14,0	27	24	30	ET-DKOS-16-G 1/2“-wd-SC
420	20	G 3/4“	48,0	26,5	65,0	44,5	16,0	32	27	36	ET-DKOS-20-G 3/4“-wd-SC
420	25	G 1“	54,0	30,0	73,0	50,0	18,0	41	36	46	ET-DKOS-25-G 1“-wd-SC
420	30	G 1 1/4“	62,0	35,5	78,5	55,0	20,0	50	41	50	ET-DKOS-30-G 1 1/4“-wd-SC
420	38	G 1 1/2“	72,0	41,0	89,0	63,0	22,0	55	50	60	ET-DKOS-38-G 1 1/2“-wd-SC

ET - EINSTELLBARE - T-VERSCHRAUBUNGEN

ET - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L5**	**L9**	**i**	**SW1**	**SW2**	**SW3**	
500	6	G 1/8“	12,0	34,5	26,0	19,0	8,0	14	12	14	ET-DKOL-06-G 1/8“-wd-OMD
500	8	G 1/4“	14,0	37,5	27,5	21,0	12,0	17	12	17	ET-DKOL-08-G 1/4“-wd-OMD
500	10	G 1/4“	15,0	40,0	29,0	22,0	12,0	19	14	19	ET-DKOL-10-G 1/4“-wd-OMD
400	12	G 3/8“	17,0	42,0	29,5	24,0	12,0	22	17	22	ET-DKOL-12-G 3/8“-wd-OMD
400	15	G 1/2“	21,0	46,5	32,5	28,0	14,0	27	19	27	ET-DKOL-15-G 1/2“-wd-OMD
400	18	G 1/2“	23,5	50,0	35,5	31,0	14,0	27	24	32	ET-DKOL-18-G 1/2“-wd-OMD
250	22	G 3/4“	27,5	65,0	38,5	35,0	16,0	32	27	36	ET-DKOL-22-G 3/4“-wd-OMD
250	28	G 1“	30,5	59,0	41,5	38,0	18,0	41	36	41	ET-DKOL-28-G 1“-wd-OMD
250	35	G 1 1/4“	34,5	68,5	51,0	45,0	20,0	50	41	50	ET-DKOL-35-G 1 1/4“-wd-OMD
250	42	G 1 1/2“	40,0	75,0	56,0	51,0	22,0	55	50	60	ET-DKOL-42-G 1 1/2“-wd-OMD

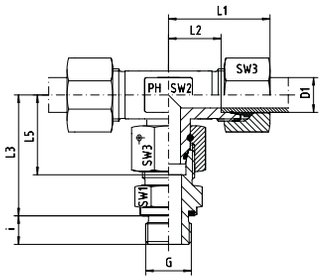
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L5**	**L9**	**i**	**SW1**	**SW2**	**SW3**	
800	6	G 1/4“	16,0	40,0	27,0	23,0	12,0	19	12	17	ET-DKOS-06-G 1/4“-wd-OMD
800	8	G 1/4“	17,0	42,5	27,5	24,0	12,0	19	14	19	ET-DKOS-08-G 1/4“-wd-OMD
800	10	G 3/8“	17,5	45,0	30,0	25,0	12,0	22	17	22	ET-DKOS-10-G 3/8“-wd-OMD
630	12	G 3/8“	21,5	48,0	31,0	29,0	12,0	22	17	24	ET-DKOS-12-G 3/8“-wd-OMD
630	14	G 1/2“	22,0	54,0	35,0	30,0	14,0	27	19	27	ET-DKOS-14-G 1/2“-wd-OMD
630	16	G 1/2“	24,5	55,0	36,5	33,0	14,0	27	24	30	ET-DKOS-16-G 1/2“-wd-OMD
420	20	G 3/4“	26,5	65,0	44,5	37,0	16,0	32	27	36	ET-DKOS-20-G 3/4“-wd-OMD
420	25	G 1“	30,0	73,0	50,0	42,0	18,0	41	36	46	ET-DKOS-25-G 1“-wd-OMD
420	30	G 1 1/4“	35,5	78,5	55,0	49,0	20,0	50	41	50	ET-DKOS-30-G 1 1/4“-wd-OMD
420	38	G 1 1/2“	41,0	89,0	63,0	57,0	22,0	55	50	60	ET-DKOS-38-G 1 1/2“-wd-OMD

ET - EINSTELLBARE - T-VERSCHRAUBUNGEN
ET - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side
Thread: Metric - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
500	6	M 10 x 1	27,0	12,0	34,5	26,0	8,0	14	12	14	ET-DKOL-06-M 10x1-wd
500	8	M 12 x 1,5	29,0	14,0	37,5	27,5	12,0	17	12	17	ET-DKOL-08-M 12x1,5-wd
500	10	M 14 x 1,5	30,0	15,0	40,0	29,0	12,0	19	14	19	ET-DKOL-10-M 14x1,5-wd
400	12	M 16 x 1,5	32,0	17,0	42,0	29,5	12,0	22	17	22	ET-DKOL-12-M 16x1,5-wd
400	15	M 18 x 1,5	36,0	21,0	46,0	32,5	12,0	24	19	27	ET-DKOL-15-M 18x1,5-wd
400	18	M 22 x 1,5	40,0	23,5	50,0	35,5	14,0	27	24	32	ET-DKOL-18-M 22x1,5-wd
250	22	M 26 x 1,5	44,0	27,5	55,0	38,5	16,0	32	27	36	ET-DKOL-22-M 26x1,5-wd
250	28	M 33 x 2	47,0	30,5	59,0	41,5	18,0	41	36	41	ET-DKOL-28-M 33x2-wd
250	35	M 42 x 2	56,0	34,5	68,5	51,0	20,0	50	41	50	ET-DKOL-35-M 42x2-wd
250	42	M 48 x 2	63,0	40,0	75,0	56,0	22,0	55	50	60	ET-DKOL-42-M 48x2-wd

Reihe / Series S

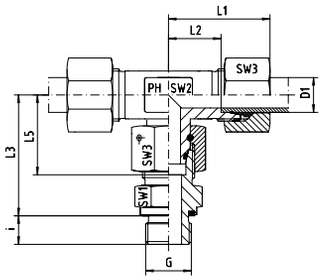
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
800	6	M 12 x 1,5	31,0	16,0	40,0	27,0	12,0	17	12	17	ET-DKOS-06-M 12x1,5-wd
800	8	M 14 x 1,5	32,0	17,0	42,5	27,5	12,0	19	14	19	ET-DKOS-08-M 14x1,5-wd
800	10	M 16 x 1,5	34,0	17,5	45,0	30,0	12,0	22	17	22	ET-DKOS-10-M 16x1,5-wd
630	12	M 18 x 1,5	38,0	21,5	48,0	31,0	12,0	24	17	24	ET-DKOS-12-M 18x1,5-wd
630	14	M 20 x 1,5	40,0	22,0	54,0	35,0	14,0	27	19	27	ET-DKOS-14-M 20x1,5-wd
630	16	M 22 x 1,5	43,0	24,5	55,0	36,5	14,0	27	24	30	ET-DKOS-16-M 22x1,5-wd
420	20	M 27 x 2	48,0	26,5	65,0	44,5	16,0	32	27	36	ET-DKOS-20-M 27x2-wd
420	25	M 33 x 2	54,0	30,0	73,0	50,0	18,0	41	36	46	ET-DKOS-25-M 33x2-wd
420	30	M 42 x 2	62,0	35,5	78,5	55,0	20,0	50	41	50	ET-DKOS-30-M 42x2-wd
420	38	M 48 x 2	72,0	41,0	89,0	63,0	22,0	55	50	60	ET-DKOS-38-M 48x2-wd

ET - EINSTELLBARE - T-VERSCHRAUBUNGEN

ET - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side
Thread: Metric - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
500	6	M 10 x 1	27,0	12,0	34,5	26,0	8,0	14	12	14	ET-DKOL-06-M 10x1-wd-SC
500	8	M 12 x 1,5	29,0	14,0	37,5	27,5	12,0	17	12	17	ET-DKOL-08-M 12x1,5-wd-SC
500	10	M 14 x 1,5	30,0	15,0	40,0	29,0	12,0	19	14	19	ET-DKOL-10-M 14x1,5-wd-SC
400	12	M 16 x 1,5	32,0	17,0	42,0	29,5	12,0	22	17	22	ET-DKOL-12-M 16x1,5-wd-SC
400	15	M 18 x 1,5	36,0	21,0	46,0	32,5	12,0	24	19	27	ET-DKOL-15-M 18x1,5-wd-SC
400	18	M 22 x 1,5	40,0	23,5	50,0	35,5	14,0	27	24	32	ET-DKOL-18-M 22x1,5-wd-SC
250	22	M 26 x 1,5	44,0	27,5	55,0	38,5	16,0	32	27	36	ET-DKOL-22-M 26x1,5-wd-SC
250	28	M 33 x 2	47,0	30,5	59,0	41,5	18,0	41	36	41	ET-DKOL-28-M 33x2-wd-SC
250	35	M 42 x 2	56,0	34,5	68,5	51,0	20,0	50	41	50	ET-DKOL-35-M 42x2-wd-SC
250	42	M 48 x 2	63,0	40,0	75,0	56,0	22,0	55	50	60	ET-DKOL-42-M 48x2-wd-SC

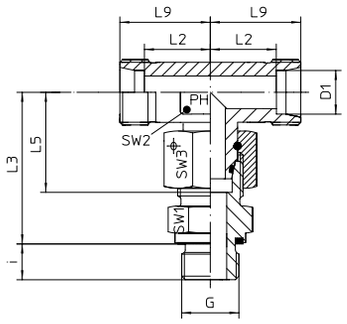
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
800	6	M 12 x 1,5	31,0	16,0	40,0	27,0	12,0	17	12	17	ET-DKOS-06-M 12x1,5-wd-SC
800	8	M 14 x 1,5	32,0	17,0	42,5	27,5	12,0	19	14	19	ET-DKOS-08-M 14x1,5-wd-SC
800	10	M 16 x 1,5	34,0	17,5	45,0	30,0	12,0	22	17	22	ET-DKOS-10-M 16x1,5-wd-SC
630	12	M 18 x 1,5	38,0	21,5	48,0	31,0	12,0	24	17	24	ET-DKOS-12-M 18x1,5-wd-SC
630	14	M 20 x 1,5	40,0	22,0	54,0	35,0	14,0	27	19	27	ET-DKOS-14-M 20x1,5-wd-SC
630	16	M 22 x 1,5	43,0	24,5	55,0	36,5	14,0	27	24	30	ET-DKOS-16-M 22x1,5-wd-SC
420	20	M 27 x 2	48,0	26,5	65,0	44,5	16,0	32	27	36	ET-DKOS-20-M 27x2-wd-SC
420	25	M 33 x 2	54,0	30,0	73,0	50,0	18,0	41	36	46	ET-DKOS-25-M 33x2-wd-SC
420	30	M 42 x 2	62,0	35,5	78,5	55,0	20,0	50	41	50	ET-DKOS-30-M 42x2-wd-SC
420	38	M 48 x 2	72,0	41,0	89,0	63,0	22,0	55	50	60	ET-DKOS-38-M 48x2-wd-SC

ET - EINSTELLBARE - T-VERSCHRAUBUNGEN
ET - ADJUSTABLE - BRANCH - TEES

Einstellbare T-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-ring - FPM
Cutting Ring Connection at the Tube Connection side
Thread: Metric - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread									Bestellzeichen Order-Code
PN	D1	G	L2	L3	L5	L9	i	SW1	SW2	SW3	
500	6	M 10 x 1	12,0	34,5	26,0	19,0	8,0	14	12	14	ET-DKOL-06-M 10x1-wd-OMD
500	8	M 12 x 1,5	14,0	37,5	27,5	21,0	12,0	17	12	17	ET-DKOL-08-M 12x1,5-wd-OMD
500	10	M 14 x 1,5	15,0	40,0	29,0	22,0	12,0	19	14	19	ET-DKOL-10-M 14x1,5-wd-OMD
400	12	M 16 x 1,5	17,0	42,0	29,5	24,0	12,0	22	17	22	ET-DKOL-12-M 16x1,5-wd-OMD
400	15	M 18 x 1,5	21,0	46,0	32,5	28,0	12,0	24	19	27	ET-DKOL-15-M 18x1,5-wd-OMD
400	18	M 22 x 1,5	23,5	50,0	35,5	31,0	14,0	27	24	32	ET-DKOL-18-M 22x1,5-wd-OMD
250	22	M 26 x 1,5	27,5	55,0	38,5	35,0	16,0	32	27	36	ET-DKOL-22-M 26x1,5-wd-OMD
250	28	M 33 x 2	30,5	59,0	41,5	38,0	18,0	41	36	41	ET-DKOL-28-M 33x2-wd-OMD
250	35	M 42 x 2	34,5	68,5	51,0	45,0	20,0	50	41	50	ET-DKOL-35-M 42x2-wd-OMD
250	42	M 48 x 2	40,0	75,0	56,0	51,0	22,0	55	50	60	ET-DKOL-42-M 48x2-wd-OMD

Reihe / Series S

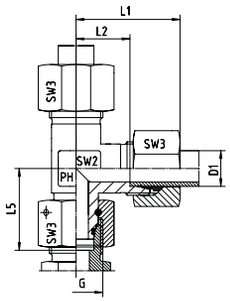
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	D1	G	L2	L3	L5	L9	i	SW1	SW2	SW3	
800	6	M 12 x 1,5	16,0	40,0	27,0	23,0	12,0	17	12	17	ET-DKOS-06-M 12x1,5-wd-OMD
800	8	M 14 x 1,5	17,0	42,5	27,5	24,0	12,0	19	14	19	ET-DKOS-08-M 14x1,5-wd-OMD
800	10	M 16 x 1,5	17,5	45,0	30,0	25,0	12,0	22	17	22	ET-DKOS-10-M 16x1,5-wd-OMD
630	12	M 18 x 1,5	21,5	48,0	31,0	29,0	12,0	24	17	24	ET-DKOS-12-M 18x1,5-wd-OMD
630	14	M 20 x 1,5	22,0	54,0	35,0	30,0	14,0	27	19	27	ET-DKOS-14-M 20x1,5-wd-OMD
630	16	M 22 x 1,5	24,5	55,0	36,5	33,0	14,0	27	24	30	ET-DKOS-16-M 22x1,5-wd-OMD
420	20	M 27 x 2	26,5	65,0	44,5	37,0	16,0	32	27	36	ET-DKOS-20-M 27x2-wd-OMD
420	25	M 33 x 2	30,0	73,0	50,0	42,0	18,0	41	36	46	ET-DKOS-25-M 33x2-wd-OMD
420	30	M 42 x 2	35,5	78,5	55,0	49,0	20,0	50	41	50	ET-DKOS-30-M 42x2-wd-OMD
420	38	M 48 x 2	41,0	89,0	63,0	57,0	22,0	55	50	60	ET-DKOS-38-M 48x2-wd-OMD

EL - EINSTELLBARE - L-VERSCHRAUBUNGEN

EL - ADJUSTABLE - RUN - TEES

Einstellbare L-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss

With Taper and O-Ring - FPM
Cutting Ring Connection at the Tube Connection side



Reihe / Series L

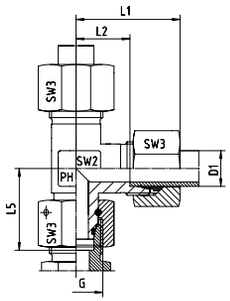
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
500	6	M 12 x 1,5	27,0	12,0	26,0	12	14		EL-DKOL-06
500	8	M 14 x 1,5	29,0	14,0	27,5	12	17		EL-DKOL-08
500	10	M 16 x 1,5	30,0	15,0	29,0	14	19		EL-DKOL-10
400	12	M 18 x 1,5	32,0	17,0	29,5	17	22		EL-DKOL-12
400	15	M 22 x 1,5	36,0	21,0	32,5	19	27		EL-DKOL-15
400	18	M 26 x 1,5	40,0	23,5	35,5	24	32		EL-DKOL-18
250	22	M 30 x 2	44,0	27,5	38,5	27	36		EL-DKOL-22
250	28	M 36 x 2	47,0	30,5	41,5	36	41		EL-DKOL-28
250	35	M 45 x 2	56,0	34,5	51,0	41	50		EL-DKOL-35
250	42	M 52 x 2	63,0	40,0	56,0	50	60		EL-DKOL-42

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
800	6	M 14 x 1,5	31,0	16,0	27,0	12	17		EL-DKOS-06
800	8	M 16 x 1,5	32,0	17,0	27,5	14	19		EL-DKOS-08
800	10	M 18 x 1,5	34,0	17,5	30,0	17	22		EL-DKOS-10
630	12	M 20 x 1,5	38,0	21,5	31,0	17	24		EL-DKOS-12
630	14	M 22 x 1,5	40,0	22,0	35,0	19	27		EL-DKOS-14
630	16	M 24 x 1,5	43,0	24,5	36,5	24	30		EL-DKOS-16
420	20	M 30 x 2	48,0	26,5	44,5	27	36		EL-DKOS-20
420	25	M 36 x 2	54,0	30,0	50,0	36	46		EL-DKOS-25
420	30	M 42 x 2	62,0	35,5	55,0	41	50		EL-DKOS-30
420	38	M 52 x 2	72,0	41,0	63,0	50	60		EL-DKOS-38

Einstellbare L-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss

With Taper and O-Ring - FPM
Cutting Ring Connection at the Tube Connection side



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
500	6	M 12 x 1,5	27,0	12,0	26,0	12	14		EL-DKOL-06-SC
500	8	M 14 x 1,5	29,0	14,0	27,5	12	17		EL-DKOL-08-SC
500	10	M 16 x 1,5	30,0	15,0	29,0	14	19		EL-DKOL-10-SC
400	12	M 18 x 1,5	32,0	17,0	29,5	17	22		EL-DKOL-12-SC
400	15	M 22 x 1,5	36,0	21,0	32,5	19	27		EL-DKOL-15-SC
400	18	M 26 x 1,5	40,0	23,5	35,5	24	32		EL-DKOL-18-SC
250	22	M 30 x 2	44,0	27,5	38,5	27	36		EL-DKOL-22-SC
250	28	M 36 x 2	47,0	30,5	41,5	36	41		EL-DKOL-28-SC
250	35	M 45 x 2	56,0	34,5	51,0	41	50		EL-DKOL-35-SC
250	42	M 52 x 2	63,0	40,0	56,0	50	60		EL-DKOL-42-SC

Reihe / Series S

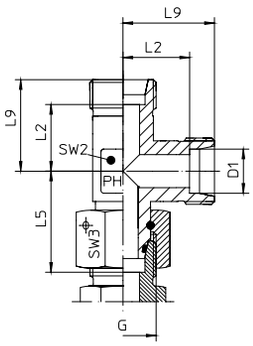
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L5**	**SW2**	**SW3**		
800	6	M 14 x 1,5	31,0	16,0	27,0	12	17		EL-DKOS-06-SC
800	8	M 16 x 1,5	32,0	17,0	27,5	14	19		EL-DKOS-08-SC
800	10	M 18 x 1,5	34,0	17,5	30,0	17	22		EL-DKOS-10-SC
630	12	M 20 x 1,5	38,0	21,5	31,0	17	24		EL-DKOS-12-SC
630	14	M 22 x 1,5	40,0	22,0	35,0	19	27		EL-DKOS-14-SC
630	16	M 24 x 1,5	43,0	24,5	36,5	24	30		EL-DKOS-16-SC
420	20	M 30 x 2	48,0	26,5	44,5	27	36		EL-DKOS-20-SC
420	25	M 36 x 2	54,0	30,0	50,0	36	46		EL-DKOS-25-SC
420	30	M 42 x 2	62,0	35,5	55,0	41	50		EL-DKOS-30-SC
420	38	M 52 x 2	72,0	41,0	63,0	50	60		EL-DKOS-38-SC

EL - EINSTELLBARE - L-VERSCHRAUBUNGEN

EL - ADJUSTABLE - RUN - TEES

Einstellbare L-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss

With Taper and O-Ring - FPM
Cutting Ring Connection at the Tube Connection side



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L5**	**L9**	**SW2**	**SW3**		
500	6	M 12 x 1,5	12,0	26,0	19,0	12	14		EL-DKOL-06-OMD
500	8	M 14 x 1,5	14,0	27,5	21,0	12	17		EL-DKOL-08-OMD
500	10	M 16 x 1,5	15,0	29,0	22,0	14	19		EL-DKOL-10-OMD
400	12	M 18 x 1,5	17,0	29,5	24,0	17	22		EL-DKOL-12-OMD
400	15	M 22 x 1,5	21,0	32,5	28,0	19	27		EL-DKOL-15-OMD
400	18	M 26 x 1,5	23,5	35,5	31,0	24	32		EL-DKOL-18-OMD
250	22	M 30 x 2	27,5	38,5	35,0	27	36		EL-DKOL-22-OMD
250	28	M 36 x 2	30,5	41,5	38,0	36	41		EL-DKOL-28-OMD
250	35	M 45 x 2	34,5	51,0	45,0	41	50		EL-DKOL-35-OMD
250	42	M 52 x 2	40,0	56,0	51,0	50	60		EL-DKOL-42-OMD

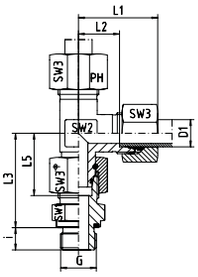
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L5**	**L9**	**SW2**	**SW3**		
800	6	M 14 x 1,5	16,0	27,0	23,0	12	17		EL-DKOS-06-OMD
800	8	M 16 x 1,5	17,0	27,5	24,0	14	19		EL-DKOS-08-OMD
800	10	M 18 x 1,5	17,5	30,0	25,0	17	22		EL-DKOS-10-OMD
630	12	M 20 x 1,5	21,5	31,0	29,0	17	24		EL-DKOS-12-OMD
630	14	M 22 x 1,5	22,0	35,0	30,0	19	27		EL-DKOS-14-OMD
630	16	M 24 x 1,5	24,5	36,5	33,0	24	30		EL-DKOS-16-OMD
420	20	M 30 x 2	26,5	44,5	37,0	27	36		EL-DKOS-20-OMD
420	25	M 36 x 2	30,0	50,0	42,0	36	46		EL-DKOS-25-OMD
420	30	M 42 x 2	35,5	55,0	49,0	41	50		EL-DKOS-30-OMD
420	38	M 52 x 2	41,0	63,0	57,0	50	60		EL-DKOS-38-OMD

EL - EINSTELLBARE - L-VERSCHRAUBUNGEN
EL - ADJUSTABLE - RUN - TEES

Einstellbare L-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-Ring - FPM
Cutting Ring Connection at the Tube Connection side
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
500	6	G 1/8“	27,0	12,0	34,5	26,0	8,0	14	12	14	EL-DKOL-06-G 1/8“-wd
500	8	G 1/4“	29,0	14,0	37,5	27,5	12,0	19	12	17	EL-DKOL-08-G 1/4“-wd
500	10	G 1/4“	30,0	15,0	40,0	29,0	12,0	19	14	19	EL-DKOL-10-G 1/4“-wd
400	12	G 3/8“	32,0	17,0	42,0	29,5	12,0	22	17	22	EL-DKOL-12-G 3/8“-wd
400	15	G 1/2“	36,0	21,0	46,5	32,5	14,0	27	19	27	EL-DKOL-15-G 1/2“-wd
400	18	G 1/2“	40,0	23,5	50,0	35,5	14,0	27	24	32	EL-DKOL-18-G 1/2“-wd
250	22	G 3/4“	44,0	27,5	55,0	38,5	16,0	32	27	36	EL-DKOL-22-G 3/4“-wd
250	28	G 1“	47,0	30,5	59,0	41,5	18,0	41	36	41	EL-DKOL-28-G 1“-wd
250	35	G 1 1/4“	56,0	34,5	68,5	51,0	20,0	50	41	50	EL-DKOL-35-G 1 1/4“-wd
250	42	G 1 1/2“	63,0	40,0	75,0	56,0	22,0	55	50	60	EL-DKOL-42-G 1 1/2“-wd

Reihe / Series S

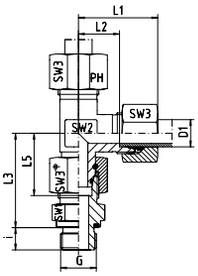
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
800	6	G 1/4“	31,0	16,0	40,0	27,0	12,0	19	12	17	EL-DKOS-06-G 1/4“-wd
800	8	G 1/4“	32,0	17,0	42,5	27,5	12,0	19	14	19	EL-DKOS-08-G 1/4“-wd
800	10	G 3/8“	34,0	17,5	45,0	30,0	12,0	22	17	22	EL-DKOS-10-G 3/8“-wd
630	12	G 3/8“	38,0	21,5	48,0	31,0	12,0	22	17	24	EL-DKOS-12-G 3/8“-wd
630	14	G 1/2“	40,0	22,0	54,0	35,0	14,0	27	19	27	EL-DKOS-14-G 1/2“-wd
630	16	G 1/2“	43,0	24,5	55,0	36,5	14,0	27	24	30	EL-DKOS-16-G 1/2“-wd
420	20	G 3/4“	48,0	26,5	65,0	44,5	16,0	32	27	36	EL-DKOS-20-G 3/4“-wd
420	25	G 1“	54,0	30,0	73,0	50,0	18,0	41	36	46	EL-DKOS-25-G 1“-wd
420	30	G 1 1/4“	62,0	35,5	78,5	55,0	20,0	50	41	50	EL-DKOS-30-G 1 1/4“-wd
420	38	G 1 1/2“	72,0	41,0	89,0	63,0	22,0	55	50	60	EL-DKOS-38-G 1 1/2“-wd

EL - EINSTELLBARE - L-VERSCHRAUBUNGEN

EL - ADJUSTABLE - RUN - TEES

Einstellbare L-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-Ring - FPM
Cutting Ring Connection at the Tube Connection side
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
500	6	G 1/8“	27,0	12,0	34,5	26,0	8,0	14	12	14	EL-DKOL-06-G 1/8“-wd-SC
500	8	G 1/4“	29,0	14,0	37,5	27,5	12,0	19	12	17	EL-DKOL-08-G 1/4“-wd-SC
500	10	G 1/4“	30,0	15,0	40,0	29,0	12,0	19	14	19	EL-DKOL-10-G 1/4“-wd-SC
400	12	G 3/8“	32,0	17,0	42,0	29,5	12,0	22	17	22	EL-DKOL-12-G 3/8“-wd-SC
400	15	G 1/2“	36,0	21,0	46,5	32,5	14,0	27	19	27	EL-DKOL-15-G 1/2“-wd-SC
400	18	G 1/2“	40,0	23,5	50,0	35,5	14,0	27	24	32	EL-DKOL-18-G 1/2“-wd-SC
250	22	G 3/4“	44,0	27,5	55,0	38,5	16,0	32	27	36	EL-DKOL-22-G 3/4“-wd-SC
250	28	G 1“	47,0	30,5	59,0	41,5	18,0	41	36	41	EL-DKOL-28-G 1“-wd-SC
250	35	G 1 1/4“	56,0	34,5	68,5	51,0	20,0	50	41	50	EL-DKOL-35-G 1 1/4“-wd-SC
250	42	G 1 1/2“	63,0	40,0	75,0	56,0	22,0	55	50	60	EL-DKOL-42-G 1 1/2“-wd-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
800	6	G 1/4“	31,0	16,0	40,0	27,0	12,0	19	12	17	EL-DKOS-06-G 1/4“-wd-SC
800	8	G 1/4“	32,0	17,0	42,5	27,5	12,0	19	14	19	EL-DKOS-08-G 1/4“-wd-SC
800	10	G 3/8“	34,0	17,5	45,0	30,0	12,0	22	17	22	EL-DKOS-10-G 3/8“-wd-SC
630	12	G 3/8“	38,0	21,5	48,0	31,0	12,0	22	17	24	EL-DKOS-12-G 3/8“-wd-SC
630	14	G 1/2“	40,0	22,0	54,0	35,0	14,0	27	19	27	EL-DKOS-14-G 1/2“-wd-SC
630	16	G 1/2“	43,0	24,5	55,0	36,5	14,0	27	24	30	EL-DKOS-16-G 1/2“-wd-SC
420	20	G 3/4“	48,0	26,5	65,0	44,5	16,0	32	27	36	EL-DKOS-20-G 3/4“-wd-SC
420	25	G 1“	54,0	30,0	73,0	50,0	18,0	41	36	46	EL-DKOS-25-G 1“-wd-SC
420	30	G 1 1/4“	62,0	35,5	78,5	55,0	20,0	50	41	50	EL-DKOS-30-G 1 1/4“-wd-SC
420	38	G 1 1/2“	72,0	41,0	89,0	63,0	22,0	55	50	60	EL-DKOS-38-G 1 1/2“-wd-SC

EL - EINSTELLBARE - L-VERSCHRAUBUNGEN
EL - ADJUSTABLE - RUN - TEES

Einstellbare L-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

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Cutting Ring Connection at the Tube Connection side
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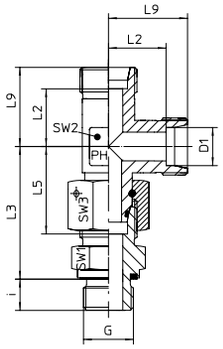

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L5**	**L9**	**i**	**SW1**	**SW2**	**SW3**	
500	6	G 1/8“	12,0	34,5	26,0	19,0	8,0	14	12	14	EL-DKOL-06-G 1/8“-wd-OMD
500	8	G 1/4“	14,0	37,5	27,5	21,0	12,0	19	12	17	EL-DKOL-08-G 1/4“-wd-OMD
500	10	G 1/4“	15,0	40,0	29,0	22,0	12,0	19	14	19	EL-DKOL-10-G 1/4“-wd-OMD
400	12	G 3/8“	17,0	42,0	29,5	24,0	12,0	22	17	22	EL-DKOL-12-G 3/8“-wd-OMD
400	15	G 1/2“	21,0	46,5	32,5	28,0	14,0	27	19	27	EL-DKOL-15-G 1/2“-wd-OMD
400	18	G 1/2“	23,5	50,0	35,5	31,0	14,0	27	24	32	EL-DKOL-18-G 1/2“-wd-OMD
250	22	G 3/4“	27,5	55,0	38,5	35,0	16,0	32	27	36	EL-DKOL-22-G 3/4“-wd-OMD
250	28	G 1“	30,5	59,0	41,5	38,0	18,0	41	36	41	EL-DKOL-28-G 1“-wd-OMD
250	35	G 1 1/4“	34,5	68,5	51,0	45,0	20,0	50	41	50	EL-DKOL-35-G 1 1/4“-wd-OMD
250	42	G 1 1/2“	40,0	75,0	56,0	51,0	22,0	55	50	60	EL-DKOL-42-G 1 1/2“-wd-OMD

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L5**	**L9**	**i**	**SW1**	**SW2**	**SW3**	
800	6	G 1/4“	16,0	40,0	27,0	23,0	12,0	19	12	17	EL-DKOS-06-G 1/4“-wd-OMD
800	8	G 1/4“	17,0	42,5	27,5	24,0	12,0	19	14	19	EL-DKOS-08-G 1/4“-wd-OMD
800	10	G 3/8“	17,5	45,0	30,0	25,0	12,0	22	17	22	EL-DKOS-10-G 3/8“-wd-OMD
630	12	G 3/8“	21,5	48,0	31,0	29,0	12,0	22	17	24	EL-DKOS-12-G 3/8“-wd-OMD
630	14	G 1/2“	22,0	54,0	35,0	30,0	14,0	27	19	27	EL-DKOS-14-G 1/2“-wd-OMD
630	16	G 1/2“	24,5	55,0	36,5	33,0	14,0	27	24	30	EL-DKOS-16-G 1/2“-wd-OMD
420	20	G 3/4“	26,5	65,0	44,5	37,0	16,0	32	27	36	EL-DKOS-20-G 3/4“-wd-OMD
420	25	G 1“	30,0	73,0	50,0	42,0	18,0	41	36	46	EL-DKOS-25-G 1“-wd-OMD
420	30	G 1 1/4“	35,5	78,5	55,0	49,0	20,0	50	41	50	EL-DKOS-30-G 1 1/4“-wd-OMD
420	38	G 1 1/2“	41,0	89,0	63,0	57,0	22,0	55	50	60	EL-DKOS-38-G 1 1/2“-wd-OMD

EL - EINSTELLBARE - L-VERSCHRAUBUNGEN

EL - ADJUSTABLE - RUN - TEES

Einstellbare L-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

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Cutting Ring Connection at the Tube Connection side
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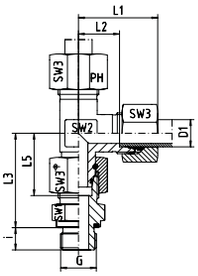

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
500	6	M 10 x 1	27,0	12,0	34,5	26,0	8,0	14	12	14	EL-DKOL-06-M 10x1-wd
500	8	M 12 x 1,5	29,0	14,0	37,5	27,5	12,0	17	12	17	EL-DKOL-08-M 12x1,5-wd
500	10	M 14 x 1,5	30,0	15,0	40,0	29,0	12,0	19	14	19	EL-DKOL-10-M 14x1,5-wd
400	12	M 16 x 1,5	32,0	17,0	42,0	29,5	12,0	22	17	22	EL-DKOL-12-M 16x1,5-wd
400	15	M 18 x 1,5	36,0	21,0	46,0	32,5	12,0	24	19	27	EL-DKOL-15-M 18x1,5-wd
400	18	M 22 x 1,5	40,0	23,5	50,0	35,5	14,0	27	24	32	EL-DKOL-18-M 22x1,5-wd
250	22	M 26 x 1,5	44,0	27,5	55,0	38,5	16,0	32	27	36	EL-DKOL-22-M 26x1,5-wd
250	28	M 33 x 2	47,0	30,5	59,0	41,5	18,0	41	36	41	EL-DKOL-28-M 33x3-wd
250	35	M 42 x 2	56,0	34,5	68,5	51,0	20,0	50	41	50	EL-DKOL-35-M 42x2-wd
250	42	M 48 x 2	63,0	40,0	75,0	56,0	22,0	55	50	60	EL-DKOL-42-M 48x2-wd

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
800	6	M 12 x 1,5	31,0	16,0	40,0	27,0	12,0	17	12	17	EL-DKOS-06-M 12x1,5-wd
800	8	M 14 x 1,5	32,0	17,0	42,5	27,5	12,0	19	14	19	EL-DKOS-08-M 14x1,5-wd
800	10	M 16 x 1,5	34,0	17,5	45,0	30,0	12,0	22	17	22	EL-DKOS-10-M 16x1,5-wd
630	12	M 18 x 1,5	38,0	21,5	48,0	31,0	12,0	24	17	24	EL-DKOS-12-M 18x1,5-wd
630	14	M 20 x 1,5	40,0	22,0	54,0	35,0	14,0	27	19	27	EL-DKOS-14-M 20x1,5-wd
630	16	M 22 x 1,5	43,0	24,5	55,0	36,5	14,0	27	24	30	EL-DKOS-16-M 22x1,5-wd
420	20	M 27 x 2	48,0	26,5	65,0	44,5	16,0	32	27	36	EL-DKOS-20-M 27x2-wd
420	25	M 33 x 2	54,0	30,0	73,0	50,0	18,0	41	36	46	EL-DKOS-25-M 33x2-wd
420	30	M 42 x 2	62,0	35,5	78,5	55,0	20,0	50	41	50	EL-DKOS-30-M 42x2-wd
420	38	M 48 x 2	72,0	41,0	89,0	63,0	22,0	55	50	60	EL-DKOS-38-M 48x2-wd

EL - EINSTELLBARE - L-VERSCHRAUBUNGEN
EL - ADJUSTABLE - RUN - TEES

Einstellbare L-Verschraubungen mit Dichtkegel
und O-Ring FPM
Rohrseitig Schneidringanschluss
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
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With Taper and O-Ring - FPM
Cutting Ring Connection at the Tube Connection side
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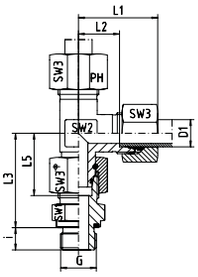

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
500	6	M 10 x 1	27,0	12,0	34,5	26,0	8,0	14	12	14	EL-DKOL-06-M 10x1-wd-SC
500	8	M 12 x 1,5	29,0	14,0	37,5	27,5	12,0	17	12	17	EL-DKOL-08-M 12x1,5-wd-SC
500	10	M 14 x 1,5	30,0	15,0	40,0	29,0	12,0	19	14	19	EL-DKOL-10-M 14x1,5-wd-SC
400	12	M 16 x 1,5	32,0	17,0	42,0	29,5	12,0	22	17	22	EL-DKOL-12-M 16x1,5-wd-SC
400	15	M 18 x 1,5	36,0	21,0	46,0	32,5	12,0	24	19	27	EL-DKOL-15-M 18x1,5-wd-SC
400	18	M 22 x 1,5	40,0	23,5	50,0	35,5	14,0	27	24	32	EL-DKOL-18-M 22x1,5-wd-SC
250	22	M 26 x 1,5	44,0	27,5	55,0	38,5	16,0	32	27	36	EL-DKOL-22-M 26x1,5-wd-SC
250	28	M 33 x 2	47,0	30,5	59,0	41,5	18,0	41	36	41	EL-DKOL-28-M 33x3-wd-SC
250	35	M 42 x 2	56,0	34,5	68,5	51,0	20,0	50	41	50	EL-DKOL-35-M 42x2-wd-SC
250	42	M 48 x 2	63,0	40,0	75,0	56,0	22,0	55	50	60	EL-DKOL-42-M 48x2-wd-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**L3**	**L5**	**i**	**SW1**	**SW2**	**SW3**	
800	6	M 12 x 1,5	31,0	16,0	40,0	27,0	12,0	17	12	17	EL-DKOS-06-M 12x1,5-wd-SC
800	8	M 14 x 1,5	32,0	17,0	42,5	27,5	12,0	19	14	19	EL-DKOS-08-M 14x1,5-wd-SC
800	10	M 16 x 1,5	34,0	17,5	45,0	30,0	12,0	22	17	22	EL-DKOS-10-M 16x1,5-wd-SC
630	12	M 18 x 1,5	38,0	21,5	48,0	31,0	12,0	24	17	24	EL-DKOS-12-M 18x1,5-wd-SC
630	14	M 20 x 1,5	40,0	22,0	54,0	35,0	14,0	27	19	27	EL-DKOS-14-M 20x1,5-wd-SC
630	16	M 22 x 1,5	43,0	24,5	55,0	36,5	14,0	27	24	30	EL-DKOS-16-M 22x1,5-wd-SC
420	20	M 27 x 2	48,0	26,5	65,0	44,5	16,0	32	27	36	EL-DKOS-20-M 27x2-wd-SC
420	25	M 33 x 2	54,0	30,0	73,0	50,0	18,0	41	36	46	EL-DKOS-25-M 33x2-wd-SC
420	30	M 42 x 2	62,0	35,5	78,5	55,0	20,0	50	41	50	EL-DKOS-30-M 42x2-wd-SC
420	38	M 48 x 2	72,0	41,0	89,0	63,0	22,0	55	50	60	EL-DKOS-38-M 48x2-wd-SC

EL - EINSTELLBARE - L-VERSCHRAUBUNGEN

EL - ADJUSTABLE - RUN - TEES

Einstellbare L-Verschraubungen mit Dichtkegel
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Rohrseitig Schneidringanschluss
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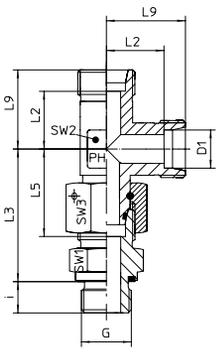


Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L5**	**L9**	**i**	**SW1**	**SW2**	**SW3**	
500	6	M 10 x 1	12,0	34,5	26,0	19,0	8,0	14	12	14	EL-DKOL-06-M 10x1-wd-OMD
500	8	M 12 x 1,5	14,0	37,5	27,5	21,0	12,0	17	12	17	EL-DKOL-08-M 12x1,5-wd-OMD
500	10	M 14 x 1,5	15,0	40,0	29,0	22,0	12,0	19	14	19	EL-DKOL-10-M 14x1,5-wd-OMD
400	12	M 16 x 1,5	17,0	42,0	29,5	24,0	12,0	22	17	22	EL-DKOL-12-M 16x1,5-wd-OMD
400	15	M 18 x 1,5	21,0	46,0	32,5	28,0	12,0	24	19	27	EL-DKOL-15-M 18x1,5-wd-OMD
400	18	M 22 x 1,5	23,5	50,0	35,5	31,0	14,0	27	24	32	EL-DKOL-18-M 22x1,5-wd-OMD
250	22	M 26 x 1,5	27,5	55,0	38,5	35,0	16,0	32	27	36	EL-DKOL-22-M 26x1,5-wd-OMD
250	28	M 33 x 2	30,5	59,0	41,5	38,0	18,0	41	36	41	EL-DKOL-28-M 33x3-wd-OMD
250	35	M 42 x 2	34,5	68,5	51,0	45,0	20,0	50	41	50	EL-DKOL-35-M 42x2-wd-OMD
250	42	M 48 x 2	40,0	75,0	56,0	51,0	22,0	55	50	60	EL-DKOL-42-M 48x2-wd-OMD

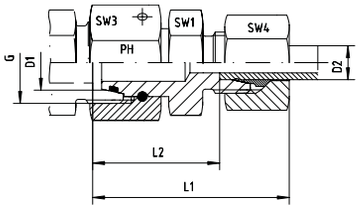
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions								Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L3**	**L5**	**L9**	**i**	**SW1**	**SW2**	**SW3**	
800	6	M 12 x 1,5	16,0	40,0	27,0	23,0	12,0	17	12	17	EL-DKOS-06-M 12x1,5-wd-OMD
800	8	M 14 x 1,5	17,0	42,5	27,5	24,0	12,0	19	14	19	EL-DKOS-08-M 14x1,5-wd-OMD
800	10	M 16 x 1,5	17,5	45,0	30,0	25,0	12,0	22	17	22	EL-DKOS-10-M 16x1,5-wd-OMD
630	12	M 18 x 1,5	21,5	48,0	31,0	29,0	12,0	24	17	24	EL-DKOS-12-M 18x1,5-wd-OMD
630	14	M 20 x 1,5	22,0	54,0	35,0	30,0	14,0	27	19	27	EL-DKOS-14-M 20x1,5-wd-OMD
630	16	M 22 x 1,5	24,5	55,0	36,5	33,0	14,0	27	24	30	EL-DKOS-16-M 22x1,5-wd-OMD
420	20	M 27 x 2	26,5	65,0	44,5	37,0	16,0	32	27	36	EL-DKOS-20-M 27x2-wd-OMD
420	25	M 33 x 2	30,0	73,0	50,0	42,0	18,0	41	36	46	EL-DKOS-25-M 33x2-wd-OMD
420	30	M 42 x 2	35,5	78,5	55,0	49,0	20,0	50	41	50	EL-DKOS-30-M 42x2-wd-OMD
420	38	M 48 x 2	41,0	89,0	63,0	57,0	22,0	55	50	60	EL-DKOS-38-M 48x2-wd-OMD

RED - REDUZIER - VERSCHRAUBUNGEN
RED - REDUCING - COUPLINGS

Mit Dichtkegel und O-Ring (DKO) - FPM
Passend in Bohrungsform W DIN 3861
Andere Abmessungen auf Anfrage!

With Taper and O-ring - FPM
For Type of Port End W DIN 3861
Other dimensions on request!



Reihe / Series L

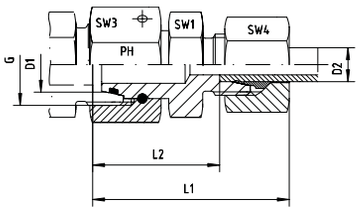
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	D2	G	L1	L2	SW1	SW3	SW4		
500	8	6	M 14 x 1,5	38,0	23,5	12	17	14		RED-DKOL-08/06
500	10	6	M 16 x 1,5	40,0	25,0	14	19	14		RED-DKOL-10/06
500	10	8	M 16 x 1,5	40,0	25,0	14	19	17		RED-DKOL-10/08
400	12	6	M 18 x 1,5	40,0	25,0	17	22	14		RED-DKOL-12/06
400	12	8	M 18 x 1,5	40,0	25,0	17	22	17		RED-DKOL-12/08
400	12	10	M 18 x 1,5	41,0	26,0	17	22	19		RED-DKOL-12/10
400	15	6	M 22 x 1,5	43,0	28,5	19	27	14		RED-DKOL-15/06
400	15	8	M 22 x 1,5	43,0	28,5	19	27	17		RED-DKOL-15/08
400	15	10	M 22 x 1,5	44,0	29,5	19	27	19		RED-DKOL-15/10
400	15	12	M 22 x 1,5	44,0	29,5	19	27	22		RED-DKOL-15/12
400	18	6	M 26 x 1,5	43,0	28,0	24	32	14		RED-DKOL-18/06
400	18	8	M 26 x 1,5	43,0	28,0	24	32	17		RED-DKOL-18/08
400	18	10	M 26 x 1,5	44,0	29,0	24	32	19		RED-DKOL-18/10
400	18	12	M 26 x 1,5	44,0	29,0	24	32	22		RED-DKOL-18/12
400	18	15	M 26 x 1,5	45,0	30,0	24	32	27		RED-DKOL-18/15
250	22	6	M 30 x 2	47,0	32,0	27	36	14		RED-DKOL-22/06
250	22	8	M 30 x 2	47,0	32,0	27	36	17		RED-DKOL-22/08
250	22	10	M 30 x 2	48,0	33,0	27	36	19		RED-DKOL-22/10
250	22	12	M 30 x 2	48,0	33,0	27	36	22		RED-DKOL-22/12
250	22	15	M 30 x 2	49,0	34,0	27	36	27		RED-DKOL-22/15
250	22	18	M 30 x 2	50,0	33,5	27	36	32		RED-DKOL-22/18
250	28	6	M 36 x 2	49,0	34,0	32	41	14		RED-DKOL-28/06
250	28	8	M 36 x 2	49,0	34,0	32	41	17		RED-DKOL-28/08
250	28	10	M 36 x 2	50,0	35,0	32	41	19		RED-DKOL-28/10
250	28	12	M 36 x 2	50,0	35,0	32	41	22		RED-DKOL-28/12
250	28	15	M 36 x 2	51,0	36,0	32	41	27		RED-DKOL-28/15
250	28	18	M 36 x 2	52,0	35,5	32	41	32		RED-DKOL-28/18
250	28	22	M 36 x 2	54,0	37,5	32	41	36		RED-DKOL-28/22
250	35	6	M 45 x 2	52,0	37,0	41	50	14		RED-DKOL-35/06
250	35	8	M 45 x 2	52,0	37,0	41	50	17		RED-DKOL-35/08
250	35	10	M 45 x 2	53,0	38,0	41	50	19		RED-DKOL-35/10
250	35	12	M 45 x 2	53,0	38,0	41	50	22		RED-DKOL-35/12
250	35	15	M 45 x 2	54,0	39,0	41	50	27		RED-DKOL-35/15
250	35	18	M 45 x 2	55,0	38,5	41	50	32		RED-DKOL-35/18
250	35	22	M 45 x 2	57,0	40,5	41	50	36		RED-DKOL-35/22
250	35	28	M 45 x 2	57,0	40,5	41	50	41		RED-DKOL-35/28
250	42	6	M 52 x 2	55,0	40,5	50	60	14		RED-DKOL-42/06
250	42	8	M 52 x 2	55,0	40,5	50	60	17		RED-DKOL-42/08
250	42	10	M 52 x 2	56,0	41,5	50	60	19		RED-DKOL-42/10
250	42	12	M 52 x 2	56,0	41,5	50	60	22		RED-DKOL-42/12
250	42	15	M 52 x 2	58,0	42,5	50	60	27		RED-DKOL-42/15
250	42	18	M 52 x 2	58,0	42,0	50	60	32		RED-DKOL-42/18
250	42	22	M 52 x 2	60,0	44,0	50	60	36		RED-DKOL-42/22
250	42	28	M 52 x 2	61,0	44,0	50	60	41		RED-DKOL-42/28
250	42	35	M 52 x 2	65,0	43,0	50	60	50		RED-DKOL-42/35

RED - REDUZIER - VERSCHRAUBUNGEN

RED - REDUCING - COUPLINGS

Mit Dichtkegel und O-Ring (DKO) - FPM
Passend in Bohrungsform W DIN 3861
Andere Abmessungen auf Anfrage!

With Taper and O-ring - FPM
For Type of Port End W DIN 3861
Other dimensions on request!

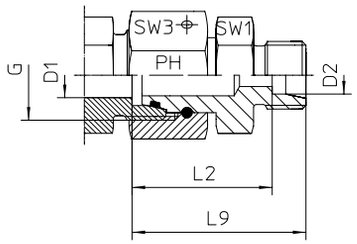


Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	D2	G	L1	L2	SW1	SW3	SW4		
500	8	6	M 14 x 1,5	38,0	23,5	12	17	14		RED-DKOL-08/06-SC
500	10	6	M 16 x 1,5	40,0	25,0	14	19	14		RED-DKOL-10/06-SC
500	10	8	M 16 x 1,5	40,0	25,0	14	19	17		RED-DKOL-10/08-SC
400	12	6	M 18 x 1,5	40,0	25,0	17	22	14		RED-DKOL-12/06-SC
400	12	8	M 18 x 1,5	40,0	25,0	17	22	17		RED-DKOL-12/08-SC
400	12	10	M 18 x 1,5	41,0	26,0	17	22	19		RED-DKOL-12/10-SC
400	15	6	M 22 x 1,5	43,0	28,5	19	27	14		RED-DKOL-15/06-SC
400	15	8	M 22 x 1,5	43,0	28,5	19	27	17		RED-DKOL-15/08-SC
400	15	10	M 22 x 1,5	44,0	29,5	19	27	19		RED-DKOL-15/10-SC
400	15	12	M 22 x 1,5	44,0	29,5	19	27	22		RED-DKOL-15/12-SC
400	18	6	M 26 x 1,5	43,0	28,0	24	32	14		RED-DKOL-18/06-SC
400	18	8	M 26 x 1,5	43,0	28,0	24	32	17		RED-DKOL-18/08-SC
400	18	10	M 26 x 1,5	44,0	29,0	24	32	19		RED-DKOL-18/10-SC
400	18	12	M 26 x 1,5	44,0	29,0	24	32	22		RED-DKOL-18/12-SC
400	18	15	M 26 x 1,5	45,0	30,0	24	32	27		RED-DKOL-18/15-SC
250	22	6	M 30 x 2	47,0	32,0	27	36	14		RED-DKOL-22/06-SC
250	22	8	M 30 x 2	47,0	32,0	27	36	17		RED-DKOL-22/08-SC
250	22	10	M 30 x 2	48,0	33,0	27	36	19		RED-DKOL-22/10-SC
250	22	12	M 30 x 2	48,0	33,0	27	36	22		RED-DKOL-22/12-SC
250	22	15	M 30 x 2	49,0	34,0	27	36	27		RED-DKOL-22/15-SC
250	22	18	M 30 x 2	50,0	33,5	27	36	32		RED-DKOL-22/18-SC
250	28	6	M 36 x 2	49,0	34,0	32	41	14		RED-DKOL-28/06-SC
250	28	8	M 36 x 2	49,0	34,0	32	41	17		RED-DKOL-28/08-SC
250	28	10	M 36 x 2	50,0	35,0	32	41	19		RED-DKOL-28/10-SC
250	28	12	M 36 x 2	50,0	35,0	32	41	22		RED-DKOL-28/12-SC
250	28	15	M 36 x 2	51,0	36,0	32	41	27		RED-DKOL-28/15-SC
250	28	18	M 36 x 2	52,0	35,5	32	41	32		RED-DKOL-28/18-SC
250	28	22	M 36 x 2	54,0	37,5	32	41	36		RED-DKOL-28/22-SC
250	35	6	M 45 x 2	52,0	37,0	41	50	14		RED-DKOL-35/06-SC
250	35	8	M 45 x 2	52,0	37,0	41	50	17		RED-DKOL-35/08-SC
250	35	10	M 45 x 2	53,0	38,0	41	50	19		RED-DKOL-35/10-SC
250	35	12	M 45 x 2	53,0	38,0	41	50	22		RED-DKOL-35/12-SC
250	35	15	M 45 x 2	54,0	39,0	41	50	27		RED-DKOL-35/15-SC
250	35	18	M 45 x 2	55,0	38,5	41	50	32		RED-DKOL-35/18-SC
250	35	22	M 45 x 2	57,0	40,5	41	50	36		RED-DKOL-35/22-SC
250	35	28	M 45 x 2	57,0	40,5	41	50	41		RED-DKOL-35/28-SC
250	42	6	M 52 x 2	55,0	40,5	50	60	14		RED-DKOL-42/06-SC
250	42	8	M 52 x 2	55,0	40,5	50	60	17		RED-DKOL-42/08-SC
250	42	10	M 52 x 2	56,0	41,5	50	60	19		RED-DKOL-42/10-SC
250	42	12	M 52 x 2	56,0	41,5	50	60	22		RED-DKOL-42/12-SC
250	42	15	M 52 x 2	58,0	42,5	50	60	27		RED-DKOL-42/15-SC
250	42	18	M 52 x 2	58,0	42,0	50	60	32		RED-DKOL-42/18-SC
250	42	22	M 52 x 2	60,0	44,0	50	60	36		RED-DKOL-42/22-SC
250	42	28	M 52 x 2	61,0	44,0	50	60	41		RED-DKOL-42/28-SC
250	42	35	M 52 x 2	65,0	43,0	50	60	50		RED-DKOL-42/35-SC

Mit Dichtkegel und O-Ring (DKO) - FPM
Passend in Bohrungsform W DIN 3861
Andere Abmessungen auf Anfrage!

With Taper and O-ring - FPM
For Type of Port End W DIN 3861
Other dimensions on request!



Reihe / Series L

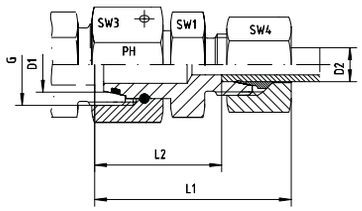
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	D2	G	L2	L9	SW1	SW3		
500	8	6	M 14 x 1,5	23,5	30,5	12,0	17,0		RED-DKOL-08/06-OMD
500	10	6	M 16 x 1,5	25,0	32,0	14,0	19,0		RED-DKOL-10/06-OMD
500	10	8	M 16 x 1,5	25,0	32,0	14,0	19,0		RED-DKOL-10/08-OMD
400	12	6	M 18 x 1,5	25,0	32,0	17,0	22,0		RED-DKOL-12/06-OMD
400	12	8	M 18 x 1,5	25,0	32,0	17,0	22,0		RED-DKOL-12/08-OMD
400	12	10	M 18 x 1,5	26,0	33,0	17,0	22,0		RED-DKOL-12/10-OMD
400	15	6	M 22 x 1,5	28,5	35,5	19,0	27,0		RED-DKOL-15/06-OMD
400	15	8	M 22 x 1,5	28,5	35,5	19,0	27,0		RED-DKOL-15/08-OMD
400	15	10	M 22 x 1,5	29,5	36,5	19,0	27,0		RED-DKOL-15/10-OMD
400	15	12	M 22 x 1,5	29,5	36,5	19,0	27,0		RED-DKOL-15/12-OMD
400	18	6	M 26 x 1,5	28,0	35,0	24,0	32,0		RED-DKOL-18/06-OMD
400	18	8	M 26 x 1,5	28,0	35,0	24,0	32,0		RED-DKOL-18/08-OMD
400	18	10	M 26 x 1,5	29,0	35,0	24,0	32,0		RED-DKOL-18/10-OMD
400	18	12	M 26 x 1,5	29,0	35,0	24,0	32,0		RED-DKOL-18/12-OMD
400	18	15	M 26 x 1,5	30,0	37,0	24,0	32,0		RED-DKOL-18/15-OMD
250	22	6	M 30 x 2	32,0	39,0	27,0	36,0		RED-DKOL-22/06-OMD
250	22	8	M 30 x 2	32,0	39,0	27,0	36,0		RED-DKOL-22/08-OMD
250	22	10	M 30 x 2	33,0	40,0	27,0	36,0		RED-DKOL-22/10-OMD
250	22	12	M 30 x 2	33,0	40,0	27,0	36,0		RED-DKOL-22/12-OMD
250	22	15	M 30 x 2	34,0	41,0	27,0	36,0		RED-DKOL-22/15-OMD
250	22	18	M 30 x 2	33,5	41,0	27,0	36,0		RED-DKOL-22/18-OMD
250	28	6	M 36 x 2	34,0	41,0	32,0	41,0		RED-DKOL-28/06-OMD
250	28	8	M 36 x 2	34,0	41,0	32,0	41,0		RED-DKOL-28/08-OMD
250	28	10	M 36 x 2	35,0	42,0	32,0	41,0		RED-DKOL-28/10-OMD
250	28	12	M 36 x 2	35,0	42,0	32,0	41,0		RED-DKOL-28/12-OMD
250	28	15	M 36 x 2	36,0	43,0	32,0	41,0		RED-DKOL-28/15-OMD
250	28	18	M 36 x 2	35,5	43,0	32,0	41,0		RED-DKOL-28/18-OMD
250	28	22	M 36 x 2	37,5	45,0	32,0	41,0		RED-DKOL-28/22-OMD
250	35	6	M 45 x 2	37,0	44,0	41,0	50,0		RED-DKOL-35/06-OMD
250	35	8	M 45 x 2	37,0	44,0	41,0	50,0		RED-DKOL-35/08-OMD
250	35	10	M 45 x 2	38,0	45,0	41,0	50,0		RED-DKOL-35/10-OMD
250	35	12	M 45 x 2	38,0	45,0	41,0	50,0		RED-DKOL-35/12-OMD
250	35	15	M 45 x 2	39,0	46,0	41,0	50,0		RED-DKOL-35/15-OMD
250	35	18	M 45 x 2	38,5	46,0	41,0	50,0		RED-DKOL-35/18-OMD
250	35	22	M 45 x 2	40,5	48,0	41,0	50,0		RED-DKOL-35/22-OMD
250	35	28	M 45 x 2	40,5	48,0	41,0	50,0		RED-DKOL-35/28-OMD
250	42	6	M 52 x 2	40,5	47,5	50,0	60,0		RED-DKOL-42/06-OMD
250	42	8	M 52 x 2	40,5	47,5	50,0	60,0		RED-DKOL-42/08-OMD
250	42	10	M 52 x 2	41,5	48,5	50,0	60,0		RED-DKOL-42/10-OMD
250	42	12	M 52 x 2	41,5	48,5	50,0	60,0		RED-DKOL-42/12-OMD
250	42	15	M 52 x 2	42,5	49,5	50,0	60,0		RED-DKOL-42/15-OMD
250	42	18	M 52 x 2	42,0	49,5	50,0	60,0		RED-DKOL-42/18-OMD
250	42	22	M 52 x 2	44,0	51,5	50,0	60,0		RED-DKOL-42/22-OMD
250	42	28	M 52 x 2	44,0	51,5	50,0	60,0		RED-DKOL-42/28-OMD
250	42	35	M 52 x 2	43,0	53,5	50,0	60,0		RED-DKOL-42/35-OMD

RED - REDUZIER - VERSCHRAUBUNGEN

RED - REDUCING - COUPLINGS

Mit Dichtkegel und O-Ring (DKO) - FPM
Passend in Bohrungsform W DIN 3861
Andere Abmessungen auf Anfrage!

With Taper and O-ring - FPM
For Type of Port End W DIN 3861
Other dimensions on request!



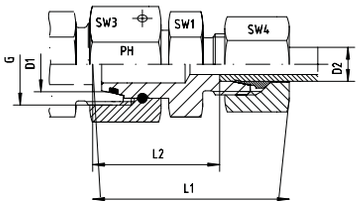
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	D2	G	L1	L2	SW1	SW3	SW4		
800	8	6	M 16 x 1,5	42,0	27,0	14	19	17		RED-DKOS-08/06
800	10	6	M 18 x 1,5	42,0	27,5	17	22	17		RED-DKOS-10/06
800	10	8	M 18 x 1,5	42,0	27,5	17	22	19		RED-DKOS-10/08
630	12	6	M 20 x 1,5	44,0	29,0	17	24	17		RED-DKOS-12/06
630	12	8	M 20 x 1,5	44,0	29,0	17	24	19		RED-DKOS-12/08
630	12	10	M 20 x 1,5	46,0	29,5	19	24	22		RED-DKOS-12/10
630	14	6	M 22 x 1,5	46,0	31,5	19	27	17		RED-DKOS-14/06
630	14	8	M 22 x 1,5	46,0	31,5	19	27	19		RED-DKOS-14/08
630	14	10	M 22 x 1,5	47,0	31,0	19	27	22		RED-DKOS-14/10
630	14	12	M 22 x 1,5	47,0	31,0	22	27	24		RED-DKOS-14/12
630	16	6	M 24 x 1,5	47,0	32,0	22	30	17		RED-DKOS-16/06
630	16	8	M 24 x 1,5	47,0	32,0	22	30	19		RED-DKOS-16/08
630	16	10	M 24 x 1,5	48,0	31,5	22	30	22		RED-DKOS-16/10
630	16	12	M 24 x 1,5	48,0	31,5	22	30	24		RED-DKOS-16/12
630	16	14	M 24 x 1,5	51,0	33,0	22	30	27		RED-DKOS-16/14
420	20	6	M 30 x 2	51,0	36,0	27	36	17		RED-DKOS-20/06
420	20	8	M 30 x 2	51,0	36,0	27	36	19		RED-DKOS-20/08
420	20	10	M 30 x 2	52,0	35,5	27	36	22		RED-DKOS-20/10
420	20	12	M 30 x 2	52,0	35,5	27	36	24		RED-DKOS-20/12
420	20	14	M 30 x 2	55,0	37,0	27	36	27		RED-DKOS-20/14
420	20	16	M 30 x 2	55,0	36,5	27	36	30		RED-DKOS-20/16
420	25	6	M 36 x 2	53,0	38,5	32	41	17		RED-DKOS-25/06
420	25	8	M 36 x 2	53,0	38,5	32	41	19		RED-DKOS-25/08
420	25	10	M 36 x 2	54,0	38,0	32	41	22		RED-DKOS-25/10
420	25	12	M 36 x 2	54,0	38,0	32	41	24		RED-DKOS-25/12
420	25	14	M 36 x 2	57,0	39,5	32	41	27		RED-DKOS-25/14
420	25	16	M 36 x 2	57,0	39,0	32	41	30		RED-DKOS-25/16
420	25	20	M 36 x 2	61,0	39,0	32	41	36		RED-DKOS-25/20
420	30	6	M 42 x 2	59,0	44,0	41	50	17		RED-DKOS-30/06
420	30	8	M 42 x 2	59,0	44,0	41	50	19		RED-DKOS-30/08
420	30	10	M 42 x 2	60,0	43,5	41	50	22		RED-DKOS-30/10
420	30	12	M 42 x 2	60,0	43,5	41	50	24		RED-DKOS-30/12
420	30	14	M 42 x 2	63,0	45,0	41	50	27		RED-DKOS-30/14
420	30	16	M 42 x 2	63,0	44,5	41	50	30		RED-DKOS-30/16
420	30	20	M 42 x 2	66,0	44,5	41	50	36		RED-DKOS-30/20
420	30	25	M 42 x 2	69,0	45,0	41	50	46		RED-DKOS-30/25
420	38	6	M 52 x 2	63,0	47,0	50	60	17		RED-DKOS-38/06
420	38	8	M 52 x 2	63,0	47,0	50	60	19		RED-DKOS-38/08
420	38	10	M 52 x 2	63,0	47,0	50	60	22		RED-DKOS-38/10
420	38	12	M 52 x 2	63,0	47,0	50	60	24		RED-DKOS-38/12
420	38	14	M 52 x 2	66,0	48,5	50	60	27		RED-DKOS-38/14
420	38	16	M 52 x 2	66,0	48,0	50	60	30		RED-DKOS-38/16
420	38	20	M 52 x 2	70,0	48,0	50	60	36		RED-DKOS-38/20
420	38	25	M 52 x 2	73,0	48,5	50	60	46		RED-DKOS-38/25
420	38	30	M 52 x 2	76,0	49,0	50	60	50		RED-DKOS-38/30

RED - REDUZIER - VERSCHRAUBUNGEN
RED - REDUCING - COUPLINGS

Mit Dichtkegel und O-Ring (DKO) - FPM
Passend in Bohrungsform W DIN 3861
Andere Abmessungen auf Anfrage!

With Taper and O-ring - FPM
For Type of Port End W DIN 3861
Other dimensions on request!



Reihe / Series S

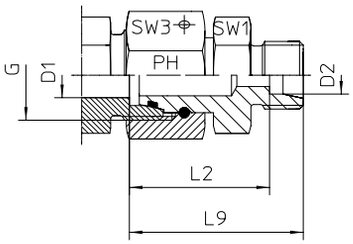
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	D2	G	L1	L2	SW1	SW3	SW4		
800	8	6	M 16 x 1,5	42,0	27,0	14	19	17		RED-DKOS-08/06-SC
800	10	6	M 18 x 1,5	42,0	27,5	17	22	17		RED-DKOS-10/06-SC
800	10	8	M 18 x 1,5	42,0	27,5	17	22	19		RED-DKOS-10/08-SC
630	12	6	M 20 x 1,5	44,0	29,0	17	24	17		RED-DKOS-12/06-SC
630	12	8	M 20 x 1,5	44,0	29,0	17	24	19		RED-DKOS-12/08-SC
630	12	10	M 20 x 1,5	46,0	29,5	19	24	22		RED-DKOS-12/10-SC
630	14	6	M 22 x 1,5	46,0	31,5	19	27	17		RED-DKOS-14/06-SC
630	14	8	M 22 x 1,5	46,0	31,5	19	27	19		RED-DKOS-14/08-SC
630	14	10	M 22 x 1,5	47,0	31,0	19	27	22		RED-DKOS-14/10-SC
630	14	12	M 22 x 1,5	47,0	31,0	22	27	24		RED-DKOS-14/12-SC
630	16	6	M 24 x 1,5	47,0	32,0	22	30	17		RED-DKOS-16/06-SC
630	16	8	M 24 x 1,5	47,0	32,0	22	30	19		RED-DKOS-16/08-SC
630	16	10	M 24 x 1,5	48,0	31,5	22	30	22		RED-DKOS-16/10-SC
630	16	12	M 24 x 1,5	48,0	31,5	22	30	24		RED-DKOS-16/12-SC
630	16	14	M 24 x 1,5	51,0	33,0	22	30	27		RED-DKOS-16/14-SC
420	20	6	M 30 x 2	51,0	36,0	27	36	17		RED-DKOS-20/06-SC
420	20	8	M 30 x 2	51,0	36,0	27	36	19		RED-DKOS-20/08-SC
420	20	10	M 30 x 2	52,0	35,5	27	36	22		RED-DKOS-20/10-SC
420	20	12	M 30 x 2	52,0	35,5	27	36	24		RED-DKOS-20/12-SC
420	20	14	M 30 x 2	55,0	37,0	27	36	27		RED-DKOS-20/14-SC
420	20	16	M 30 x 2	55,0	36,5	27	36	30		RED-DKOS-20/16-SC
420	25	6	M 36 x 2	53,0	38,5	32	41	17		RED-DKOS-25/06-SC
420	25	8	M 36 x 2	53,0	38,5	32	41	19		RED-DKOS-25/08-SC
420	25	10	M 36 x 2	54,0	38,0	32	41	22		RED-DKOS-25/10-SC
420	25	12	M 36 x 2	54,0	38,0	32	41	24		RED-DKOS-25/12-SC
420	25	14	M 36 x 2	57,0	39,5	32	41	27		RED-DKOS-25/14-SC
420	25	16	M 36 x 2	57,0	39,0	32	41	30		RED-DKOS-25/16-SC
420	25	20	M 36 x 2	61,0	39,0	32	41	36		RED-DKOS-25/20-SC
420	30	6	M 42 x 2	59,0	44,0	41	50	17		RED-DKOS-30/06-SC
420	30	8	M 42 x 2	59,0	44,0	41	50	19		RED-DKOS-30/08-SC
420	30	10	M 42 x 2	60,0	43,5	41	50	22		RED-DKOS-30/10-SC
420	30	12	M 42 x 2	60,0	43,5	41	50	24		RED-DKOS-30/12-SC
420	30	14	M 42 x 2	63,0	45,0	41	50	27		RED-DKOS-30/14-SC
420	30	16	M 42 x 2	63,0	44,5	41	50	30		RED-DKOS-30/16-SC
420	30	20	M 42 x 2	66,0	44,5	41	50	36		RED-DKOS-30/20-SC
420	30	25	M 42 x 2	69,0	45,0	41	50	46		RED-DKOS-30/25-SC
420	38	6	M 52 x 2	63,0	47,0	50	60	17		RED-DKOS-38/06-SC
420	38	8	M 52 x 2	63,0	47,0	50	60	19		RED-DKOS-38/08-SC
420	38	10	M 52 x 2	63,0	47,0	50	60	22		RED-DKOS-38/10-SC
420	38	12	M 52 x 2	63,0	47,0	50	60	24		RED-DKOS-38/12-SC
420	38	14	M 52 x 2	66,0	48,5	50	60	27		RED-DKOS-38/14-SC
420	38	16	M 52 x 2	66,0	48,0	50	60	30		RED-DKOS-38/16-SC
420	38	20	M 52 x 2	70,0	48,0	50	60	36		RED-DKOS-38/20-SC
420	38	25	M 52 x 2	73,0	48,5	50	60	46		RED-DKOS-38/25-SC
420	38	30	M 52 x 2	76,0	49,0	50	60	50		RED-DKOS-38/30-SC

RED - REDUZIER - VERSCHRAUBUNGEN

RED - REDUCING - COUPLINGS

Mit Dichtkegel und O-Ring (DKO) - FPM
Passend in Bohrungsform W DIN 3861
Andere Abmessungen auf Anfrage!

With Taper and O-ring - FPM
For Type of Port End W DIN 3861
Other dimensions on request!



Reihe / Series S

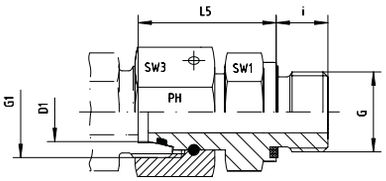
Druck Pressure	Rohr A.D. Tube O.D.		Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**G**	**L2**	**L9**	**SW1**	**SW2**		
800	8	6	M 16 x 1,5	27,0	34,0	14,0	19,0		RED-DKOS-08/06-OMD
800	10	6	M 18 x 1,5	27,5	34,5	17,0	22,0		RED-DKOS-10/06-OMD
800	10	8	M 18 x 1,5	27,5	34,5	17,0	22,0		RED-DKOS-10/08-OMD
630	12	6	M 20 x 1,5	29,0	37,0	17,0	24,0		RED-DKOS-12/06-OMD
630	12	8	M 20 x 1,5	29,0	37,0	17,0	24,0		RED-DKOS-12/08-OMD
630	12	10	M 20 x 1,5	29,5	37,0	19,0	24,0		RED-DKOS-12/10-OMD
630	14	6	M 22 x 1,5	31,5	38,5	19,0	27,0		RED-DKOS-14/06-OMD
630	14	8	M 22 x 1,5	31,5	38,5	19,0	27,0		RED-DKOS-14/08-OMD
630	14	10	M 22 x 1,5	31,0	38,5	19,0	27,0		RED-DKOS-14/10-OMD
630	14	12	M 22 x 1,5	31,0	38,5	22,0	27,0		RED-DKOS-14/12-OMD
630	16	6	M 24 x 1,5	32,0	39,0	22,0	30,0		RED-DKOS-16/06-OMD
630	16	8	M 24 x 1,5	32,0	39,0	22,0	30,0		RED-DKOS-16/08-OMD
630	16	10	M 24 x 1,5	31,5	39,0	22,0	30,0		RED-DKOS-16/10-OMD
630	16	12	M 24 x 1,5	31,5	39,0	22,0	30,0		RED-DKOS-16/12-OMD
630	16	14	M 24 x 1,5	33,0	41,0	22,0	30,0		RED-DKOS-16/14-OMD
420	20	6	M 30 x 2	36,0	43,0	27,0	36,0		RED-DKOS-20/06-OMD
420	20	8	M 30 x 2	36,0	43,0	27,0	36,0		RED-DKOS-20/08-OMD
420	20	10	M 30 x 2	35,5	43,0	27,0	36,0		RED-DKOS-20/10-OMD
420	20	12	M 30 x 2	35,5	43,0	27,0	36,0		RED-DKOS-20/12-OMD
420	20	14	M 30 x 2	37,0	45,0	27,0	36,0		RED-DKOS-20/14-OMD
420	20	16	M 30 x 2	36,5	45,0	27,0	36,0		RED-DKOS-20/16-OMD
420	25	6	M 36 x 2	38,5	45,5	32,0	41,0		RED-DKOS-25/06-OMD
420	25	8	M 36 x 2	38,5	45,5	32,0	41,0		RED-DKOS-25/08-OMD
420	25	10	M 36 x 2	38,0	45,5	32,0	41,0		RED-DKOS-25/10-OMD
420	25	12	M 36 x 2	38,0	45,5	32,0	41,0		RED-DKOS-25/12-OMD
420	25	14	M 36 x 2	39,5	47,5	32,0	41,0		RED-DKOS-25/14-OMD
420	25	16	M 36 x 2	39,0	47,5	32,0	41,0		RED-DKOS-25/16-OMD
420	25	20	M 36 x 2	39,0	49,5	32,0	41,0		RED-DKOS-25/20-OMD
420	30	6	M 42 x 2	44,0	51,0	41,0	50,0		RED-DKOS-30/06-OMD
420	30	8	M 42 x 2	44,0	51,0	41,0	50,0		RED-DKOS-30/08-OMD
420	30	10	M 42 x 2	43,5	51,0	41,0	50,0		RED-DKOS-30/10-OMD
420	30	12	M 42 x 2	43,5	51,0	41,0	50,0		RED-DKOS-30/12-OMD
420	30	14	M 42 x 2	45,0	53,0	41,0	50,0		RED-DKOS-30/14-OMD
420	30	16	M 42 x 2	44,5	53,0	41,0	50,0		RED-DKOS-30/16-OMD
420	30	20	M 42 x 2	44,5	55,0	41,0	50,0		RED-DKOS-30/20-OMD
420	30	25	M 42 x 2	45,0	57,0	41,0	50,0		RED-DKOS-30/25-OMD
420	38	6	M 52 x 2	47,5	54,6	50,0	60,0		RED-DKOS-38/06-OMD
420	38	8	M 52 x 2	47,5	54,6	50,0	60,0		RED-DKOS-38/08-OMD
420	38	10	M 52 x 2	47,0	54,6	50,0	60,0		RED-DKOS-38/10-OMD
420	38	12	M 52 x 2	47,0	54,6	50,0	60,0		RED-DKOS-38/12-OMD
420	38	14	M 52 x 2	48,5	56,5	50,0	60,0		RED-DKOS-38/14-OMD
420	38	16	M 52 x 2	48,0	56,5	50,0	60,0		RED-DKOS-38/16-OMD
420	38	20	M 52 x 2	48,0	58,5	50,0	60,0		RED-DKOS-38/20-OMD
420	38	25	M 52 x 2	48,5	60,5	50,0	60,0		RED-DKOS-38/25-OMD
420	38	30	M 52 x 2	49,0	62,5	50,0	60,0		RED-DKOS-38/30-OMD

EGE - GERADE - EINSCHRAUBSTUTZEN

EGE - SWIVEL FEMALE - MALE - CONNECTORS

Mit Dichtkegel und O-Ring - FPM
Passend in Bohrungsform W DIN 3861
Einschraubgewinde:
Metrisches Feingewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-ring - FPM
For Type of Port End W DIN 3861
Thread: Metric - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**G1**	**L5**	**i**	**SW1**	**SW3**		
500	6	M 10 x 1	M 12 x 1,5	24,5	8,0	14	14		EGE-DKOL-06-M 10x1-wd
500	8	M 12 x 1,5	M 14 x 1,5	26,5	12,0	17	17		EGE-DKOL-08-M 12x1,5-wd
500	10	M 14 x 1,5	M 16 x 1,5	27,5	12,0	19	19		EGE-DKOL-10-M 14x1,5-wd
400	12	M 16 x 1,5	M 18 x 1,5	30,5	12,0	22	22		EGE-DKOL-12-M 16x1,5-wd
400	15	M 18 x 1,5	M 22 x 1,5	31,5	12,0	24	27		EGE-DKOL-15-M 18x1,5-wd
400	18	M 22 x 1,5	M 26 x 1,5	31,5	14,0	27	32		EGE-DKOL-18-M 22x1,5-wd
250	22	M 26 x 1,5	M 30 x 2	32,5	16,0	32	36		EGE-DKOL-22-M 26x1,5-wd
250	28	M 33 x 2	M 36 x 2	35,0	18,0	41	41		EGE-DKOL-28-M 33x2-wd
250	35	M 42 x 2	M 45 x 2	42,5	20,0	50	50		EGE-DKOL-35-M 42x2-wd
250	42	M 48 x 2	M 52 x 2	46,5	22,0	55	60		EGE-DKOL-42-M 48x2-wd

Reihe / Series S

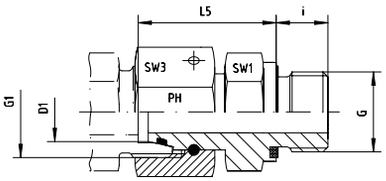
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**G1**	**L5**	**i**	**SW1**	**SW3**		
800	6	M 12 x 1,5	M 14 x 1,5	27,0	12,0	17	17		EGE-DKOS-06-M 12x1,5-wd
800	8	M 14 x 1,5	M 16 x 1,5	29,5	12,0	19	19		EGE-DKOS-08-M 14x1,5-wd
800	10	M 16 x 1,5	M 18 x 1,5	32,0	12,0	22	22		EGE-DKOS-10-M 16x1,5-wd
630	12	M 18 x 1,5	M 20 x 1,5	34,0	12,0	24	24		EGE-DKOS-12-M 18x1,5-wd
630	14	M 20 x 1,5	M 22 x 1,5	36,5	14,0	27	27		EGE-DKOS-14-M 20x1,5-wd
630	16	M 22 x 1,5	M 24 x 1,5	37,0	14,0	27	30		EGE-DKOS-16-M 22x1,5-wd
420	20	M 27 x 2	M 30 x 2	43,0	16,0	32	36		EGE-DKOS-20-M 27x2-wd
420	25	M 33 x 2	M 36 x 2	48,0	18,0	41	46		EGE-DKOS-25-M 33x2-wd
420	30	M 42 x 2	M 42 x 2	51,0	20,0	50	50		EGE-DKOS-30-M 42x2-wd
420	38	M 48 x 2	M 52 x 2	60,0	22,0	55	60		EGE-DKOS-38-M 48x2-wd

EGE - GERADE - EINSCHRAUBSTUTZEN

EGE - SWIVEL FEMALE - MALE - CONNECTORS

Mit Dichtkegel und O-Ring - FPM
Passend in Bohrungsform W DIN 3861
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-ring - FPM
For Type of Port End W DIN 3861
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series L

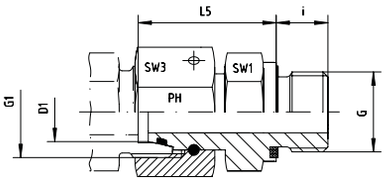
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**G1**	**L5**	**i**	**SW1**	**SW3**		
500	6	G 1/8“	M 12 x 1,5	24,5	8,0	14	14		EGE-DKOL-06-G 1/8“-wd
500	6	G 1/4“	M 12 x 1,5	27,0	12,0	19	14		EGE-DKOL-06-G 1/4“-wd
400	6	G 3/8“	M 12 x 1,5	28,0	12,0	22	14		EGE-DKOL-06-G 3/8“-wd
500	8	G 1/8“	M 14 x 1,5	25,5	8,0	14	17		EGE-DKOL-08-G 1/8“-wd
500	8	G 1/4“	M 14 x 1,5	29,5	12,0	19	17		EGE-DKOL-08-G 1/4“-wd
400	8	G 3/8“	M 14 x 1,5	29,5	12,0	22	17		EGE-DKOL-08-G 3/8“-wd
400	8	G 1/2“	M 14 x 1,5	29,0	14,0	27	17		EGE-DKOL-08-G 1/2“-wd
500	10	G 1/8“	M 16 x 1,5	25,5	8,0	14	19		EGE-DKOL-10-G 1/8“-wd
500	10	G 1/4“	M 16 x 1,5	27,5	12,0	19	19		EGE-DKOL-10-G 1/4“-wd
400	10	G 1/2“	M 16 x 1,5	30,0	14,0	27	19		EGE-DKOL-10-G 1/2“-wd
400	10	G 3/8“	M 16 x 1,5	30,0	12,0	22	19		EGE-DKOL-10-G 3/8“-wd
400	12	G 1/8“	M 18 x 1,5	26,0	8,0	17	22		EGE-DKOL-12-G 1/8“-wd
400	12	G 1/4“	M 18 x 1,5	28,0	12,0	19	22		EGE-DKOL-12-G 1/4“-wd
400	12	G 3/8“	M 18 x 1,5	32,0	12,0	22	22		EGE-DKOL-12-G 3/8“-wd
400	12	G 1/2“	M 18 x 1,5	34,5	14,0	27	22		EGE-DKOL-12-G 1/2“-wd
400	15	G 3/8“	M 22 x 1,5	35,0	12,0	24	27		EGE-DKOL-15-G 3/8“-wd
400	15	G 1/2“	M 22 x 1,5	35,0	14,0	27	27		EGE-DKOL-15-G 1/2“-wd
250	15	G 3/4“	M 22 x 1,5	48,0	16,0	32	27		EGE-DKOL-15-G 3/4“-wd
400	18	G 3/8“	M 26 x 1,5	34,0	12,0	24	32		EGE-DKOL-18-G 3/8“-wd
400	18	G 1/2“	M 26 x 1,5	31,5	14,0	27	32		EGE-DKOL-18-G 1/2“-wd
315	18	G 3/4“	M 26 x 1,5	33,0	16,0	32	32		EGE-DKOL-18-G 3/4“-wd
250	22	G 1/2“	M 30 x 2	32,0	14,0	27	36		EGE-DKOL-22-G 1/2“-wd
250	22	G 3/4“	M 30 x 2	32,5	16,0	32	36		EGE-DKOL-22-G 3/4“-wd
250	22	G 1“	M 30 x 2	33,0	18,0	41	36		EGE-DKOL-22-G 1“-wd
250	28	G 3/4“	M 36 x 2	35,0	16,0	32	41		EGE-DKOL-28-G 3/4“-wd
250	28	G 1“	M 36 x 2	35,0	18,0	41	41		EGE-DKOL-28-G 1“-wd
250	35	G 1 1/4“	M 45 x 2	42,5	20,0	50	50		EGE-DKOL-35-G 1 1/4“-wd
250	35	G 1 1/2“	M 45 x 2	45,3	22,0	55	50		EGE-DKOL-35-G 1 1/2“-wd
250	42	G 1 1/4“	M 52 x 2	40,5	20,0	50	60		EGE-DKOL-42-G 1 1/4“-wd
250	42	G 1 1/2“	M 52 x 2	46,5	22,0	55	60		EGE-DKOL-42-G 1 1/2“-wd

EGE - GERADE - EINSCHRAUBSTUTZEN

EGE - SWIVEL FEMALE - MALE - CONNECTORS

Mit Dichtkegel und O-Ring - FPM
Passend in Bohrungsform W DIN 3861
Einschraubgewinde:
Whitworth-Rohrgewinde - Zylindrisch
wd = Abdichtung durch Profildichtung - FPM

With Taper and O-ring - FPM
For Type of Port End W DIN 3861
Thread: BSP - Parallel
wd = Sealing by an Elastomer Profiled Ring - FPM



Reihe / Series S

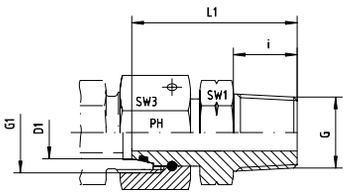
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**G1**	**L5**	**i**	**SW1**	**SW3**		
800	6	G 1/4“	M 14 x 1,5	27,0	12,0	19	17		EGE-DKOS-06-G 1/4“-wd
800	8	G 1/4“	M 16 x 1,5	29,5	12,0	19	19		EGE-DKOS-08-G 1/4“-wd
800	8	G 3/8“	M 16 x 1,5	29,5	12,0	22	19		EGE-DKOS-08-G 3/8“-wd
800	10	G 3/8“	M 18 x 1,5	32,0	12,0	22	22		EGE-DKOS-10-G 3/8“-wd
800	10	G 1/4“	M 18 x 1,5	27,5	12,0	19	22		EGE-DKOS-10-G 1/4“-wd
630	10	G 1/2“	M 18 x 1,5	32,0	14,0	27	22		EGE-DKOS-10-G 1/2“-wd
630	12	G 1/4“	M 20 x 1,5	42,0	12,0	19	24		EGE-DKOS-12-G 1/4“-wd
630	12	G 3/8“	M 20 x 1,5	34,0	12,0	22	24		EGE-DKOS-12-G 3/8“-wd
630	12	G 1/2“	M 20 x 1,5	34,5	14,0	27	24		EGE-DKOS-12-G 1/2“-wd
630	14	G 1/2“	M 22 x 1,5	36,5	14,0	27	27		EGE-DKOS-14-G 1/2“-wd
630	16	G 3/8“	M 24 x 1,5	37,0	12,0	24	30		EGE-DKOS-16-G 3/8“-wd
630	16	G 1/2“	M 24 x 1,5	37,0	14,0	27	30		EGE-DKOS-16-G 1/2“-wd
420	16	G 3/4“	M 24 x 1,5	39,0	16,0	32	30		EGE-DKOS-16-G 3/4“-wd
420	20	G 1/2“	M 30 x 2	38,0	14,0	27	36		EGE-DKOS-20-G 1/2“-wd
420	20	G 3/4“	M 30 x 2	43,0	16,0	32	36		EGE-DKOS-20-G 3/4“-wd
420	20	G 1“	M 30 x 2	55,0	18,0	41	36		EGE-DKOS-20-G 1“-wd
420	25	G 3/4“	M 36 x 2	58,0	16,0	32	46		EGE-DKOS-25-G 3/4“-wd
420	25	G 1“	M 36 x 2	48,0	18,0	41	46		EGE-DKOS-25-G 1“-wd
420	30	G 1“	M 42 x 2	46,0	18,0	41	50		EGE-DKOS-30-G 1“-wd
420	30	G 1 1/4“	M 42 x 2	51,0	20,0	50	50		EGE-DKOS-30-G 1 1/4“-wd
420	38	G 1 1/2“	M 52 x 2	60,0	22,0	55	60		EGE-DKOS-38-G 1 1/2“-wd

EGE - GERADE - EINSCHRAUBSTUTZEN

EGE - SWIVEL FEMALE - MALE - CONNECTORS

Mit Dichtkegel und O-Ring - FPM
Passend in Bohrungsform W DIN 3861
Einschraubgewinde: NPT

With Taper and O-ring - FPM
For Type of Port End W DIN 3861
Thread: NPT



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**G1**	**L1**	**i**	**SW1**	**SW3**		
500	6	1/8“ NPT	M 12 x 1,5	32,0	10,0	12	14		EGE-DKOL-06-NPT-1/8“
500	6	1/4“ NPT	M 12 x 1,5	38,0	15,0	14	14		EGE-DKOL-06-NPT-1/4“
500	8	1/4“ NPT	M 14 x 1,5	42,5	15,0	14	17		EGE-DKOL-08-NPT-1/4“
500	10	1/4“ NPT	M 16 x 1,5	42,5	15,0	14	19		EGE-DKOL-10-NPT-1/4“
400	10	3/8“ NPT	M 16 x 1,5	43,0	15,3	19	19		EGE-DKOL-10-NPT-3/8“
400	12	1/4“ NPT	M 18 x 1,5	40,0	15,0	17	22		EGE-DKOL-12-NPT-1/4“
400	12	3/8“ NPT	M 18 x 1,5	40,0	15,3	19	22		EGE-DKOL-12-NPT-3/8“
400	12	1/2“ NPT	M 18 x 1,5	47,0	20,0	22	22		EGE-DKOL-12-NPT-1/2“
400	15	1/2“ NPT	M 22 x 1,5	49,0	20,0	22	27		EGE-DKOL-15-NPT-1/2“
400	18	1/2“ NPT	M 26 x 1,5	49,0	20,0	24	32		EGE-DKOL-18-NPT-1/2“
250	22	1/2“ NPT	M 30 x 2	49,0	20,0	27	36		EGE-DKOL-22-NPT-1/2“
250	22	3/4“ NPT	M 30 x 2	50,0	20,0	27	36		EGE-DKOL-22-NPT-3/4“
250	28	1“ NPT	M 36 x 2	61,0	25,0	36	41		EGE-DKOL-28-NPT-1“
250	35	1 1/4“ NPT	M 45 x 2	60,5	25,5	46	50		EGE-DKOL-35-NPT-1 1/4“
250	42	1 1/2“ NPT	M 52 x 2	63,0	26,0	50	60		EGE-DKOL-42-NPT-1 1/2“

Reihe / Series S

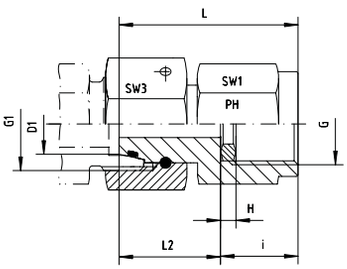
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**G1**	**L1**	**i**	**SW1**	**SW3**		
800	6	1/4“ NPT	M 14 x 1,5	38,0	15,0	14	17		EGE-DKOS-06-NPT-1/4“
800	8	1/4“ NPT	M 16 x 1,5	39,0	15,0	14	19		EGE-DKOS-08-NPT-1/4“
800	10	3/8“ NPT	M 18 x 1,5	40,0	15,3	19	22		EGE-DKOS-10-NPT-3/8“
630	12	1/4“ NPT	M 20 x 1,5	41,5	15,0	17	24		EGE-DKOS-12-NPT-1/4“
630	12	3/8“ NPT	M 20 x 1,5	41,5	15,3	19	24		EGE-DKOS-12-NPT-3/8“
630	12	1/2“ NPT	M 20 x 1,5	48,0	20,0	22	24		EGE-DKOS-12-NPT-1/2“
630	14	1/2“ NPT	M 22 x 1,5	48,0	20,0	22	27		EGE-DKOS-14-NPT-1/2“
630	16	3/8“ NPT	M 24 x 1,5	45,0	15,3	22	30		EGE-DKOS-16-NPT-3/8“
630	16	1/2“ NPT	M 24 x 1,5	49,0	20,0	22	30		EGE-DKOS-16-NPT-1/2“
420	16	3/4“ NPT	M 24 x 1,5	49,0	20,0	27	30		EGE-DKOS-16-NPT-3/4“
420	20	3/4“ NPT	M 30 x 2	52,0	20,0	27	36		EGE-DKOS-20-NPT-3/4“
420	25	1“ NPT	M 36 x 2	66,0	25,0	36	46		EGE-DKOS-25-NPT-1“
420	30	1 1/4“ NPT	M 42 x 2	65,5	25,5	46	50		EGE-DKOS-30-NPT-1 1/4“
420	38	1 1/2“ NPT	M 52 x 2	66,0	26,0	50	60		EGE-DKOS-38-NPT-1 1/2“

MVE - EINSTELLBARE - MANOMETER - VERSCHRAUBUNGEN

MVE - SWIVEL - PRESSURE - GAUGE - CONNECTORS

Einstellbare Manometer-Verschraubung
mit Dichtkegel und O-Ring - FPM
Passend in Bohrungsform W DIN 3861

For Pressure Gauge Connection
with Taper and O-ring - FPM
For Type of Port End W DIN 3861



Reihe / Series L

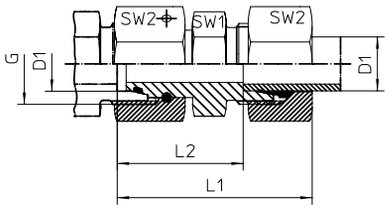
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**G1**	**L**	**i**	**H**	**SW1**	**SW3**		
315	6	1/4“	M 12 x 1,5	35,5	14,5	4,5	19	14		MVE-DKOL-06-G 1/4“
315	6	1/2“	M 12 x 1,5	43,0	20,0	5,0	27	14		MVE-DKOL-06-G 1/2“
315	8	1/4“	M 14 x 1,5	35,5	14,5	4,5	19	17		MVE-DKOL-08-G 1/4“
315	8	1/2“	M 14 x 1,5	43,7	20,0	5,0	27	17		MVE-DKOL-08-G 1/2“
315	10	1/4“	M 16 x 1,5	36,0	14,5	4,5	19	19		MVE-DKOL-10-G 1/4“
315	10	1/2“	M 16 x 1,5	43,7	20,0	5,0	27	19		MVE-DKOL-10-G 1/2“
315	12	1/4“	M 18 x 1,5	36,0	14,5	4,5	19	22		MVE-DKOL-12-G 1/4“
315	12	1/2“	M 18 x 1,5	44,0	20,0	5,0	27	22		MVE-DKOL-12-G 1/2“

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**G1**	**L**	**i**	**H**	**SW1**	**SW3**		
630	6	1/4“	M 14 x 1,5	36,0	14,5	4,5	19	17		MVE-DKOS-06-G 1/4“
630	6	1/2“	M 14 x 1,5	43,0	20,0	5,0	27	17		MVE-DKOS-06-G 1/2“
630	8	1/4“	M 16 x 1,5	37,5	14,5	4,5	19	19		MVE-DKOS-08-G 1/4“
630	8	1/2“	M 16 x 1,5	43,0	20,0	5,0	27	19		MVE-DKOS-08-G 1/2“
630	10	1/4“	M 18 x 1,5	37,5	14,5	4,5	19	22		MVE-DKOS-10-G 1/4“
630	10	1/2“	M 18 x 1,5	43,5	20,0	5,0	27	22		MVE-DKOS-10-G 1/2“
630	12	1/4“	M 20 x 1,5	39,0	14,5	4,5	19	24		MVE-DKOS-12-G 1/4“
630	12	1/2“	M 20 x 1,5	45,0	20,0	5,0	27	24		MVE-DKOS-12-G 1/2“

Mit Dichtkegel und O-Ring (DKO) - FPM
Passend in Bohrungsform W DIN 3861

With Taper and O-ring - FPM
For Type of Port End W DIN 3861



Reihe / Series L

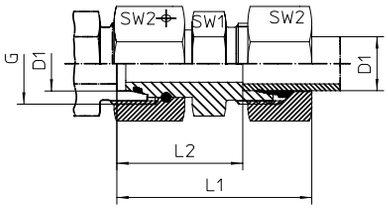
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**		
500	6	M 12 x 1,5	51,0	36,0	12	14		DA-DKOL-06
500	8	M 14 x 1,5	51,0	36,0	14	17		DA-DKOL-08
500	10	M 16 x 1,5	51,0	36,0	17	19		DA-DKOL-10
400	12	M 18 x 1,5	51,0	36,0	19	22		DA-DKOL-12
400	15	M 22 x 1,5	51,0	36,0	24	27		DA-DKOL-15
400	18	M 26 x 1,5	52,0	36,0	27	32		DA-DKOL-18
250	22	M 30 x 2	56,0	40,0	32	36		DA-DKOL-22
250	28	M 36 x 2	57,0	40,0	41	41		DA-DKOL-28
250	35	M 45 x 2	72,0	50,0	46	50		DA-DKOL-35
250	42	M 52 x 2	83,0	60,0	55	60		DA-DKOL-42

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**		
800	6	M 14 x 1,5	51,0	36,0	14	17		DA-DKOS-06
800	8	M 16 x 1,5	51,0	36,0	17	19		DA-DKOS-08
800	10	M 18 x 1,5	52,0	36,0	19	22		DA-DKOS-10
630	12	M 20 x 1,5	52,0	36,0	22	24		DA-DKOS-12
630	14	M 22 x 1,5	58,0	40,0	24	27		DA-DKOS-14
630	16	M 24 x 1,5	58,0	40,0	27	30		DA-DKOS-16
420	20	M 30 x 2	68,0	46,0	32	36		DA-DKOS-20
420	25	M 36 x 2	74,0	50,0	41	46		DA-DKOS-25
420	30	M 42 x 2	83,0	56,0	46	50		DA-DKOS-30
420	38	M 52 x 2	91,0	60,0	55	60		DA-DKOS-38

Mit Dichtkegel und O-Ring (DKO) - FPM
Passend in Bohrungsform W DIN 3861

With Taper and O-ring - FPM
For Type of Port End W DIN 3861



Reihe / Series L

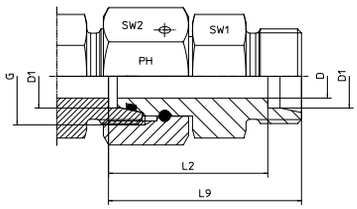
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**		
500	6	M 12 x 1,5	51,0	36,0	12	14		DA-DKOL-06-SC
500	8	M 14 x 1,5	51,0	36,0	14	17		DA-DKOL-08-SC
500	10	M 16 x 1,5	51,0	36,0	17	19		DA-DKOL-10-SC
400	12	M 18 x 1,5	51,0	36,0	19	22		DA-DKOL-12-SC
400	15	M 22 x 1,5	51,0	36,0	24	27		DA-DKOL-15-SC
400	18	M 26 x 1,5	52,0	36,0	27	32		DA-DKOL-18-SC
250	22	M 30 x 2	56,0	40,0	32	36		DA-DKOL-22-SC
250	28	M 36 x 2	57,0	40,0	41	41		DA-DKOL-28-SC
250	35	M 45 x 2	72,0	50,0	46	50		DA-DKOL-35-SC
250	42	M 52 x 2	83,0	60,0	55	60		DA-DKOL-42-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L1**	**L2**	**SW1**	**SW2**		
800	6	M 14 x 1,5	51,0	36,0	14	17		DA-DKOS-06-SC
800	8	M 16 x 1,5	51,0	36,0	17	19		DA-DKOS-08-SC
800	10	M 18 x 1,5	52,0	36,0	19	22		DA-DKOS-10-SC
630	12	M 20 x 1,5	52,0	36,0	22	24		DA-DKOS-12-SC
630	14	M 22 x 1,5	58,0	40,0	24	27		DA-DKOS-14-SC
630	16	M 24 x 1,5	58,0	40,0	27	30		DA-DKOS-16-SC
420	20	M 30 x 2	68,0	46,0	32	36		DA-DKOS-20-SC
420	25	M 36 x 2	74,0	50,0	41	46		DA-DKOS-25-SC
420	30	M 42 x 2	83,0	56,0	46	50		DA-DKOS-30-SC
420	38	M 52 x 2	91,0	60,0	55	60		DA-DKOS-38-SC

Mit Dichtkegel und O-Ring (DKO) - FPM
Passend in Bohrungsform W DIN 3861

With Taper and O-ring - FPM
For Type of Port End W DIN 3861



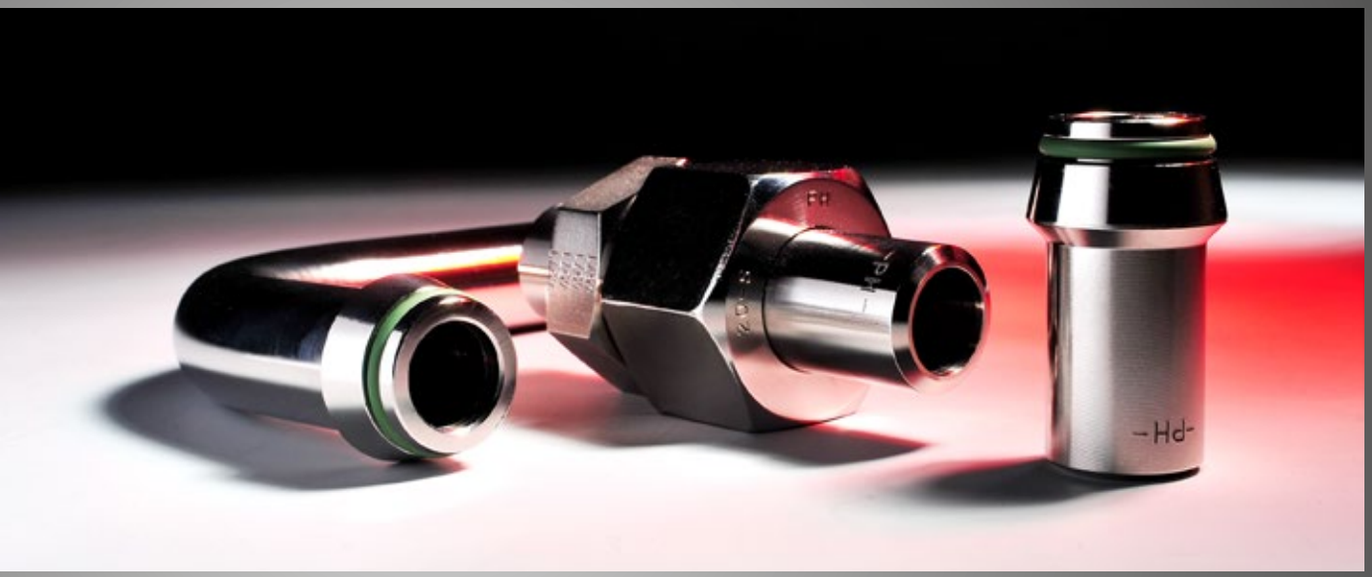
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L9**	**SW1**	**SW2**		
500	6	M 12 x 1,5	36,0	43,0	12,0	14,0		DA-DKOL-06-OMD
500	8	M 14 x 1,5	36,0	43,0	14,0	17,0		DA-DKOL-08-OMD
500	10	M 16 x 1,5	36,0	43,0	17,0	19,0		DA-DKOL-10-OMD
400	12	M 18 x 1,5	36,0	43,0	19,0	22,0		DA-DKOL-12-OMD
400	15	M 22 x 1,5	36,0	43,0	24,0	27,0		DA-DKOL-15-OMD
400	18	M 26 x 1,5	36,0	43,5	27,0	32,0		DA-DKOL-18-OMD
250	22	M 30 x 2	40,0	47,5	32,0	36,0		DA-DKOL-22-OMD
250	28	M 36 x 2	40,0	47,5	41,0	41,0		DA-DKOL-28-OMD
250	35	M 45 x 2	50,0	60,5	46,0	50,0		DA-DKOL-35-OMD
250	42	M 52 x 2	60,0	71,0	55,0	60,0		DA-DKOL-42-OMD

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**G**	**L2**	**L9**	**SW1**	**SW2**		
800	6	M 14 x 1,5	36,0	43,0	14,0	17,0		DA-DKOS-06-OMD
800	8	M 16 x 1,5	36,0	43,0	17,0	19,0		DA-DKOS-08-OMD
800	10	M 18 x 1,5	36,0	43,5	19,0	22,0		DA-DKOS-10-OMD
630	12	M 20 x 1,5	36,0	43,5	22,0	24,0		DA-DKOS-12-OMD
630	14	M 22 x 1,5	40,0	48,0	24,0	27,0		DA-DKOS-14-OMD
630	16	M 24 x 1,5	40,0	48,5	27,0	30,0		DA-DKOS-16-OMD
420	20	M 30 x 2	46,0	56,5	32,0	36,0		DA-DKOS-20-OMD
420	25	M 36 x 2	50,0	62,0	41,0	46,0		DA-DKOS-25-OMD
420	30	M 42 x 2	56,0	69,5	46,0	50,0		DA-DKOS-30-OMD
420	38	M 52 x 2	60,0	76,0	55,0	60,0		DA-DKOS-38-OMD

Schweißkegel-Verschraubungen mit O-Ring
Weld Nipple Couplings with O-ring



10

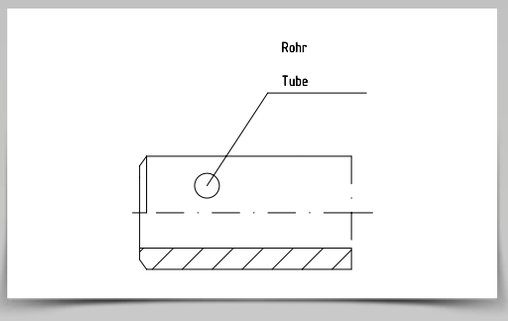
10

SCHWEISSKEGEL-VERSCHRAUBUNGEN MIT O-RING
WELD NIPPLE COUPLINGS WITH O-RING

Produktgruppen	Product-Groups	Seite / Page	
Montageanleitung	**Assembly Instruction**	10.2-10.3	
ESV - Einschweiss - Schott - Verschraubungen	**ESV - Bulkhead - Couplings**		
ESV - Standard	ESV - Standard	10.4	
ESV - SC	ESV - SC	10.5	
ESV - OMD	ESV - OMD	10.6	
ASV - Gerade - Anschweiss - Verschraubungen	**ASV - Weld - Stub - Couplings**		
ASV - Standard	ASV - Standard	10.7	
ASV - SC	ASV - SC	10.8	
ASV - OMD	ASV - OMD	10.9	
WAS - Winkel - Anschweiss - Verschraubungen	**WAS - Weld - Stub - Elbow - Couplings**		
WAS - Standard	WAS - Standard	10.10	
WAS - SC	WAS - SC	10.11	
WAS - OMD	WAS - OMD	10.12	
ASV-K - Schweißkegel - Verschraubungen	**ASV-K - Welding - Nipple - Couplings**		
ASV-K - Standard	ASV-K - Standard	10.13	
ASV-K - SC	ASV-K - SC	10.14	
ASV-K - OMD	ASV-K - OMD	10.15	
SKV - Schweißnippel	**SKV - Welding - Nipples**		
SKV - Schweißnippel	SKV - Welding Nipples	10.16	
SKV-R - Schweißnippel - Reduzierungen	**SKV-R - Welding - Nipple - Reducings**		
SKV-R - Schweißnippel - Reduzierungen	SKV-R - Welding Nipple Reducings	10.18	
SKV-RB - Schweißnippel - Rohrbögen - 90°	**SKV-RB - Welding - Nipple - Elbows - 90°**		
SKV-RB - Schweißnippel - Rohrbögen - 90°	SKV-RB - Welding - Nipple - Elbows - 90°	10.19	

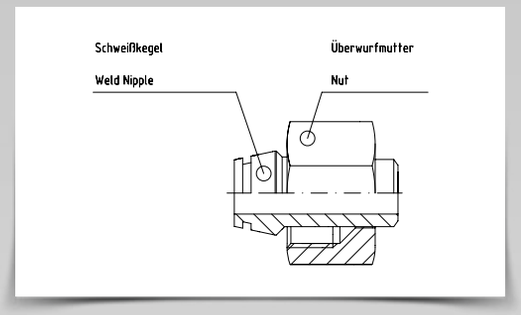
1.

Rohr rechtwinkelig ablängen, entgraten und anfasen für V-Naht nach DIN 2559.



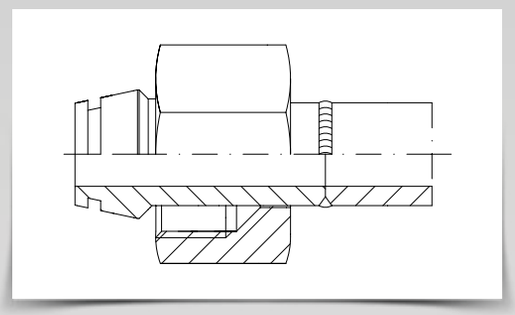
2.

Überwurfmutter, wie abgebildet, über den Schweißkegel schieben.



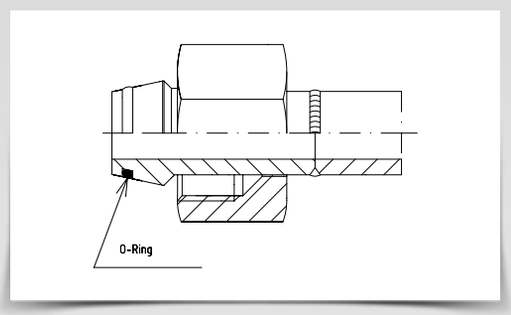
3.

Schweißkegel und Rohr nach den Schweißrichtlinien verschweißen.
Darauf achten, dass keine Schweißperlen ins Rohrinnere gelangen.
Kegel, Nut und Stutzenkonus müssen sauber sein.



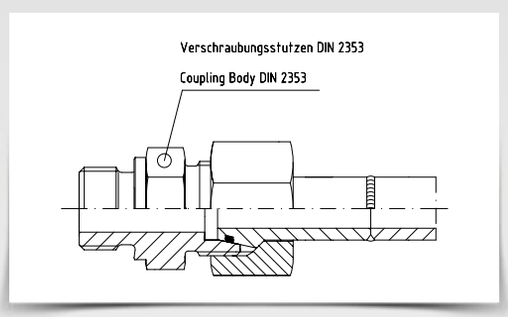
4.

O-Ring erst nach dem Schweißen in die Nut einlegen.
Er darf sich nicht verdrehen. Schweißkegel, Konus und Innen- und Außengewinde einölen, nicht einfetten.



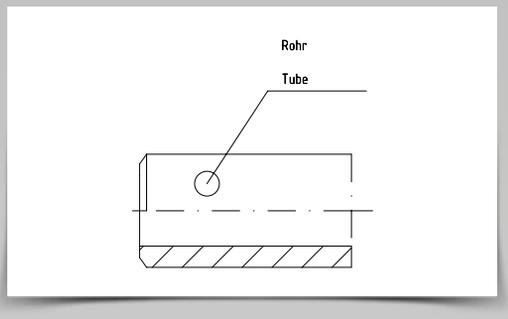
5.

Überwurfmutter von Hand auf den Stutzen schrauben,
dann mit dem Schlüssel ca. 1/4 - 1/3 Umdrehung anziehen.
Das Rohr mit angeschweißtem Kegel muss spannungsfrei verschraubt und verlegt werden.



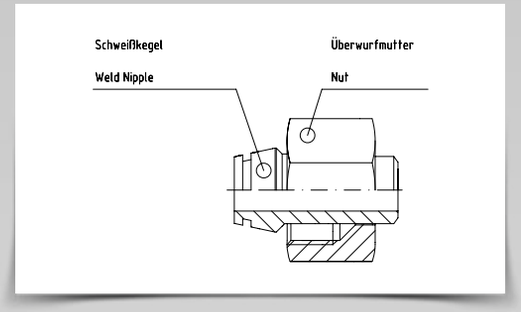
1.

Cut tube at right angles and chamfer it for V-welding seam to DIN 2559.



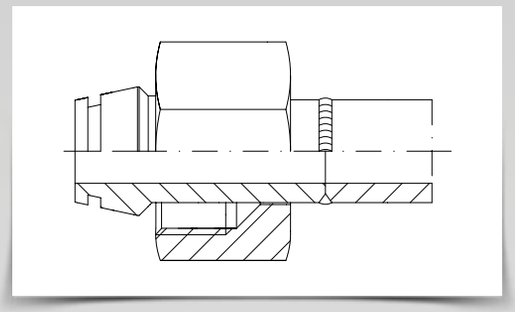
2.

Slide nut over weld nipple arrangement as shown above.



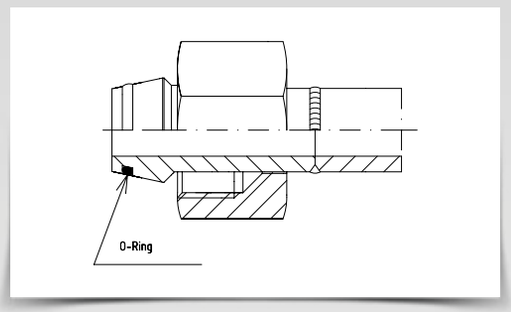
3.

Weld nipple and tube are welded according to the general welding instructions. Please ensure that no globules of weld enter the inside of the tube.
Nipple, groove and taper must be clean.



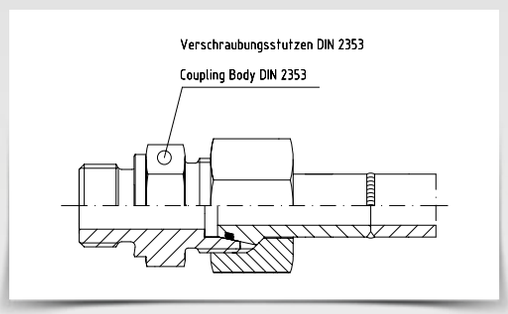
4.

O-ring is only to be inserted into groove after welding.
O-ring must not be twisted. Do not grease, but oil nipple, taper inside and outside of thread.



5.

Screw the nut by hand onto the body, tighten nut with a spanner approx. 1/4 - 1/3 of a turn. Tube with welded nipple has to be installed free of tension.

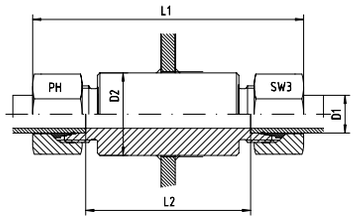


ESV - EINSCHWEISS - SCHOTT - VERSCHRAUBUNGEN

ESV - BULKHEAD - COUPLINGS

Einschweiß-Schottverschraubungen

Welding Bulkhead Connections



Reihe / Series L

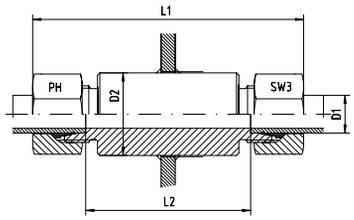
Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW3**		
500	6	18	85,0	56,0	14		ESV-L-06
500	8	20	85,0	56,0	17		ESV-L-08
500	10	22	87,0	58,0	19		ESV-L-10
400	12	25	87,0	58,0	22		ESV-L-12
400	15	28	100,0	70,0	27		ESV-L-15
400	18	32	101,0	69,0	32		ESV-L-18
250	22	36	105,0	73,0	36		ESV-L-22
250	28	40	106,0	73,0	41		ESV-L-28
250	35	50	114,0	71,0	50		ESV-L-35
250	42	60	115,0	70,0	60		ESV-L-42

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW3**		
800	6	20	89,0	60,0	17		ESV-S-06
800	8	22	89,0	60,0	19		ESV-S-08
800	10	25	91,0	59,0	22		ESV-S-10
630	12	28	91,0	59,0	24		ESV-S-12
630	14	30	107,0	72,0	27		ESV-S-14
630	16	35	107,0	71,0	30		ESV-S-16
420	20	38	114,0	71,0	36		ESV-S-20
420	25	45	120,0	72,0	46		ESV-S-25
420	30	50	126,0	73,0	50		ESV-S-30
420	38	60	133,0	72,0	60		ESV-S-38

Einschweiß-Schottverschraubungen

Welding Bulkhead Connections



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW3**		
500	6	18	85,0	56,0	14		ESV-L-06-SC
500	8	20	85,0	56,0	17		ESV-L-08-SC
500	10	22	87,0	58,0	19		ESV-L-10-SC
400	12	25	87,0	58,0	22		ESV-L-12-SC
400	15	28	100,0	70,0	27		ESV-L-15-SC
400	18	32	101,0	69,0	32		ESV-L-18-SC
250	22	36	105,0	73,0	36		ESV-L-22-SC
250	28	40	106,0	73,0	41		ESV-L-28-SC
250	35	50	114,0	71,0	50		ESV-L-35-SC
250	42	60	115,0	70,0	60		ESV-L-42-SC

Reihe / Series S

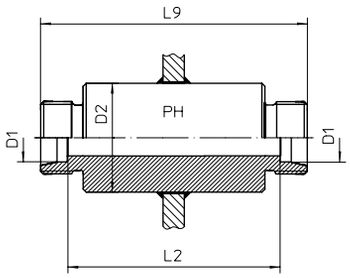
Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW3**		
800	6	20	89,0	60,0	17		ESV-S-06-SC
800	8	22	89,0	60,0	19		ESV-S-08-SC
800	10	25	91,0	59,0	22		ESV-S-10-SC
630	12	28	91,0	59,0	24		ESV-S-12-SC
630	14	30	107,0	72,0	27		ESV-S-14-SC
630	16	35	107,0	71,0	30		ESV-S-16-SC
420	20	38	114,0	71,0	36		ESV-S-20-SC
420	25	45	120,0	72,0	46		ESV-S-25-SC
420	30	50	126,0	73,0	50		ESV-S-30-SC
420	38	60	133,0	72,0	60		ESV-S-38-SC

ESV - EINSCHWEISS - SCHOTT - VERSCHRAUBUNGEN

ESV - BULKHEAD - COUPLINGS

Einschweiß-Schottverschraubungsstutzen

Welding Bulkhead Connection Bodies



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L2**	**L9**		
500	6	18	56,0	70,0		ESV-L-06-OMD
500	8	20	56,0	70,0		ESV-L-08-OMD
500	10	22	58,0	72,0		ESV-L-10-OMD
400	12	25	58,0	72,0		ESV-L-12-OMD
400	15	28	70,0	84,0		ESV-L-15-OMD
400	18	32	69,0	84,0		ESV-L-18-OMD
250	22	36	73,0	88,0		ESV-L-22-OMD
250	28	40	73,0	88,0		ESV-L-28-OMD
250	35	50	71,0	92,0		ESV-L-35-OMD
250	42	60	70,0	92,0		ESV-L-42-OMD

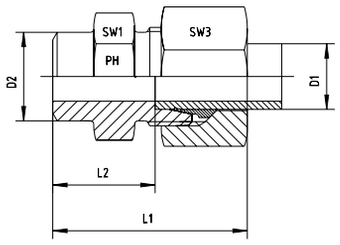
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L2**	**L9**		
800	6	20	60,0	74,0		ESV-S-06-OMD
800	8	22	60,0	74,0		ESV-S-08-OMD
800	10	25	59,0	74,0		ESV-S-10-OMD
630	12	28	59,0	74,0		ESV-S-12-OMD
630	14	30	72,0	88,0		ESV-S-14-OMD
630	16	35	71,0	88,0		ESV-S-16-OMD
420	20	38	71,0	92,0		ESV-S-20-OMD
420	25	45	72,0	96,0		ESV-S-25-OMD
420	30	50	73,0	100,0		ESV-S-30-OMD
420	38	60	72,0	104,0		ESV-S-38-OMD

ASV - GERADE - ANSCHWEISS - VERSCHRAUBUNGEN
ASV - WELD - STUB - COUPLINGS

Gerade Anschweißverschraubungen

Straight Welding Bosses



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW1**	**SW3**		
500	6	10	29,0	14,0	12	14		ASV-L-06
500	8	12	31,0	16,0	14	17		ASV-L-08
500	10	14	33,0	18,0	17	19		ASV-L-10
400	12	16	33,0	18,0	19	27		ASV-L-12
400	15	19	37,0	22,0	22	27		ASV-L-15
400	18	22	40,0	23,5	27	32		ASV-L-18
250	22	27	45,0	28,5	32	36		ASV-L-22
250	28	32	47,0	30,5	41	41		ASV-L-28
250	35	40	54,0	32,5	46	50		ASV-L-35
250	42	46	58,0	35,0	55	60		ASV-L-42

Reihe / Series S

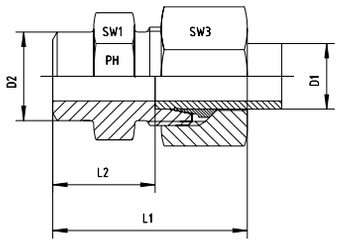
Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW1**	**SW3**		
800	6	11	34,0	19,0	14	17		ASV-S-06
800	8	13	36,0	21,0	17	19		ASV-S-08
800	10	15	39,0	22,5	19	22		ASV-S-10
630	12	17	41,0	24,5	22	24		ASV-S-12
630	14	19	45,0	27,0	24	27		ASV-S-14
630	16	21	45,0	26,5	27	30		ASV-S-16
420	20	26	51,0	29,5	32	36		ASV-S-20
420	25	31	56,0	32,0	41	46		ASV-S-25
420	30	36	62,0	35,5	46	50		ASV-S-30
420	38	44	69,0	38,0	55	60		ASV-S-38

ASV - GERADE - ANSCHWEISS - VERSCHRAUBUNGEN

ASV - WELD - STUB - COUPLINGS

Gerade Anschweißverschraubungen

Straight Welding Bosses



Reihe / Series L

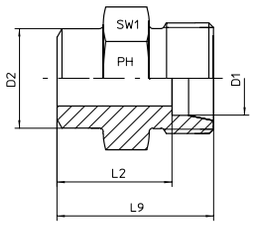
Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW1**	**SW3**		
500	6	10	29,0	14,0	12	14		ASV-L-06-SC
500	8	12	31,0	16,0	14	17		ASV-L-08-SC
500	10	14	33,0	18,0	17	19		ASV-L-10-SC
400	12	16	33,0	18,0	19	27		ASV-L-12-SC
400	15	19	37,0	22,0	22	27		ASV-L-15-SC
400	18	22	40,0	23,5	27	32		ASV-L-18-SC
250	22	27	45,0	28,5	32	36		ASV-L-22-SC
250	28	32	47,0	30,5	41	41		ASV-L-28-SC
250	35	40	54,0	32,5	46	50		ASV-L-35-SC
250	42	46	58,0	35,0	55	60		ASV-L-42-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**SW1**	**SW3**		
800	6	11	34,0	19,0	14	17		ASV-S-06-SC
800	8	13	36,0	21,0	17	19		ASV-S-08-SC
800	10	15	39,0	22,5	19	22		ASV-S-10-SC
630	12	17	41,0	24,5	22	24		ASV-S-12-SC
630	14	19	45,0	27,0	24	27		ASV-S-14-SC
630	16	21	45,0	26,5	27	30		ASV-S-16-SC
420	20	26	51,0	29,5	32	36		ASV-S-20-SC
420	25	31	56,0	32,0	41	46		ASV-S-25-SC
420	30	36	62,0	35,5	46	50		ASV-S-30-SC
420	38	44	69,0	38,0	55	60		ASV-S-38-SC

Gerade Anschweißverschraubungsstutzen

Straight Welding Boss Bodies



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L2**	**L9**	**SW1**		
500	6	10	14,0	21,0	12,0		ASV-L-06-OMD
500	8	12	16,0	23,0	14,0		ASV-L-08-OMD
500	10	14	18,0	25,0	17,0		ASV-L-10-OMD
400	12	16	18,0	25,0	19,0		ASV-L-12-OMD
400	15	19	22,0	29,0	22,0		ASV-L-15-OMD
400	18	22	23,5	31,0	27,0		ASV-L-18-OMD
250	22	27	28,5	36,0	32,0		ASV-L-22-OMD
250	28	32	30,5	38,0	41,0		ASV-L-28-OMD
250	35	40	32,5	43,0	46,0		ASV-L-35-OMD
250	42	46	35,0	46,0	55,0		ASV-L-42-OMD

Reihe / Series S

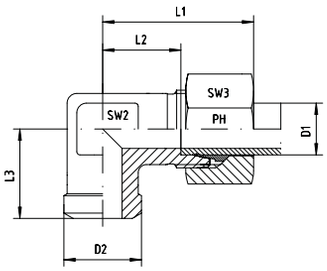
Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L2**	**L9**	**SW1**		
800	6	11	19,0	26,0	14,0		ASV-S-06-OMD
800	8	13	21,0	28,0	17,0		ASV-S-08-OMD
800	10	15	22,5	30,0	19,0		ASV-S-10-OMD
630	12	17	24,5	32,0	22,0		ASV-S-12-OMD
630	14	19	27,0	35,0	24,0		ASV-S-14-OMD
630	16	21	26,5	35,0	27,0		ASV-S-16-OMD
420	20	26	29,5	40,0	32,0		ASV-S-20-OMD
420	25	31	32,0	44,0	41,0		ASV-S-25-OMD
420	30	36	35,5	49,0	46,0		ASV-S-30-OMD
420	38	44	38,0	54,0	55,0		ASV-S-38-OMD

WAS - WINKEL - ANSCHWEISS - VERSCHRAUBUNGEN

WAS - WELD - STUB - ELBOW - COUPLINGS

Winkel-Anschweißverschraubungen

Elbow Welding Couplings



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**L3**	**SW2**	**SW3**		
500	6	10	27,0	12,0	19,0	12	14		WAS-L-06
500	8	12	29,0	14,0	23,0	12	17		WAS-L-08
500	10	14	30,0	15,0	24,0	14	19		WAS-L-10
400	12	16	32,0	17,0	25,0	17	22		WAS-L-12
400	15	19	36,0	21,0	30,0	19	27		WAS-L-15
400	18	22	40,0	23,5	33,0	24	32		WAS-L-18
250	22	27	44,0	27,5	37,0	27	36		WAS-L-22
250	28	32	47,0	30,5	42,0	36	41		WAS-L-28
250	35	40	56,0	34,5	49,0	41	50		WAS-L-35
250	42	46	63,0	40,0	57,0	50	60		WAS-L-42

Reihe / Series S

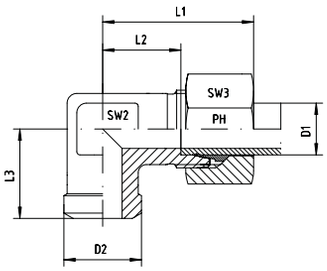
Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**L3**	**SW2**	**SW3**		
800	6	11	31,0	16,0	23,0	12	17		WAS-S-06
800	8	13	32,0	17,0	24,0	14	19		WAS-S-08
800	10	15	34,0	17,5	25,0	17	22		WAS-S-10
630	12	17	38,0	21,5	29,0	17	24		WAS-S-12
630	14	19	40,0	22,0	30,0	19	27		WAS-S-14
630	16	21	43,0	24,5	33,0	24	30		WAS-S-16
420	20	26	48,0	26,5	37,0	27	36		WAS-S-20
420	25	31	54,0	30,0	42,0	36	46		WAS-S-25
420	30	36	62,0	35,5	49,0	41	50		WAS-S-30
420	38	44	72,0	41,0	57,0	50	60		WAS-S-38

WAS - WINKEL - ANSCHWEISS - VERSCHRAUBUNGEN

WAS - WELD - STUB - ELBOW - COUPLINGS

Winkel-Anschweißverschraubungen

Elbow Welding Couplings



Reihe / Series L

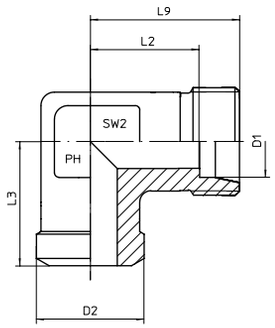
Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**L3**	**SW2**	**SW3**		
500	6	10	27,0	12,0	19,0	12	14		WAS-L-06-SC
500	8	12	29,0	14,0	23,0	12	17		WAS-L-08-SC
500	10	14	30,0	15,0	24,0	14	19		WAS-L-10-SC
400	12	16	32,0	17,0	25,0	17	22		WAS-L-12-SC
400	15	19	36,0	21,0	30,0	19	27		WAS-L-15-SC
400	18	22	40,0	23,5	33,0	24	32		WAS-L-18-SC
250	22	27	44,0	27,5	37,0	27	36		WAS-L-22-SC
250	28	32	47,0	30,5	42,0	36	41		WAS-L-28-SC
250	35	40	56,0	34,5	49,0	41	50		WAS-L-35-SC
250	42	46	63,0	40,0	57,0	50	60		WAS-L-42-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L1**	**L2**	**L3**	**SW2**	**SW3**		
800	6	11	31,0	16,0	23,0	12	17		WAS-S-06-SC
800	8	13	32,0	17,0	24,0	14	19		WAS-S-08-SC
800	10	15	34,0	17,5	25,0	17	22		WAS-S-10-SC
630	12	17	38,0	21,5	29,0	17	24		WAS-S-12-SC
630	14	19	40,0	22,0	30,0	19	27		WAS-S-14-SC
630	16	21	43,0	24,5	33,0	24	30		WAS-S-16-SC
420	20	26	48,0	26,5	37,0	27	36		WAS-S-20-SC
420	25	31	54,0	30,0	42,0	36	46		WAS-S-25-SC
420	30	36	62,0	35,5	49,0	41	50		WAS-S-30-SC
420	38	44	72,0	41,0	57,0	50	60		WAS-S-38-SC

Winkel-Anschweißverschraubungsstutzen

Elbow Welding Coupling Bodies



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L2**	**L3**	**L9**	**SW2**		
500	6	10	12,0	19,0	19,0	12,0		WAS-L-06-OMD
500	8	12	14,0	23,0	21,0	12,0		WAS-L-08-OMD
500	10	14	15,0	24,0	22,0	14,0		WAS-L-10-OMD
400	12	16	17,0	25,0	24,0	17,0		WAS-L-12-OMD
400	15	19	21,0	30,0	28,0	19,0		WAS-L-15-OMD
400	18	22	23,5	33,0	31,0	24,0		WAS-L-18-OMD
250	22	27	27,5	37,0	35,0	27,0		WAS-L-22-OMD
250	28	32	30,5	42,0	38,0	36,0		WAS-L-28-OMD
250	35	40	34,5	49,0	45,0	41,0		WAS-L-35-OMD
250	42	46	40,0	57,0	51,0	50,0		WAS-L-42-OMD

Reihe / Series S

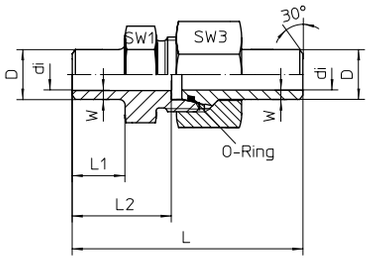
Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D1**	**D2**	**L2**	**L3**	**L9**	**SW2**		
800	6	11	16,0	23,0		12,0		WAS-S-06-OMD
800	8	13	17,0	24,0	24,0	14,0		WAS-S-08-OMD
800	10	15	17,5	25,0	25,0	17,0		WAS-S-10-OMD
630	12	17	21,5	29,0	29,0	17,0		WAS-S-12-OMD
630	14	19	22,0	30,0		19,0		WAS-S-14-OMD
630	16	21	24,5	33,0	33,0	24,0		WAS-S-16-OMD
420	20	26	26,5	37,0	37,0	27,0		WAS-S-20-OMD
420	25	31	30,0	42,0	42,0	36,0		WAS-S-25-OMD
420	30	36	35,5	49,0	49,0	41,0		WAS-S-30-OMD
420	38	44	41,0	57,0	57,0	50,0		WAS-S-38-OMD

ASV-K - SCHWEISSKEGEL - VERSCHRAUBUNGEN

ASV-K - WELDING - NIPPLE - COUPLINGS

Schweißkegel-Verschraubungen
Mit O-Ring Abdichtung - FPM
Auf Anfrage: NBR

Welding Nipple Couplings
With O-ring Sealing - FPM
On request: NBR



Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions						O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
PN	D+W	L	L1	L2	di	SW1	SW3			
528	6 x 1,5	52,0	10,0	20,0	3,0	14	17	4,0 x 1,5		ASV-K-6x1,5
414	8 x 1,5	52,0	10,0	20,0	5,0	17	19	6,0 x 1,5		ASV-K-8x1,5
528	8 x 2	52,0	10,0	20,0	4,0	17	19	6,0 x 1,5		ASV-K-8x2
249	10 x 1	56,5	9,0	23,5	8,0	19	22	8,0 x 1,5		ASV-K-10x1
358	10 x 1,5	56,5	9,0	23,5	7,0	19	22	8,0 x 1,5		ASV-K-10x1,5
460	10 x 2	56,5	9,0	23,5	6,0	19	22	8,0 x 1,5		ASV-K-10x2
305	12 x 1,5	63,0	14,0	28,5	9,0	22	24	10,0 x 1,5		ASV-K-12x1,5
393	12 x 2	63,0	14,0	28,5	8,0	22	24	10,0 x 1,5		ASV-K-12x2
476	12 x 2,5	63,0	14,0	28,5	7,0	22	24	10,0 x 1,5		ASV-K-12x2,5
343	14 x 2	73,5	15,0	31,5	10,0	24	27	10,0 x 2,0		ASV-K-14x2
487	14 x 3	73,5	15,0	31,5	8,0	24	27	10,0 x 2,0		ASV-K-14x3
305	16 x 2	73,5	15,0	31,5	12,0	27	30	13,0 x 2,0		ASV-K-16x2
372	16 x 2,5	73,5	15,0	31,5	11,0	27	30	13,0 x 2,0		ASV-K-16x2,5
400	16 x 3	73,5	15,0	31,5	10,0	27	30	13,0 x 2,0		ASV-K-16x3
249	20 x 2	81,0	16,0	33,5	16,0	32	36	16,0 x 2,0		ASV-K-20x2
305	20 x 2,5	81,0	16,0	33,5	15,0	32	36	16,3 x 2,4		ASV-K-20x2,5
358	20 x 3	81,0	16,0	33,5	14,0	32	36	16,3 x 2,4		ASV-K-20x3
400	20 x 4	81,0	16,0	33,5	12,0	32	36	16,3 x 2,4		ASV-K-20x4
294	25 x 3	90,5	18,0	38,0	19,0	41	46	21,3 x 2,4		ASV-K-25x3
379	25 x 4	90,5	18,0	38,0	17,0	41	46	21,3 x 2,4		ASV-K-25x4
400	25 x 5	90,5	18,0	38,0	15,0	41	46	21,3 x 2,4		ASV-K-25x5
249	30 x 3	96,5	19,0	39,5	24,0	46	50	25,3 x 2,4		ASV-K-30x3
323	30 x 4	96,5	19,0	39,5	22,0	46	50	25,3 x 2,4		ASV-K-30x4
393	30 x 5	96,5	19,0	39,5	20,0	46	50	25,3 x 2,4		ASV-K-30x5
400	30 x 6	96,5	19,0	39,5	18,0	46	50	25,3 x 2,4		ASV-K-30x6
261	38 x 4	108,5	21,0	54,0	30,0	55	60	34,0 x 2,5		ASV-K-38x4
315	38 x 5	108,5	21,0	54,0	28,0	55	60	34,0 x 2,5		ASV-K-38x5
315	38 x 6	108,5	21,0	54,0	26,0	55	60	34,0 x 2,5		ASV-K-38x6
315	38 x 7	108,5	21,0	54,0	24,0	55	60	34,0 x 2,5		ASV-K-38x7
250	50 x 5	117,0	23,0	49,0	40,0	70	80	46,0 x 3,0		ASV-K-50x5
310	50 x 6	117,0	23,0	49,0	38,0	70	80	46,0 x 3,0		ASV-K-50x6
350	50 x 7	117,0	23,0	49,0	36,0	70	80	46,0 x 3,0		ASV-K-50x7

Reihe / Series L

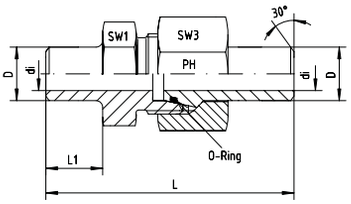
Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions						O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
PN	D+W	L	L1	L2	di	SW1	SW3			
323	15 x 2	62,5	15,0	26,0	11,0	22	27	12,0 x 2,0		ASV-K-15x2
315	18 x 2	65,5	16,0	27,5	14,0	27	32	15,0 x 2,0		ASV-K-18x2
280	22 x 2,5	74,5	19,0	34,5	17,0	32	36	19,0 x 2,0		ASV-K-22x2,5
265	28 x 3	78,5	19,0	35,5	22,0	41	41	25,0 x 2,0		ASV-K-28x3
231	35 x 3	87,5	22,0	37,5	29,0	46	50	32,0 x 2,5		ASV-K-35x3
182	42 x 3	86,5	22,0	37,0	36,0	55	60	38,0 x 2,5		ASV-K-42x3

ASV-K - SCHWEISSKEGEL - VERSCHRAUBUNGEN

ASV-K - WELDING - NIPPLE - COUPLINGS

Schweißkegel-Verschraubungen
Mit O-Ring Abdichtung - FPM
Auf Anfrage: NBR

Welding Nipple Couplings
With O-ring Sealing - FPM
On request: NBR



Reihe / Series S

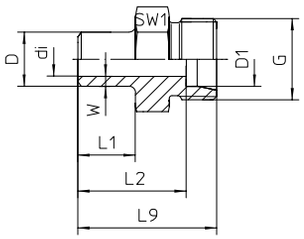
Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions						O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
PN		L	L1	D	di	SW1	SW3			
528	6 x 1,5			6,0	3,0	14	17	4,0 x 1,5		ASV-K-6x1,5-SC
414	8 x 1,5			8,0	5,0	17	19	6,0 x 1,5		ASV-K-8x1,5-SC
528	8 x 2			8,0	4,0	17	19	6,0 x 1,5		ASV-K-8x2-SC
249	10 x 1	58,0	10,0	10,0	8,0	19	22	8,0 x 1,5		ASV-K-10x1-SC
358	10 x 1,5	58,0	10,0	10,0	7,0	19	22	8,0 x 1,5		ASV-K-10x1,5-SC
460	10 x 2	58,0	10,0	10,0	6,0	19	22	8,0 x 1,5		ASV-K-10x2-SC
305	12 x 1,5	63,0	15,0	12,0	9,0	22	24	10,0 x 1,5		ASV-K-12x1,5-SC
393	12 x 2	63,0	15,0	12,0	8,0	22	24	10,0 x 1,5		ASV-K-12x2-SC
476	12 x 2,5	63,0	15,0	12,0	7,0	22	24	10,0 x 1,5		ASV-K-12x2,5-SC
343	14 x 2			14,0	10,0	24	27	10,0 x 2,0		ASV-K-14x2-SC
487	14 x 3			14,0	8,0	24	27	10,0 x 2,0		ASV-K-14x3-SC
305	16 x 2	73,5	16,5	16,0	12,0	27	30	13,0 x 2,0		ASV-K-16x2-SC
372	16 x 2,5	73,5	16,5	16,0	11,0	27	30	13,0 x 2,0		ASV-K-16x2,5-SC
400	16 x 3	73,5	16,5	16,0	10,0	27	30	13,0 x 2,0		ASV-K-16x3-SC
249	20 x 2	83,5	19,0	20,0	16,0	32	36	16,0 x 2,0		ASV-K-20x2-SC
305	20 x 2,5	83,5	19,0	20,0	15,0	32	36	16,3 x 2,4		ASV-K-20x2,5-SC
358	20 x 3	83,5	19,0	20,0	14,0	32	36	16,3 x 2,4		ASV-K-20x3-SC
400	20 x 4	83,5	19,0	20,0	12,0	32	36	16,3 x 2,4		ASV-K-20x4-SC
294	25 x 3	92,5	19,5	25,0	19,0	41	46	21,3 x 2,4		ASV-K-25x3-SC
379	25 x 4	92,5	19,5	25,0	17,0	41	46	21,3 x 2,4		ASV-K-25x4-SC
400	25 x 5	92,5	19,5	25,0	15,0	41	46	21,3 x 2,4		ASV-K-25x5-SC
249	30 x 3	101,5	23,0	30,0	24,0	46	50	25,3 x 2,4		ASV-K-30x3-SC
323	30 x 4	101,5	23,0	30,0	22,0	46	50	25,3 x 2,4		ASV-K-30x4-SC
393	30 x 5	101,5	23,0	30,0	20,0	46	50	25,3 x 2,4		ASV-K-30x5-SC
400	30 x 6	101,5	23,0	30,0	18,0	46	50	25,3 x 2,4		ASV-K-30x6-SC
261	38 x 4	108,0	22,0	38,0	30,0	55	60	34,0 x 2,5		ASV-K-38x4-SC
315	38 x 5	108,0	22,0	38,0	28,0	55	60	34,0 x 2,5		ASV-K-38x5-SC
315	38 x 6	108,0	22,0	38,0	26,0	55	60	34,0 x 2,5		ASV-K-38x6-SC
315	38 x 7	108,0	22,0	38,0	24,0	55	60	34,0 x 2,5		ASV-K-38x7-SC
250	50 x 5	118,0	23,0	50,0	40,0	70	80	46,0 x 3,0		ASV-K-50x5-SC
310	50 x 6	118,0	23,0	50,0	38,0	70	80	46,0 x 3,0		ASV-K-50x6-SC
350	50 x 7	118,0	23,0	50,0	36,0	70	80	46,0 x 3,0		ASV-K-50x7-SC

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions						O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
PN		L	L1	D	di	SW1	SW3			
323	15 x 2	54,5	15,0	15,0	11,0	22	27	12,0 x 2,0		ASV-K-15x2-SC
315	18 x 2	57,5	16,0	18,0	14,0	27	32	15,0 x 2,0		ASV-K-18x2-SC
280	22 x 2,5	74,0	19,0	22,0	17,0	32	36	19,0 x 2,0		ASV-K-22x2,5-SC
265	28 x 3	78,0	19,0	28,0	22,0	41	41	25,0 x 2,0		ASV-K-28x3-SC
231	35 x 3	87,5	22,0	35,0	29,0	46	50	32,0 x 2,5		ASV-K-35x3-SC
182	42 x 3	87,0	22,0	42,0	36,0	55	60	38,0 x 2,5		ASV-K-42x3-SC

Schweißkegel-Verschraubungsstutzen

Welding Coupling Bodies



Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions							Bemerkungen Notes	Bestellzeichen Order-Code
PN	D+W	D1	G	L1	L2	L9	di	SW1		
528	6 x 1,5	6,0	14 x 1,5	10,0	20,0	27,0	3,0	14		ASV-K-6x1,5-OMD
414	8 x 1,5	8,0	16 x 1,5	10,0	20,0	27,0	5,0	17		ASV-K-8x1,5-OMD
528	8 x 2	8,0	16 x 1,5	10,0	20,0	27,0	4,0	17		ASV-K-8x2-OMD
249	10 x 1	10,0	18 x 1,5	9,0	23,5	30,0	8,0	19		ASV-K-10x1-OMD
358	10 x 1,5	10,0	18 x 1,5	9,0	23,5	30,0	7,0	19		ASV-K-10x1,5-OMD
460	10 x 2	10,0	18 x 1,5	9,0	23,5	30,0	6,0	19		ASV-K-10x2-OMD
305	12 x 1,5	12,0	20 x 1,5	14,0	28,5	36,0	9,0	22		ASV-K-12x1,5-OMD
393	12 x 2	12,0	20 x 1,5	14,0	28,5	36,0	8,0	22		ASV-K-12x2-OMD
476	12 x 2,5	12,0	20 x 1,5	14,0	28,5	36,0	7,0	22		ASV-K-12x2,5-OMD
343	14 x 2	14,0	22 x 1,5	15,0	31,5	39,5	10,0	24		ASV-K-14x2-OMD
487	14 x 3	14,0	22 x 1,5	15,0	31,5	39,5	8,0	24		ASV-K-14x3-OMD
305	16 x 2	16,0	24 x 1,5	15,0	31,5	40,0	12,0	27		ASV-K-16x2-OMD
372	16 x 2,5	16,0	24 x 1,5	15,0	31,5	40,0	11,0	27		ASV-K-16x2,5-OMD
400	16 x 3	16,0	24 x 1,5	15,0	31,5	40,0	10,0	27		ASV-K-16x3-OMD
249	20 x 2	20,0	30 x 2	16,0	33,5	44,0	16,0	32		ASV-K-20x2-OMD
305	20 x 2,5	20,0	30 x 2	16,0	33,5	44,0	15,0	32		ASV-K-20x2,5-OMD
358	20 x 3	20,0	30 x 2	16,0	33,5	44,0	14,0	32		ASV-K-20x3-OMD
400	20 x 4	20,0	30 x 2	16,0	33,5	44,0	12,0	32		ASV-K-20x4-OMD
294	25 x 3	25,0	36 x 2	18,0	38,0	50,0	19,0	41		ASV-K-25x3-OMD
379	25 x 4	25,0	36 x 2	18,0	38,0	50,0	17,0	41		ASV-K-25x4-OMD
400	25 x 5	25,0	36 x 2	18,0	38,0	50,0	15,0	41		ASV-K-25x5-OMD
249	30 x 3	30,0	42 x 2	19,0	39,5	53,0	24,0	46		ASV-K-30x3-OMD
323	30 x 4	30,0	42 x 2	19,0	39,5	53,0	22,0	46		ASV-K-30x4-OMD
393	30 x 5	30,0	42 x 2	19,0	39,5	53,0	20,0	46		ASV-K-30x5-OMD
400	30 x 6	30,0	42 x 2	19,0	39,5	53,0	18,0	46		ASV-K-30x6-OMD
261	38 x 4	38,0	52 x 2	21,0	54,0	60,0	30,0	55		ASV-K-38x4-OMD
315	38 x 5	38,0	52 x 2	21,0	54,0	60,0	28,0	55		ASV-K-38x5-OMD
315	38 x 6	38,0	52 x 2	21,0	54,0	60,0	26,0	55		ASV-K-38x6-OMD
315	38 x 7	38,0	52 x 2	21,0	54,0	60,0	24,0	55		ASV-K-38x7-OMD
250	50 x 5	50,0	68 x 2	23,0	49,0	67,0	40,0	70		ASV-K-50x5-OMD
310	50 x 6	50,0	68 x 2	23,0	49,0	67,0	38,0	70		ASV-K-50x6-OMD
350	50 x 7	50,0	68 x 2	23,0	49,0	67,0	36,0	70		ASV-K-50x7-OMD

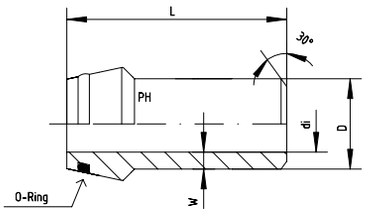
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions							Bemerkungen Notes	Bestellzeichen Order-Code
PN	D+W	D1	G	L1	L2	L9	di	SW1		
323	15 x 2	15,0	22 x 1,5	15,0	26,0	33,0	11,0	22		ASV-K-15x2-OMD
315	18 x 2	18,0	26 x 1,5	16,0	27,5	35,0	14,0	27		ASV-K-18x2-OMD
280	22 x 2,5	22,0	30 x 2	19,0	34,5	42,0	17,0	32		ASV-K-22x2,5-OMD
265	28 x 3	28,0	36 x 2	19,0	35,5	43,0	22,0	41		ASV-K-28x3-OMD
231	35 x 3	35,0	45 x 2	22,0	37,5	48,0	29,0	46		ASV-K-35x3-OMD
182	42 x 3	42,0	52 x 2	22,0	37,0	48,0	36,0	55		ASV-K-42x3-OMD

SKV - SCHWEISSNIPPEL
SKV - WELDING - NIPPLES

Mit O-Ring Abdichtung - FPM
Auf Anfrage: NBR
Passend in 24°-Innenkonus
Bohrungsform W DIN 3861

With O-ring Sealing - FPM
On request: NBR
Matching Type 24°-Inside Tapers
Bore Type W DIN 3861



Reihe / Series L + S

Druck Pressure	D x W D x W	Ca. Maße Approx. Dimensions		O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
PN		L	di			
528	6 x 1,5	31,0	3,0	4,0 x 1,5		SKV-6x1,5
692	6 x 2	31,0	2,0	4,0 x 1,5		SKV-6x2
414	8 x 1,5	31,0	5,0	6,0 x 1,5		SKV-8x1,5
528	8 x 2	31,0	4,0	6,0 x 1,5		SKV-8x2
249	10 x 1	32,5	8,0	8,0 x 1,5		SKV-10x1
358	10 x 1,5	32,5	7,0	8,0 x 1,5		SKV-10x1,5
460	10 x 2	32,5	6,0	8,0 x 1,5		SKV-10x2
305	12 x 1,5	32,5	9,0	10,0 x 1,5		SKV-12x1,5
393	12 x 2	32,5	8,0	10,0 x 1,5		SKV-12x2
476	12 x 2,5	32,5	7,0	10,0 x 1,5		SKV-12x2,5
476	12 x 3	32,5	6,0	10,0 x 1,5		SKV-12x3

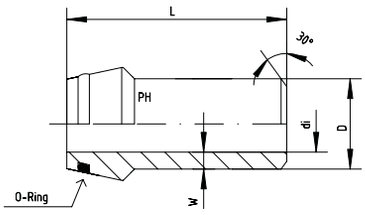
Reihe / Series S

Druck Pressure	D x W D x W	Ca. Maße Approx. Dimensions		O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
PN		L	di			
343	14 x 2	40,0	10,0	10,0 x 2,0		SKV-14x2
415	14 x 2,5	40,0	9,0	10,0 x 2,0		SKV-14x2,5
487	14 x 3	40,0	8,0	10,0 x 2,0		SKV-14x3
305	16 x 2	38,5	12,0	13,0 x 2,0		SKV-16x2
372	16 x 2,5	38,5	11,0	13,0 x 2,0		SKV-16x2,5
435	16 x 3	38,5	10,0	13,0 x 2,0		SKV-16x3
249	20 x 2	44,5	16,0	16,0 x 2,0		SKV-20x2
305	20 x 2,5	44,5	15,0	16,3 x 2,4		SKV-20x2,5
358	20 x 3	44,5	14,0	16,3 x 2,4		SKV-20x3
460	20 x 4	44,5	12,0	16,3 x 2,4		SKV-20x4
294	25 x 2,5	49,5	20,0	21,3 x 2,4		SKV-25x2,5
294	25 x 3	49,5	19,0	21,3 x 2,4		SKV-25x3
337	25 x 3,5	49,5	18,0	21,3 x 2,4		SKV-25x3,5
379	25 x 4	49,5	17,0	21,3 x 2,4		SKV-25x4
460	25 x 5	49,5	15,0	21,3 x 2,4		SKV-25x5
245	30 x 2,5	52,0	25,0	25,3 x 2,4		SKV-30x2,5
249	30 x 3	52,0	24,0	25,3 x 2,4		SKV-30x3
323	30 x 4	52,0	22,0	25,3 x 2,4		SKV-30x4
393	30 x 5	52,0	20,0	25,3 x 2,4		SKV-30x5
460	30 x 6	52,0	18,0	25,3 x 2,4		SKV-30x6
261	38 x 4	56,5	30,0	34,0 x 2,5		SKV-38x4
319	38 x 5	56,5	28,0	34,0 x 2,5		SKV-38x5
375	38 x 6	56,5	26,0	34,0 x 2,5		SKV-38x6
429	38 x 7	56,5	24,0	34,0 x 2,5		SKV-38x7
250	50 x 5	61,0	40,0	46,0 x 3,0		SKV-50x5
310	50 x 6	61,0	38,0	46,0 x 3,0		SKV-50x6
350	50 x 7	61,0	36,0	46,0 x 3,0		SKV-50x7

SKV - SCHWEISSNIPPEL
SKV - WELDING - NIPPLES

Mit O-Ring Abdichtung - FPM
Auf Anfrage: NBR
Passend in 24°-Innenkonus
Bohrungsform W DIN 3861

With O-ring Sealing - FPM
On request: NBR
Matching Type 24°-Inside Tapers
Bore Type W DIN 3861



Reihe / Series L

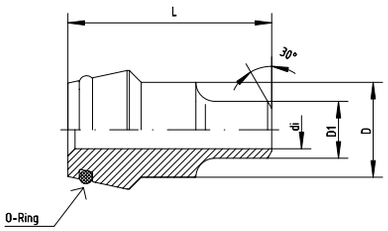
Druck Pressure	D x W D x W	Ca. Maße Approx. Dimensions		O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
PN		L	di			
270	15 x 1,5	36,0	12,0	12,0 x 2,0		SKV-15x1,5
323	15 x 2	36,0	11,0	12,0 x 2,0		SKV-15x2
393	15 x 2,5	36,0	10,0	12,0 x 2,0		SKV-15x2,5
225	18 x 1,5	37,0	15,0	16,0 x 1,5		SKV-18x1,5
300	18 x 2	37,0	14,0	15,0 x 2,0		SKV-18x2
335	18 x 2,5	37,0	13,0	15,0 x 2,0		SKV-18x2,5
245	22 x 2	38,5	18,0	19,0 x 2,0		SKV-22x2
280	22 x 2,5	38,5	17,0	19,0 x 2,0		SKV-22x2,5
328	22 x 3	38,5	16,0	19,0 x 2,0		SKV-22x3
193	28 x 2	41,5	24,0	25,0 x 2,0		SKV-28x2
224	28 x 2,5	41,5	23,0	25,0 x 2,0		SKV-28x2,5
265	28 x 3	41,5	22,0	25,0 x 2,0		SKV-28x3
154	35 x 2	47,0	31,0	32,0 x 2,5		SKV-35x2
193	35 x 2,5	47,0	30,0	32,0 x 2,5		SKV-35x2,5
231	35 x 3	47,0	29,0	32,0 x 2,5		SKV-35x3
249	35 x 3,5	47,0	28,0	32,0 x 2,5		SKV-35x3,5
249	35 x 4	47,0	27,0	32,0 x 2,5		SKV-35x4
129	42 x 2	47,0	38,0	39,0 x 1,5		SKV-42x2
150	42 x 2,5	47,0	37,0	39,0 x 1,5		SKV-42x2,5
182	42 x 3	47,0	36,0	38,0 x 2,5		SKV-42x3
238	42 x 4	47,0	34,0	38,0 x 2,5		SKV-42x4

SKV-R - SCHWEISSNIPPEL - REDUZIERUNGEN

SKV-R - WELDING - NIPPLE - REDUCINGS

Mit O-Ring Abdichtung - FPM
Auf Anfrage: NBR
Passend in 24°-Innenkonus
Bohrungsform W DIN 3861

With O-ring Sealing - FPM
On request: NBR
Matching Type 24°-Inside Tapers
Bore Type W DIN 3861



Reihe / Series S

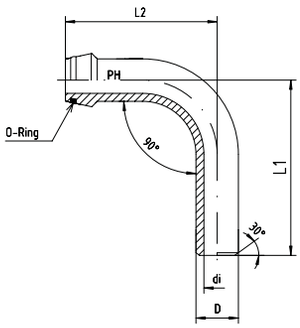
Druck Pressure	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	L	D	di			
380	6	30,0	8,0	4,0	6,0 x 1,5		SKV-R-8/6x1
528	6	30,0	8,0	3,0	6,0 x 1,5		SKV-R-8/6x1,5
414	8	32,0	10,0	5,0	8,0 x 1,5		SKV-R-10/8x1,5
528	8	32,0	10,0	4,0	8,0 x 1,5		SKV-R-10/8x2
528	6	32,0	10,0	3,0	8,0 x 1,5		SKV-R-10/6x1,5
380	6	32,0	12,0	4,0	10,0 x 1,5		SKV-R-12/6x1
528	6	32,0	12,0	3,0	10,0 x 1,5		SKV-R-12/6x1,5
414	8	32,0	12,0	5,0	10,0 x 1,5		SKV-R-12/8x1,5
358	10	32,0	12,0	7,0	10,0 x 1,5		SKV-R-12/10x1,5
460	10	32,0	12,0	6,0	10,0 x 1,5		SKV-R-12/10x2
692	6	33,0	16,0	2,0	13,0 x 2,0		SKV-R-16/6x2
414	8	39,0	16,0	5,0	13,0 x 2,0		SKV-R-16/8x1,5
460	10	39,0	16,0	6,0	13,0 x 2,0		SKV-R-16/10x2
393	12	39,0	16,0	8,0	13,0 x 2,0		SKV-R-16/12x2
305	12	37,0	18,0	9,0	15,0 x 2,0		SKV-R-18/12x1,5
414	8	43,0	20,0	5,0	16,3 x 2,4		SKV-R-20/8x1,5
358	10	43,0	20,0	7,0	16,3 x 2,4		SKV-R-20/10x1,5
393	12	43,0	20,0	8,0	16,3 x 2,4		SKV-R-20/12x2
305	16	43,0	20,0	12,0	16,3 x 2,4		SKV-R-20/16x2
372	16	43,0	20,0	11,0	16,3 x 2,4		SKV-R-20/16x2,5
435	16	43,0	20,0	10,0	16,3 x 2,4		SKV-R-20/16x3
335	18	39,0	22,0	13,0	19,0 x 2,0		SKV-R-22/18x2,5
460	10	50,0	25,0	6,0	21,3 x 2,4		SKV-R-25/10x2
393	12	50,0	25,0	8,0	21,3 x 2,4		SKV-R-25/12x2
305	16	50,0	25,0	12,0	21,3 x 2,4		SKV-R-25/16x2
372	16	50,0	25,0	11,0	21,3 x 2,4		SKV-R-25/16x2,5
435	16	50,0	25,0	10,0	21,3 x 2,4		SKV-R-25/16x3
249	20	50,0	25,0	16,0	21,3 x 2,4		SKV-R-25/20x2
305	20	50,0	25,0	15,0	21,3 x 2,4		SKV-R-25/20x2,5
358	20	50,0	25,0	14,0	21,3 x 2,4		SKV-R-25/20x3
358	10	52,0	30,0	7,0	25,3 x 2,4		SKV-R-30/10x1,5
393	12	52,0	30,0	8,0	25,3 x 2,4		SKV-R-30/12x2
305	16	52,0	30,0	12,0	25,3 x 2,4		SKV-R-30/16x2
435	16	52,0	30,0	10,0	25,3 x 2,4		SKV-R-30/16x3
358	20	52,0	30,0	14,0	25,3 x 2,4		SKV-R-30/20x3
379	25	52,0	30,0	17,0	25,3 x 2,4		SKV-R-30/25x4
294	25	52,0	30,0	19,0	25,3 x 2,4		SKV-R-30/25x3
358	10	58,0	38,0	7,0	34,0 x 2,5		SKV-R-38/10x1,5
393	12	58,0	38,0	8,0	34,0 x 2,5		SKV-R-38/12x2
305	16	58,0	38,0	12,0	34,0 x 2,5		SKV-R-38/16x2
435	16	58,0	38,0	10,0	34,0 x 2,5		SKV-R-38/16x3
249	20	58,0	38,0	16,0	34,0 x 2,5		SKV-R-38/20x2
305	20	58,0	38,0	15,0	34,0 x 2,5		SKV-R-38/20x2,5
358	20	58,0	38,0	14,0	34,0 x 2,5		SKV-R-38/20x3
294	25	58,0	38,0	19,0	34,0 x 2,5		SKV-R-38/25x3
379	25	58,0	38,0	17,0	34,0 x 2,5		SKV-R-38/25x4
249	30	58,0	38,0	24,0	34,0 x 2,5		SKV-R-38/30x3
323	30	58,0	38,0	22,0	34,0 x 2,5		SKV-R-38/30x4

SKV-RB - SCHWEISSNIPPEL - ROHRBÖGEN - 90°

SKV-RB - WELDING - NIPPLE - ELBOWS - 90°

Mit O-Ring Abdichtung - FPM
Auf Anfrage: NBR
Passend in 24°-Innenkonus
Bohrungsform W DIN 3861

With O-ring Sealing - FPM
On request: NBR
Matching Type 24°-Inside Tapers
Bore Type W DIN 3861



Reihe / Series S

Druck Pressure	Rohr Tube	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
PN		L1	L2	D	di			
460	10 x 2	49,0	51,0	10,0	6,0	8,0 x 1,5		SKV-RB-10x2
393	12 x 2	50,0	51,0	12,0	8,0	10,0 x 1,5		SKV-RB-12x2
476	12 x 2,5	50,0	51,0	12,0	7,0	10,0 x 1,5		SKV-RB-12x2,5
305	16 x 2	72,0	67,0	16,0	12,0	13,0 x 2,0		SKV-RB-16x2
372	16 x 2,5	72,0	67,0	16,0	11,0	13,0 x 2,0		SKV-RB-16x2,5
435	16 x 3	72,0	67,0	16,0	10,0	13,0 x 2,0		SKV-RB-16x3
249	20 x 2	89,0	86,0	20,0	16,0	16,3 x 2,4		SKV-RB-20x2
305	20 x 2,5	89,0	86,0	20,0	15,0	16,3 x 2,4		SKV-RB-20x2,5
358	20 x 3	89,0	86,0	20,0	14,0	16,3 x 2,4		SKV-RB-20x3
294	25 x 3	93,0	89,0	25,0	19,0	21,3 x 2,4		SKV-RB-25x3
379	25 x 4	93,0	89,0	25,0	17,0	21,3 x 2,4		SKV-RB-25x4
460	25 x 5	93,0	89,0	25,0	15,0	21,3 x 2,4		SKV-RB-25x5
323	30 x 4	112,0	105,0	30,0	22,0	25,3 x 2,4		SKV-RB-30x4
393	30 x 5	112,0	105,0	30,0	20,0	25,3 x 2,4		SKV-RB-30x5
460	30 x 6	112,0	105,0	30,0	18,0	25,3 x 2,4		SKV-RB-30x6
261	38 x 4	145,0	137,0	38,0	30,0	34,0 x 2,5		SKV-RB-38x4
319	38 x 5	145,0	137,0	38,0	28,0	34,0 x 2,5		SKV-RB-38x5
375	38 x 6	145,0	137,0	38,0	26,0	34,0 x 2,5		SKV-RB-38x6
429	38 x 7	145,0	137,0	38,0	24,0	34,0 x 2,5		SKV-RB-38x7

Reihe / Series L

Druck Pressure	Rohr Tube	Ca. Maße Approx. Dimensions				O-Ring O-ring	Bemerkungen Notes	Bestellzeichen Order-Code
PN		L1	L2	D	di			
328	22 x 3	79,0	85,0	22,0	16,0	19,0 x 2,0		SKV-RB-22x3

423 046
DB
18
6

Winkel-Drehverschraubungen
Elbow Rotary Couplings

11

11

WINKEL-DREHVERSCHRAUBUNGEN
ELBOW ROTARY COUPLINGS

Produktgruppen	Product-Groups	Seite / Page
Anwendung	**Application**	11.2-11.3
DGWE - Winkel - Drehverschraubungen	**DGWE - Rotary - Couplings**	
DGWE - Whitworth - Zylindrisch - Standard	DGWE - BSP - Parallel - Standard	11.4
DGWE - Whitworth - Zylindrisch - SC	DGWE - BSP - Parallel - SC	11.5
DGWE - Whitworth - Zylindrisch - OMD	DGWE - BSP - Parallel - OMD	11.6

Standard = Überwurfmutter blank / Tube nuts are supplied unplated
SC = Überwurfmutter bis Größe 12-S ist gleitbeschichtet / Tube nuts until size 12-L are supplied chemical plated
= Überwurfmutter ab Größe 12-S ist mit versilbertem Gewinde / Tube nuts from size 12-S are supplied with silver plated thread
OMD = Verschraubung ohne Überwurfmutter und Schneidring am Außengewinde / Couplings are supplied without nut and cutting ring at male thread

Drehverschraubungen sind Verbindungselemente für die Übertragung von Schwenk- und Drehbewegungen mit geringer Winkelgeschwindigkeit
zwischen Aggregaten und Leitungen. Die Verbindungen sind wartungsfrei,
ohne Leckverluste und haben niedrige Anlaufdrehmomente.

Hinweis:

Zum Ausgleich jeder Fluchtungsungenauigkeit wird die Verwendung eines flexiblen Anschlusses dringend empfohlen. Die Lebensdauer der Dichtelemente ist abhängig vom Betriebsdruck, der Gleitgeschwindigkeit und dem Medium.
Die Drehverschraubungen sind nur für schmierende Medien geeignet.

Temperatur -15°C bis +100°C.

Andere Anschlussarten und Dichtungskombinationen auf Anfrage.

Swivel banjos are designed to connect rigid tube to equipment for transmission of swivelling movement and rotation at low angular velocity. These couplings have a low starting torque, are leak free and require no maintenance.

Note:

To compensate any misalignment, the use of a flexible connection is recommended. Life of the sealing elements is dependent upon operating pressure, turning speed and medium.
These rotary couplings are only usable for lubricating media.

Temperature: -15°C to +100°C

Other connections and sealing combinations on request.

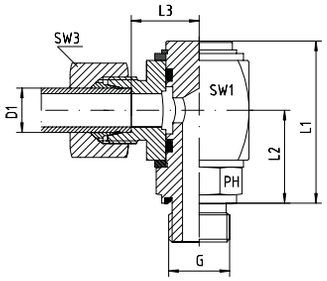
DGWE - WINKEL - DREHVERSCHRAUBUNGEN

DGWE - ROTARY - COUPLINGS

Winkel-Drehverschraubungen
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
Einschraubgewinde G: Metrisch - Zylindrisch
Ausführung: Gehäuse aus Vierkantstahl
Dichtungskombination:
O-Ring + wd = FPM

Stützring = PTFE

Elbow Rotary Couplings
Thread G: BSP - Parallel
Thread G: Metric - Parallel
Construction: Bodies made from Steel Bar
Sealing Combination:
O-ring + wd = FPM
Backing Ring = PTFE



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	**D1**	**G**	**L1**	**L2**	**L3**	**SW1**	**SW3**		
250	6	1/8“	47,0	26,5	16,5	27	14		DGWE-L-06-G 1/8“-wd
250	6	1/4“	47,5	26,5	16,5	27	14		DGWE-L-06-G 1/4“-wd
250	6	3/8“	47,5	26,5	16,5	27	14		DGWE-L-06-G 3/8“-wd
250	8	1/4“	47,5	26,5	16,5	27	17		DGWE-L-08-G 1/4“-wd
250	8	3/8“	47,5	26,5	16,5	27	17		DGWE-L-08-G 3/8“-wd
250	10	1/4“	47,5	26,5	17,5	27	19		DGWE-L-10-G 1/4“-wd
250	10	3/8“	47,5	26,5	17,5	27	19		DGWE-L-10-G 3/8“-wd
250	12	1/4“	47,5	26,5	17,5	27	22		DGWE-L-12-G 1/4“-wd
250	12	3/8“	47,5	26,5	17,5	27	22		DGWE-L-12-G 3/8“-wd
250	12	1/2“	58,5	33,5	23,0	36	22		DGWE-L-12-G 1/2“-wd
250	15	1/2“	58,5	33,5	24,0	36	27		DGWE-L-15-G 1/2“-wd
160	18	1/2“	58,5	33,5	23,5	36	32		DGWE-L-18-G 1/2“-wd
160	22	3/4“	66,0	38,0	27,5	41	36		DGWE-L-22-G 3/4“-wd
100	28	1“	72,0	42,5	29,5	46	41		DGWE-L-28-G 1“-wd
100	35	1 1/4“	92,5	52,0	39,5	65	50		DGWE-L-35-G 1 1/4“-wd
100	42	1 1/2“	102,0	56,0	42,0	75	60		DGWE-L-42-G 1 1/2“-wd

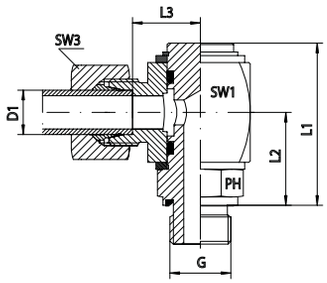
Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	**D1**	**G**	**L1**	**L2**	**L3**	**SW1**	**SW3**		
400	6	1/4“	47,5	26,5	18,5	27	17		DGWE-S-06-G 1/4“-wd
400	6	3/8“	47,5	26,5	18,5	27	17		DGWE-S-06-G 3/8“-wd
400	8	1/4“	47,5	26,5	18,5	27	19		DGWE-S-08-G 1/4“-wd
400	8	3/8“	47,5	26,5	18,5	27	19		DGWE-S-08-G 3/8“-wd
400	10	1/4“	47,5	26,5	18,0	27	22		DGWE-S-10-G 1/4“-wd
400	10	3/8“	47,5	26,5	18,0	27	22		DGWE-S-10-G 3/8“-wd
400	12	3/8“	47,5	26,5	18,0	27	24		DGWE-S-12-G 3/8“-wd
400	14	1/2“	58,5	33,5	25,0	36	27		DGWE-S-14-G 1/2“-wd
400	16	1/2“	58,5	33,5	24,5	36	30		DGWE-S-16-G 1/2“-wd
250	20	3/4“	66,0	38,0	26,5	41	36		DGWE-S-20-G 3/4“-wd
250	25	1“	72,0	42,5	29,0	46	46		DGWE-S-25-G 1“-wd
250	30	1 1/4“	92,5	52,0	38,5	65	50		DGWE-S-30-G 1 1/4“-wd
250	38	1 1/2“	102,0	56,0	43,5	75	60		DGWE-S-38-G 1 1/2“-wd
400	16	M 22 x 1,5	58,5	33,5	24,5	36	30		DGWE-S-16-M 22x1,5-wd
250	20	M 27 x 2	66,0	38,0	26,5	41	36		DGWE-S-20-M 27x2-wd

DGWE - WINKEL - DREHVERSCHRAUBUNGEN
DGWE - ROTARY - COUPLINGS

Winkel-Drehverschraubungen
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
Einschraubgewinde G: Metrisch - Zylindrisch
Ausführung: Gehäuse aus Vierkantstahl
Dichtungskombination:
O-Ring + wd = FPM
Stützring = PTFE

Elbow Rotary Couplings
Thread G: BSP - Parallel
Thread G: Metric - Parallel
Construction: Bodies made from Steel Bar
Sealing Combination:
O-ring + wd = FPM
Backing Ring = PTFE



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	D1	G	L1	L2	L3	SW1	SW3		
250	6	1/8“	47,0	26,5	16,5	27	14		DGWE-L-06-G 1/8“-wd-SC
250	6	1/4“	47,5	26,5	16,5	27	14		DGWE-L-06-G 1/4“-wd-SC
250	6	3/8“	47,5	26,5	16,5	27	14		DGWE-L-06-G 3/8“-wd-SC
250	8	1/4“	47,5	26,5	16,5	27	17		DGWE-L-08-G 1/4“-wd-SC
250	8	3/8“	47,5	26,5	16,5	27	17		DGWE-L-08-G 3/8“-wd-SC
250	10	1/4“	47,5	26,5	17,5	27	19		DGWE-L-10-G 1/4“-wd-SC
250	10	3/8“	47,5	26,5	17,5	27	19		DGWE-L-10-G 3/8“-wd-SC
250	12	1/4“	47,5	26,5	17,5	27	22		DGWE-L-12-G 1/4“-wd-SC
250	12	3/8“	47,5	26,5	17,5	27	22		DGWE-L-12-G 3/8“-wd-SC
250	12	1/2“	58,5	33,5	23,0	36	22		DGWE-L-12-G 1/2“-wd-SC
250	15	1/2“	58,5	33,5	24,0	36	27		DGWE-L-15-G 1/2“-wd-SC
160	18	1/2“	58,5	33,5	23,5	36	32		DGWE-L-18-G 1/2“-wd-SC
160	22	3/4“	66,0	38,0	27,5	41	36		DGWE-L-22-G 3/4“-wd-SC
100	28	1“	72,0	42,5	29,5	46	41		DGWE-L-28-G 1“-wd-SC
100	35	1 1/4“	92,5	52,0	39,5	65	50		DGWE-L-35-G 1 1/4“-wd-SC
100	42	1 1/2“	102,0	56,0	42,0	75	60		DGWE-L-42-G 1 1/2“-wd-SC

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
PB	D1	G	L1	L2	L3	SW1	SW3	
400	6	1/4“	47,5	26,5	18,5	27	17	DGWE-S-06-G 1/4“-wd-SC
400	6	3/8“	47,5	26,5	18,5	27	17	DGWE-S-06-G 3/8“-wd-SC
400	8	1/4“	47,5	26,5	18,5	27	19	DGWE-S-08-G 1/4“-wd-SC
400	8	3/8“	47,5	26,5	18,5	27	19	DGWE-S-08-G 3/8“-wd-SC
400	10	1/4“	47,5	26,5	18,0	27	22	DGWE-S-10-G 1/4“-wd-SC
400	10	3/8“	47,5	26,5	18,0	27	22	DGWE-S-10-G 3/8“-wd-SC
400	12	3/8“	47,5	26,5	18,0	27	24	DGWE-S-12-G 3/8“-wd-SC
400	14	1/2“	58,5	33,5	25,0	36	27	DGWE-S-14-G 1/2“-wd-SC
400	16	1/2“	58,5	33,5	24,5	36	30	DGWE-S-16-G 1/2“-wd-SC
250	20	3/4“	66,0	38,0	26,5	41	36	DGWE-S-20-G 3/4“-wd-SC
250	25	1“	72,0	42,5	29,0	46	46	DGWE-S-25-G 1“-wd-SC
250	30	1 1/4“	92,5	52,0	38,5	65	50	DGWE-S-30-G 1 1/4“-wd-SC
250	38	1 1/2“	102,0	56,0	43,5	75	60	DGWE-S-38-G 1 1/2“-wd-SC
400	16	M 22 x 1,5	58,5	33,5	24,5	36	30	DGWE-S-16-M 22x1,5-wd-SC
250	20	M 27 x 2	66,0	38,0	26,5	41	36	DGWE-S-20-M 27x2-wd-SC

DGWE - WINKEL - DREHVERSCHRAUBUNGEN

DGWE - ROTARY - COUPLINGS

Winkel-Drehverschraubungen
Einschraubgewinde G:
Whitworth-Rohrgewinde - Zylindrisch
Einschraubgewinde G: Metrisch - Zylindrisch
Ausführung: Gehäuse aus Vierkantstahl
Dichtungskombination:
O-Ring + wd = FPM
Stützring = PTFE

Elbow Rotary Couplings
Thread G: BSP - Parallel
Thread G: Metric - Parallel
Construction: Bodies made from Steel Bar
Sealing Combination:
O-ring + wd = FPM
Backing Ring = PTFE

Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	D1	G	L1	L2	L3	SW1	SW3		
250	6	1/8“	47,0	26,5	16,5	27	14		DGWE-L-06-G 1/8“-wd-OMD
250	6	1/4“	47,5	26,5	16,5	27	14		DGWE-L-06-G 1/4“-wd-OMD
250	6	3/8“	47,5	26,5	16,5	27	14		DGWE-L-06-G 3/8“-wd-OMD
250	8	1/4“	47,5	26,5	16,5	27	17		DGWE-L-08-G 1/4“-wd-OMD
250	8	3/8“	47,5	26,5	16,5	27	17		DGWE-L-08-G 3/8“-wd-OMD
250	10	1/4“	47,5	26,5	17,5	27	19		DGWE-L-10-G 1/4“-wd-OMD
250	10	3/8“	47,5	26,5	17,5	27	19		DGWE-L-10-G 3/8“-wd-OMD
250	12	1/4“	47,5	26,5	17,5	27	22		DGWE-L-12-G 1/4“-wd-OMD
250	12	3/8“	47,5	26,5	17,5	27	22		DGWE-L-12-G 3/8“-wd-OMD
250	12	1/2“	58,5	33,5	23,0	36	22		DGWE-L-12-G 1/2“-wd-OMD
250	15	1/2“	58,5	33,5	24,0	36	27		DGWE-L-15-G 1/2“-wd-OMD
160	18	1/2“	58,5	33,5	23,5	36	32		DGWE-L-18-G 1/2“-wd-OMD
160	22	3/4“	66,0	38,0	27,5	41	36		DGWE-L-22-G 3/4“-wd-OMD
100	28	1“	72,0	42,5	29,5	46	41		DGWE-L-28-G 1“-wd-OMD
100	35	1 1/4“	92,5	52,0	39,5	65	50		DGWE-L-35-G 1 1/4“-wd-OMD
100	42	1 1/2“	102,0	56,0	42,0	75	60		DGWE-L-42-G 1 1/2“-wd-OMD

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PB	D1	G	L1	L2	L3	SW1	SW3		
400	6	1/4“	47,5	26,5	18,5	27	17		DGWE-S-06-G 1/4“-wd-OMD
400	6	3/8“	47,5	26,5	18,5	27	17		DGWE-S-06-G 3/8“-wd-OMD
400	8	1/4“	47,5	26,5	18,5	27	19		DGWE-S-08-G 1/4“-wd-OMD
400	8	3/8“	47,5	26,5	18,5	27	19		DGWE-S-08-G 3/8“-wd-OMD
400	10	1/4“	47,5	26,5	18,0	27	22		DGWE-S-10-G 1/4“-wd-OMD
400	10	3/8“	47,5	26,5	18,0	27	22		DGWE-S-10-G 3/8“-wd-OMD
400	12	3/8“	47,5	26,5	18,0	27	24		DGWE-S-12-G 3/8“-wd-OMD
400	14	1/2“	58,5	33,5	25,0	36	27		DGWE-S-14-G 1/2“-wd-OMD
400	16	1/2“	58,5	33,5	24,5	36	30		DGWE-S-16-G 1/2“-wd-OMD
250	20	3/4“	66,0	38,0	26,5	41	36		DGWE-S-20-G 3/4“-wd-OMD
250	25	1“	72,0	42,5	29,0	46	46		DGWE-S-25-G 1“-wd-OMD
250	30	1 1/4“	92,5	52,0	38,5	65	50		DGWE-S-30-G 1 1/4“-wd-OMD
250	38	1 1/2“	102,0	56,0	43,5	75	60		DGWE-S-38-G 1 1/2“-wd-OMD
400	16	M 22 x 1,5	58,5	33,5	24,5	36	30		DGWE-S-16-M 22x1,5-wd-OMD
250	20	M 27 x 2	66,0	38,0	26,5	41	36		DGWE-S-20-M 27x2-wd-OMD

Vormontage und Schmierstoffe
Pre-Installation and Lubricants

12

VORMONTAGE UND SCHMIERSTOFFE
PRE-INSTALLATION AND LUBRICANTS

Produktgruppen	Product-Groups	Seite / Page	
Vormontage	**Pre - Installation**		
Vormontagegerät - Typ 80 N3	Pre - Installation Device - Type 80 N3	12.2	
Gegenhalterplatten - Typ 80 N3	Counter Bracket - Type 80 N3	12.3	
Vormontagestutzen - Typ 80 N3	Pre - Installation Dies - Typ 80 N3	12.3	
Vormontagestutzen	Pre - Installation Dies	12.4	
Schmierstoffe	**Lubricants**		
Öl-Jokisch HDS 400	Oil - Jokisch HDS 400	12.5	
Weiße Paste - PH Paste 810	White Grease Paste - PH Paste 810	12.6	
High-Tech Paste - ASW	High-Tech Grease Paste - ASW	12.7	
Weiße Fettpaste - Gleitmo 815	White Grease Paste - Gleitmo 815	12.8	

VORMONTAGEGERÄT - TYP 80 N 3
PRE-ASSEMBLY DEVICE - TYPE 80 N 3

Vormontagegerät und Werkzeuge
- Vormontage von Schneidringen mittels definiertem Montagedruck für optimale Montageergebnisse
- Handbetrieben, transportabel und kompakt
- Einspannen im Schraubstock
- Befestigen direkt auf der Werkbank
- Demontierbarer Hebelarm für leichten Transport

Pre-assembly equipment and tools
- Pre-assembly of cutting rings using defined Assembly pressure for optimal assembly results
- Hand operated, portable and compact
- Clamping in a vice
- Attach directly to the workbench
- Removable lever arm for easy transport

Typ Type	Ca. Maße in mm Apporox. Dimensions in mm			Gewicht Weight	Bemerkungen Notes	Bestellzeichen Order-Code
	B	H	T	KG		
Vormontagegerät - Typ 80 N3 Pre-assembly device - Type 80 N3	190	267	590	15		VOMO-TYPEM

Vormontagegerätekoffer
- Passend für Vormontagegerät Typ 80 N3
- Werkzeugsteckeinsatz für 12 Gegenhalterplatten und 13 Vormontagestutzen.

(Vormontagegerät Typ 80 N3 und Werkzeuge nicht enthalten)

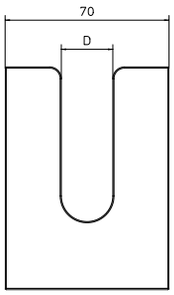
Pre-assembly Case
- Suitable for pre-assembly device type 80 N3
- Tool insert for 12 Counter bracket and 13 Pre-installation dies

(Pre-assembly device - Type 80 N3 and Tools not included)

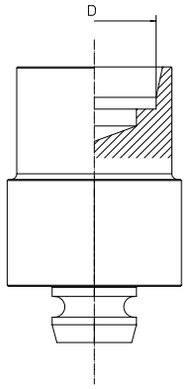
Typ Type	Ca. Maße in mm Apporox. Dimensions in mm			Gewicht Weight	Bemerkungen Notes	Bestellzeichen Order-Code
	B	H	T	KG		
Vormontagegerätkoffer - Typ 80 N3 Pre-assembly device case - Type 80 N3	585	250	385	5,9		VOMO-TYPEM-CASE

GEGENHALTERPLATTEN & VORMONTAGESTUTZEN - TYP 80 N 3

COUNTER BRACKET & PRE-INSTALLATION DIES TYPE 80 N 3



Gegenhalterplatten (A)
Counter bracket (A)



Vormontagestutzen (B)
Pre-installation dies (B)

Reihe / Series L

Rohr A.D. Tube O.D.	Bemerkungen Notes	Bestellzeichen Order-Code	Bestellzeichen Order-Code
D		Gegenhalterplatten (A) Counter bracket (A)	Vormontagestutzen (B) Pre-installation dies (B)
6		GHP-M-06	VOSTM-L-06
8		GHP-M-08	VOSTM-L-08
10		GHP-M-10	VOSTM-L-10
12		GHP-M-12	VOSTM-L-12
15		GHP-M-15	VOSTM-L-15
18		GHP-M-18	VOSTM-L-18
22		GHP-M-22	VOSTM-L-22
28		GHP-M-28	VOSTM-L-28
35		GHP-M-35	VOSTM-L-35
42		GHP-M-42	VOSTM-L-42

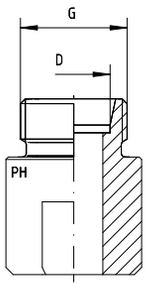
Reihe / Series S

Rohr A.D. Tube O.D.	Bemerkungen Notes	Bestellzeichen Order-Code	Bestellzeichen Order-Code
D		Gegenhalterplatten (A) Counter bracket (A)	Vormontagestutzen (B) Pre-installation dies (B)
6		GHP-M-06	VOSTM-S-06
8		GHP-M-08	VOSTM-S-08
10		GHP-M-10	VOSTM-S-10
12		GHP-M-12	VOSTM-S-12
16		GHP-M-16	VOSTM-S-16
20		GHP-M-20	VOSTM-S-20
25		GHP-M-25	VOSTM-S-25
30		GHP-M-30	VOSTM-S-30
38		GHP-M-38	VOSTM-S-38

VORMONTAGESTUTZEN
PRE-INSTALLATION DIES

Bei manueller Vormontage sind gehärtete Vormontagestutzen zwingend erforderlich

With manual preassembly are hardened Preassembly sockets absolutely necessary



Reihe / Series LL

Rohr A.D. Tube O.D.	Gewinde Thread	Bemerkungen Notes	Bestellzeichen Order-Code
D	**G**		
4	M 8 x 1		VOST-LL-04
6	M 10 x 1		VOST-LL-06
8	M 12 x 1		VOST-LL-08

Reihe / Series L

Rohr A.D. Tube O.D.	Gewinde Thread	Bemerkungen Notes	Bestellzeichen Order-Code
D	**G**		
6	M 12 x 1,5		VOST-L-06
8	M 14 x 1,5		VOST-L-08
10	M 16 x 1,5		VOST-L-10
12	M 18 x 1,5		VOST-L-12
15	M 22 x 1,5		VOST-L-15
18	M 26 x 1,5		VOST-L-18
22	M 30 x 2		VOST-L-22
28	M 36 x 2		VOST-L-28
35	M 45 x 2		VOST-L-35
42	M 52 x 2		VOST-L-42

Reihe / Series S

Rohr A.D. Tube O.D.	Gewinde Thread	Bemerkungen Notes	Bestellzeichen Order-Code
D	**G**		
6	M 14 x 1,5		VOST-S-06
8	M 16 x 1,5		VOST-S-08
10	M 18 x 1,5		VOST-S-10
12	M 20 x 1,5		VOST-S-12
14	M 22 x 1,5		VOST-S-14
16	M 24 x 1,5		VOST-S-16
20	M 30 x 2		VOST-S-20
25	M 36 x 2		VOST-S-25
30	M 42 x 2		VOST-S-30
38	M 52 x 2		VOST-S-38

Öl-Jokisch HDS 400 á 250 ml
Für die Montage von Schraubverbindungen
aus Edelstahl
-20°C bis +120°C

Oil-Jokisch HDS 400 á 250 ml
For Assembly of Stainless Steel Couplings
-20°C to +120°C

		Bemerkungen Notes	Bestellzeichen Order-Code
			Öl-HDS 250 ml

Öl-Jokisch HDS 400 á 250 ml
Für die Montage von Schraubverbindungen
aus Edelstahl -20°C bis +120°C

Oil-Jokisch HDS 400 á 250 ml
For Assembly of Stainless Steel Couplings -20°C to +120°C

Weiße Paste - PH Paste 810 á 100 g
Für die Montage von Schraubverbindungen
aus Edelstahl
-40°C bis +80°C

White Grease Paste - PH Paste 810 á 100 g
For Assembly of Stainless Steel Couplings
-40°C to +80°C

		Bemerkungen Notes	Bestellzeichen Order-Code
			PH Paste 810-90g
			PH Paste 810-1000g

- Gebrauchstemperaturbereich: -40 / +80°C
- vermindert Reibung und Verschleiß von niedriger bis höchster Belastung
- besonders geeignet für kritische Beanspruchung wie Oszillation, Vibration, Kriechbewegung
- schützt weitgehend gegen Passungsrost
- vermeidet Ruckgleiten und Fresser
- sauber in Anwendung und Gebrauch

- temperature range: -40 / +80 °C
- reduces friction and wear from low to highest loads
- particularly suitable for critical loads such as oscillation, vibration, creep movementst
- largely protects against fretting corrosion
- prevents slip stick and seizure
- clean to use

High-Tech Paste ASW 120 P - Metallfrei
Für die Montage von Schraubverbindungen
aus Edelstahl
-40°C bis +1400°C

High-Tech Grease Paste ASW 120 P - Metalfree
For Assembly of Stainless Steel Couplings
-40° to +1400°C

		Bemerkungen Notes	Bestellzeichen Order-Code
			ASW 120 P-120g
			ASW 1000 P-1000g

High-Tech Paste ASW - Speziell für die Montage von Schraubverbindungen aus Edelstahl. Die ASW ist hochtemperaturbeständig, hat eine außergewöhnlich gute Trennwirkung, ist metallfrei, werkstoffneutral und hat eine NSF-Zulassung.

Temperaturbeständigkeit:	-40°C bis +1400°C
Farbe:	weiß
Silikonfrei :	ja
Reibbeiwert 1.4571:	0,15

High-Tech Paste ASW - Especially for the assembly of screw connections Stainless steel. The ASW is resistant to high temperatures and has an exceptionally good Separating effect, is metal-free, material-neutral and has NSF approval.

Temperature resistance:	-40°C to +1400°C
Color:	white
Silicone-free:	yes
Coefficient of friction 1.4571:	0.15

Weiße Fettpaste - Gleitmo 815 - Sprühdose á 400 ml
Für die Montage von Schraubverbindungen
aus Edelstahl
-45°C / +110°C; kurzzeitig bis 180°C

White Grease Paste - Gleitmo 815 - Aerosol á 400 ml
For Assembly of Stainless Steel Couplings
-45°C / +110°C; short-term up to 180°C

		Bemerkungen Notes	Bestellzeichen Order-Code
			Gleitmo 815

- Gebrauchstemperaturbereich: -45 / +150 °C, kurzzeitig bis 180 °C
- vermindert Reibung und Verschleiß von niedriger bis höchster Belastung
- besonders geeignet für kritische Beanspruchung wie Oszillation, Vibration, Kriechbewegung
- schützt weitgehend gegen Passungsrost
- ist sauber in Anwendung und Gebrauch
- gute Verträglichkeit zu Kunststoffen und Elastomeren

- temperature range: -45 / +150 °C, short term up to 180 °C
- reduces friction and wear from low to highest loads
- particularly suitable for critical loads such as oscillation, vibration, creep movements
- protects to a large extent against fretting corrosion
- is clean to use
- good compatibility with plastics and elastomers

Kugelhähne und Absperrventile
Ball Valves and Spindle Valves

13

KUGELHÄHNE UND ABSPERRVENTILE
BALL VALVES AND SPINDLE VALVES

Produktgruppen	Product-Groups	Seite / Page
Allgemeine Hinweise	**General References**	**13.3-13.14**
RKH - Edelstahl - Kugelhähne	**RKH - Stainless Steel - Ball Valves**	
RKH - Rohrgewinde DIN ISO 228 PTFE - FPM	RKH - BSP - Female Thread DIN ISO 228	13.15
RKH - Rohrgewinde DIN ISO 228 PTFE - EPDM	RKH - BSP - Female Thread DIN ISO 228 PTFE - EPDM	13.15
RKH - Rohrgewinde DIN ISO 228 POM - NBR	RKH - BSP - Female Thread DIN ISO 228 POM - NBR	13.15
RKH - NPT-Innengewinde ANSI B 2.1 PTFE - FPM	RKH - NPT - Female Thread ANSI B 2.1 PTFE - FPM	13.15
RKH - NPT-Innengewinde ANSI B 2.1 PTFE - EPDM	RKH - NPT - Female Thread ANSI B 2.1 PTFE - EPDM	13.15
RKH - NPT-Innengewinde ANSI B 2.1 POM - NBR	RKH - NPT-Female Thread ANSI B 2.1 POM - NBR	13.15
RKH - Rohrverschraubung L-Reihe DIN 2353 PTFE - FPM	RKH - For Compression Fitting L-Series DIN 2353 PTFE - FPM	13.15
RKH - Rohrverschraubung L-Reihe DIN 2353 PTFE - EPDM	RKH - For Compression Fitting L-Series DIN 2353 PTFE - EPDM	13.15
RKH - Rohrverschraubung L-Reihe DIN 2353 POM - NBR	RKH - For Compression Fitting L-Series DIN 2353 POM - NBR	13.15
RKH - Rohrverschraubung S-Reihe DIN 2353 PTFE - FPM	RKH - For Compression Fitting S-Series DIN 2353 PTFE - FPM	13.15
RKH - Rohrverschraubung S-Reihe DIN 2353 PTFE - EPDM	RKH - For Compression Fitting S-Series DIN 2353 PTFE - EPDM	13.15
RKH - Rohrverschraubung S-Reihe DIN 2353 POM - NBR	RKH - For Compression Fitting S-Series DIN 2353 POM - NBR	13.15
BKH - Edelstahl - Kugelhähne	**BKH - Stainless Steel - Ball Valves**	
BKH - Rohrgewinde DIN ISO 228	BKH - Female Thread DIN ISO 228	13.17
BKH - Rohrgewinde Leichte Reihe DIN ISO 228	BKH - For Compression Fitting Light Series DIN ISO 228	13.17
BKH - Rohrgewinde Schwere DIN ISO 228	BKH - Female Thread DIN ISO 228	13.17
BKH - Kugelhähne - Schließvorrichtung	BKH - Ball - Valves - locking device	13.18
BK3 - Dreiwege - Umschalt - Kugelhähne	**BK3 - Three - Way - Ball Valves**	
Allgemeine Hinweise	General References	13.19-13.20
BK3 - Dreiwege - Umschalt - Kugelhähne - L-Bohrung	**BK3 - Three - Way Ball Valves - L-Bore**	
BK3 - Rohrgewinde DIN ISO 228 PTFE - FPM	BK3 - BSP - Female Thread DIN ISO 228 PTFE - FPM	13.21
BK3 - Rohrgewinde DIN ISO 228 POM - NBR	BK3 - BSP - Female Thread DIN ISO 228 POM - NBR	13.21
BK3 - NPT - Innengewinde ANSI B 2.1 PTFE - FPM	BK3 - NPT - Female Thread ANSI B 2.1 PTFE - FPM	13.21
BK3 - NPT - Innengewinde ANSI B 2.1 POM - NBR	BK3 - NPT - Female Thread ANSI B 2.1 POM - NBR	13.21
BK3 - Rohrverschraubung L-Reihe DIN 2353 PTFE - FPM	BK3 - For Compression Fitting L-Series DIN 2353 PTFE - FPM	13.21
BK3 - Rohrverschraubung L-Reihe DIN 2353 POM - NBR	BK3 - For Compression Fitting L-Series DIN 2353 POM - NBR	13.21
BK3 - Rohrverschraubung S-Reihe DIN 2353 PTFE - FPM	BK3 - For Compression Fitting S-Series DIN 2353 PTFE - FPM	13.21
BK3 - Rohrverschraubung S-Reihe DIN 2353 POM - NBR	BK3 - For Compression Fitting S-Series DIN 2353 POM - NBR	13.21

KUGELHÄHNE UND ABSPERRVENTILE
BALL VALVES AND SPINDLE VALVES

Produktgruppen	Product-Groups	Seite / Page	
BK3 - Dreiwege - Umschalt - Kugelhähne - T-Bohrung	**BK3 - Three - Way - Ball Valves - T-bore**		
BK3 - Rohrgewinde DIN ISO 228 PTFE - FPM	BK3 - BSP Female Thread DIN ISO 228 PTFE - FPM	13.22	
BK3 - Rohrgewinde DIN ISO 228 POM - NBR	BK3 - BSP Female Thread DIN ISO 228 POM - NBR	13.22	
BK3 - NPT-Innengewinde ANSI B 2.1 PTFE - FPM	BK3 - NPT-Female Thread ANSI B 2.1 PTFE - FPM	13.22	
BK3 - NPT-Innengewinde ANSI B 2.1- POM - NBR	BK3 - NPT-Female Thread ANSI B 2.1 POM - NBR	13.22	
BK3 - Rohrverschraubung L-Reihe DIN 2353 PTFE - FPM	BK3 - For Compression Fitting L-Series DIN 2353 PTFE - FPM	13.22	
BK3 - Rohrverschraubung L-Reihe DIN 2353 POM - NBR	BK3 - For Compression Fitting L-Series DIN 2353 POM - NBR	13.22	
BK3 - Rohrverschraubung S-Reihe DIN 2353 PTFE - FPM	BK3 - For Compression Fitting S-Series DIN 2353 PTFE - FPM	13.22	
BK3 - Rohrverschraubung S-Reihe DIN 2353- POM - NBR	BK3 - For Compression Fitting S-Series DIN 2353 POM - NBR	13.22	
FKH - Hochdruck - Flanschkugelhähne	**FKH - High Pressure - Flange - Ball Valves**		
FKH - 3000 PSI	FKH - 3000 PSI	13.24	
FKH - 6000 PSI	FKH - 6000 PSI	13.24	
KH - Niederdruck - Kugelhähne - Volle Bohrung	**KH - Low Pressure - Ball Valves - Full-Port**		
KH - Volle Bohrung	**KH - Full-Port**	**13.25**	
KH-3W - Niederdruck - Kugelhähne L- & T-Bohrung	**KH-3W - Low Pressure Ball Valves L- and T-bore**		
KH-W3 - L - Bohrung	KH-W3 - L - Port	13.26	
KH-W3 - T - Bohrung	KH-W3 - T - Port	13.27	
HV - Hochdruck - Absperrventile	**HV - High Pressure Valves**		
HV-a - Innenliegende Spindel	HV-a - Internal Threaded Spindle	13.28	
HV-a - Innenliegende Spindel	HV-a - Internal Threaded Spindle	13.29	
HV-b - Außenliegende Spindel	HV-b - External Threaded Spindle	13.30	
NV - Nadelventile	**NV - Needle Valves**		
NV - Rohrgewinde DIN ISO 228	**NV - BSP Parallel DIN ISO 228**	**13.31**	
NV - NPT Innengewinde	**NV - NPT Female Thread**		
NDV - Nadel - Durchfluss - Drossel - Ventile	**NDV - Needle - Flow - Control - Valves**		
NDV - Rohrgewinde DIN ISO 228	NDV - BSP Parallel DIN ISO 228	13.33	
NDRV - Nadel - Rückschlag - Durchfluss - Drossel - Ventile	**NDRV - Needle - Flow - Control - Check - Valves**		
NDVR - Rohrgewinde DIN ISO 228	NDVR - BSP Parallel DIN ISO 228	13.34	

1. Allgemeine Hinweise

Kugelhähne werden zum Durchfluss bzw. zur Absperrung des Durchflusses von Medien unter Druck eingesetzt.

Die Kugelhahn- und Dichtungswerkstoffe werden durch den Hersteller des Kugelhahnes entsprechend den Kundenangaben wie Medium, Druck und Temperatur sowie weiteren Kundenspezifikationen (Lastenheft) ausgewählt.

Die Benutzung anderer als in der Bestellung angegebener Medien führen zu einer Verkürzung der Lebensdauer bzw. zum Ausfall des Kugelhahnes. Die Druck- und Temperaturgrenzwerte müssen eingehalten werden (siehe auch Kugelhahnkennzeichnung).

Bei der Planung und Auslegung von Kugelhähnen muss der Kunde deshalb, möglich auftretende Arbeitsdrücke (Druckschläge/Impulsdrücke) mit einbeziehen. Druckangaben im Katalog beziehen sich auf statische Belastungen (Lastfall I). Für schwellende oder wechselnde Belastungen (Lastfall II und III) sind entsprechende Druckabschläge mit einzubeziehen.

Kugelhähne sind ausschließlich für den Einbau in Rohrleitungssysteme mit Anschlüssen gleicher Druckstufe und entsprechendem Anschluss oder zwischen Flanschen gleicher Druckstufe und gleichem Flanschanschluss bestimmt.

Kugelhähne öffnen und schließen bei Drehung der Schaltwelle um jeweils 90°. Die Schließrichtung erfolgt nach EN ISO 5211 Punkt 8 im Uhrzeigersinn. Eine Kerbe an der Stirnfläche der Schaltwelle zeigt die Schaltstellung des Kugelhahnes an.

Die Kugelhähne können wahlweise mittels Handgriff oder Antrieb betätigt werden. Dieses ist bei der Bestellung von Kugelhähnen anzugeben.

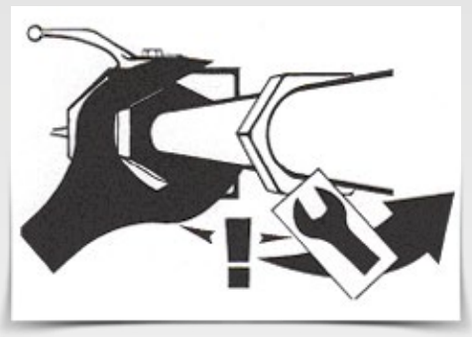
Für Anbauteile, wie z.B. Antriebe und Positionsschalter, ist die Betriebsanleitung der jeweiligen Hersteller gültig.

Bei dem Einsatz in explosionsgefährdeten Bereichen zählen Kugelhähne zu nicht-elektrischen Geräten und da nach 94/9/EG keine potentielle Zündquelle vorhanden ist, unterliegen sie damit nicht der ATEX.

2. Einbauhinweise

Vor dem Einbau ist zu überprüfen, ob die Kugelhahnausführung der geforderten Ausführung entspricht und für den vorgesehenen Einsatz geeignet ist.

Der Einbau von Kugelhähnen darf nur von qualifiziertem Personal und im drucklosen Zustand des Kugelhahnes und des Rohrleitungssystems durchgeführt werden. Die Rohrleitungen sind spannungsfrei an die einzubauende Armatur heranzuführen!



Vor dem Einbau sind die Kugelhähne auf Transportschäden zu prüfen. Beschädigte Kugelhähne dürfen nicht eingebaut werden.

Vor dem Einbau der Kugelhähne sind alle Rohrleitungen durchzuspülen. Rückstände in Rohrleitungen beschädigen die Dichtelemente der Kugelhähne und führen dadurch zu Undichtheiten und Funktionsstörungen.

Beim Anziehen der Verschraubungen (Kundenanschlüsse) muss unbedingt mit einem geeigneten Werkzeug gegengehalten werden.

Die Kugelhahnanschlüsse dürfen nicht weiter in das Gehäuse eingedreht bzw. dürfen nicht herausgedreht werden, da sich sonst das Umschaltdrehmoment erhöht bzw. Undichtheiten entstehen können.

Nach dem Einbau des Kugelhahnes ist als Funktionsprobe eine Schaltung durchzuführen.

Es dürfen keine Teile des Kugelhahnes, z.B. Deckel, Anschlussstutzen, gelöst oder heruntergeschraubt werden.

Bei gesundheitsschädlichen, brennbaren und explosiven Medien ist auf vollständige Entleerung des Rohrleitungssystems und des Kugelhahnes zu achten! Vor evtl. nachfließenden Rückständen wird gewarnt! Entsprechende Schutzkleidung ist zu tragen!

Kugelhähne mit Flanschanschluss müssen durch die Schrauben der Gegenflansche zentriert sein, bevor alle Schrauben der Flanschverbindung kreuzweise angezogen werden. Die Armatur ist gegebenenfalls mittels Hebezug zwischen die Rohrleitung zu setzen. Zwischen den Flanschen ist eine lt. Norm vorgeschriebene, unbeschädigte Dichtung zu verwenden. Die Stehbolzen oder Verbindungsschrauben müssen den Flanschen entsprechend ausgewählt werden, unter Berücksichtigung von Größe und Festigkeitsklasse. Bei Sackgewinden ist darauf zu achten, dass die maximale Einschraubtiefe nicht überschritten wird.

Bei Kugelhähnen mit Anschweißenden ist unbedingt darauf zu achten, dass beim Einbau (Schweißen) keine Schweißpartikel in den Hahninnenraum gelangen. Schweißrückstände sind unbedingt zu entfernen. Ebenso ist darauf zu achten, dass der Kugelhahninnenraum nicht über die zulässigen Temperaturgrenzen erwärmt wird. Überschreitung dieser Temperatur kann zu Beschädigungen an Dichtelementen führen. Die Schaltstellung des Kugelhahnes nach Rohrleitungsplan ist zu beachten.

Druckstufe, Anschluss und Baulänge des Rohrleitungssystems müssen mit dem Kugelhahn übereinstimmen.

Für Anbauteile, wie z.B. Antriebe, ist die Betriebsanleitung der jeweiligen Hersteller unbedingt zu beachten.

3. Inbetriebnahme

Vor der ersten Inbetriebnahme sind alle Betriebshinweise zu lesen und zu beachten und nochmals alle Betriebsbedingungen und Montagearbeiten zu überprüfen.

Die Inbetriebnahme einer Anlage darf nur von qualifiziertem Personal durchgeführt werden.

Bei längerer Lagerung des Kugelhahnes oder längerer Stillstandszeit in einer Schaltstellung liegt das Drehmoment beim ersten Schaltvorgang deutlich über dem tatsächlichen Drehmoment (Losreißmoment).

Das Rohrleitungssystem muss vor der Inbetriebnahme entlüftet werden. Luftblasen im Rohrleitungssystem können bei schlagartigem Druckaufbau zu Explosionen führen. Den Betriebsdruck deshalb in Stufen aufbauen.

Sind Kugelhähne als Endarmaturen im Rohrleitungssystem eingebaut, müssen, da bei Anwendungsfehler Lebensgefahr durch ausreißende Teile besteht, ungenutzte Kugelhahnanschlüsse entsprechend fachmännisch verschlossen werden.

4. Wartung / Inspektion

Bei Entleerung des Rohrleitungssystems, z.B. bei Frostgefahr oder Reinigungsarbeiten, müssen Kugelhähne über eine 45°-Schaltstellung ebenfalls entleert werden (Gehäusehohlraum).

Kugelhähne dürfen nicht demontiert werden. Notdürftige Abdichtungen jeglicher Art sind verboten.

Kugelhähne müssen in regelmäßigen Abständen auf Dichtheit, Funktion und Beschädigungen überprüft werden. Bei extremer Beanspruchung ist die Überprüfung in kürzeren Zeitabständen durchzuführen.

Zur Erhaltung der Funktionstüchtigkeit ist es bei längerer Stillstandszeit erforderlich, den Kugelhahn mindestens halbjährlich zu schalten.

Werden bei Wartungsarbeiten bzw. Inspektionen fehlerhafte Kugelhähne, z.B. undichte, nicht mehr korrekt umschaltbare, korrodierte Kugelhähne festgestellt, müssen diese unverzüglich ausgetauscht werden.

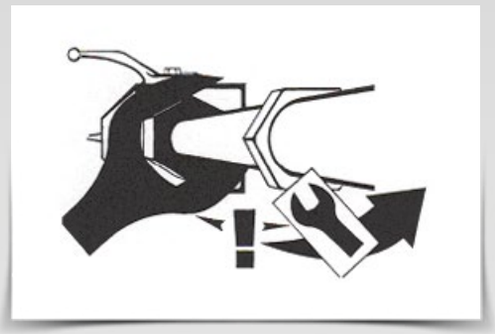
5. Ausbauhinweise

Der Ausbau von Kugelhähnen darf nur von qualifiziertem Personal und im drucklosen Zustand des Kugelhahnes und des Rohrleitungssystems durchgeführt werden.

Vor dem Ausbau den Druck im Rohrleitungssystem abbauen. Den Kugelhahn durch Schalten in halboffener Stellung mit einbeziehen, damit der Druck im Gehäusehohlraum ebenfalls abgebaut wird.

Bei gesundheitsschädlichen, brennbaren und explosiven Medien ist auf vollständige Entleerung des Rohrleitungssystems und des Kugelhahnes zu achten!

Vor evtl. nachfließenden Rückständen wird gewarnt!
Entsprechende Schutzkleidung ist zu tragen!

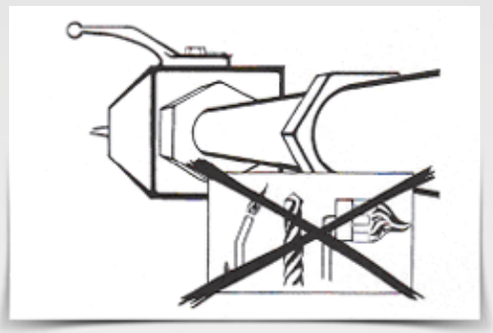


Gegenhalten bei Montage

6. Warnhinweise

Diese Betriebsanleitung ist zur Kenntnis zu nehmen. Bei Nichtbeachtung der Betriebsanleitung übernimmt der Hersteller der Kugelhähne keine Haftung!

Kugelhähne sind nur für den vom Hersteller angegebenen Verwendungszweck zu benutzen!
Bei Schäden durch fehlerhaften Einbau und Anwendung von Kugelhähnen, sowie falscher Benutzung durch unqualifiziertes Personal übernimmt der Hersteller der Kugelhähne ebenfalls keine Haftung.



Nicht Schweißen, Bohren etc.

ALLGEMEINE GEBRAUCHS- UND BETRIEBSANLEITUNG - KUGELHÄHNE

GENERAL INSTRUCTIONS & OPERATING MANUAL - BALL VALVES

Kugelhähne sind grundsätzlich bis zum Anschlag durchzuschalten.
Sie dürfen nur in den Schaltstellungen vollständig geschlossen oder vollständig geöffnet benutzt werden!

Zur Drosselung und Regulierung von Durchflussmengen sind Kugelhähne nicht zugelassen! Indifferente Schaltstellungen führen zu Beschädigung der Dichtungen im Kugelbereich. Die Kugelhähne werden dadurch undicht bzw. sind nicht mehr schaltbar. Außerdem ergibt sich eine zu berücksichtigende Temperaturerhöhung an der Oberfläche des Kugelhahns.

Werkzeuge (z.B. Zangen, Hammer, Gabelschlüssel, Verlängerungen usw.) dürfen zum Umschalten der Kugelhähne nicht verwendet werden. Die Verwendung solcher Werkzeuge kann zu Beschädigungen an Schaltelementen und Gehäusen führen.

Kugelhähne dürfen nicht mit Gewalt geschaltet werden.

Besondere Einsatz- oder Umgebungsbedingungen (Feuchtigkeit, Vibrationen, Schalthäufigkeit, elektromagnetisches Feld, explosionsgefährdeter Bereich und Antistatik, etc.) müssen bei der Bestellung von Kugelhähnen klar definiert werden.

Kugelhähne sind nur für angegebene Medien zu benutzen!
Zähflüssige oder aushärtbare Medien dürfen nicht verwendet werden.

Verschmutzungen sind unbedingt zu vermeiden. Verschmutzte Medien führen zu Beschädigungen der Dichtelemente. Dadurch entstehen Undichtheiten die zum Ausfall des Kugelhahnes führen.

Die Temperaturgrenzen von -20°C bis +60°C sind im Standard nicht zu über- und unterschreiten, sonst frühzeitiges Ausfallen des Kugelhahns möglich. Kugelhähne sind im Anlieferungszustand trocken und schmutzfrei werden. Schutzkappen erst beim Einbau entfernen. Unverpackte Kugelhähne sind vor direkter UV- und/oder Sonneneinstrahlung zu schützen.

Im explosionsgefährdeten Bereich zur Vermeidung von Eigenerwärmung sind die Schaltungen der Kugelhähne auf max. 10 x je Minute zu begrenzen. Überschreitung des angegebenen Betriebsdruckes bzw. Über- und Unterschreitung der Betriebstemperatur führt zur Undichtheit und Zerstörung des Kugelhahnes!

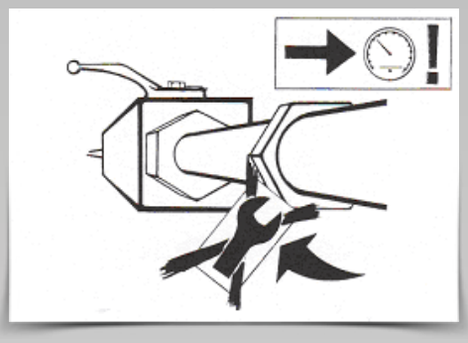
Achtung: Gefährdung von Menschenleben!

Speziellen Warnhinweisen, z.B. dem Tragen von Handschuhen beim Schalten, ist Folge zu leisten (Kugelhahn nimmt die Mediumstemperatur an).

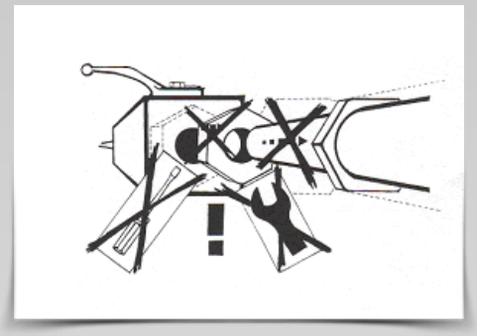
Jede bauliche Veränderung des Kugelhahnes, insbesondere das Anbringen von Bohrungen und das Anschweißen von Gegenständen (Platten, Halterungen usw.) ist strengstens untersagt.

Bei Funktionsstörungen ist der Kugelhahn durch qualifiziertes Personal im drucklosen und entleerten Zustand des Rohrleitungssystems auszutauschen. Gegebenenfalls ist die Anlage abzuschalten und außer Betrieb zu nehmen.

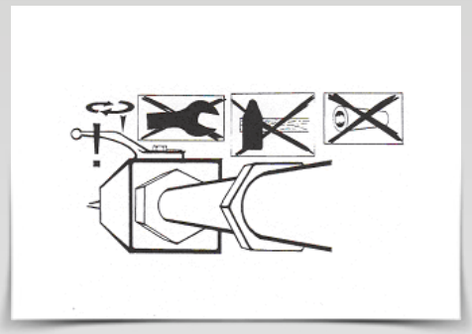
Eine Reparatur ist nur durch den Hersteller zulässig!



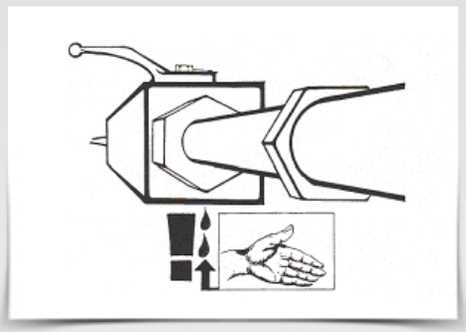
Nicht unter Druck demontieren



Nicht mit Werkzeugen schalten



Nicht demontieren



Verletzungsgefahr durch Rückstände

Bei unzulässiger Demontage des Kugelhahnes durch unqualifiziertes Personal erlischt jeder Garantie- und Schadenanspruch an den Hersteller!

Nationale Vorschriften zur Unfallverhütung sowie ortsgebundene Sicherheitsvorschriften des Betreibers werden durch diese Betriebsanleitung nicht ersetzt und sind in jedem Falle als vorrangig zu betrachten.

Vor sämtlichen Instandsetzungsarbeiten ist sicherzustellen bzw. zu beachten

- An automatisierten Armaturen grundsätzlich vor Reparatur- und Wartungsarbeiten die Energieversorgung zu den Antrieben unter-brechen (Quetschgefahr!).
- Inbetriebnahme der Anlage durch Dritte ausschließen.
- Entleerung der Rohrleitung sowie Druckpolster abbauen.
- Sich über mögliche Gefahren, welche durch Rückstände des Betriebsmediums entstehen können, zu informieren, gegebenenfalls Sicherheitshandschuhe, Schutzbrille etc. tragen.
- Gegebenenfalls Armaturen abkühlen lassen.
- Grenzwerte hinsichtlich Druck, Temperatur, und Medium nicht überschreiten.

Warnung!

Falsche oder unsachgemäße Auswahl bzw. unsachgemäße Anwendung von Produkten und/oder Geräten aus diesem Katalog kann zu Tod, Verletzung und/oder Sachschaden führen.

Dieser Katalog und andere Unterlagen von PH Industrie-Hydraulik stellen Produktinformationen dar, die dem technisch versierten Anwender als Unterlage zur Produktauswahl dienen sollen. Es ist unbedingt darauf zu achten, dass sämtliche anwendungsspezifischen Kriterien zur Entscheidungsfindung bei der Produktauswahl aus diesem Katalog berücksichtigt werden. Aufgrund der Vielfalt der Einsatzmöglichkeiten und Anwendungsbereiche der in diesem Katalog aufgeführten Produkte, ist der Anwender für die endgültige Auswahl des Produktes verantwortlich, indem er sicherstellt, dass alle Funktionen, Sicherheitsvorschriften und Vorsichtsmaßnahmen erfüllt werden.

PH Industrie-Hydraulik behält sich vor, alle in diesem Katalog gemachten Angaben bzgl. Produktmerkmalen, Varianten, Ausführungen, Verfügbarkeit und Preis jederzeit und ohne Vorankündigung zu ändern.

ALLGEMEINE GEBRAUCHS- UND BETRIEBSANLEITUNG - KUGELHÄHNE

GENERAL INSTRUCTIONS & OPERATING MANUAL - BALL VALVES

1. General Reference

Ball valves are used to shut-off pressurised media in pipes or hoses.

According to the user‘s indication of medium, pressure, temperature and other details, the manufacturer selects the material of the housing, the seats and the seals of the ball valve (requirement specification).

The use of media other than stated in the order leads to a reduced service life of the ball valve or to its failure.
The limit values of pressure and temperature must be observed.
(See also marking on the ball valve.)

When planning or determining ball valves, emerging working pressures (pressure peaks/impulse pressures) must be taken into consideration by the user.

Ball valves are intended for assembly in pipe systems with identical pressure ratings in between the fittings or in between the flanges.

Ball valves open and close by 1/4 turn operations. According to EN ISO 5211.8, the handle must be turned clockwise in order to close the ball valve. The notch on the face of the spindle square indicates the current position of the ball.

Ball valves can be operated either by handle or by actuator. The operation method has to be mentioned when ordering the ball valve.

Attachments, such as actuators and limit switches, always refer to the operating manual of the respective manufacturer.

When ball valves come into operation in explosive zones, they are considered as non-electrical equipment, because there ignition source acc. to EC directive 94/9EG and therefore ball valves are not subject to ATEX.

2. Fitting Guidelines

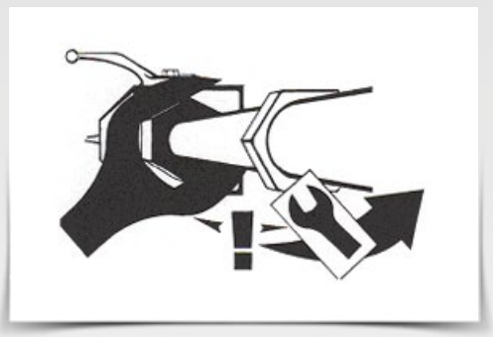
Before installing the ball valve, an appropriate check whether the ball valve meets all necessary requirements regarding version and application is advisable.

The installation of ball valves may be done only by qualified personnel and only when pipe and ball valve are depressurized. Pipe must be free of traction when being connected to the ball valve.

Ball valves must be reviewed for damage in transit before installing. Damaged ball valves must not be installed.

All pipes and hoses must be rinsed thoroughly before the installation of the valves. Residues in the pipe system damage the sealing elements of the ball valve and lead to leaks and dysfunctions.

When tightening the fittings (pipe end), it is absolutely necessary that the end-adaptor of the ball valve is counter-secured with an adequate tool.



The ends of the ball valve must not be turned in any further or unscrewed, because this leads to an increase of the breakaway torque or to leakage.

After the installation of the ball valve, a functional test must be carried out.

No components of the ball valve, such as adaptors or top flanges may be taken off or unscrewed.

The ball valve and the entire pipe system has to be drained completely, when dealing with noxious, combustible and explosive media!
Possibly dropping residues must be taken into account! Appropriate protective clothing is necessary!

Ball valves with flange connection must be centred with the bolts of the counter flanges, before the screws are tightened crosswise. Where necessary, the valve has to be lifted into the pipe-system with a hoist. An undamaged seal that meets the respective norm has to be fitted in between the flanges. Screws or dowel pins must be selected according to the flanges considering the size and the strength category. The length of engagement has to be respected, especially for tapped holes.

Ball valves with welding ends must be welded in without any welding particles left in the internal space of the ball valve. Residues from welding must be eliminated unconditionally. It must be pointed out that the cavity of the ball valve does not exceed the tolerable temperature limits. Crossing the limits can cause damage of the seats and seals.

The operating position of the ball valve must be in accordance to the layout of the pipe-system.

Pressure rating, connection and overall length of the pipe-system must correspond with the ball valve.

For optional attachments, such as actuators, always refer to the operating manual of the respective manufacturer.

3. Initial Operation

Before the initial operation, all instructions must be read and taken into consideration and all conditions of operating and installing have to be approved.

The initial operation of an installation should be effected by qualified personnel, only.

After a long-time of storage or after an extended shut-down in one operating position, the operating torque for the first operation is noticeably higher compared to the real breakaway torque.

The piping system must be bled, before the initial operation. Air bubbles in the piping system might lead to explosions when pressurised abruptly.
Therefore, a successive establishing of the pressure is advisable.

When ball valves are installed as pipe-line-ends, the open adaptor must be closed properly, because, due to handling errors, torn-out components can lead to a possible catastrophic failure or even death.

4. Maintenance and Surveying

When draining the de-pressurized pipe system, in order to prevent it from frost damage or for a cleaning process, the cavity of the ball valve has to be drained by opening the valve to the mid-position (45°).

Ball valves must not be detached. All types of provisionary sealants are prohibited.

Ball valves must be inspected at regular intervals for tightness, function and damage. In case of a heavy duty application, the inspection interval has to be abbreviated.

Ball valves, that are installed for long-term periods without being operated, must be turned every six months, at least, in order to preserve their function.

When surveying of ball valves results in defective ball valves, e.g. leakage, immovable or corroded, they must be replaced without delay.

5. Removal Instructions

The removal of ball valves should be done by qualified personnel and only, when the ball valve and the pipe system are de-pressurized.

Before removal, the pressure in the pipe system must be relieved. The ball valve must be in mid-position (45°), in order to relieve the pressure in the cavity as well.

The ball valve and the entire pipe system has to be drained completely, when dealing with noxious, combustible and explosive media!

Possibly dropping residues must be taken into account!
Appropriate protective clothing is necessary!

6. Warning

This operating manual has to be adhered to. The manufacturer of the ball valves assumes no liability when this operating manual is not observed!

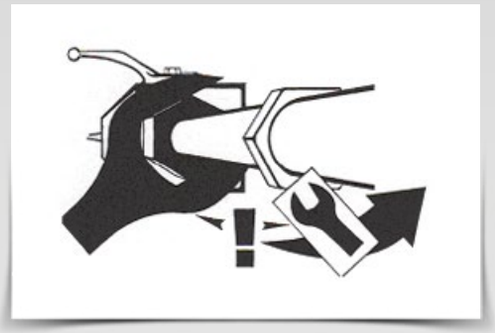
Ball valves are to be used only for the application declared by the manufacturer!

For damage caused by incorrect installation or implementation as well as incorrect handling by unqualified personnel, the manufacturer of the ball valve assumes no liability.

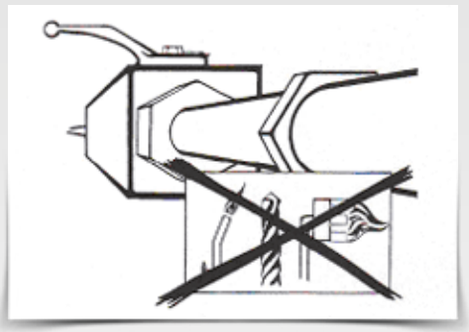
The operating distance of ball valves is strictly from stop-pin to stop-pin. They must be operated in either fully open or completely closed position, only.

Ball valves are not approved for controlling or throttling of flow. Intermediate positions cause damage of the ball seats. This leads to leaking ball valves or to non-turnable spindles. Furthermore, flow reduction leads to a considerable rise of temperature on the surface of the ball valve.

Tools (e.g. gripper, hammer, wrench, extensions, etc.) are inapplicable for ball valve operations. The use of such tools might cause damage to the spindle and on the body. Special applications or ambient conditions (humidity, vibrations, operation frequency, electromagnetic fields, explosive zones, antistatic, etc.) must be well-defined when ordering ball valves!



Secure adaptor during installation



No welding, drilling, etc.

Ball valves must be used for indicated media, only!
Semifluid or hardening media must not be used.

Contamination must be avoided. Contaminated media lead to damage of the sealing elements. Consequently, leakage will lead to the breakdown of the ball valve.

Temperature limits (-20°C up to +60°C) as a standard must not be exceeded or undercut, otherwise the ball valve might fail at an early stage. Ball valves must be stored as supplied, dry and free of contamination. Only before installation, the protective caps shall be removed. Unpacked ball valves must be protected from ultraviolet and solar radiation.

When installed in explosive zones, the operation frequency should be limited to 10/min., in order to prevent the ball valves from self warming.

Exceeding of the nominal pressure and exceeding or undercutting of the working temperature respectively, leads to leakage and destruction of the ball valve.
Caution: Danger of life!

Certain warnings, e.g. wearing gloves when turning the handle, must be obeyed. (The ball valve adopts the temperature of the fluid.)

Any modification of the ball valve design, especially the drilling of mounting holes or the attachment of plates by welding, is strictly forbidden.

In case of malfunction, the ball valve must be replaced by qualified personnel after de-pressurizing and draining the pipe system. If necessary, the system must be put out of operation.

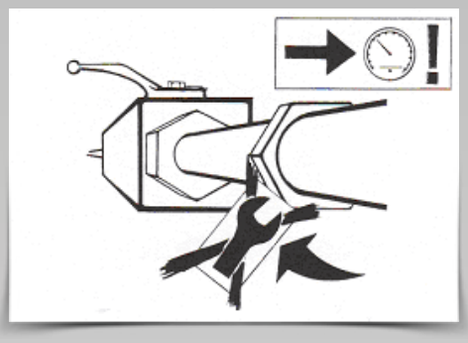
A repair is realisable by the manufacturer, only!

When ball valves are dismantled improperly by unqualified personnel, any claim of guarantee and damage against the manufacturer are null and void.

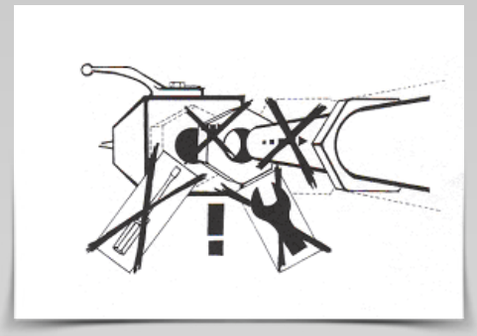
National regulations for accident prevention such as local safety regulations of the operating company are not replaced by this manual, they should rather be considered with priority.

Before any maintenance is performed, the following has to be adhered to:

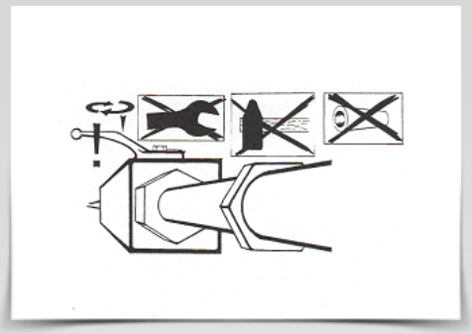
- The power supply of actuators must be disconnected (risk of squeezing).
- Start-up by third party must be excluded.
- Draining of the pipe system and relieve of pressure.
- Be aware of possible remainders of media and the risks they are bearing (where required, protective clothing (gloves, glasses) is necessary).
- Where applicable, cool down installation.
- Do not exceed limits regarding pressure, temperature and media.



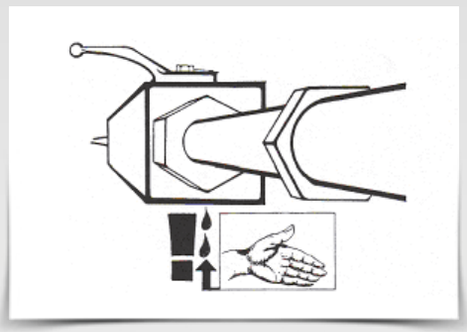
Don‘t remove under pressure



Don‘t operate a ball valve with a tool or an extension



Don‘t dismantle



Risk of injury by remainders

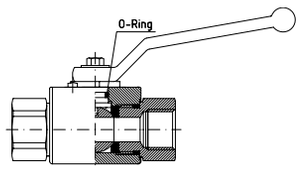
Warning!

Failure or improper selection or improper use of any of the products and/or systems found in this catalogue can cause death, personal injury and/or property damage.

This catalogue and other information from PH Industrie-Hydraulik provides product options for further investigation by users having technical expertise. It is important that you analyse all aspects of your application and review the information concerning the product in the current product catalogue. Due to the variety of operating conditions and applications for these products, the user, through its own analysis and testing, is solely responsible for making the final selection of the products and assuring that all performance, safety and warning requirements of the application are met.

The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by PH Industrie-Hydraulik at any time without notice.

RKH - EDELSTAHL - KUGELHÄHNE
RKH - STAINLESS STEEL - BALL - VALVES



Edelstahl-Kugelhähne - RKH
DN 4 bis DN 50

Gehäuse, Stutzen, Kugel und Schaltwelle nichtrostender Stahl, 1.4571 (AISI 316Ti)

Unsere Kugelhähne werden einzeln einer Prüfung auf Festigkeit, Dichtheit und besonderen geltenden Richtlinien unterzogen.
Abnahmeprüfzeugnis 3.1 nach EN 10204 kann auf Anfrage, gegen Berechnung, mitgeliefert werden.

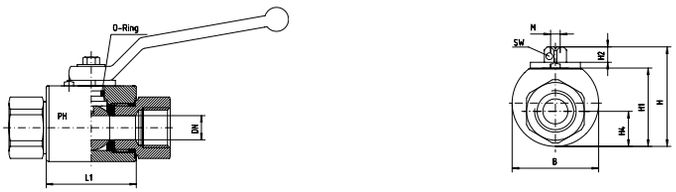
Andere Werkstoffe wie 254Smo oder Hastelloy, etc. auf Anfrage.

Stainless Steel - Ball Valves - RKH
DN 4 to DN 50

Body, Connecting Parts, Ball and Stem Stainless Steel, 1.4571 (AISI 316Ti)

Each PH ball valve is subject to an inspection for resistance, sealing and special characteristics.
Inspection control certificates 3.1 according to EN 10204 can be supplied on request against invoice.

Other materials as 254Smo or Hastelloy, etc. on request.



DN mm	PB bar	L1 mm	B mm	H mm	H1 mm	H2 mm	H4 mm	M mm	SW mm
5	500	36,0	35,0	43,5	32	8,0	13,0	M 5	9
6	500	36,0	35,0	43,5	32	8,0	13,0	M 5	9
8	500	36,0	35,0	43,5	32	8,0	13,0	M 5	9
10	500	43,0	42,0	49,5	38	8,0	16,5	M 5	9
13	500	48,0	45,0	51,5	40	8,0	17,5	M 5	9
16	400	48,0	50,0	62,0	46	12,0	19,0	M 6	12
20	400	62,0	60,0	73,0	57	12,0	24,5	M 6	14
24	400	66,0	65,0	79,0	63	12,0	28,0	M 6	14
32	350	81,0	90,0	104,0	84	13,5	38,0	M 8	17
38	350	86,0	100,0	112,0	93	13,5	42,5	M 8	17
48	350	101,0	120,0	131,0	111	13,5	50,0	M 8	17

Der angegebene Betriebsdruck PB ist nur gültig für die Standardausführung 4423.
The indicated working pressure PB is only valid for the standard version 4423.

Gehäusemaße gültig für alle Kombinationen.
Body dimensions are for all the combinations.

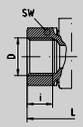
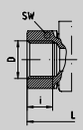
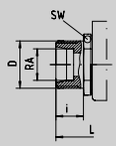
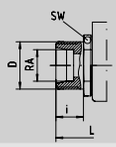
*Max. zulässige Druckstufen (PB) entnehmen Sie bitte den Angaben der Schneidringverschraubungen.

*Max. allowed pressure (PB) see at the data from the compression couplings.

Gehäuseteile	Body			**1.4571 (AISI 316Ti)**		**1.4571 (AISI 316Ti)**		**1.4571 (AISI 316Ti)**
Kugel	Ball			**1.4571 (AISI 316Ti)**		**1.4571 (AISI 316Ti)**		**1.4571 (AISI 316Ti)**
Schaltwelle	Stem			**1.4571 (AISI 316Ti)**		**1.4571 (AISI 316Ti)**		**1.4571 (AISI 316Ti)**
Kugeldichtung	Ball Sealing			**PTFE (bis/to 100 bar)**		**PTFE (bis/to 100 bar)**		**POM**
Schaltwellendichtung	Stem Sealing			**FPM**		**EPDM**		**NBR**
				Korrosive Medien Corrosive Media		**Wasser und Dampf** Water and Steam		**Hydraulik - Standardausführung** Hydraulics - Standard Version
				-20°C bis/to 100°C		**-20°C bis/to 140°C**		**-20°C bis/to 100°C**
Anschlussart Connection	**DN**	**D**	**RA**	**Bestellzeichen** Order-Code		**Bestellzeichen** Order-Code		**Bestellzeichen** Order-Code
01 • **Rohrgewinde** • **DIN ISO 228** • BSP Female Thread • DIN ISO 228	5	G 1/8"		RKH-G 1/8"-4445		RKH-G 1/8"-4446		RKH-G 1/8"-4423
	6	G 1/4"		RKH-G 1/4"-4445		RKH-G 1/4"-4446		RKH-G 1/4"-4423
	10	G 3/8"		RKH-G 3/8"-4445		RKH-G 3/8"-4446		RKH-G 3/8"-4423
	13	G 1/2"		RKH-G 1/2"-4445		RKH-G 1/2"-4446		RKH-G 1/2"-4423
	16	G 5/8"		RKH-G 5/8"-4445		RKH-G 5/8"-4446		RKH-G 5/8"-4423
	20	G 3/4"		RKH-G 3/4"-4445		RKH-G 3/4"-4446		RKH-G 3/4"-4423
	24	G 1"		RKH-G 1"-4445		RKH-G 1"-4446		RKH-G 1"-4423
	32	G 1 1/4"		RKH-G 1 1/4"-4445		RKH-G 1 1/4"-4446		RKH-G 1 1/4"-4423
	38	G 1 1/2"		RKH-G 1 1/2"-4445		RKH-G 1 1/2"-4446		RKH-G 1 1/2"-4423
	48	G 2"		RKH-G 2"-4445		RKH-G 2"-4446		RKH-G 2"-4423
02 • **NPT-Innengewinde** • **ANSI B 2.1** • NPT Female Thread • ANSI B 2.1	5	1/8"-27 NPT		RKH-1/8"-NPT-4445		RKH-1/8"-NPT-4446		RKH-1/8"-NPT-4423
	6	1/4"-18 NPT		RKH-1/4"-NPT-4445		RKH-1/4"-NPT-4446		RKH-1/4"-NPT-4423
	10	3/8"-18 NPT		RKH-3/8"-NPT-4445		RKH-3/8"-NPT-4446		RKH-3/8"-NPT-4423
	13	1/2"-14 NPT		RKH-1/2"-NPT-4445		RKH-1/2"-NPT-4446		RKH-1/2"-NPT-4423
	20	3/4"-14 NPT		RKH-3/4"-NPT-4445		RKH-3/4"-NPT-4446		RKH-3/4"-NPT-4423
	24	1"-11,5 NPT		RKH-1"-NPT-4445		RKH-1"-NPT-4446		RKH-1"-NPT-4423
	32	1 1/4"-11,5 NPT		RKH-1 1/4"-NPT-4445		RKH-1 1/4"-NPT-4446		RKH-1 1/4"-NPT-4423
	38	1 1/2"-11,5 NPT		RKH-1 1/2"-NPT-4445		RKH-1 1/2"-NPT-4446		RKH-1 1/2"-NPT-4423
	48	2"-11,5 NPT		RKH-2"-NPT-4445		RKH-2"-NPT-4446		RKH-2"-NPT-4423
03 • **Rohrverschraubung** • **Leichte Reihe DIN 2353** • For Compression Fitting • Light Series DIN 2353	5	M 12 x 1,5	6	RKH-06-L-4445		RKH-06-L-4446		RKH-06-L-4423
	6	M 14 x 1,5	8	RKH-08-L-4445		RKH-08-L-4446		RKH-08-L-4423
	8	M 16 x 1,5	10	RKH-10-L-4445		RKH-10-L-4446		RKH-10-L-4423
	10	M 18 x 1,5	12	RKH-12-L-4445		RKH-12-L-4446		RKH-12-L-4423
	13	M 22 x 1,5	15	RKH-15-L-4445		RKH-15-L-4446		RKH-15-L-4423
	13	M 26 x 1,5	18	RKH-18-L-4445		RKH-18-L-4446		RKH-18-L-4423
	20	M 30 x 2	22	RKH-22-L-4445		RKH-22-L-4446		RKH-22-L-4423
	24	M 36 x 2	28	RKH-28-L-4445		RKH-28-L-4446		RKH-28-L-4423
	32	M 45 x 2	35	RKH-35-L-4445		RKH-35-L-4446		RKH-35-L-4423
	38	M 52 x 2	42	RKH-42-L-4445		RKH-42-L-4446		RKH-42-L-4423
04 • **Rohrverschraubung** • **Schwere Reihe DIN 2353** • For Compression Fitting • Heavy Series DIN 2353	5	M 14 x 1,5	6	RKH-06-S-4445		RKH-06-S-4446		RKH-06-S-4423
	5	M 16 x 1,5	8	RKH-08-S-4445		RKH-08-S-4446		RKH-08-S-4423
	6	M 18 x 1,5	10	RKH-10-S-4445		RKH-10-S-4446		RKH-10-S-4423
	8	M 20 x 1,5	12	RKH-12-S-4445		RKH-12-S-4446		RKH-12-S-4423
	10	M 22 x 1,5	14	RKH-14-S-4445		RKH-14-S-4446		RKH-14-S-4423
	13	M 24 x 1,5	16	RKH-16-S-4445		RKH-16-S-4446		RKH-16-S-4423
	13	M 30 x 2	20	RKH-20-S-4445		RKH-20-S-4446		RKH-20-S-4423
	20	M 36 x 2	25	RKH-25-S-4445		RKH-25-S-4446		RKH-25-S-4423
	24	M 42 x 2	30	RKH-30-S-4445		RKH-30-S-4446		RKH-30-S-4423
	32	M 52 x 2	38	RKH-38-S-4445		RKH-38-S-4446		RKH-38-S-4423

*Max. zulässige Druckstufen (PB) entnehmen Sie bitte den Angaben der Schneidringverschraubungen.

*Max. allowed pressure (PB) see at the data from the compression couplings.

Anschlussart Connection	DN	D	RA	L	i	SW	Gewicht Weight kg
01 **• Rohrgewinde** **• DIN ISO 228** • BSP Female Thread • DIN ISO 228 	5	G 1/8"		69,0	9,0	22	0,35
	6	G 1/4"		69,0	12,0	22	0,35
	10	G 3/8"		73,0	12,0	27	0,5
	13	G 1/2"		85,0	14,0	30	0,65
	16	G 5/8"		84,0	14,0	32	0,75
	20	G 3/4"		96,0	17,0	41	1,5
	24	G 1"		113	19,0	46	1,8
	32	G 1 1/4"		110	20,0	60	3,8
	38	G 1 1/2"		120	22,0	70	6,1
	48	G 2"		140	28,0	85	9,1
02 **• NPT-Innengewinde** **• ANSI B 2.1** • NPT Female Thread • ANSI B 2.1 	5	1/8"-27 NPT		69,0	12,0	22	0,35
	6	1/4"-18 NPT		69,0	17,0	22	0,35
	10	3/8"-18 NPT		73,0	17,0	27	0,5
	13	1/2"-14 NPT		92,0	22,0	30	0,65
	20	3/4"-14 NPT		97,0	23,0	41	1,5
	24	1"-11,5 NPT		113	27,0	46	1,8
	32	1 1/4"-11,5 NPT		115	28,0	60	3,8
	38	1 1/2"-11,5 NPT		135	28,0	70	6,1
	48	2"-11,5 NPT		140	30,0	85	9,1
03 **• Rohrverschraubung** **• Leichte Reihe DIN 2353** • For Compression Fitting • Light Series DIN 2353 	5	M 12 x 1,5	6	67,0	10,0	22	0,3
	6	M 14 x 1,5	8	67,0	10,0	22	0,3
	8	M 16 x 1,5	10	71,0	11,0	22	0,3
	10	M 18 x 1,5	12	75,0	11,0	27	0,5
	13	M 22 x 1,5	15	84,0	12,0	30	0,6
	13	M 26 x 1,5	18	84,0	12,0	30	0,6
	20	M 30 x 2	22	102	14,0	41	1,5
	24	M 36 x 2	28	108	14,0	46	1,8
	32	M 45 x 2	35	128	16,0	60	3,6
	38	M 52 x 2	42	133	16,0	70	5,9
04 **• Rohrverschraubung** **• Schwere Reihe DIN 2353** • For Compression Fitting • Heavy Series DIN 2353 	5	M 14 x 1,5	6	73,0	12,0	22	0,3
	5	M 16 x 1,5	8	73,0	12,0	22	0,35
	6	M 18 x 1,5	10	73,0	12,0	22	0,35
	8	M 20 x 1,5	12	76,0	12,0	22	0,35
	10	M 22 x 1,5	14	84,0	14,0	27	0,5
	13	M 24 x 1,5	16	87,0	14,0	30	0,6
	13	M 30 x 2	20	91,0	16,0	30	0,65
	20	M 36 x 2	25	110	18,0	41	1,5
	24	M 42 x 2	30	120	20,0	46	1,9
	32	M 52 x 2	38	140	22,0	60	3,7

BKH - EDELSTAHL - KUGELHÄHNE
BKH - STAINLESS STEEL - BALL - VALVES

Gehäuse, Stutzen, Kugel und Schaltwelle nichtrostender Stahl, 1.4571 (AISI 316Ti)
Unsere Kugelhähne werden einzeln einer Prüfung auf Festigkeit, Dichtheit und besonderen geltenden Richtlinien unterzogen.
Abnahmeprüfzeugnis 3.1 nach EN 10204 kann auf Anfrage, gegen Berechnung, mitgeliefert werden.

Kugeldichtung: POM
Schaltwellendichtung: FPM

Temperatur:
-20°C bis 100°C

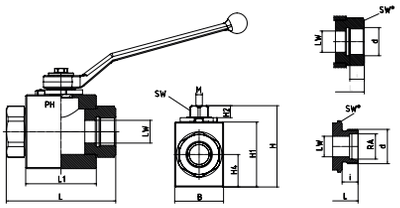
Maßänderungen vorbehalten.

Body, Connecting Parts, Ball and Stem Stainless Steel, 1.4571 (AISI 316Ti)
Each PH ball valve is subject to an inspection for resistance, sealing and special characteristics.
Inspection control certificates 3.1 per EN 10204 can be supplied on request against invoice.

Ball Sealing: POM
Stem Sealing: FPM

Temperature:
-20°C to 100°C

Measurements subject to alteration.



Reihe / Series G - Innengewinde / BSP Female Thread

	Druck Pressure			Ca. Maße mm Approx. Dimensions mm											Bestellzeichen Order-Code
d	**PB - bar**	**DN**	**LW**	**B**	**H**	**H1**	**H2**	**H4**	**i**	**L**	**L1**	**M**	**SW**	**SW***	
G 1/8“	500	4	5	26,0	47,0	33,0	11,0	13,5	10,0	69,0	40,0	M 5	9	22	BKH-G 1/8“-4423
G 1/4“	500	6	6	26,0	47,0	33,0	11,0	13,5	14,0	69,0	40,0	M 5	9	22	BKH-G 1/4“-4423
G 3/8“	500	10	10	32,0	52,0	38,0	11,0	17,5	14,0	72,0	43,0	M 5	9	27	BKH-G 3/8“-4423
G 1/2“	500	13	13	35,0	54,0	40,0	11,0	19,0	16,3	83,0	48,0	M 5	9	30	BKH-G 1/2“-4423
G 3/4“	400	20	19	65,0	83,0	65,0	14,0	31,0	18,0	111,0	65,0	M 6	14	41	BKH-G 3/4“-4423
G 1“	400	25	24	75,0	93,0	75,0	14,0	38,0	20,0	122,0	71,0	M 6	14	50	BKH-G 1“-4423

Reihe / Series L

	Druck Pressure			Ca. Maße mm Approx. Dimensions mm											Bestellzeichen Order-Code
d	**PB - bar**	**DN**	**LW**	**B**	**H**	**H1**	**H2**	**H4**	**i**	**L**	**L1**	**M**	**SW**	**SW***	
6L	500	4	5	26,0	47,0	33,0	11,0	13,5	7,0	67,0	40,0	M 5	9	22	BKH-06-L-4423
8L	500	6	6	26,0	47,0	33,0	11,0	13,5	7,0	67,0	40,0	M 5	9	22	BKH-08-L-4423
10L	500	8	8	26,0	47,0	33,0	11,0	13,5	7,0	74,0	40,0	M 5	9	22	BKH-10-L-4423
12L	500	10	10	32,0	52,0	38,0	11,0	17,5	7,0	74,0	43,0	M 5	9	27	BKH-12-L-4423
15L	500	13	13	35,0	54,0	40,0	11,0	19,0	7,0	82,0	48,0	M 5	9	30	BKH-15-L-4423
18L	500	13	13	35,0	54,0	40,0	11,0	19,0	7,0	82,0	48,0	M 5	9	30	BKH-18-L-4423
22L	400	20	19	65,0	83,0	65,0	14,0	31	7,65	105,0	65,0	M 6	14	41	BKH-22-L-4423
28L	400	25	24	75,0	93,0	75,0	14,0	38	7,65	112,0	71,0	M 6	14	50	BKH-28-L-4423

Reihe / Series S

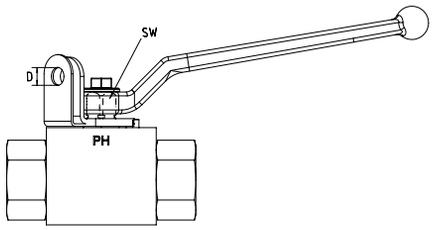
	Druck Pressure			Ca. Maße mm Approx. Dimensions mm											Bestellzeichen Order-Code
d	**PB - bar**	**DN**	**LW**	**B**	**H**	**H1**	**H2**	**H4**	**i**	**L**	**L1**	**M**	**SW**	**SW***	
8S	500	4	5	26,0	47,0	33,0	11,0	13,5	7,0	73,0	40,0	M 5	9	22	BKH-08-S-4423
10S	500	6	6	26,0	47,0	33,0	11,0	13,5	7,5	73,0	40,0	M 5	9	22	BKH-10-S-4423
12S	500	8	8	26,0	47,0	33,0	11,0	13,5	7,5	76,0	40,0	M 5	9	22	BKH-12-S-4423
14S	500	10	10	32,0	52,0	38,0	11,0	17,5	8,0	80,0	43,0	M 5	9	27	BKH-14-S-4423
16S	500	13	13	35,0	54,0	40,0	11,0	19,0	10,5	86,0	48,0	M 5	9	30	BKH-16-S-4423
20S	400	13	13	35,0	54,0	40,0	11,0	19,0	10,5	90,0	48,0	M 5	9	30	BKH-20-S-4423
25S	400	20	19	65,0	83,0	65,0	14,0	31,0	12,5	113,0	65,0	M 6	14	41	BKH-25-S-4423
30S	400	25	24	75,0	93,0	75,0	14,0	38,0	13,5	124,0	71,0	M 6	14	50	BKH-30-S-4423

BKH - EDELSTAHL - KUGELHÄHNE - SCHLIESSVORRICHTUNG

BKH - STAINLESS STEEL - BALL - VALVES - LOCKING DEVICE

Abschließvorrichtung für
Blockkugelhähne BKH
ohne Schloß

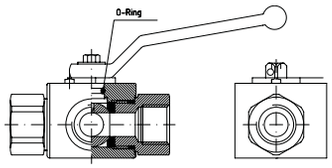
Locking device for
block ball valves BKH
without a lock



Ca. Maße Apporox. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
H	**SW**	**D**		
28,0	9	6,8		BKH-AV-09
34,5	14	6,8		BKH-AV-14
44,0	17	6,8		BKH-AV-17

BK3 - DREIWEGE - UMSCHALT-KUGELHÄHNE

BK3 - THREE - WAY - BALL VALVES



Dreiwege-Umschalt-Kugelhähne - BK 3
L- oder T-Bohrung
DN 4 bis DN 50

Gehäuse, Kugel und Schaltwelle, 1.4571 (AISI 316Ti)

Unsere Kugelhähne werden einzeln einer Prüfung auf Festigkeit, Dichtheit und besonderen geltenden Richtlinien unterzogen.
Abnahmeprüfzeugnis 3.1 nach EN 10204 kann auf Anfrage, gegen Berechnung, mitgeliefert werden.

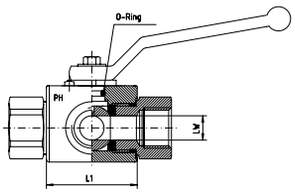
Three-Way Ball Valves - BK 3
L- or T-Bore
DN 4 to DN 50

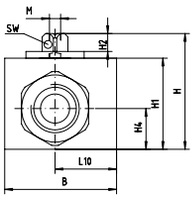
Body, Ball and Stem, 1.4571 (AISI 316Ti)

Each PH ball valve is subject to an inspection for resistance, sealing and special characteristics.
Inspection control certificates 3.1 according to EN 10204 can be supplied on request against invoice.

BK3 - DREIWEGE - UMSCHALT-KUGELHÄHNE

BK3 - THREE - WAY - BALL VALVES

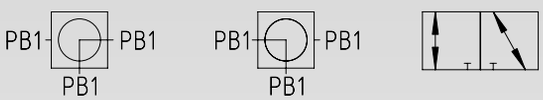




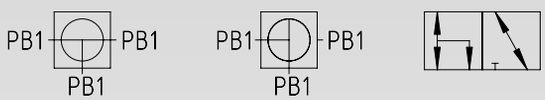
DN mm	PB1 bar	L1 mm	B mm	H mm	H1 mm	H2 mm	H4 mm	M mm	SW mm
4	400	35,0	40,0	46,5	35,0	8,0	16,0	M 5	9
6	400	35,0	40,0	46,5	35,0	8,0	16,0	M 5	9
8	400	35,0	40,0	46,5	35,0	8,0	16,0	M 5	9
10	400	42,0	45,0	51,5	40,0	8,0	18,0	M 5	9
13	400	47,0	50,0	56,0	40,0	8,0	17,0	M 5	9
20	320	61,0	65,0	73,5	57,0	12,0	24,5	M 6	14
25	350	63,0	80,0	81,5	65,0	12,0	30,0	M 6	14
32	350	78,0	100	99,0	80,0	13,5	38,0	M 8	17
40	250	85,0	105,0	109,0	90,0	13,5	42,0	M 8	17
50	250	100,0	120,0	139,0	120,0	13,5	62,0	M 8	17

Der angegebene Betriebsdruck PB ist nur gültig für die Standardausführung 4423.
The indicated working pressure PB is only valid for the standard version 4423.

Gehäusemaße gültig für alle Kombinationen.
Body dimensions are for all the combinations.



Typ LA: L-Bohrung 0° - 90° allseitig druckbeaufschlagbar
Type LA: L-bore 0° - 90° pressured from all ports possible



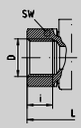
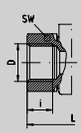
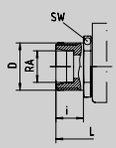
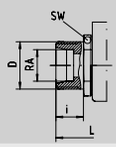
Typ TA: T-Bohrung 0° - 90° allseitig druckbeaufschlagbar
Type TA: T-bore 0° - 90° pressured from all ports possible

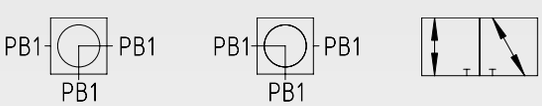
BK3 - DREIWEGE - UMSCHALT-KUGELHÄHNE
BK3 - THREE - WAY - BALL VALVES

*Max. zulässige Druckstufen (PB) entnehmen Sie bitte den Angaben der Schneidringverschraubungen.

*Max. allowed pressure (PB) see at the data from the compression couplings.

Gehäuseteile	Body	**1.4571 (AISI 316Ti)**	**1.4571 (AISI 316Ti)**
Kugel	Ball	**1.4571 (AISI 316Ti)**	**1.4571 (AISI 316Ti)**
Schaltwelle	Stem	**1.4571 (AISI 316Ti)**	**1.4571 (AISI 316Ti)**
Kugeldichtung	Ball Sealing	**PTFE (bis/to 100 bar)**	**POM**
Schaltwellendichtung	Stem Sealing	**FPM**	**NBR**
		Korrosive Medien Corrosive Media	**Hydraulik - Standardausführung** Hydraulics - Standard Version
		-20°C bis/to 100°C	**-20°C bis/to 100°C**
Anschlussart Connection		**Bestellzeichen** Order-Code	**Bestellzeichen** Order-Code

	DN	LW	D	RA		
01	4	5,0	G 1/8"		BK3-G 1/8"-4445-L	BK3-G 1/8"-4423-LA
• Rohrgewinde	6	6,0	G 1/4"		BK3-G 1/4"-4445-L	BK3-G 1/4"-4423-LA
• DIN ISO 228	10	9,0	G 3/8"		BK3-G 3/8"-4445-L	BK3-G 3/8"-4423-LA
• BSP Female Thread	13	11,5	G 1/2"		BK3-G 1/2"-4445-L	BK3-G 1/2"-4423-LA
• DIN ISO 228	20	18,0	G 3/4"		BK3-G 3/4"-4445-L	BK3-G 3/4"-4423-LA
	25	22,0	G 1"		BK3-G 1"-4445-L	BK3-G 1"-4423-LA
	32	30,0	G 1 1/4"		BK3-G 1 1/4"-4445-L	BK3-G 1 1/4"-4423-L
	40	35,0	G 1 1/2"		BK3-G 1 1/2"-4445-L	BK3-G 1 1/2"-4423-L
	50	44,0	G 2"		BK3-G 2"-4445-L	BK3-G 2"-4423-L
02	4	5,0	1/8"-27 NPT		BK3-1/8"-NPT-4445-L	BK3-1/8"-NPT-4423-LA
• NPT-Innengewinde	6	6,0	1/4"-18 NPT		BK3-1/4"-NPT-4445-L	BK3-1/4"-NPT-4423-LA
• ANSI B 2.1	10	9,0	3/8"-18 NPT		BK3-3/8"-NPT-4445-L	BK3-3/8"-NPT-4423-LA
• NPT Female Thread	13	11,5	1/2"-14 NPT		BK3-1/2"-NPT-4445-L	BK3-1/2"-NPT-4423-LA
• ANSI B 2.1	20	18,0	3/4"-14 NPT		BK3-3/4"-NPT-4445-L	BK3-3/4"-NPT-4423-LA
	25	22,0	1"-11,5 NPT		BK3-1"-NPT-4445-L	BK3-1"-NPT-4423-LA
	32	30,0	1 1/4"-11,5 NPT		BK3-1 1/4"-NPT-4445-L	BK3-1 1/4"-NPT-4423-L
	40	35,0	1 1/2"-11,5 NPT		BK3-1 1/2"-NPT-4445-L	BK3-1 1/2"-NPT-4423-L
	50	44,0	2"-11,5 NPT		BK3-2"-NPT-4445-L	BK3-2"-NPT-4423-L
03	4	5,0	M 12 x 1,5	6	BK3-6-L-4445-L	BK3-6-L-4423-LA
• Rohrverschraubung	6	6,0	M 14 x 1,5	8	BK3-8-L-4445-L	BK3-8-L-4423-LA
• Leichte Reihe DIN 2353	8	7,0	M 16 x 1,5	10	BK3-10-L-4445-L	BK3-10-L-4423-LA
• For Compression Fitting	10	9,0	M 18 x 1,5	12	BK3-12-L-4445-L	BK3-12-L-4423-LA
• Light Series DIN 2353	13	11,5	M 22 x 1,5	15	BK3-15-L-4445-L	BK3-15-L-4423-LA
	13	11,5	M 26 x 1,5	18	BK3-18-L-4445-L	BK3-18-L-4423-LA
	20	18,0	M 30 x 2	22	BK3-22-L-4445-L	BK3-22-L-4423-LA
	25	18,0	M 36 x 2	28	BK3-28-L-4445-L	BK3-28-L-4423-LA
	32	30,0	M 45 x 2	35	BK3-35-L-4445-L	BK3-35-L-4423-L
	40	35,0	M 52 x 2	42	BK3-42-L-4445-L	BK3-42-L-4423-L
04	4	5,0	M 14 x 1,5	6	BK3-6-S-4445-L	BK3-6-S-4423-LA
• Rohrverschraubung	4	5,0	M 16 x 1,5	8	BK3-8-S-4445-L	BK3-8-S-4423-LA
• Schwere Reihe DIN 2353	6	6,0	M 18 x 1,5	10	BK3-10-S-4445-L	BK3-10-S-4423-LA
• For Compression Fitting	8	7,0	M 20 x 1,5	12	BK3-12-S-4445-L	BK3-12-S-4423-LA
• Heavy Series DIN 2353	10	9,0	M 22 x 1,5	14	BK3-14-S-4445-L	BK3-14-S-4423-LA
	13	11,5	M 24 x 1,5	16	BK3-16-S-4445-L	BK3-16-S-4423-LA
	13	11,5	M 30 x 2	20	BK3-20-S-4445-L	BK3-20-S-4423-LA
	20	18,0	M 36 x 2	25	BK3-25-S-4445-L	BK3-25-S-4423-LA
	25	22,0	M 42 x 2	30	BK3-30-S-4445-L	BK3-30-S-4423-LA
	32	30,0	M 52 x 2	38	BK3-38-S-4445-L	BK3-38-S-4423-L



LA - Version nur bis DN 25
LA - Version only up to DN 25

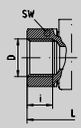
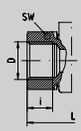
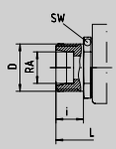
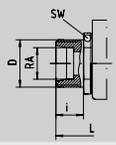
Typ LA: L-Bohrung 0° - 90° allseitig druckbeaufschlagbar
Type LA: L-bore 0° - 90° pressured from all ports possible

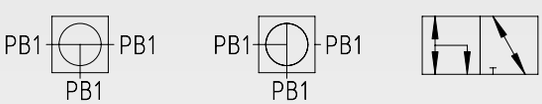
BK3 - DREIWEGE - UMSCHALT-KUGELHÄHNE
BK3 - THREE - WAY - BALL VALVES

EDELSTAHL / STAINLESS STEEL
VERBINDUNGSTECHNIK
FLUID CONNECTORS

*Max. zulässige Druckstufen (PB) entnehmen Sie bitte den Angaben der Schneidringverschraubungen.

*Max. allowed pressure (PB) see at the data from the compression couplings.

Gehäuseteile	Body				**1.4571 (AISI 316Ti)**		**1.4571 (AISI 316Ti)**
Kugel	Ball				**1.4571 (AISI 316Ti)**		**1.4571 (AISI 316Ti)**
Schaltwelle	Stem				**1.4571 (AISI 316Ti)**		**1.4571 (AISI 316Ti)**
Kugeldichtung	Ball Sealing				**PTFE (bis/to 100 bar)**		**POM**
Schaltwellendichtung	Stem Sealing				**FPM**		**NBR**
					Korrosive Medien Corrosive Media		**Hydraulik - Standardausführung** Hydraulics - **Standard Version**
					-20°C bis/to 100°C		**-20°C bis/to 100°C**
Anschlussart Connection					**Bestellzeichen** Order-Code		**Bestellzeichen** Order-Code
	DN	**LW**	**D**	**RA**			
01	4	5,0	G 1/8"		BK3-G 1/8"-4445-T		BK3-G 1/8"-4423-TA
• Rohrgewinde	6	6,0	G 1/4"		BK3-G 1/4"-4445-T		BK3-G 1/4"-4423-TA
• DIN ISO 228	10	9,0	G 3/8"		BK3-G 3/8"-4445-T		BK3-G 3/8"-4423-TA
• BSP Female Thread	13	11,5	G 1/2"		BK3-G 1/2"-4445-T		BK3-G 1/2"-4423-TA
• DIN ISO 228	20	18,0	G 3/4"		BK3-G 3/4"-4445-T		BK3-G 3/4"-4423-TA
	25	22,0	G 1"		BK3-G 1"-4445-T		BK3-G 1"-4423-TA
	32	30,0	G 1 1/4"		BK3-G 1 1/4"-4445-T		BK3-G 1 1/4"-4423-TA
	40	35,0	G 1 1/2"		BK3-G 1 1/2"-4445-T		BK3-G 1 1/2"-4423-TA
	50	44,0	G 2"		BK3-G 2"-4445-T		BK3-G 2"-4423-TA
02	4	5,0	1/8"-27-NPT		BK3-1/8"-NPT-4445-T		BK3-1/8"-NPT-4423-TA
•-NPT-Innengewinde	6	6,0	1/4"-18 NPT		BK3-1/4"-NPT-4445-T		BK3-1/4"-NPT-4423-TA
• ANSI B 2.1	10	9,0	3/8"-18 NPT		BK3-3/8"-NPT-4445-T		BK3-3/8"-NPT-4423-TA
•-NPT Female Thread	13	11,5	1/2"-14 NPT		BK3-1/2"-NPT-4445-T		BK3-1/2"-NPT-4423-TA
• ANSI B 2.1	20	18,0	3/4"-14 NPT		BK3-3/4"-NPT-4445-T		BK3-3/4"-NPT-4423-TA
	25	22,0	1"-11,5 NPT		BK3-1"-NPT-4445-T		BK3-1"-NPT-4423-TA
	32	30,0	1 1/4"-11,5 NPT		BK3-1 1/4"-NPT-4445-T		BK3-1 1/4"-NPT-4423-TA
	40	35,0	1 1/2"-11,5 NPT		BK3-1 1/2"-NPT-4445-T		BK3-1 1/2"-NPT-4423-TA
	50	44,0	2"-11,5 NPT		BK3-2"-NPT-4445-T		BK3-2"-NPT-4423-TA
03	4	5,0	M 12 x 1,5	6	BK3-6-L-4445-T		BK3-6-L-4423-TA
• Rohrverschraubung	6	6,0	M 14 x 1,5	8	BK3-8-L-4445-T		BK3-8-L-4423-TA
• Leichte Reihe DIN 2353	8	7,0	M 16 x 1,5	10	BK3-10-L-4445-T		BK3-10-L-4423-TA
• For Compression Fitting	10	9,0	M 18 x 1,5	12	BK3-12-L-4445-T		BK3-12-L-4423-TA
• Light Series DIN 2353	13	11,5	M 22 x 1,5	15	BK3-15-L-4445-T		BK3-15-L-4423-TA
	13	11,5	M 26 x 1,5	18	BK3-18-L-4445-T		BK3-18-L-4423-TA
	20	18,0	M 30 x 2	22	BK3-22-L-4445-T		BK3-22-L-4423-TA
	25	22,0	M 36 x 2	28	BK3-28-L-4445-T		BK3-28-L-4423-TA
	32	30,0	M 45 x 2	35	BK3-35-L-4445-T		BK3-35-L-4423-TA
	40	35,0	M 52 x 2	42	BK3-42-L-4445-T		BK3-42-L-4423-TA
04	4	5,0	M 14 x 1,5	6	BK3-6-S-4445-T		BK3-6-S-4423-TA
• Rohrverschraubung	4	5,0	M 16 x 1,5	8	BK3-8-S-4445-T		BK3-8-S-4423-TA
• Schwere Reihe DIN 2353	6	6,0	M 18 x 1,5	10	BK3-10-S-4445-T		BK3-10-S-4423-TA
• For Compression Fitting	8	7,0	M 20 x 1,5	12	BK3-12-S-4445-T		BK3-12-S-4423-TA
• Heavy Series DIN 2353	10	9,0	M 22 x 1,5	14	BK3-14-S-4445-T		BK3-14-S-4423-TA
	13	11,5	M 24 x 1,5	16	BK3-16-S-4445-T		BK3-16-S-4423-TA
	13	11,5	M 30 x 2	20	BK3-20-S-4445-T		BK3-20-S-4423-TA
	20	18,0	M 36 x 2	25	BK3-25-S-4445-T		BK3-25-S-4423-TA
	25	22,0	M 42 x 2	30	BK3-30-S-4445-T		BK3-30-S-4423-TA
	32	30,0	M 52 x 2	38	BK3-38-S-4445-T		BK3-38-S-4423-TA



Typ TA: T-Bohrung 0° - 90° allseitig druckbeaufschlagbar
Type TA: T-bore 0° - 90° pressured from all ports possible

BK3 - DREIWEGE - UMSCHALT-KUGELHÄHNE
BK3 - THREE - WAY - BALL VALVES

*Max. zulässige Druckstufen (PB) entnehmen Sie bitte den Angaben der Schneidringverschraubungen.

*Max. allowed pressure (PB) see at the data from the compression couplings.

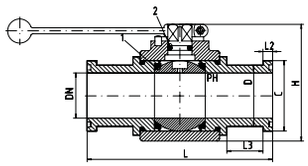
Anschlussart Connection	Ca. Maße Approx. Dimensions							
	DN	LW	D	RA	L	L10	i	SW
01 **• Rohrgewinde** **• DIN ISO 228** • BSP Female Thread • DIN ISO 228	4	5,0	G 1/8"		69	26,0	9	22
	6	6,0	G 1/4"		69	26,0	12	22
	10	9,0	G 3/8"		73	28,0	12	27
	13	11,5	G 1/2"		85	32,0	14	30
	20	18,0	G 3/4"		96	40,5	17	41
	25	22,0	G 1"		113	51,0	19	46
	32	30,0	G 1 1/4"		110	62,0	20	60
	40	35,0	G 1 1/2"		120	65,0	24	70
	50	44,0	G 2"		140	72,0	28	85
02 **• NPT-Innengewinde** **• ANSI B 2.1** • NPT Female Thread • ANSI B 2.1	4	5,0	1/8"-27 NPT		69	26,0	12	22
	6	6,0	1/4"-18 NPT		69	26,0	17	22
	10	9,0	3/8"-18 NPT		73	28,0	17	27
	13	11,5	1/2"-14 NPT		92	32,0	22	30
	20	18,0	3/4"-14 NPT		97	40,5	23	41
	25	22,0	1"-11,5 NPT		113	51,0	27	46
	32	30,0	1 1/4"-11,5 NPT		115	62,0	28	60
	40	35,0	1 1/2"-11,5 NPT		138	65,0	28	70
	50	44,0	2"-11,5 NPT		140	72,0	30	85
03* **• Rohrverschraubung** **• Leichte Reihe DIN 2353** • For Compression Fitting • Light Series DIN 2353	4	5,0	M 12 x 1,5	6	67	41,5	10	22
	6	6,0	M 14 x 1,5	8	67	41,5	10	22
	8	7,0	M 16 x 1,5	10	71	41,5	11	22
	10	9,0	M 18 x 1,5	12	75	44,5	11	27
	13	11,5	M 22 x 1,5	15	84	50,0	12	30
	13	11,5	M 26 x 1,5	18	84	50,0	12	32
	20	18,0	M 30 x 2	22	102	60,5	14	41
	25	22,0	M 36 x 2	28	108	72,0	14	46
	32	30,0	M 45 x 2	35	128	86,0	16	60
	40	35,0	M 52 x 2	42	133	89,0	16	70
04* **• Rohrverschraubung** **• Schwere Reihe DIN 2353** • For Compression Fitting • Heavy Series DIN 2353	4	5,0	M 14 x 1,5	6				
	4	5,0	M 16 x 1,5	8	73	44,5	12	22
	6	6,0	M 18 x 1,5	10	73	44,5	12	22
	8	7,0	M 20 x 1,5	12	77	46,0	12	22
	10	9,0	M 22 x 1,5	14	84	48,5	14	27
	13	11,5	M 24 x 1,5	16	87	51,5	14	30
	13	11,5	M 30 x 2	20	91	51,5	16	32
	20	18,0	M 36 x 2	25	110	64,5	18	41
	25	22,0	M 42 x 2	30	120	78,0	20	46
	32	30,0	M 52 x 2	38	140	92,0	22	60

FKH - HOCHDRUCK - FLANSCHKUGELHÄHNE

FKH - HIGH - PRESSURE - FLANGE - BALL VALVES

Mit Flansch nach SAE J 518 / DIN 6162
3.000 PSI + 6.000 PSI
Für SAE-Flanschhälften, Rubrik 2.58
1 = Kugeldichtung - POM
2 = Schaltwellendichtung - NBR

With Flange to SAE J 518 / DIN 6162
3.000 PSI + 6.000 PSI
For SAE-Split Flange Halves, Category 2.58
1 = Ball Sealing - POM
2 = Stem Sealing - NBR

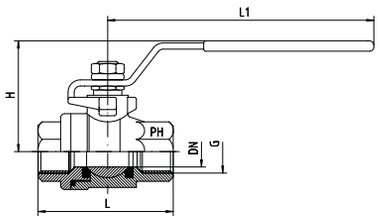


	Druck Pressure	Ca. Maße mm Approx. Dimensions mm						Bemerkungen Notes	Bestellzeichen Order-Code
DN	PB	C	D	H	L	L2	L3		
13	315	30,2	24,0	51,0	151,0	6,7	35,0		FKH-3000-1/2“-4423
20	315	38,1	32,0	73,0	162,0	6,7	35,0		FKH-3000-3/4“-4423
24	315	44,4	38,0	76,0	178,0	8,0	35,0		FKH-3000-1“-4423
32	250	50,8	43,0	105,0	190,5	8,0	35,0		FKH-3000-1 1/4“-4423
38	200	60,3	50,0	111,4	231,0	8,0	40,0		FKH-3000-1 1/2“-4423
48	200	71,4	62,0	130,0	232,0	9,5	45,0		FKH-3000-2“-4423
13	400	31,7	24,0	51,0	151,0	7,7	35,0		FKH-6000-1/2“-4423
20	400	41,3	32,0	73,0	174,0	8,8	40,0		FKH-6000-3/4“-4423
24	400	47,6	38,0	76,0	198,0	9,5	40,0		FKH-6000-1“-4423
32	400	54,0	44,0	105,0	223,0	10,3	45,0		FKH-6000-1 1/4“-4423
38	400	63,5	51,0	111,4	281,0	12,6	70,0		FKH-6000-1 1/2“-4423
48	400	79,4	67,0	130,0	316,0	12,6	80,0		FKH-6000-2“-4423

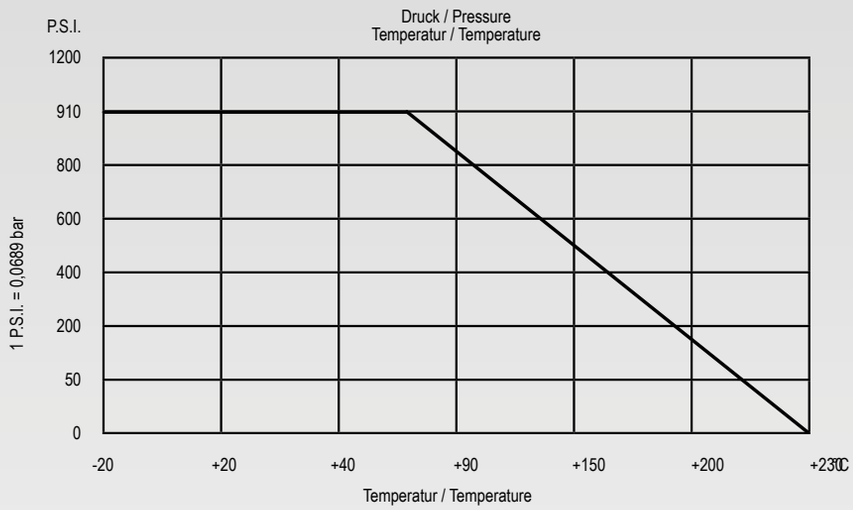
KH - NIEDERDRUCK - KUGELHÄHNE
KH - LOW - PRESSURE - BALL VALVES

Rohrinnengewinde: DIN / ISO 228
Zweiteilig - 1.4408
Volle Bohrung
Dichtungen: Kugel + Schaltwelle = PTFE
(-20°C + 180°C)
Bei höheren Temperaturen beachten Sie bitte
das Druck- / Temperaturdiagramm.

BSP Female Thread: DIN / ISO 228
Two-piece - AISI 316
Full-Port
Sealings: Ball + Stem = PTFE
(-20°C to +180°C)
At higher temperatures please note
the pressure / temperature diagram.



	Größe Size	Druck Pressure	Ca. Maße mm Approx. Dimensions mm				Bemerkungen Notes	Bestellzeichen Order-Code
DN		PB	G	H	L	L1		
8,5	1/8“	63	1/8“	50,0	55,0	100,0		KH-G 1/8“
11,5	1/4“	63	1/4“	50,0	55,0	100,0		KH-G 1/4“
12,5	3/8“	63	3/8“	50,0	55,0	100,0		KH-G 3/8“
15,0	1/2“	63	1/2“	60,0	65,0	130,0		KH-G 1/2“
20,0	3/4“	63	3/4“	64,0	72,0	130,0		KH-G 3/4“
25,0	1“	63	1“	71,0	84,0	165,0		KH-G 1“
32,0	1 1/4“	63	1 1/4“	78,0	94,0	165,0		KH-G 1 1/4“
38,0	1 1/2“	63	1 1/2“	86,0	110,0	190,0		KH-G 1 1/2“
50,0	2“	63	2“	95,0	126,0	190,0		KH-G 2“
65,0	2 1/2“	40	2 1/2“	130,0	161,0	250,0		KH-G 2 1/2“
80,0	3“	40	3“	148,0	178,0	250,0		KH-G 3“

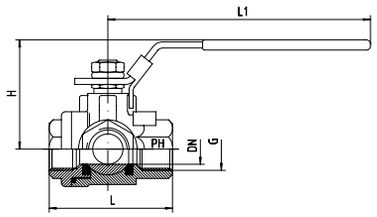


KH-3W - NIEDERDRUCK - KUGELHÄHNE

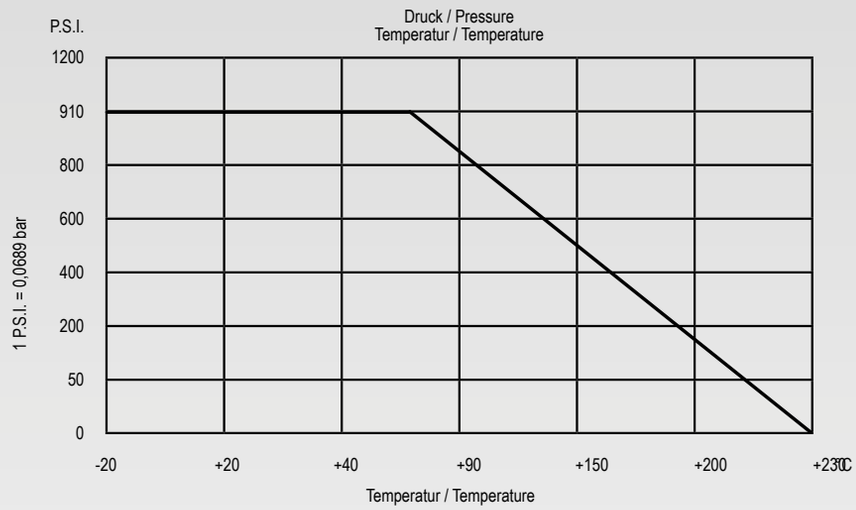
KH-W3 - LOW - PRESSURE - BALL VALVES

Rohrinnengewinde: DIN / ISO 228
3-Wege - 1.4408
L-Bohrung
Dichtungen: Kugel + Schaltwelle = PTFE
(-20°C bis + 180°C)
Bei höheren Temperaturen beachten Sie bitte das Druck- / Temperaturdiagramm.

BSP Female Thread: DIN / ISO 228
3-Way - AISI 316
L-Port
Sealings: Ball + Stem = PTFE
(-20°C to +180°C)
At higher temperatures please note the pressure / temperature diagram.



	Größe Size	Druck Pressure	Ca. Maße mm Approx. Dimensions mm				Bemerkungen Notes	Bestellzeichen Order-Code
DN		**PB**	**G**	**H**	**L**	**L1**		
11,2	1/4“	63	1/4“	50,0	68,0	97,0		KH-G 1/4“-3 W-L
11,2	3/8“	63	3/8“	50,0	68,0	97,0		KH-G 3/8“-3 W-L
12,7	1/2“	63	1/2“	50,0	68,0	97,0		KH-G 1/2“-3 W-L
16,0	3/4“	63	3/4“	64,0	83,0	127,0		KH-G 3/4“-3 W-L
20,0	1“	63	1“	66,0	90,0	127,0		KH-G 1“-3 W-L
25,0	1 1/4“	63	1 1/4“	80,0	97,0	145,0		KH-G 1 1/4“-3 W-L
32,0	1 1/2“	63	1 1/2“	83,0	114,0	145,0		KH-G 1 1/2“-3 W-L
38,1	2“	63	2“	96,0	142,0	205,0		KH-G 2“-3 W-L

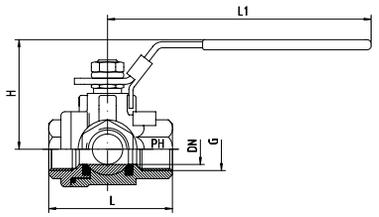


KH-3W - NIEDERDRUCK - KUGELHÄHNE

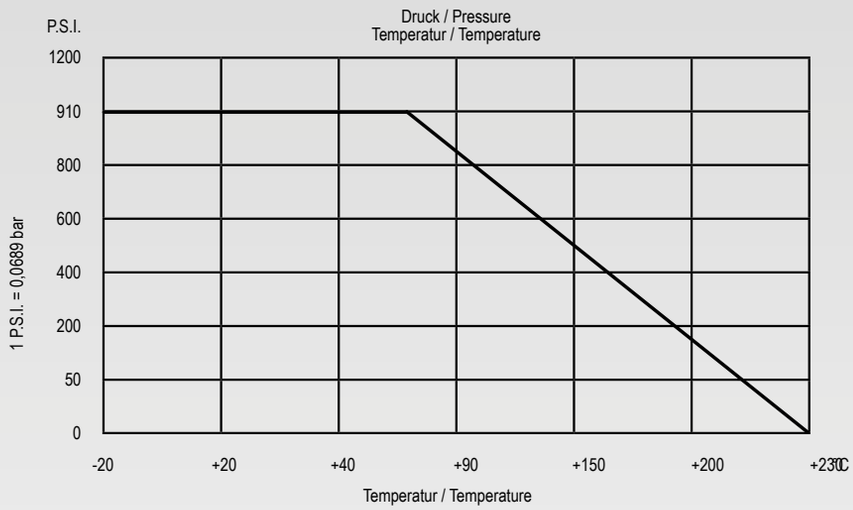
KH-3W - LOW - PRESSURE - BALL VALVES

Rohrinnengewinde: DIN / ISO 228
3-Wege - 1.4408
T-Bohrung
Dichtungen: Kugel + Schaltwelle = PTFE
(-20°C bis + 180°C)
Bei höheren Temperaturen beachten Sie bitte
das Druck- / Temperaturdiagramm.

BSP Female Thread: DIN / ISO 228
3-Way - AISI 316
T-Port
Sealings: Ball + Stem = PTFE
(-20°C to +180°C)
At higher temperatures please note
the pressure / temperature diagram.



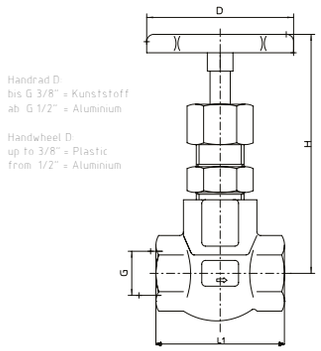
	Größe Size	Druck Pressure	Ca. Maße mm Approx. Dimensions mm				Bemerkungen Notes	Bestellzeichen Order-Code
DN		PB	G	H	L	L1		
11,5	1/4“	63	1/4“	50,0	68,0	97,0		KH-G 1/4“-3 W-T
12,5	3/8“	63	3/8“	50,0	68,0	97,0		KH-G 3/8“-3 W-T
12,5	1/2“	63	1/2“	50,0	68,0	97,0		KH-G 1/2“-3 W-T
15,0	3/4“	63	3/4“	64,0	83,0	127,0		KH-G 3/4“-3 W-T
20,0	1“	63	1“	66,0	90,0	127,0		KH-G 1“-3 W-T
25,0	1 1/4“	63	1 1/4“	80,0	97,0	145,0		KH-G 1 1/4“-3 W-T
32,0	1 1/2“	63	1 1/2“	83,0	114,0	145,0		KH-G 1 1/2“-3 W-T
40,0	2“	63	2“	96,0	142,0	205,0		KH-G 2“-3 W-T



HV - HOCHDRUCK - ABSPERRVENTILE
HV - HIGH - PRESSURE - VALVES

Mit innenliegender Spindel
Innengewinde: Whitworth-Rohrgewinde - Zylindrisch
Hinweis: Stopfbuchspackung (Graphit) vor erster Inbetriebnahme nachziehen.

With Internal Threaded Spindle
Female-Thread: BSP - Parallel
Note: Adjust stuffing box packing (Graphite) prior to initial working period.



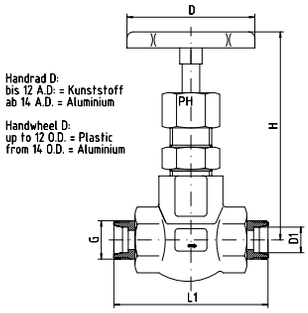
Druck Pressure	Gewinde Thread	Ca. Maße mm Approx. Dimensions mm			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G**	**D**	**H**	**L1**		
400	1/4“	70	85,0	65,0		HVa-IG-1/4“
400	3/8“	70	85,0	65,0		HVa-IG-3/8“
400	1/2“	125	110,0	100,0		HVa-IG-1/2“
400	3/4“	125	110,0	100,0		HVa-IG-3/4“

	Erforderliche Druckabschläge Required Pressure Reductions				
Temperatur Temperature	50°C	100°C	200°C	300°C	400°C
Druckabschlag Pressure Reduction	6%	15%	37%	60%	84%

Zwischenwerte sind zu interpolieren.
Intermediate values are to be interpolated.

Mit innenliegender Spindel
Anschluss mit 24° Konus für Schneidringverbindung
DIN 2353
Hinweis: Stopfbuchspackung (Graphit) vor erster Inbetriebnahme nachziehen.

With Internal Threaded Spindle
Connection with 24°-Cone for Compression Couplings
DIN 2353
Note: Adjust stuffing box packing (Graphite) prior to initial working period.



Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße mm Approx. Dimensions mm			Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	D	H	L1		
400	6	M 14 x 1,5	70,0	85,0	65,0		HVa-S-06-OMD
400	8	M 16 x 1,5	70,0	85,0	65,0		HVa-S-08-OMD
400	10	M 18 x 1,5	70,0	85,0	65,0		HVa-S-10-OMD
400	12	M 20 x 1,5	70,0	85,0	65,0		HVa-S-12-OMD
400	14	M 22 x 1,5	125,0	110,0	100,0		HVa-S-14-OMD
400	16	M 24 x 1,5	125,0	125,0	100,0		HVa-S-16-OMD
400	20	M 30 x 2	125,0	125,0	100,0		HVa-S-20-OMD
250	25	M 36 x 2	125,0	125,0	100,0		HVa-S-25-OMD
160	30	M 42 x 2					HVa-S-30-OMD
160	38	M 52 x 2					HVa-S-38-OMD

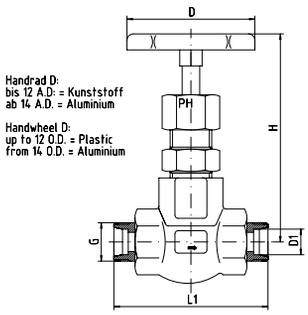
Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße mm Approx. Dimensions mm			Bemerkungen Notes	Bestellzeichen Order-Code
PN	D1	G	D	H	L1		
250	6	M 12 x 1,5	70,0	85,0	65,0		HVa-L-06-OMD
250	8	M 14 x 1,5	70,0	85,0	65,0		HVa-L-08-OMD
250	10	M 16 x 1,5	70,0	85,0	65,0		HVa-L-10-OMD
250	12	M 18 x 1,5	70,0	85,0	65,0		HVa-L-12-OMD
250	15	M 22 x 1,5	125,0	125,0	100,0		HVa-L-15-OMD
250	18	M 26 x 1,5	125,0	125,0	130,0		HVa-L-18-OMD
250	22	M 30 x 2	125,0	125,0	130,0		HVa-L-22-OMD
250	28	M 36 x 2	125,0	125,0	130,0		HVa-L-28-OMD

HV - HOCHDRUCK - ABSPERRVENTILE
HV - HIGH - PRESSURE - VALVES

Mit außenliegender Spindel
Anschluss mit 24° Konus für Schneidringverbindung
DIN 2353
Hinweis: Stopfbuchspackung (Graphit) vor erster Inbetriebnahme nachziehen.

With External Threaded Spindle
Connection with 24°-Cone for Compression Couplings
DIN 2353
Note: Adjust stuffing box packing (Graphite) prior to initial working period.



Reihe / Series S

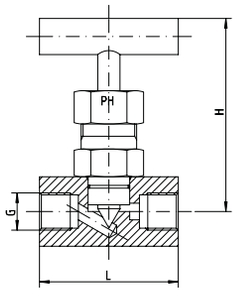
Druck Pressure	**Rohr A.D.** Tube O.D.	**Gewinde** Thread	**Ca. Maße mm** Approx. Dimensions mm			**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**D1**	**G**	**D**	**H**	**L1**		
400	6	M 14 x 1,5	70,0	124,0			HVb-S-06-OMD
400	8	M 16 x 1,5	70,0	124,0			HVb-S-08-OMD
400	10	M 18 x 1,5	70,0	124,0	80,0		HVb-S-10-OMD
400	12	M 20 x 1,5	70,0	124,0	80,0		HVb-S-12-OMD
400	14	M 22 x 1,5	125,0	124,0			HVb-S-14-OMD
400	16	M 24 x 1,5	125,0	124,0	100,0		HVb-S-16-OMD
400	20	M 30 x 2	125,0	124,0	100,0		HVb-S-20-OMD
400	25	M 36 x 2	125,0	153,0			HVb-S-25-OMD

	Erforderliche Druckabschläge Required Pressure Reductions				
Temperatur Temperature	50°C	100°C	200°C	300°C	400°C
Druckabschlag Pressure Reduction	6%	15%	37%	60%	84%

Zwischenwerte sind zu interpolieren.
Intermediate values are to be interpolated.

Gehäuse-Werkstoff: 1.4401
Mit Stopfbuchspackung - PTFE
Rohrinnengewinde - DIN / ISO 228
NPT-Innengewinde
Temperatur: -20°C bis +200°C
Hinweis:
Stopfbuchspackung (PTFE) vor erster Inbetriebnahme nachziehen.

Body-Material: 1.4401
With Stuffing Box Packing - PTFE
BSP Female Thread DIN / ISO 228
NPT Female Thread
Temperature: -20°C up to +200°C
Note:
Adjust stuffing box packing (PTFE) prior to initial working period.

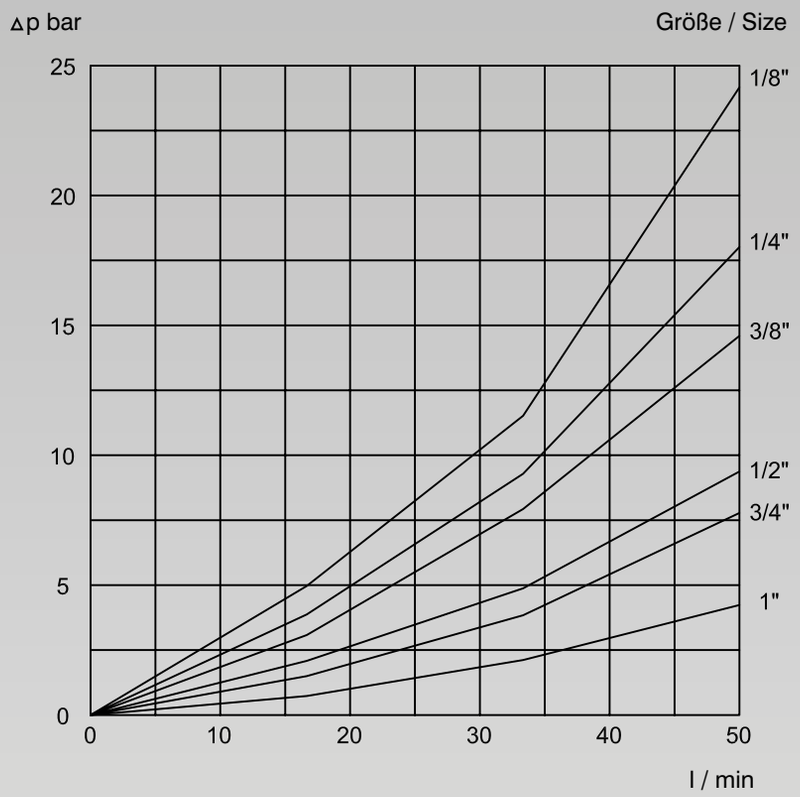


Reihe / Series BSP

Druck Pressure	**Gewinde** Thread	**Ca. Maße mm** Approx. Dimensions mm		**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G**	**H**	**L**		
420	1/8“ zyl	77,0	59,0		NV-G 1/8“-BSP
420	1/4“ zyl	77,0	59,0		NV-G 1/4“-BSP
420	3/8“ zyl	78,0	59,0		NV-G 3/8“-BSP
420	1/2“ zyl	81,0	65,0		NV-G 1/2“-BSP
420	3/4“ zyl	113,0	70,0		NV-G 3/4“-BSP
420	1“ zyl	117,0	80,0		NV-G 1“-BSP

Reihe / Series NPT

Druck Pressure	**Gewinde** Thread	**Ca. Maße mm** Approx. Dimensions mm		**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G**	**H**	**L**		
420	1/8“ NPT	77,0	59,0		NV-1/8“-NPT
420	1/4“ NPT	77,0	59,0		NV-1/4“-NPT
420	3/8“ NPT	78,0	59,0		NV-3/8“-NPT
420	1/2“ NPT	81,0	65,0		NV-1/2“-NPT
420	3/4“ NPT	113,0	70,0		NV-3/4“-NPT
420	1“ NPT	117,0	80,0		NV-1“-NPT

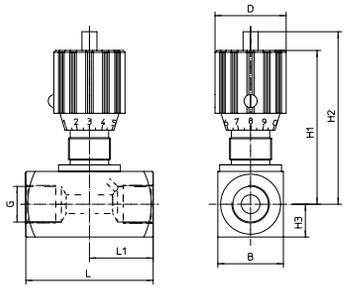

Δp bar
Größe / Size
25
20
15
10
5
0
0
10
20
30
40
50
l / min
1/8"
1/4"
3/8"
1/2"
3/4"
1"

NDV - NADEL - DURCHFLUSS - DROSSEL-VENTILE

NDV - NEEDLE - FLOW - CONTROL - VALVES

Rohrgewinde: DIN / ISO 228
BSP - Innengewinde
Temperatur: -30°C bis + 100°C
Dichtungen: NBR
Hinweis: Durchfluss-Drossel-Ventile nicht als Absperrventile nutzen, geringe Leckagerate auch bei max. Drosselposition möglich

BSP Female Thread DIN / ISO 228
Temperature: -30°C bis + 100°C
Seals: NBR
Note: Flow control valves should not be used as shutt-off device, small leakage rates may accure in fully closed position



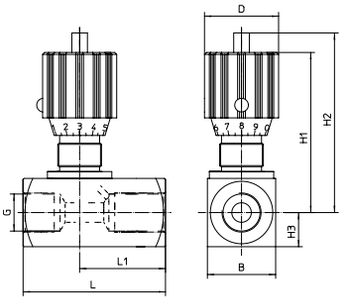
Druck Pressure		**Gewinde** Thread	**Ca. Maße** Apporox. Dimensions							**Bestellzeichen** Order-Code
PN	**DN**	**G**	**B**	**D**	**H1**	**H2**	**H3**	**L**	**L1**	
350	6	1/8"	16,0	24,0	51,0	56,0	8,0	38,0	19,0	NDV-G 1/8“
350	8	1/4"	25,0	29,0	65,0	71,0	12,5	48,0	24,0	NDV-G 1/4“
350	10	3/8"	30,0	29,0	68,0	75,0	15,0	58,0	29,0	NDV-G 3/8“
350	12	1/2"	35,0	38,0	82,0	92,0	17,5	68,0	34,0	NDV-G 1/2“
350	16	3/4"	45,0	38,0	96,0	106,0	22,5	78,0	39,0	NDV-G 3/4“
350	20	1"	50,0	49,0	121,0	134,0	25,0	108,0	54,0	NDV-G 1“
350	25	1 1/4"	60,0	49,0	126,0	139,0	30,0	108,0	54,0	NDV-G 1 1/4“
350	30	1 1/2"	70,0	49,0	131,0	144,0	35,0	108,0	54,0	NDV-G 1 1/2“
350	40	2"	90,0	49,0	141,0	154,0	45,0	120,0	60,0	NDV-G 2“

NDRV - NADEL- RÜCKSCHLAG - DURCHFLUSS - DROSSEL - VENTILE

NDRV - NEEDLE - FLOW - CONTROL - CHECK - VALVES

Rohrgewinde: DIN / ISO 228
BSP - Innengewinde
Temperatur: -30°C bis + 100°C
Dichtungen: NBR
Öffnungsdruck: 0,5 bar
Hinweis: Durchfluss-Drossel-Ventile nicht als Absperrventile nutzen, geringe Leckagerate auch bei max. Drosselposition möglich

BSP Female Thread DIN / ISO 228
Temperature: -30°C bis + 100°C
Seals: NBR
Cracking pressue: 0,5 bar
Note: Flow control valves should not be used as shutt-off device, small leakage rates may accure in fully closed position

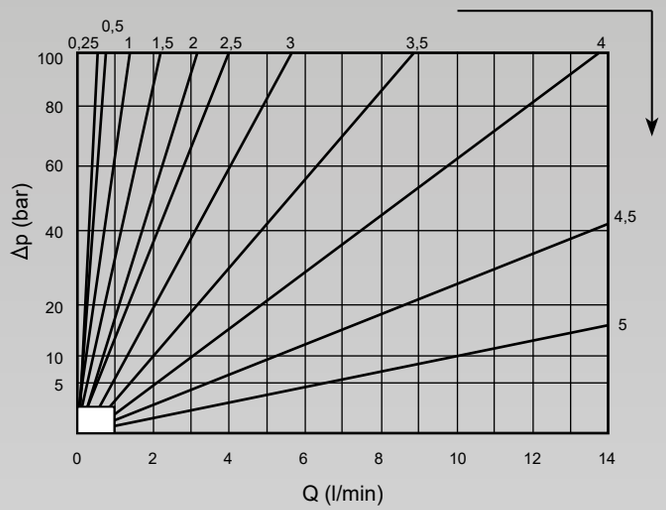


Druck Pressure		Gewinde Thread	Ca. Maße Apporox. Dimensions							Bestellzeichen Order-Code
PN	**DN**	**G**	**B**	**D**	**H1**	**H2**	**H3**	**L**	**L1**	
350	6	1/8"	16,0	24,0	51,0	56,0	8,0	45,0	26,0	NDRV-G 1/8“
350	8	1/4"	25,0	29,0	65,0	71,0	12,5	55,0	33,5	NDRV-G 1/4“
350	10	3/8"	30,0	29,0	68,0	75,0	15,0	65,0	41,0	NDRV-G 3/8“
350	12	1/2"	35,0	38,0	82,0	92,0	17,5	73,0	44,0	NDRV-G 1/2“
350	16	3/4"	45,0	38,0	96,0	106,0	22,5	88,0	57,0	NDRV-G 3/4“
350	20	1"	50,0	49,0	121,0	134,0	25,0	127,0	77,0	NDRV-G 1“
350	25	1 1/4"	60,0	49,0	126,0	139,0	30,0	143,0	93,0	NDRV-G 1 1/4“
350	30	1 1/2"	70,0	49,0	131,0	144,0	35,0	143,0	91,0	NDRV-G 1 1/2“
350	40	2"	90,0	49,0	141,0	154,0	45,0	165,0	111,0	NDRV-G 2“

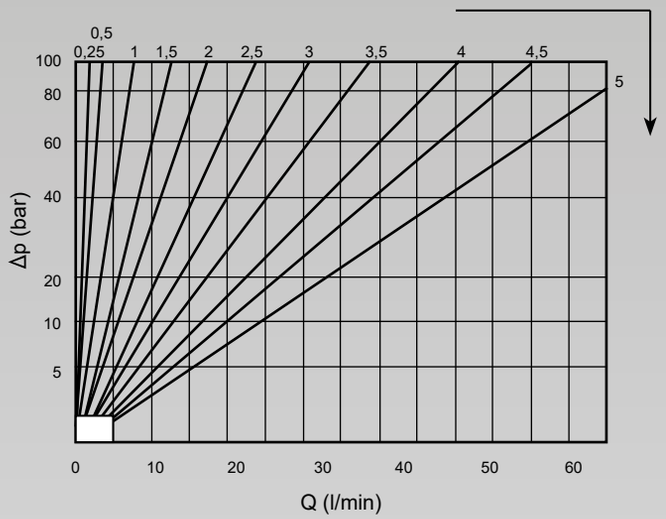
Griffumdrehungen - je höher die Zahl,
desto weiter ist das Ventil geöffnet

handle turns - the higher the number,
the wider open the valve

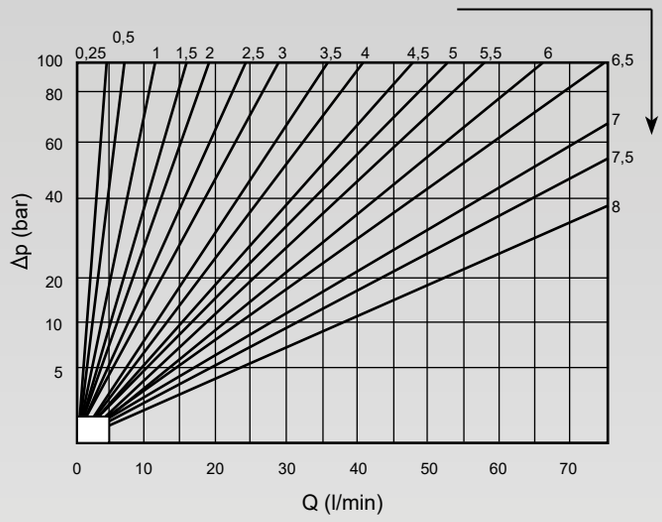
Größe / Size - DN6



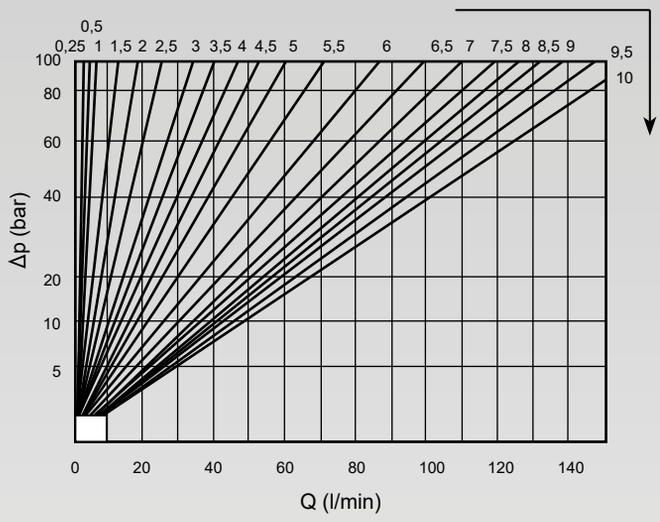
Größe / Size - DN8



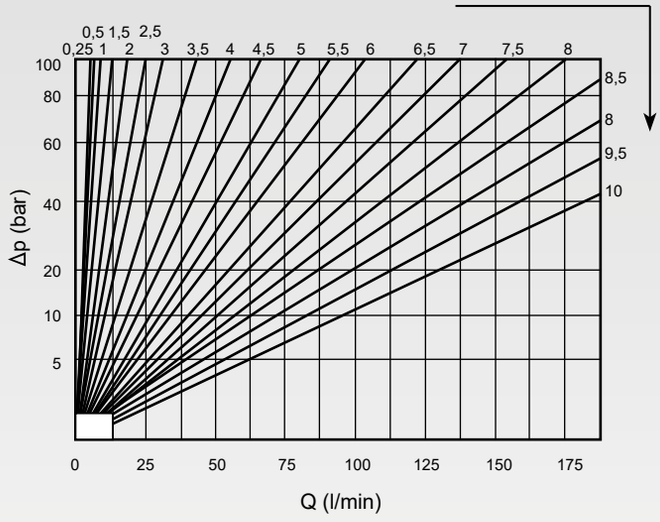
Größe / Size - DN10



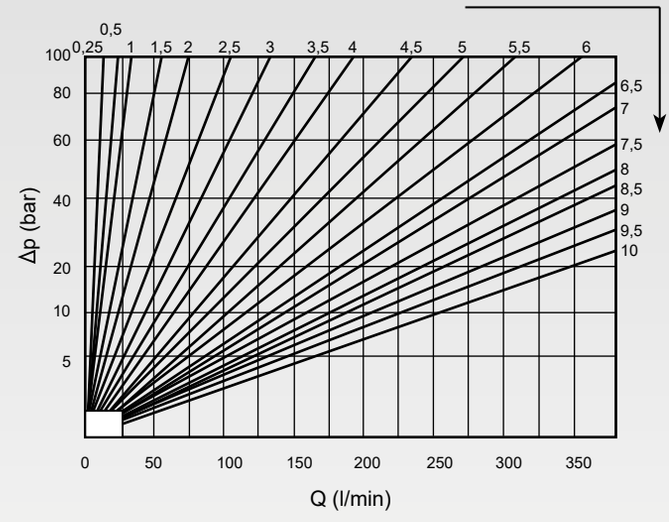
Größe / Size - DN12



Größe / Size - DN16



Größe / Size - DN20/25/30/40



Messanschlüsse
Pressure Gauge Connectors

14

14

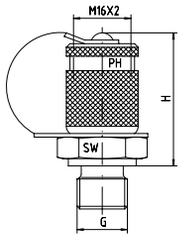
MESSANSCHLÜSSE
PRESSURE GAUGE CONNECTORS

Produktgruppen	Product-Groups	Seite / Page	
MAS - Messanschlüsse	**MAS - Test Point - Pressure - Gauge - Connectors**		
MAS - Metrisch mit O-Ring	MAS - Metric with O-Ring	14.2	
MAS - Withworth Rohrgewinde	MAS - BSP Parallel	14.2	
MAS - NPT	MAS - NPT	14.2	
GMV - Gerade - Messverschraubungen	**GMV - Straight - Test Point - Pressure - Gauge - Fittings**		
GMV - Standard	GMV - Standard	14.3	
GMV - SC	GMV - SC	14.4	
GMV - OMD	GMV - OMD	14.5	
VKA-DKO - Messanschlüsse	**VKA-DKO - Test Point - Pressure - Gauge - Connectors**		
VKA - DKOL	VKA - DKOL	14.6	
VKA - DKOS	VKA - DKOS	14.6	
SMS - Hochdruck - Messschläuche	**SMS - High Pressure - Test - Hoses**		
SMS - Hochdruck Messschäuche	SMS - High Pressure Test Hoses	14.7	
SMA - Manometer - Messanschlüsse	**SMA - Gauge Test Adaptors**		
SMA - Manometer - Messanschlüsse	SMA - Gauge Test Adaptors	14.8	
SMD - Manometer-Direktanschlüsse	**SMD - Direct - Gauge - Adaptors**		
SMD - Manometer - Direktanschlüsse	SMD - Direct - Gauge - Adaptors	14.9	

Standard = Überwurfmutter blank / Tube nuts are supplied unplated
SC = Überwurfmutter bis Größe 12-S ist gleitbeschichtet / Tube nuts until size 12-L are supplied chemical plated
= Überwurfmutter ab Größe 12-S ist mit versilbertem Gewinde / Tube nuts from size 12-S are supplied with silver plated thread
OMD = Verschraubung ohne Überwurfmutter und Schneidring am Außengewinde / Couplings are supplied without nut and cutting ring at male thread

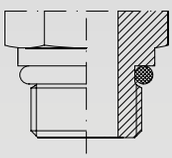
Mit Schraubkupplung M 16 x 2
O-Ring - FPM

With Connection M 16 x 2
O-ring - FPM



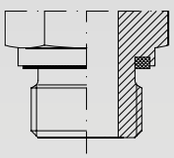
Druck Pressure	**Gewinde** Thread	**Ca. Maße** Approx. Dimensions		**Abdichtung** Sealing	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G**	**H**	**SW**			
630	M 8 x 1	37,0	17	O-Ring Form A		MAS-M 8x1-or
630	M 10 x 1	37,0	17	O-Ring Form A		MAS-M 10x1-or
630	M 10 x 1	37,0	17	Weichdichtung / Soft Sealing Form C		MAS-M 10x1-wd
630	M 12 x 1,5	37,0	17	Weichdichtung / Soft Sealing Form C		MAS-M 12x1,5-wd
630	M 14 x 1,5	37,0	19	Weichdichtung / Soft Sealing Form C		MAS-M 14x1,5-wd
630	M 16 x 1,5	37,0	22	Weichdichtung / Soft Sealing Form C		MAS-M 16x1,5-wd
630	G 1/8“	37,0	17	Weichdichtung / Soft Sealing Form C		MAS-G 1/8“-wd
630	G 1/4“	37,0	19	Weichdichtung / Soft Sealing Form C		MAS-G 1/4“-wd
630	G 3/8“	40,0	22	Weichdichtung / Soft Sealing Form C		MAS-G 3/8“-wd
630	G 1/2“	40,0	27	Weichdichtung / Soft Sealing Form C		MAS-G 1/2“-wd
630	R 1/8“ keg	36,0	17	Gewinde / Thread Form D		MAS-R 1/8“-k
630	R 1/4“ keg	36,0	17	Gewinde / Thread Form D		MAS-R 1/4“-k
630	1/8“ NPT	36,0	17	Gewinde / Thread Form D		MAS-1/8“-NPT
630	1/4“ NPT	37,0	17	Gewinde / Thread Form D		MAS-1/4“-NPT
630	3/8“ NPT	40,0	19	Gewinde / Thread Form D		MAS-3/8“-NPT
630	1/2“ NPT	40,0	22	Gewinde / Thread Form D		MAS-1/2“-NPT

Form A



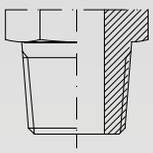
Abdichtung durch Runddichtung (O-Ring) - SAE J 514
Sealing by O-ring in Thread Undercut - SAE J 514

Form C



WD = Abdichtung durch gekammerte Profildichtung - FPM
WD = Sealing by an Elastomer Captive Profiled Ring - FPM

Form D



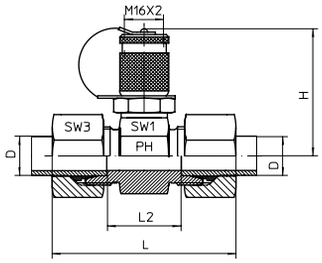
Abdichtung kegelig oder NPT
Sealing by Taper or NPT

GMV - GERADE - MESSVERSCHRAUBUNGEN

GMV - STRAIGHT - TEST POINT - PRESSURE - GAUGE - FITTINGS

Mit Schraubkupplung M 16 x 2
O-Ring - FPM
Lieferung komplett mit Mutter und Schneidring

With Connection M 16 x 2
O-ring - FPM
Delivery complete with Nut and Cutting Ring



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D**	**L**	**L2**	**H**	**SW1**	**SW3**		
315	6	50,5	27,0	49,5	24	14		GMV-L-06
315	8	50,5	27,0	49,5	24	17		GMV-L-08
315	10	52,5	29,0	49,5	24	19		GMV-L-10
315	12	52,5	29,0	49,5	24	22		GMV-L-12
315	15	54,5	29,0	52,5	30	27		GMV-L-15
315	18	56,5	29,0	53,5	32	32		GMV-L-18
160	22	60,5	33,0	55,5	32	36		GMV-L-22
160	28	60,5	33,0	58,0	41	41		GMV-L-28
160	35	68,5	31,0	60,5	46	50		GMV-L-35
160	42	70,5	36,0	65,0	55	60		GMV-L-42

Reihe / Series S

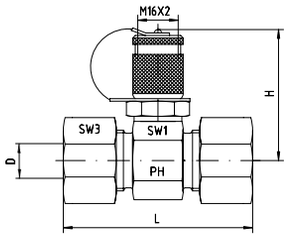
Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D**	**L**	**L2**	**H**	**SW1**	**SW3**		
630	6	54,5	31,0	49,5	24	17		GMV-S-06
630	8	54,5	31,0	49,5	24	19		GMV-S-08
630	10	56,5	30,0	49,5	24	22		GMV-S-10
630	12	56,5	28,0	49,5	24	24		GMV-S-12
630	14	62,5	31,0	51,0	27	27		GMV-S-14
400	16	62,5	30,0	52,5	30	30		GMV-S-16
400	20	68,5	31,0	55,5	32	36		GMV-S-20
400	25	74,5	32,0	58,0	41	46		GMV-S-25
400	30	80,5	33,0	60,5	46	50		GMV-S-30
315	38	91,0	32,0	65,0	55	60		GMV-S-38

GMV - GERADE - MESSVERSCHRAUBUNGEN

GMV - STRAIGHT - TEST POINT - PRESSURE - GAUGE - FITTINGS

Mit Schraubkupplung M 16 x 2
O-Ring - FPM
Lieferung komplett mit Mutter und Schneidring

With Connection M 16 x 2
O-ring - FPM
Delivery complete with Nut and Cutting Ring



Reihe / Series L

Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D	L	H	SW1	SW3		
315	6	50,5	49,5	24	14		GMV-L-06-SC
315	8	50,5	49,5	24	17		GMV-L-08-SC
315	10	52,5	49,5	24	19		GMV-L-10-SC
315	12	52,5	49,5	24	22		GMV-L-12-SC
315	15	54,5	52,5	30	27		GMV-L-15-SC
315	18	56,5	53,5	32	32		GMV-L-18-SC
160	22	60,5	55,5	32	36		GMV-L-22-SC
160	28	60,5	58,0	41	41		GMV-L-28-SC
160	35	68,5	60,5	46	50		GMV-L-35-SC
160	42	70,5	65,0	55	60		GMV-L-42-SC

Reihe / Series S

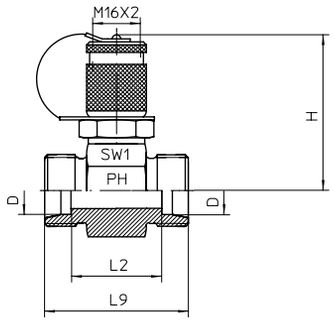
Druck Pressure	Rohr A.D. Tube O.D.	Ca. Maße Approx. Dimensions				Bemerkungen Notes	Bestellzeichen Order-Code
PN	D	L	H	SW1	SW3		
630	6	54,5	49,5	24	17		GMV-S-06-SC
630	8	54,5	49,5	24	19		GMV-S-08-SC
630	10	56,5	49,5	24	22		GMV-S-10-SC
630	12	56,5	49,5	24	24		GMV-S-12-SC
630	14	62,5	51,0	27	27		GMV-S-14-SC
400	16	62,5	52,5	30	30		GMV-S-16-SC
400	20	68,5	55,5	32	36		GMV-S-20-SC
400	25	74,5	58,0	41	46		GMV-S-25-SC
400	30	80,5	60,5	46	50		GMV-S-30-SC
315	38	91,0	65,0	55	60		GMV-S-38-SC

GMV - GERADE - MESSVERSCHRAUBUNGEN

GMV - STRAIGHT - TEST POINT - PRESSURE - GAUGE - FITTINGS

Mit Schraubkupplung M 16 x 2
O-Ring - FPM

With Connection M 16 x 2
O-ring - FPM



Reihe / Series L

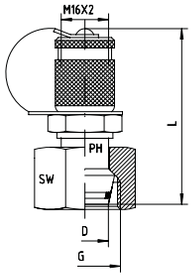
Druck Pressure	Rohr A.D. Tube O.D.					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D**	**L2**	**L9**	**H**	**SW1**		
315	6	27,0	41,0	49,5	24		GMV-L-06-OMD
315	8	27,0	41,0	49,5	24		GMV-L-08-OMD
315	10	29,0	43,0	49,5	24		GMV-L-10-OMD
315	12	29,0	43,0	49,5	24		GMV-L-12-OMD
315	15	29,0	43,0	52,5	30		GMV-L-15-OMD
315	18	29,0	44,0	53,5	32		GMV-L-18-OMD
160	22	33,0	48,0	55,5	32		GMV-L-22-OMD
160	28	33,0	48,0	58,0	41		GMV-L-28-OMD
160	35	31,0	52,0	60,5	46		GMV-L-35-OMD
160	42	36,0	58,0	65,0	55		GMV-L-42-OMD

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.					Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D**	**L2**	**L9**	**H**	**SW1**		
630	6	31,0	45,0	49,5	24		GMV-S-06-OMD
630	8	31,0	45,0	49,5	24		GMV-S-08-OMD
630	10	30,0	45,0	49,5	24		GMV-S-10-OMD
630	12	28,0	43,0	49,5	24		GMV-S-12-OMD
630	14	31,0	47,0	51,0	27		GMV-S-14-OMD
400	16	30,0	47,0	52,5	30		GMV-S-16-OMD
400	20	31,0	52,0	55,5	32		GMV-S-20-OMD
400	25	32,0	56,0	58,0	41		GMV-S-25-OMD
400	30	33,0	60,0	60,5	46		GMV-S-30-OMD
315	38	32,0	64,0	65,0	55		GMV-S-38-OMD

Mit Schraubkupplung M 16 x 2
Anschluss mit Dichtkegel und O-Ring - FPM
Passend in Bohrungsform W DIN 3861
Mit 24°-Konus

With Connection M 16 x 2
Connection with Taper and O-ring - FPM
For Port End W DIN 3861
With 24°-cone



Reihe / Series L

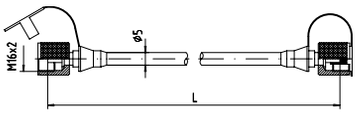
Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D**	**G**	**L**	**SW**		
315	6	M 12 x 1,5	72,0	14		VKA-DKOL-06
315	8	M 14 x 1,5	58,0	17		VKA-DKOL-08
315	10	M 16 x 1,5	58,0	19		VKA-DKOL-10
315	12	M 18 x 1,5	54,0	22		VKA-DKOL-12
315	15	M 22 x 1,5	57,0	27		VKA-DKOL-15
315	18	M 26 x 1,5	59,0	32		VKA-DKOL-18
160	22	M 30 x 2	60,0	36		VKA-DKOL-22
160	28	M 36 x 2	65,0	41		VKA-DKOL-28
160	35	M 45 x 2	70,0	50		VKA-DKOL-35
160	42	M 52 x 2	71,0	60		VKA-DKOL-42

Reihe / Series S

Druck Pressure	Rohr A.D. Tube O.D.	Gewinde Thread	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
PN	**D**	**G**	**L**	**SW**		
630	6	M 14 x 1,5	72,0	17		VKA-DKOS-06
630	8	M 16 x 1,5	58,0	19		VKA-DKOS-08
630	10	M 18 x 1,5	58,0	22		VKA-DKOS-10
630	12	M 20 x 1,5	54,0	24		VKA-DKOS-12
630	14	M 22 x 1,5	70,0	27		VKA-DKOS-14
400	16	M 24 x 1,5	55,0	30		VKA-DKOS-16
400	20	M 30 x 2	64,0	36		VKA-DKOS-20
400	25	M 36 x 2	66,0	46		VKA-DKOS-25
400	30	M 42 x 2	70,0	50		VKA-DKOS-30
315	38	M 52 x 2	72,0	60		VKA-DKOS-38

Mit Schraubkupplung M 16 x 2

With Metric Swivel End M 16 x 2



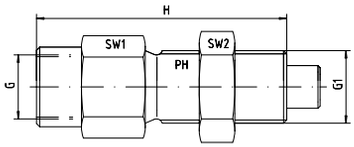
Druck Pressure	Schlauch Hose	Gewinde Thread	Länge Length	Bemerkungen Notes	Bestellzeichen Order-Code
PN	DN		L		
630	02	M 16 x 2	200		SMS-M 16-200
630	02	M 16 x 2	400		SMS-M 16-400
630	02	M 16 x 2	630		SMS-M 16-630
630	02	M 16 x 2	800		SMS-M 16-800
630	02	M 16 x 2	1000		SMS-M 16-1000
630	02	M 16 x 2	1500		SMS-M 16-1500
630	02	M 16 x 2	2000		SMS-M 16-2000
630	02	M 16 x 2	2500		SMS-M 16-2500
630	02	M 16 x 2	3200		SMS-M 16-3200
630	02	M 16 x 2	4000		SMS-M 16-4000

SMA - MANOMETER - MESSANSCHLÜSSE

SMA - GAUGE - TEST - ADAPTORS

Innengewinde - Starr: BSP + NPT
Außengewinde: M 16 x 2
Dichtung: FPM

Female Thread: BSP + NPT
Male Thread: M 16 x 2
Sealing: FPM

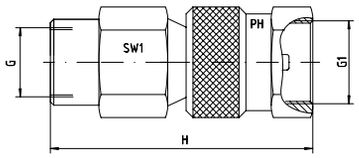


Druck Pressure	Gewinde Thread		Ca. Maße Approx. Dimensions			Bemerkungen Notes	Bestellzeichen Order-Code
PN	**G**	**G1**	**H**	**SW1**	**SW2**		
630	1/4“ BSP	M 16 x 2	40,0	19	24		SMA-20-G 1/4“-V
630	1/2“ BSP	M 16 x 2	50,0	27	24		SMA-20-G 1/2“-V
630	1/4“ NPT	M 16 x 2	50,0	19	19		SMA-20-1/4“-NPT-V
630	1/2“ NPT	M 16 x 2	60,0	27	19		SMA-20-1/2“-NPT-V

SMD - MANOMETER - DIREKTANSCHLÜSSE
SMA - DIRECT - GAUGE - ADAPTORS

Innengewinde - Starr: BSP + NPT
Muttergewinde: M 16 x 2

Female Thread: BSP + NPT
Nut Female Swivel: M 16 x 2



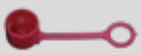
Druck Pressure	**Gewinde** Thread		**Ca. Maße** Approx. Dimensions		**Bemerkungen** Notes	**Bestellzeichen** Order-Code
PN	**G**	**G1**	**H**	**SW1**		
630	1/4“ BSP	M 16 x 2	41,0	19		SMD-20-R 1/4“
630	1/2“ BSP	M 16 x 2	51,0	27		SMD-20-R 1/2“
630	1/4“ NPT	M 16 x 2	41,0	19		SMD-20-1/4“-NPT
630	1/2“ NPT	M 16 x 2	51,0	27		SMD-20-1/2“-NPT

Steckkupplungen und Schraubkupplungen
Push and Pull Couplings and Screw Couplings

15

15

STECKKUPPLUNGEN UND SCHRAUBKUPPLUNGEN
PUSH AND PULL COUPLINGS AND SCREW COUPLINGS

Produktgruppen	Product-Groups	Seite / Page	
Anwendung und Instandhaltung **Wichtige Fragen und Empfehlungen**	**Use and Maintenance** **Important Issues and Suggestions**	15.2-15.5 15.6-15.7	
Steckkupplungen ISO 7241-Form B **Technische Daten /Druckverlust**	**Quick Release Couplings ISO 7241-Form B** **Technical Data / Pressure Drop**	15.8	
Steckkupplungen ISO 7241-Form B	**Quick Release Couplings ISO 7241-Form B**		
Rohrinnengewinde - ISO 228	BSP - Parallel - ISO 228	15.9	
NPT - Innengewinde	NPT - Female	15.10	
Steckkupplungen ISO 7241-1 Form A **Technische Daten /Druckverlust**	**Quick Release Couplings ISO 7241 Form A** **Technical Data / Pressure Drop**	15.11	
Steckkupplungen ISO 7241-1 Form A	**Quick Release Couplings ISO 7241 Form A**		
Rohrinnengewinde - ISO 228	BSP-Parallel - ISO 228	15.12	
Schnellverschluss-Schraubkupplungen ISO 14541 **Technische Daten / Druckverlust**	**Quick Disconnect Screw Couplings ISO 14541** **Technical Data / Pressure Drop**	15.13-15.14	
Schnellverschluss-Schraubkupplungen Typ: SK	**Quick Disconnect Screw Couplings Type: SK**		
Typ: SK - BSP - Zylindrisch	Type: SK - BSP - Parallel	15.15	
Typ: SK - Für lötlose Rohrverschraubungen	Type: SK - For Solderless Connectors	15.16	
Zubehör für Steck- und Schraubkupplungen	**Accessories for Quick Couplings**		
Verschlusskappe für Schraubkupplungen	Dust Cap for Screw Couplings	15.18	
Verschlussstopfen für Schraubkupplungen	Dust Plug for Screw Couplings	15.19	
Verschlusskappe für Steckkupplungen	Dust Cap for Quick Couplings	15.20	
Verschlussstopfen für Steckkupplungen	Dust Plug for Quick Couplings	15.21	
Flat-Face Steckkupplungen ISO 16028 **Technische Daten / Druckverlust**	**Flat-Face Quick Release Couplings ISO 16028** **Technical Data / Pressure Drop**	15.22-15.23	
Flat-Face Steckkupplungen	**Flat-Face Quick Release Couplings**		
Flat-Face Steckkupplungen - Typ: FF - BSP - Zylindrisch	Flat-Face Quick Release Couplings - Type: FF - BSP - Parallel	15.24	
Zubehör für Flat-Face Steckkupplungen	**Accessories for Flat-Face Quick Release Couplings**		
Verschlussstopfen	Dust Plug	15.25	
Verschlusskappe	Dust Cap	15.26	
Hochdruck-Schraubkupplungen **Technische Daten / Druckverlust**	**High Pressure Screw Couplings** **Technical Data / Pressure Drop**	15.27-15.29	
Hochdruck-Schraubkupplungen Typ: HSK	**High Pressure Screw Couplings Type: HSK**		
Hochdruck-Schraubkupplungen - Typ: HSK	High Pressure Screw Couplings - Type: HSK	15.30	
Zubehör für Hochdruck-Schraubkupplungen	**Accessories for High Pressure Screw Couplings**		
Verschlussstopfen	Dust Plug	15.31	
Verschlusskappe	Dust Cap	15.32	

PH-Schnellkupplungen und Schraubkupplungen werden aus Edelstahl 1.4401 / 1.4404 (AISI 316 / 316L) für allgemeine industrielle Anwendungen hergestellt.

Der gesamte Bereich der Abmessungen und Leistungsdaten erstreckt sich von 1/8" (DN 04) bis 2" (DN 51).

> **Maximaler Betriebsdruck:**
Siehe Tabellen der einzelnen Serien auf den jeweiligen Datenblättern.

> **Maximale Betriebstemperatur:**
Siehe Tabellen der einzelnen Serien auf den jeweiligen Datenblättern.

Einsatz

Die geforderte Leistung und Lebensdauer der Schnellkupplungen wird nur dann erreicht, wenn sie unterhalb der maximalen Temperatur- und Druckwerte aus den einzelnen Datenblättern und entsprechend den Tabellen für die chemische Kompatibilität der Werkstoffe mit den verschiedenen Medien verwendet werden.

PH übernimmt keine Haftung für direkte oder mittelbare Schäden, die Personen, Sachen oder Tiere durch eine falsche Verwendung der Produkte erleiden könnten.

Reinigung

Eine Schnellkupplung mit doppeltem Absperrventil kann den Fluss in den Hohlraum des Ventils blockieren, wenn es in der geschlossenen Position gehalten wird. Wenn die Schnellkupplung mit gefährlichen Medien verwendet worden ist, muss sie dekontaminiert werden, bevor mit dem Zerlegen für die Reinigung begonnen wird. Alle Personen, die mit der Wartung von Schnellkupplungen befasst sind, müssen geeignete persönliche Schutzausrüstung, z.B. Handschuhe, Schürzen, Visiere, Helme usw. tragen.

Austausch von Dichtungen

PH-Schnellkupplungen sind mit einem doppelten Dichtungssystem ausgestattet, bei dem eine pressgeformte Dichtung als Kegeldichtung eingesetzt wird. Gegenüber den eher herkömmlichen Systemen, deren Dichtungen nur aus O-Ringen bestehen, zeichnet sich diese Lösung dadurch aus, dass ein Herausdrücken der Dichtung zuverlässig verhindert wird und weniger Verschleiß an den einzelnen Komponenten auftritt, wodurch die Dichtung eine längere Lebensdauer erreicht. Der Ventilkörper ist im Inneren der Kupplung mit einem kleinen elastischen Ring (aus Edelstahl 1.4401 / 1.4404 (AISI 316 / 316L)) befestigt, der mit einem speziellen Verschlusswerkzeug angezogen wird.
Wegen der besonderen Eigenschaften der Ventilkörper und Dichtungen empfehlen wir Ihnen, sich direkt an unseren technischen Kundendienst zu richten, der alle beschädigten Komponenten prüft und ggf. austauscht bzw. gegen Kostenvoranschlag repariert.

PH haftet nicht für Kupplungen, an denen Dritte Eingriffe oder Reparaturen vorgenommen haben.

Installation

- Nehmen Sie die Schutzabdeckungen aus Kunststoff von den Gewinden erst ab, wenn die Kupplung zur Installation bereit ist. So wird verhindert, dass Fremdkörper in die Gewinde und Kupplungen gelangen.

- Verwenden Sie empfohlene Schmiermittel für Gewinde (wie z.B. PH Paste 810 oder High Tech Paste ASW; siehe Rubrik 12) bei der Montage von Verbindungsarten zur Kupplung.

- Montieren Sie die fixierten Kupplungen mit einem geeigneten Werkzeug.

- Nehmen Sie niemals Montagearbeiten oder Änderungen an Schnellkupplungen vor, solange diese unter Druck stehen.

Konservierung

Die Kupplungen werden in einer geeigneten Verpackung geliefert, um sie vor Schäden auf dem Transportweg zu schützen. Falls die Kupplungen nicht innerhalb kürzerer Zeit nach der Lieferung verwendet werden, wird empfohlen, sie in einem gut belüfteten Raum zu lagern. Lagern Sie die Kupplungen nicht in der Nähe von Wärmequellen oder an Stellen, wo höhere Konzentrationen scheuernder Stäube vorkommen. Achten Sie darauf, dass die Schutzabdeckungen aus Kunststoff niemals abgenommen werden.

Lagern Sie Kupplungen nicht im gekuppelten Zustand (Muffe mit Stecker).

Alle Bauteile müssen grundsätzlich im ungekuppelten Zustand gelagert werden.

PH Quick Release and Screw couplings are manufactured in
Stainless Steel 1.4401 / 1.4404 (AISI 316 / 316L) for industrial applications in general.

The complete range of dimensions and performances includes
from 1/8" (DN 04) up to 2" (DN 50).

> Maximum Operative Pressure:
See the tables of every series in its relative technical data sheet.

> Maximum Operative Temperature:
See the tables of every series in its relative technical data sheet.

Use

The requested performances and the maximum life of the Quick Couplings are obtained only if they are used between the maximum temperature and pressure values as you can see in the single technical data sheet, and according to the chemical compatibility materials tables, based on the operative media.

PH declines every liability in reference to direct or un-direct damages which could affect people, things or animals due to a wrong use of products.

Cleaning

A double shut-off valve Quick Coupling could block the flow into the valve hollow when it is held in closing position. If the Quick Coupling has been
used with dangerous media it must be decontaminated before starting
the disassembly for cleaning. All people involved in the Quick Coupling
maintenance works must dress proper security systems like gloves, aprons, steam faceplates, helmets, etc..

Replacement of Seals

PH Quick Couplings are designed and built with a double seal system,
which provides the use of a pressed seal on the poppet sealing.
With respect to the more traditional systems, whose seals are made
by O-Rings only, this solution guarantees an absolute anti-extrusion system,
a less wear of single components which means a more duration of the seal.
The valve body is fixed inside the coupling through a small elastic ring
(made of 1.4401 / 1.4404 (AISI 316 / 316L) Stainless Steel) which is blocked by a special closing tool. Due to the particular features of the valve bodies and seals, we recommend you to contact directly our technical staff, which provides possibilities
to change all the damaged components on request against repair charges.

PH declines every responsibility to the couplings which are repaired or touched by third parties.

Installation

- Remove all the plastic protections of the threaded ends only when the coupling is ready for instrallation. It prevents the threads and couplings from every entrance of external bodies.

- Use recommended lubricants on the threads (for example use PH Paste 810 or High Tech Paste ASW; see category 12) for the assembly of any connector.

- Block the couplings with a proper tool, acting on the hexagonal side.

- Never perform actions of assembly or modifications to the Quick Couplings when they are under pressure.

Conservation

The Couplings are delivered in a proper package to protect them by every risk or damage during the transportation. If the couplings are not used in a short period after the delivery, it is recommended to store them in a well aerated and lift place. Do not store the couplings close to heat sources or places with a big concentration of abrasive dust and be sure that plastic protections are never removed.

Do not store shut-off couplings assembled (male + female).

All bodies must be always stored not coupled.

Wichtige Hinweise...

A.

Achten Sie beim Verbinden und Trennen der beiden Kupplungselemente auf die axiale Ausrichtung.

B.

Nutzen Sie Kupplungen niemals als Drehgelenk.

C.

Installieren Sie die Kupplungen niemals in Systemen, in denen Temperaturen auftreten, die den maximalen Temperaturbereich über- bzw. unterschreiten.

D.

Schmieren Sie die Kupplungsgehäuse regelmäßig mit einem geeigneten Schmiermittel (wie z.B. PH Paste 810 oder High Tech Paste ASW 040 P; siehe Rubrik 12), das für den Kontakt mit dem Betriebsmedium geeignet ist.

E.

Drehen Sie die Kupplung niemals in das Gegenstück, wenn das System unter Druck steht.

F.

Montieren Sie keine Bauteile in oder an die gekuppelten Verbindungen.

G.

Fixieren Sie die direkt mit den Kupplungen verbundenen Leitungen oder andere Einrichtungen, um Belastungen in radialer Richtung zu vermeiden.

H.

Verwenden Sie geeignete Schutzmaßnahmen oder Staubschutzelemente, wenn einzelne Komponenten nicht verbunden sind.

I.

Installieren Sie Filter im Kreislauf des Systems. Die Filter müssen regelmäßig gewartet werden, bevor die Kupplungen installiert werden.

J.

PH haftet nicht für Schäden, Unfälle oder andere unerwartete Folgen durch einen nicht sachgemäßen Einsatz der Kupplungen. PH haftet ebenfalls nicht für Schäden, die von Personen verursacht werden, die keine Befugnis zur Arbeit am System haben. PH haftet nicht für die Nichtbeachtung von Anweisungen und Verfahren im Anwendungsfeld der Kupplungen.

You have...

A.

to axially line the male and female valves during the coupling action and release action.

B.

to never use the couplings as rotating joint.

C.

to never install the couplings in systems with a major or less temperature than the maximum tolerance expected.

D.

to periodically lubricate the coupling bodies with proper lubricants (for example use PH Paste 810 or High Tech Paste ASW 040 P; see category 12), suitable for contact with the operative media.

E.

to never rotate the male body into the female one, when the system is under pressure.

F.

to not insert external parts additionally to the male or female bodies when they are coupled.

G.

to relevantly support the pipelines or other devices directly connected to the coupling, in order to avoid a radial excessive load.

H.

to use proper protections or anti-dust caps when single components are not coupled.

I.

to install filters on the system flow-line. The filters have to be maintained periodically before installing the couplings.

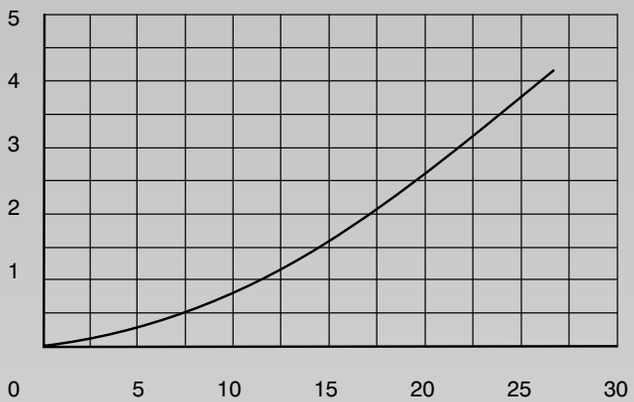
J.

PH will never be responsible for damages, accidents or every not expected consequences related with a not proper use of Couplings.
PH at the same time is not responsible for damages caused by people who are not allowed to work with the system. PH will not be liable for the not observance (even partial) of instructions and procedures included into the couplings use and maintenance manual.

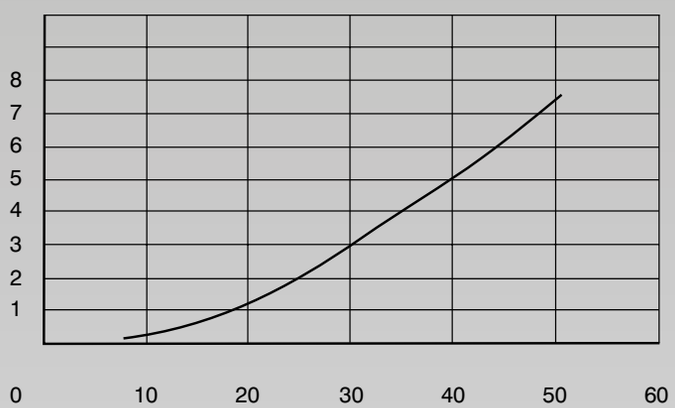
TECHNISCHE DATEN / DRUCKVERLUST - STECKKUPPLUNGEN - ISO- 7241-FORM B

TECHNICAL DATA / PRESSURE DROP - QUICK RELEASE COUPLINGS - ISO-7241-FORM B

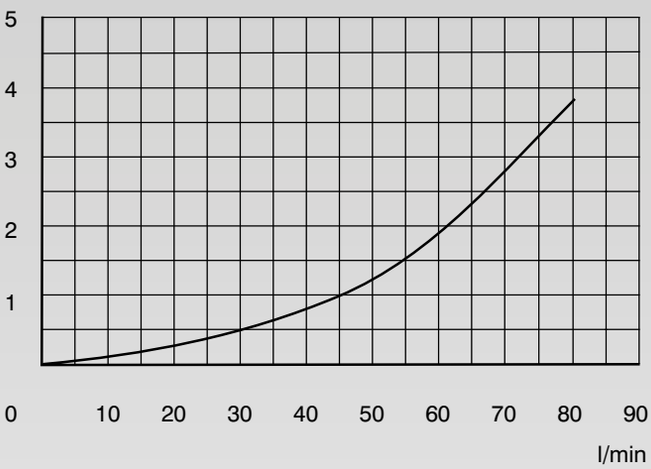
Δp bar Größe / Size 1/4"



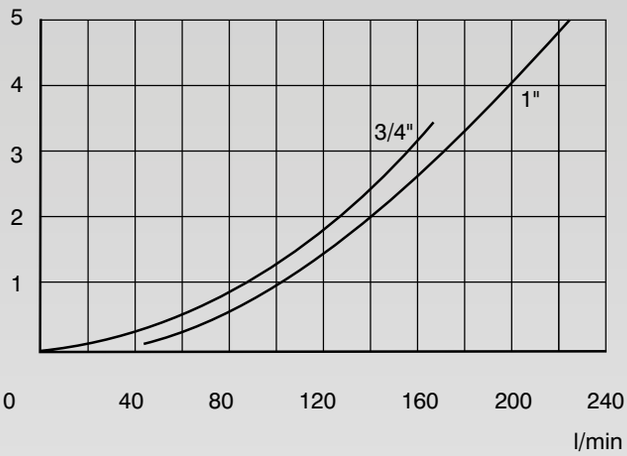
Δp bar Größe / Size 3/8"



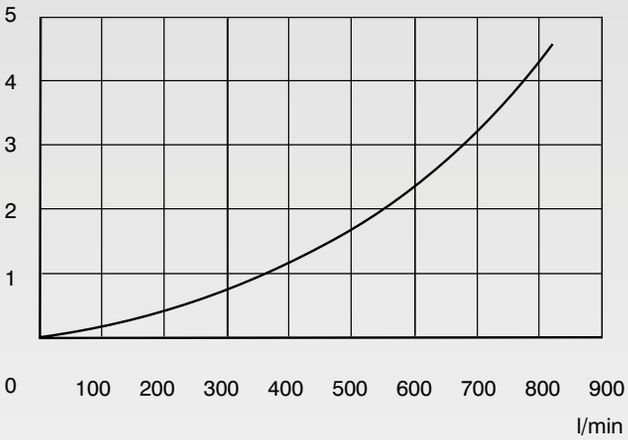
Δp bar Größe / Size 1/2"



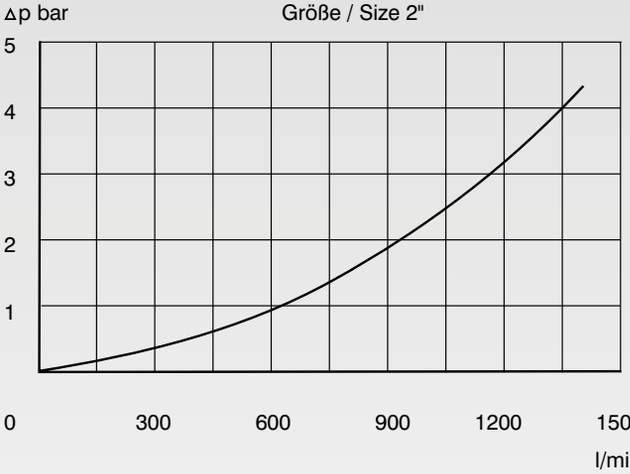
Δp bar Größe / Size 3/4" + 1"



Δp bar Größe / Size 1 1/4" + 1 1/2"

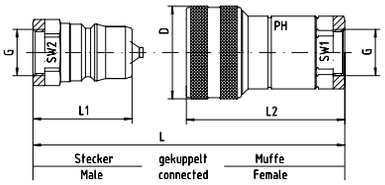


Δp bar Größe / Size 2"



ISO 7241-Form B
Komplett hergestellt aus Edelstahl
mit FPM-Dichtungen und PTFE-Stützringen
Rohrinnengewinde DIN / ISO 228
Diese Kupplungen sind austauschbar
mit ISO 7241- Form B.

ISO 7241-Form B
Completely made in AISI 316 Stainless Steel,
FPM Seals and PTFE "bk" Rings
BSPP - Female Thread DIN / ISO 228
They are interchangeable with ISO 7241-Form B



Reihe / Series Muffe / Female

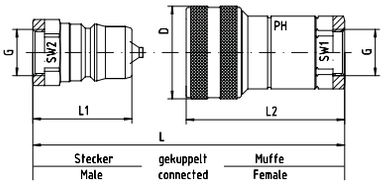
Druck Pressure	ISO-Größe ISO-Size	Gewinde Thread	Ca. Maße Approx. Dimensions						Durchflußmenge Flow Rate	Bestellzeichen Order-Code
PN	DN	G = BSP	D	L	L1	L2	SW1	SW2	l/min.	
300	5,0	1/8"	24,0	62,0		50,0	14		6	SV-Mu-G 1/8"
300	6,3	1/4"	28,0	74,5		58,5	19		12	SV-Mu-G 1/4"
250	10,0	3/8"	35,0	78,5		64,0	24		23	SV-Mu-G 3/8"
250	12,5	1/2"	42,0	91,5		73,0	30		45	SV-Mu-G 1/2"
250	20,0	3/4"	52,0	107,5		87,5	36		105	SV-Mu-G 3/4"
200	25,0	1"	60,0	126,5		103,0	41		185	SV-Mu-G 1"
140	40,0	1 1/4"	75,0	198,0		126,0	65		370	SV-Mu-G 1 1/4"
140	40,0	1 1/2"	75,0	199,0		126,0	65		370	SV-Mu-G 1 1/2"
90	50,0	2"	105,0	222,0		142,0	90		750	SV-Mu-G 2"

Reihe / Series Stecker / Male

Druck Pressure	ISO-Größe ISO-Size	Gewinde Thread	Ca. Maße Approx. Dimensions						Durchflußmenge Flow Rate	Bestellzeichen Order-Code
PN	DN	G = BSP	D	L	L1	L2	SW1	SW2	l/min.	
300	5,0	1/8"		62,0	31,0			14	6	SV-St-G 1/8"
300	6,3	1/4"		74,5	37,0			19	12	SV-St-G 1/4"
250	10,0	3/8"		78,5	39,0			22	23	SV-St-G 3/8"
250	12,5	1/2"		91,5	45,5			27	45	SV-St-G 1/2"
250	20,0	3/4"		107,5	54,0			36	105	SV-St-G 3/4"
200	25,0	1"		126,5	63,0			41	185	SV-St-G 1"
140	40,0	1 1/4"		198,0	126,0			65	370	SV-St-G 1 1/4"
140	40,0	1 1/2"		199,0	126,0			65	370	SV-St-G 1 1/2"
90	50,0	2"		222,0	142,0			90	750	SV-St-G 2"

ISO 7241-Form B
Komplett hergestellt aus Edelstahl
mit FPM-Dichtungen und PTFE-Stützringen
Rohrinnengewinde DIN / ISO 228
Diese Kupplungen sind austauschbar
mit ISO 7241- Form B.

ISO 7241-Form B
Completely made in AISI 316 Stainless Steel,
FPM Seals and PTFE "bk" Rings
BSPP - Female Thread DIN / ISO 228
They are interchangeable with ISO 7241-Form B



Reihe / Series Muffe / Female

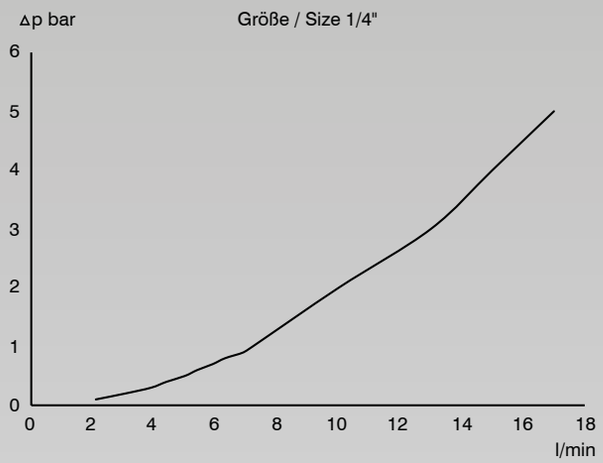
Druck Pressure	ISO-Größe ISO-Size	Gewinde Thread	Ca. Maße Approx. Dimensions						Durchflußmenge Flow Rate	Bestellzeichen Order-Code
PN	**DN**	**G = NPT**	**D**	**L**	**L1**	**L2**	**SW1**	**SW2**	**l/min.**	
300	5,0	1/8"	24,0	62,0		50,0	14		6	SV-Mu-NPT-1/8"
300	6,3	1/4"	28,0	74,5		58,5	19		12	SV-Mu-NPT-1/4"
250	10,0	3/8"	35,0	78,5		64,0	24		23	SV-Mu-NPT-3/8"
250	12,5	1/2"	42,0	91,5		73,0	30		45	SV-Mu-NPT-1/2"
250	20,0	3/4"	52,0	107,5		87,5	36		105	SV-Mu-NPT-3/4"
200	25,0	1"	60,0	126,5		103,0	41		185	SV-Mu-NPT-1"
140	40,0	1 1/4"	75,0	198,0		126,0	65		370	SV-Mu-NPT-1 1/4"
140	40,0	1 1/2"	75,0	199,0		126,0	65		370	SV-Mu-NPT-1 1/2"
90	50,0	2"	105,0	222,0		142,0	90		750	SV-Mu-NPT-2"

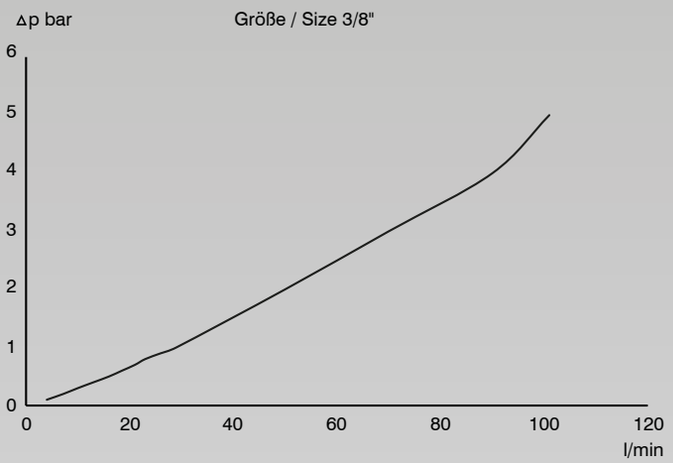
Reihe / Series Stecker / Male

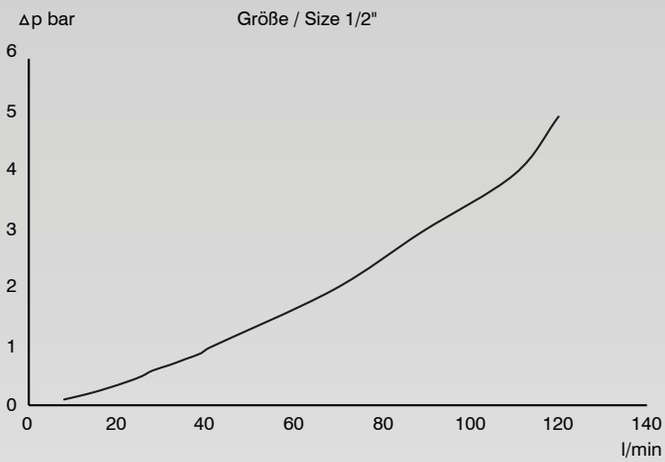
Druck Pressure	ISO-Größe ISO-Size	Gewinde Thread	Ca. Maße Approx. Dimensions						Durchflußmenge Flow Rate	Bestellzeichen Order-Code
PN	**DN**	**G = NPT**	**D**	**L**	**L1**	**L2**	**SW1**	**SW2**	**l/min.**	
300	5,0	1/8"		62,0	31,0			14	6	SV-St-NPT-1/8"
300	6,3	1/4"		74,5	37,0			19	12	SV-St-NPT-1/4"
250	10,0	3/8"		78,5	39,0			22	23	SV-St-NPT-3/8"
250	12,5	1/2"		91,5	45,5			27	45	SV-St-NPT-1/2"
250	20,0	3/4"		107,5	54,0			36	105	SV-St-NPT-3/4"
200	25,0	1"		126,5	63,0			41	185	SV-St-NPT-1"
140	40,0	1 1/4"		198,0	126,0			65	370	SV-St-NPT-1 1/4"
140	40,0	1 1/2"		199,0	126,0			65	370	SV-St-NPT-1 1/2"
90	50,0	2"		222,0	142,0			90	750	SV-St-NPT-2"

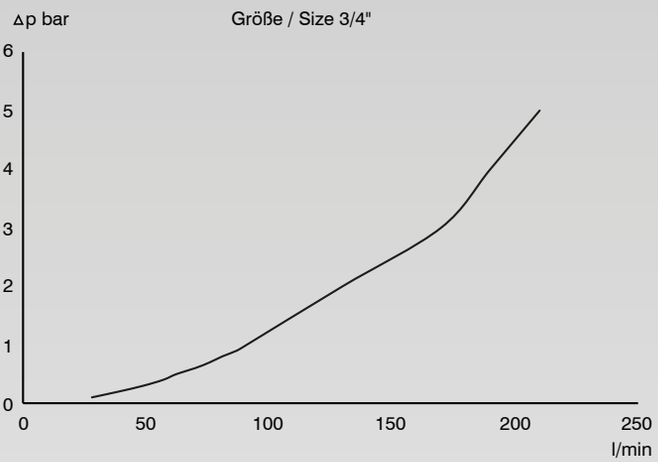
TECHNISCHE DATEN / DRUCKVERLUST - STECKKUPPLUNGEN - ISO 7241-1 - FORM A

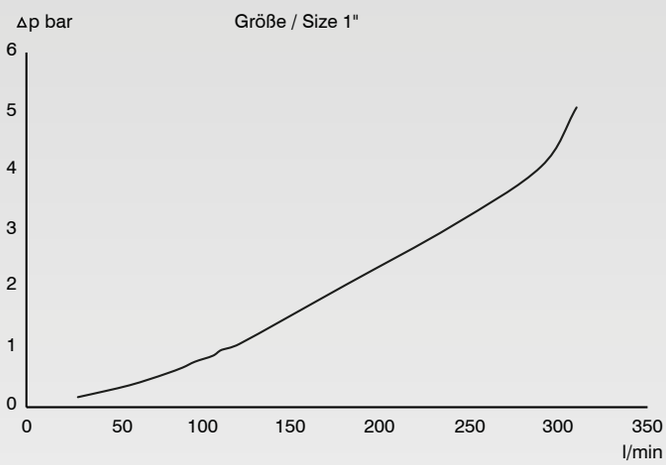
TECHNICAL DATA / PRESSURE DROP - QUICK RELEASE COUPLINGS - ISO 7241 - FORM A





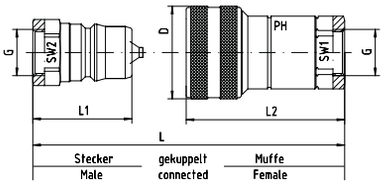






ISO 7241-1 - Form A
Komplett hergestellt aus Edelstahl
mit FPM-Dichtungen und PTFE-Stützringen
Rohrinnengewinde DIN / ISO 228

ISO 7241-1 - Form A
Completely made in AISI 316 Stainless Steel,
FPM Seals and PTFE "bk" Rings
BSPP - Female Thread DIN / ISO 228



Reihe / Series Muffe / Female

Druck Pressure	ISO-Größe ISO-Size	Gewinde Thread	Ca. Maße Approx. Dimensions						Durchflußmenge Flow Rate	Bestellzeichen Order-Code
PN	**DN**	**G = BSP**	**D**	**L**	**L1**	**L2**	**SW1**	**SW2**	**l/min.**	
300	6,3	1/4"	26,0	71,5		50,5	19		10	SV-Mu-G 1/4"-ISO-A
250	10,0	3/8"	30,0	79,5		57,0	22		23	SV-Mu-G 3/8"-ISO-A
250	12,5	1/2"	38,0	93,0		70,0	27		45	SV-Mu-G 1/2"-ISO-A
250	20,0	3/4"	48,0	107,0		81,0	34		106	SV-Mu-G 3/4"-ISO-A
200	25,0	1"	54,0	125,5		96,0	38		189	SV-Mu-G 1"-ISO-A

Reihe / Series Stecker / Male

Druck Pressure	ISO-Größe ISO-Size	Gewinde Thread	Ca. Maße Approx. Dimensions						Durchflußmenge Flow Rate	Bestellzeichen Order-Code
PN	**DN**	**G = BSP**	**D**	**L**	**L1**	**L2**	**SW1**	**SW2**	**l/min.**	
300	6,3	1/4"		71,5	35,5			19	10	SV-St-G 1/4"-ISO-A
250	10,0	3/8"		79,5	40,0			22	23	SV-St-G 3/8"-ISO-A
250	12,5	1/2"		93,0	45,5			27	45	SV-St-G 1/2"-ISO-A
250	20,0	3/4"		107,0	53,5			32	106	SV-St-G 3/4"-ISO-A
200	25,0	1"		125,5	63,0			41	189	SV-St- G 1"-ISO-A

TECHNISCHE DATEN - SCHNELLVERSCHLUSS-SCHRAUBKUPPLUNGEN

TECHNICAL DATA - QUICK DISCONNECT SCREW COUPLINGS

Schnellverschluss-Schraubkupplungen sperren beidseitig ab. Die Verbindung von Kupplungsmuffe und Kupplungsstecker erfolgt durch Verschraubung mit der Handmutter. Beim Kupplungsvorgang ist der Ventilraum bereits abgedichtet bevor die Ventile sich öffnen. Beim Entkuppeln noch geschlossen bevor die Verbindung getrennt werden kann. Das Kuppeln unter Druck stehender Kupplungshälften ist nicht zulässig, da sonst die Ventileinheiten beschädigt werden.

- Sicher gegen Druckstöße und Druckschwingungen
- Strömungsgünstige Ausbildung des Durchflussbereiches

Quick Release Screw Couplings shut off on both parts.
The connection of male and female part arises in screwing the hand nut. During the coupling process the outlet is tight before the opening of the valve. By dismantling the coupling the valves are closed before the disconnection of both parts. To safe the function of the valve parts the connection process under pressure is not allowed.

- Secure against pressure impulses
- Current favorable formation of the flow range

Technische Daten (Standardausführung)

Werkstoff: 1.4401 (AISI 316), Dichtungen aus FPM, Stützring aus PTFE

Verwendbarkeit: Hydraulikflüssigkeiten auf Mineralöl- und Glycolbasis, Luft und Wasser mit Korrisionsschutz

Temperaturbereich: -20°C bis +200°C
Standard: ISO 14541 (DN 6 → DN 20)

Technical Data (Standard Version)

Material: 1.4401 (AISI 316), Sealings from FPM, Back-up Ring from PTFE

Utilization: Hydraulic fluids on mineral oil and glycol base, air and water with corrosion protection

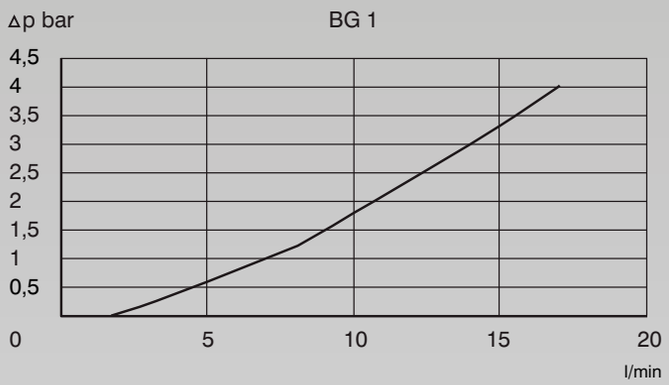
Temperature Range: -20°C to +200°C
Standard: ISO 14541 (DN 6 → DN 20)

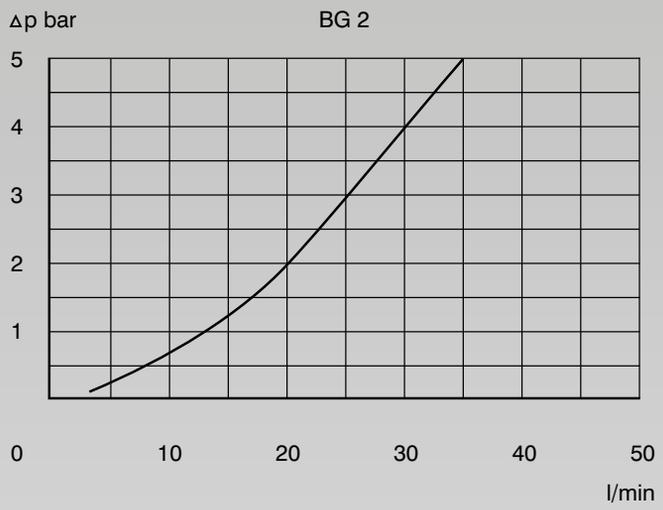
		Nenndruck - PN Pressure - PN			
			Kupplung getrennt Coupling separate		
ISO-Größe ISO-Size **DN**	**Durchflussmenge** Flow Rate **L/min**	**Kupplung gekuppelt** Coupling connected **bar**	**Kupplungs-Muffe** Coupling - Female **bar**	**Kupplungs-Stecker** Coupling - Male **bar**	**Baugröße** Size
6,3	12	300	300	300	1
10,0	23	300	300	300	2
12,5	45	250	250	250	3
20,0	106	200	200	200	4
25,0	189	150	150	150	6
40,0	375	150	150	150	8

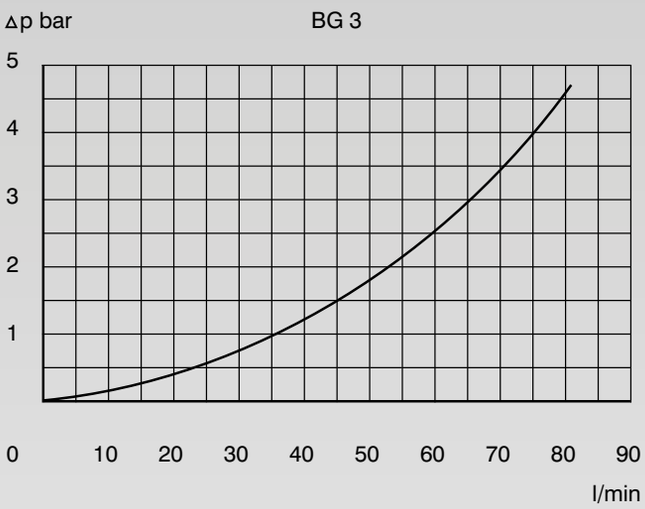
TECHNISCHE DATEN / DRUCKVERLUST SCHNELLVERSCHLUSS-SCHRAUBKUPPLUNGEN

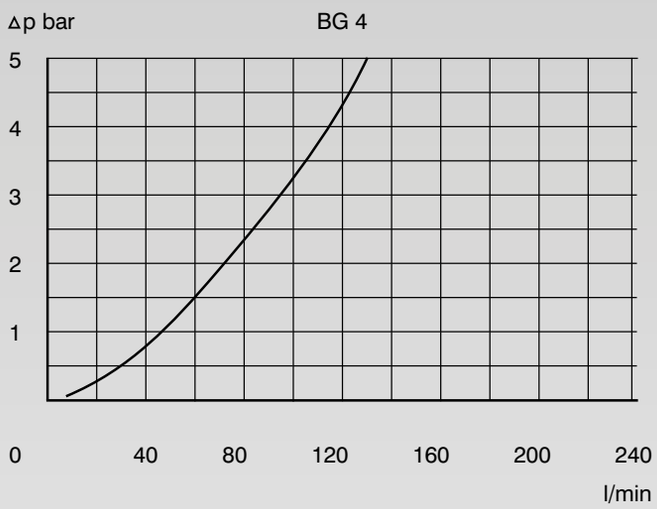
TECHNICAL DATA / PRESSURE DROP - QUICK DISCONNECT SCREW COUPLINGS

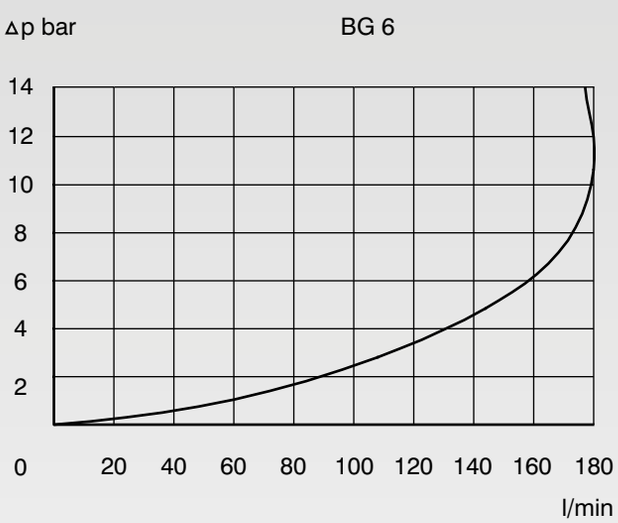
Durchflussmenge DN 6 bis DN 20 (BG 1 bis BG 4) sind gem. ISO 14541
Durchflussmenge DN 25 bis DN 40 (BG 6 und BG 8) sind gem. ISO 7241-1
Nominal flow rate DN 6 to DN 20 (BG 1 to BG 4) are compliance to ISO 14541
Nominal flow rate DN 25 to DN 40 (BG 6 and BG 8) are compliance to ISO 7241-1

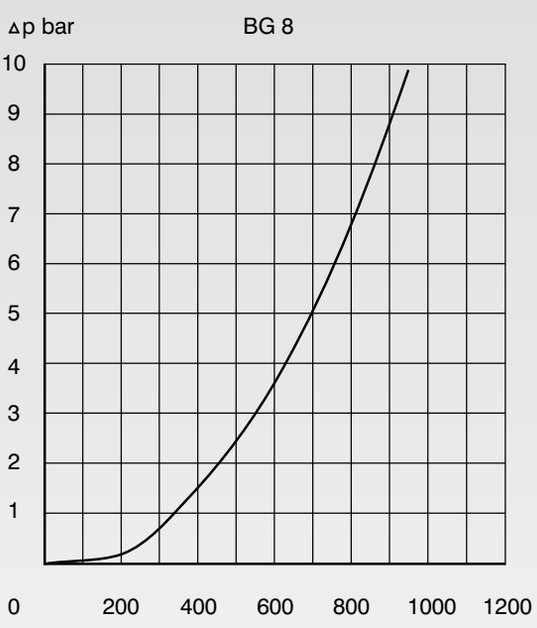










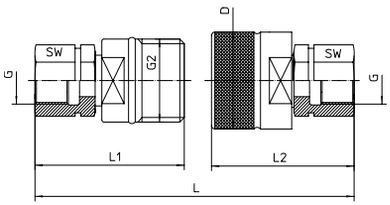


SCHNELLVERSCHLUSS - SCHRAUBKUPPLUNGEN - TYP: SK

QUICK - DISCONNECT - SCREW - COUPLINGS - TYPE: SK

Anschluss-Innengewinde: BSP - Zylindrisch
DIN / ISO 228

Female Thread: BSP - Parallel
DIN / ISO 228



Reihe / Series Muffe / Female

Baugröße Size	ISO-Größe ISO-Size	Gewinde Thread		Ca. Maße Approx. Dimensions					Bemerkungen Notes	Bestellzeichen Order-Code
	DN	G = BSP	G2	D	L	L1	L2	SW		
1	6,3	G 1/4"	24 x 2		92,0	59,0		19		SKM-1-G 1/4"
2	10,0	G 3/8"	28 x 2		98,0	64,0		22		SKM-2-G 3/8"
3	12,5	G 1/2"	36 x 2		102,0	67,0		30		SKM-3-G 1/2"
4	20,0	G 3/4"	42 x 2		123,0	81,5		36		SKM-4-G 3/4"
6	25,0	G 1"	48 x 3		144,0	97,0		41		SKM-6-G 1"
8	40,0	G 1 1/2"	70 x 3		189,0	116,0		60		SKM-8-G 1 1/2"

Reihe / Series Stecker / Male

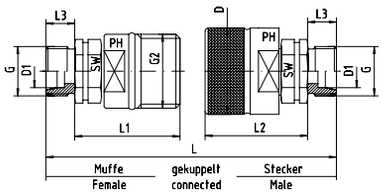
Baugröße Size	ISO-Größe ISO-Size	Gewinde Thread		Ca. Maße Approx. Dimensions					Bestellzeichen Order-Code
	DN	G = BSP	G2	D	L	L1	L2	SW	
1	6,3	G 1/4"	24 x 2	30,0	92,0		58,0	19	SKS-1-G 1/4"
2	10,0	G 3/8"	28 x 2	35,0	98,0		61,0	22	SKS-2-G 3/8"
3	12,5	G 1/2"	36 x 2	42,0	102,0		63,5	30	SKS-3-G 1/2"
4	20,0	G 3/4"	42 x 2	48,0	123,0		73,5	36	SKS-4-G 3/4"
6	25,0	G 1"	48 x 3	55,0	144,0		82,5	41	SKS-6-G 1"
8	40,0	G 1 1/2"	70 x 3	80,0	189,0		121,0	60	SKS-8-G 1 1/2"

SCHNELLVERSCHLUSS - SCHRAUBKUPPLUNGEN - TYP: SK

QUICK - DISCONNECT - SCREW - COUPLINGS - TYPE: SK

Anschluss für lötlose Rohrverschraubungen
DIN 2353 / DIN EN ISO 8434-1

Fittings for Solderless Connectors
DIN 2353 / DIN EN ISO 8434-1



Reihe / Series L - Muffe / Female

Baugröße Size	ISO-Größe ISO-Size	Gewinde Thread		Ca. Maße Approx. Dimensions							Bestellzeichen Order-Code
	DN	G	G2	D	D1	L	L1	L2	L3	SW	
1	6,3	M 12 x 1,5	24 x 2		6,0				10,0	19	SKM-1-06-L
2	10,0	M 14 x 1,5	28 x 2		8,0	102,0	56,0		10,0	22	SKM-2-08-L
2	10,0	M 16 x 1,5	28 x 2		10,0	104,0	56,0		11,0	22	SKM-2-10-L
3	12,5	M 18 x 1,5	36 x 2		12,0	99,0	54,5		11,0	30	SKM-3-12-L
3	12,5	M 22 x 1,5	36 x 2		15,0	101,0	54,5		12,0	30	SKM-3-15-L
4	20,0	M 26 x 1,5	42 x 2		18,0				12,0	36	SKM-4-18-L
6	25,0	M 30 x 2	48 x 3		22,0	137,0	79,5		14,0	41	SKM-6-22-L
6	25,0	M 36 x 2	48 x 3		28,0				14,0	41	SKM-6-28-L
8	40,0	M 45 x 2	70 x 3		35,0				16,0	55	SKM-8-35-L
8	40,0	M 52 x 2	70 x 3		42,0				16,0	55	SKM-8-42-L

Reihe / Series L - Stecker / Male

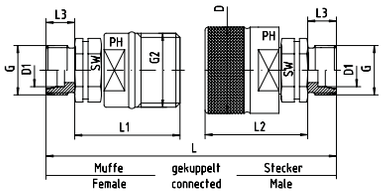
Baugröße Size	ISO-Größe ISO-Size	Gewinde Thread		Ca. Maße Approx. Dimensions							Bestellzeichen Order-Code
	DN	G	G2	D	D1	L	L1	L2	L3	SW	
1	6,3	M 12 x 1,5	24 x 2	30,0	6,0				10,0	19	SKS-1-06-L
2	10,0	M 14 x 1,5	28 x 2	35,0	8,0	102,0		53,0	10,0	22	SKS-2-08-L
2	10,0	M 16 x 1,5	28 x 2	35,0	10,0	104,0		53,0	11,0	22	SKS-2-10-L
3	12,5	M 18 x 1,5	36 x 2	42,0	12,0	99,0		51,0	11,0	30	SKS-3-12-L
3	12,5	M 22 x 1,5	36 x 2	42,0	15,0	101,0		51,0	12,0	30	SKS-3-15-L
4	20,0	M 26 x 1,5	42 x 2	48,0	18,0				12,0	36	SKS-4-18-L
6	25,0	M 30 x 2	48 x 3	55,0	22,0	137,0		65,0	14,0	41	SKS-6-22-L
6	25,0	M 36 x 2	48 x 3	55,0	28,0				14,0	41	SKS-6-28-L
8	40,0	M 45 x 2	70 x 3	80,0	35,0				16,0	55	SKS-8-35-L
8	40,0	M 52 x 2	70 x 3	80,0	42,0				16,0	55	SKS-8-42-L

SCHNELLVERSCHLUSS-SCHRAUBKUPPLUNGEN - TYP: SK

QUICK - DISCONNECT - SCREW - COUPLINGS - TYPE: SK

Anschluss für lötlose Rohrverschraubungen
DIN 2353 / DIN EN ISO 8434-1

Fittings for Solderless Connectors
DIN 2353 / DIN EN ISO 8434-1



Reihe / Series S - Muffe / Female

Baugröße Size	ISO-Größe ISO-Size	Gewinde Thread		Ca. Maße Approx. Dimensions							Bestellzeichen Order-Code
	DN	G	G2	D	D1	L	L1	L2	L3	SW	
1	6,3	M 16 x 1,5	24 x 2		8,0				12,0	19	SKM-1-08-S
2	10,0	M 18 x 1,5	28 x 2		10,0	100,0	53,0		12,0	27	SKM-2-10-S
2	10,0	M 20 x 1,5	28 x 2		12,0	100,0	53,0		12,0	27	SKM-2-12-S
3	12,5	M 22 x 1,5	36 x 2		14,0				14,0	30	SKM-3-14-S
3	12,5	M 24 x 1,5	36 x 2		16,0	105,0	54,5		14,0	30	SKM-3-16-S
4	20,0	M 30 x 2	42 x 2		20,0	125,0	66,5		16,0	36	SKM-4-20-S
6	25,0	M 36 x 2	48 x 3		25,0	145,0	79,5		18,0	41	SKM-6-25-S
8	40,0	M 42 x 2	70 x 3		30,0				20,0	55	SKM-8-30-S
8	40,0	M 52 x 2	70 x 3		38,0				22,0	55	SKM-8-38-S

Reihe / Series S - Stecker / Male

Baugröße Size	ISO-Größe ISO-Size	Gewinde Thread		Ca. Maße Approx. Dimensions							Bestellzeichen Order-Code
	DN	G	G2	D	D1	L	L1	L2	L3	SW	
1	6,3	M 16 x 1,5	24 x 2	30,0	8,0				12,0	19	SKS-1-08-S
2	10,0	M 18 x 1,5	28 x 2	35,0	10,0	100,0		50,0	12,0	27	SKS-2-10-S
2	10,0	M 20 x 1,5	28 x 2	35,0	12,0	100,0		50,0	12,0	27	SKS-2-12-S
3	12,5	M 22 x 1,5	36 x 2	42,0	14,0				14,0	30	SKS-3-14-S
3	12,5	M 24 x 1,5	36 x 2	42,0	16,0	105,0		51,0	14,0	30	SKS-3-16-S
4	20,0	M 30 x 2	42 x 2	48,0	20,0	125,0		58,5	16,0	36	SKS-4-20-S
6	25,0	M 36 x 2	48 x 3	55,0	25,0	145,0		65,0	18,0	41	SKS-6-25-S
8	40,0	M 42 x 2	70 x 3	80,0	30,0				20,0	55	SKS-8-30-S
8	40,0	M 52 x 2	70 x 3	80,0	38,0				22,0	55	SKS-8-38-S

Staubschutz für Schnellverschluss-Schraubkupplungen
Verschlusskappe - Kunststoff - für Muffe

Dust Protection for Quick Screw Couplings
Dust Cap - Plastic - for Female

Baugröße Size	**Ca. Maße** Approx. Dimensions	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
	G		
1	24 x 2		SS-SKM-1
2	28 x 2		SS-SKM-2
3	36 x 2		SS-SKM-3
4	42 x 2		SS-SKM-4
6	48 x 3		SS-SKM-6
8	70 x 3		SS-SKM-8

Staubschutz für Schnellverschluss-Schraubkupplungen
Verschlussstopfen - Kunststoff - für Stecker

Dust Protection for Quick Screw Couplings
Dust Plug - Plastic - for Male

Baugröße Size	**Ca. Maße** Approx. Dimensions	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
	G		
1	24 x 2		SS-SKS-1
2	28 x 2		SS-SKS-2
3	36 x 2		SS-SKS-3
4	42 x 2		SS-SKS-4
6	48 x 3		SS-SKS-6
8	70 x 3		SS-SKS-8

Staubschutz für Schnellverschluss-Steckkupplungen
Verschlusskappe - Kunststoff - für Stecker

Dust Protection for Quick Release Couplings
Dust Cap - Plastic - for Male

Kupplungsgröße Coupling Size	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
1/8"		SS-St-1/8"
1/4"		SS-St-1/4"
3/8"		SS-St-3/8"
1/2"		SS-St-1/2"
3/4"		SS-St-3/4"
1"		SS-St-1"
1 1/4"		SS-St-1 1/4"
1 1/2"		SS-St-1 1/2"
2"		SS-St-2"

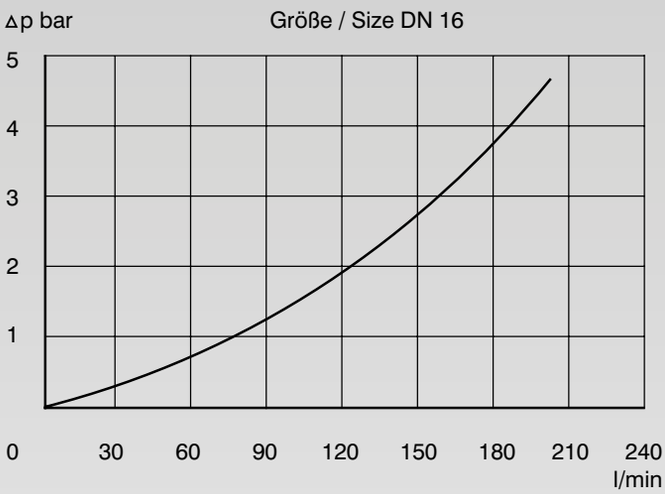
Staubschutz für Schnellverschluss-Steckkupplungen
Verschlussstopfen - Kunststoff - für Muffe

Dust Protection for Quick Release Couplings
Dust Plug - Plastic - for Female

Kupplungsgröße Coupling Size	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
1/8"		SS-Mu-1/8"
1/4"		SS-Mu-1/4"
3/8"		SS-Mu-3/8"
1/2"		SS-Mu-1/2"
3/4"		SS-Mu-3/4"
1"		SS-Mu-1"
1 1/4"		SS-Mu-1 1/4"
1 1/2"		SS-Mu-1 1/2"
2"		SS-Mu-2"

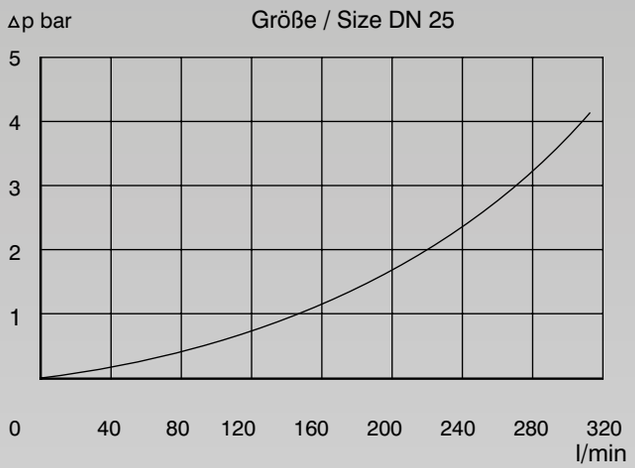
TECHNISCHE DATEN / DRUCKVERLUST FLAT-FACE STECKKUPPLUNGEN

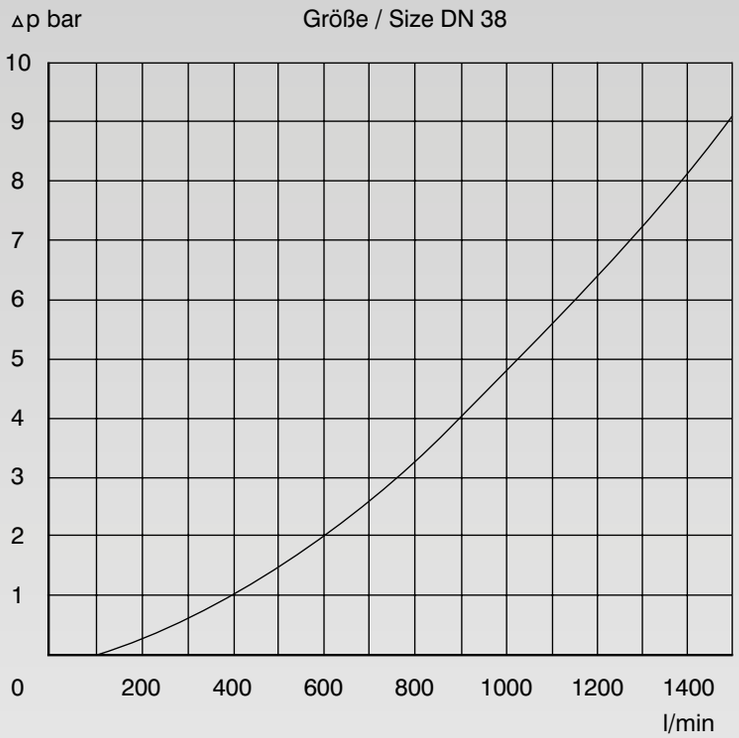
TECHNICAL DATA / PRESSURE DROP - FLAT-FACE QUICK RELEASE COUPLINGS

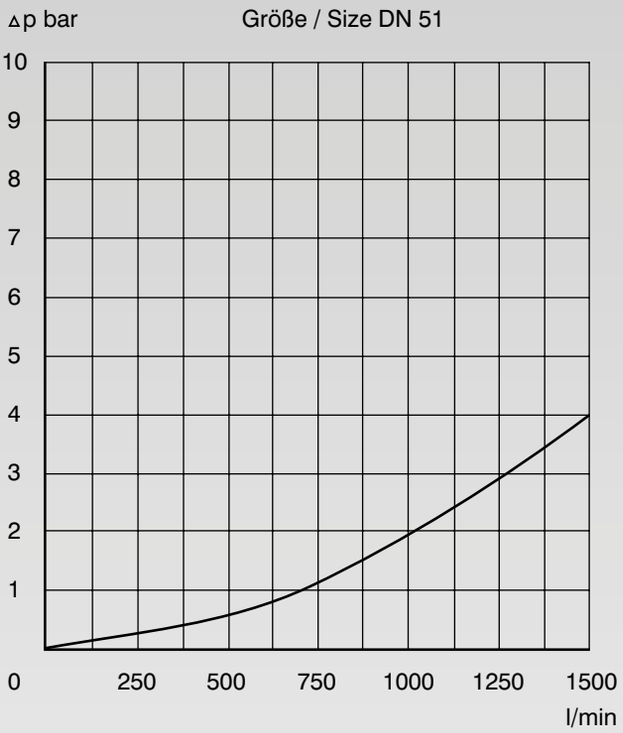


TECHNISCHE DATEN / DRUCKVERLUST FLAT-FACE STECKKUPPLUNGEN

TECHNICAL DATA / PRESSURE DROP - FLAT-FACE QUICK RELEASE COUPLINGS

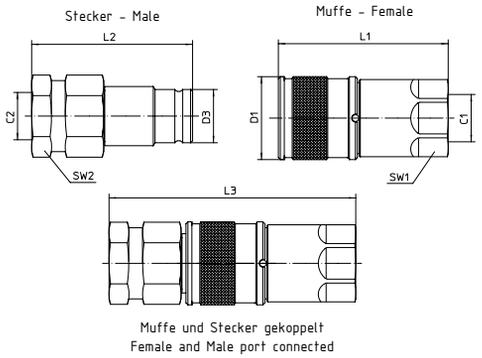






Nach ISO-Norm 16028 (DN 6 bis DN 25)
Mit Rohrinnengewinde: BSP - Zylindrisch
DIN / ISO 228

According to ISO-Norm 16028
(Size DN 6 to DN 25)
Female Thread: BSP - Parallel
DIN / ISO 228



Reihe / Series Muffe / Female

Druck Pressure	ISO-Größe ISO-Size	Gewinde Thread	Durchmesser Diameter	Ca. Maße Approx. Dimensions			Durchfluß-menge Flow Rate	Bestellzeichen Order-Code
PN-bar	DN	C1	D1	L1	L3	SW1	l/min.	
315	6,3	G 1/4"	28,0	58,5	108,0	22	12	FF-1/4"-F-DN 6
250	10,0	G 3/8"	32,0	73,5	127,0	27	23	FF-3/8"-F-DN 10
250	10,0	G 1/2"	32,0	73,5	127,0	27	23	FF-1/2"-F-DN 10
250	12,5	G 1/2"	38,0	83,5	149,5	36	45	FF-1/2"-F-DN 12
250	12,5	G 3/4"	38,0	83,5	149,5	36	45	FF-3/4"-F-DN 12
250	16,0	G 1/2"	42,0	86,0	152,0	36	74	FF-1/2"-F-DN 16
250	16,0	G 3/4"	42,0	86,0	152,0	36	74	FF-3/4"-F-DN 16
250	19,0	G 3/4"	48,0	97,5	160,0	41	100	FF-3/4"-F-DN 19
250	19,0	G 1"	48,0	97,5	160,0	41	100	FF-1"-F-DN 19
250	25,0	G 1"	55,0	109,3	184,0	50	189	FF-1"-F-DN 25
200	25,0	G 1 1/4"	55,0	107,0	175,0	55	189	FF-1 1/4"-F-DN 25
100	38,0	G 1 1/2"	79,0	132,5	216,0	65	288	FF-1 1/2"-F-DN 38
100	51,0	G 2"	99,0	157,0	243,0	80	379	FF-2"-F-DN 51

Reihe / Series Stecker / Male

Druck Pressure	ISO-Größe ISO-Size	Gewinde Thread	Durchmesser Diameter	Ca. Maße Approx. Dimensions			Durchfluß-menge Flow Rate	Bestellzeichen Order-Code
PN-bar	DN	C2	D3	L2	L3	SW2	l/min.	
315	6,3	G 1/4"	16,2	60,0	108,0	22	12	FF-1/4"-M-DN 6
250	10,0	G 3/8"	19,8	69,0	127,0	27	23	FF-3/8"-M-DN 10
250	10,0	G 1/2"	19,8	69,0	127,0	27	23	FF-1/2"-M-DN 10
250	12,5	G 1/2"	24,6	83,0	149,5	36	45	FF-1/2"-M-DN 12
250	12,5	G 3/4"	24,6	83,0	149,5	36	45	FF-3/4"-M-DN 12
250	16,0	G 1/2"	27,0	83,0	152,0	36	74	FF-1/2"-M-DN 16
250	16,0	G 3/4"	27,0	83,0	152,0	36	74	FF-3/4"-M-DN 16
250	19,0	G 3/4"	30,0	84,0	160,0	46	100	FF-3/4"-M-DN 19
250	19,0	G 1"	30,0	84,0	160,0	46	100	FF-1"-M-DN 19
250	25,0	G 1"	36,0	97,0	184,0	50	189	FF-1"-M-DN 25
200	25,0	G 1 1/4"	36,0	90,0	175,0	55	189	FF-1 1/4"-M-DN 25
100	38,0	G 1 1/2"	57,0	112,0	216,0	65	288	FF-1 1/2"-M-DN 38
100	51,0	G 2"	72,9	124,0	243,0	75	379	FF-2"-M-DN 51

Flat-Face Kupplungen sind beidseitig absperrende Steckkupplungen mit Kugelverriegelung.
Die Kupplung muss im drucklosen Zustand durch Einhandbedienung gekuppelt und enkuppelt werden. Der Flüssigkeitsverlust ist minimal.
Es ensteht nur ein minimaler Lufteinschluss beim Kupplungsvorgang, die Standard-Dichtungskombination ist FPM/PTFE.

Die Arbeitstemperatur ist von -20°C bis +200°C.

Flat-Face quick couplings are supplied with a ball-lock-System.
The couplings must be connected and disconnected after full release of pressure in the system. Loss of Liquid is at a minimum level, coupling procedure can be arranged with one-hand only. Minimal air inclusion during connection.
The standard sealing combination is FPM/PTFE.

Working temperature is from -20°C to +200°C.

Staubschutz für Flat-Face Steckkupplungen
Verschlussstopfen - Kunststoff - für Muffe

Dust Protection for Flat-Face Quick Release Couplings
Dust Plug - Plastic - for Female

Baugröße Size	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
DN 6		SS-FF-DN 6-F
DN 10		SS-FF-DN 10-F
DN 12		SS-FF-DN 12-F
DN 16		SS-FF-DN 16-F
DN 19		SS-FF-DN 19-F
DN 25		SS-FF-DN 25-F
DN 38		SS-FF-DN 38-F

ZUBEHÖR FÜR FLAT-FACE STECKKUPPLUNGEN

ACCESSORIES FOR FLAT-FACE QUICK RELEASE COUPLINGS

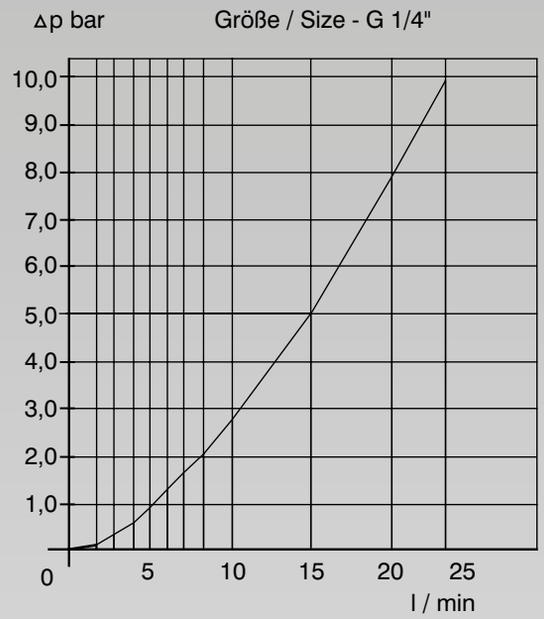
Staubschutz für Flat-Face Steckkupplungen
Verschlusskappe - Kunststoff - für Stecker

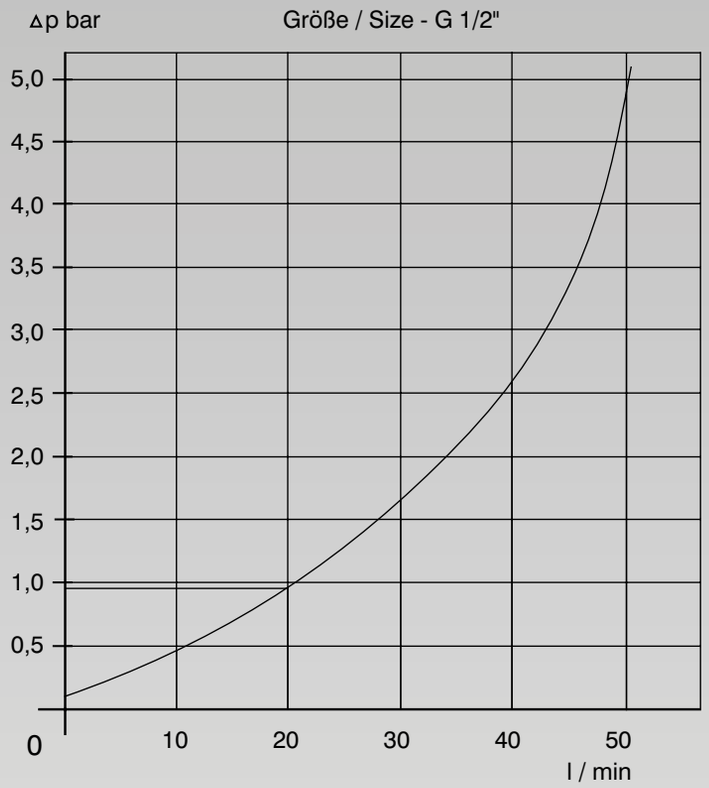
Dust Protection for Flat-Face
Quick Release Couplings
Dust Cap - Plastic - for Male

Baugröße Size	**Bemerkungen** Notes	**Bestellzeichen** Order-Code
DN 6		SS-FF-DN 6-M
DN 10		SS-FF-DN 10-M
DN 12		SS-FF-DN 12-M
DN 16		SS-FF-DN 16-M
DN 19		SS-FF-DN 19-M
DN 25		SS-FF-DN 25-M
DN 38		SS-FF-DN 38-M

TECHNISCHE DATEN / DRUCKVERLUST HOCHDRUCK-SCHRAUBKUPPLUNGEN

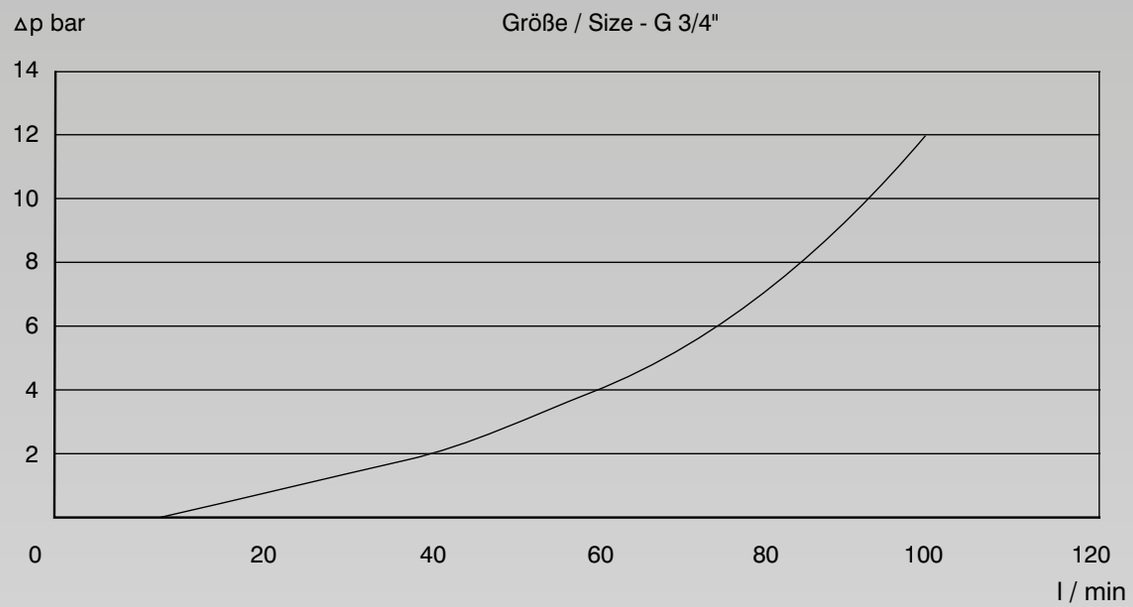
TECHNICAL DATA / PRESSURE DROP - HIGH PRESSURE SCREW COUPLINGS

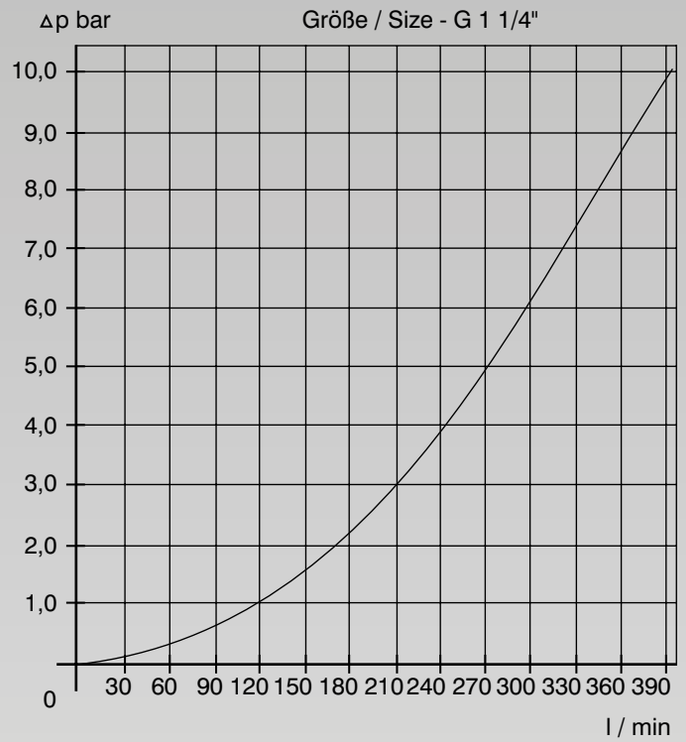


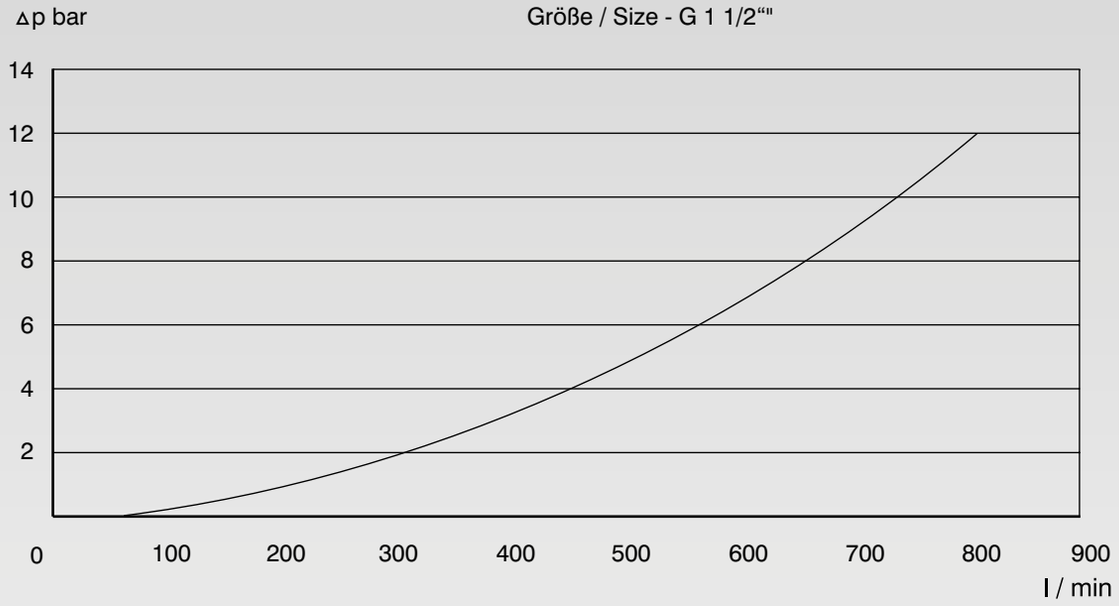


TECHNISCHE DATEN / DRUCKVERLUST HOCHDRUCK-SCHRAUBKUPPLUNGEN

TECHNICAL DATA / PRESSURE DROP - HIGH PRESSURE SCREW COUPLINGS




Δp bar
Größe / Size - G 1 1/4"
10,0
9,0
8,0
7,0
6,0
5,0
4,0
3,0
2,0
1,0
0
30 60 90 120 150 180 210 240 270 300 330 360 390
l / min


Δp bar
Größe / Size - G 1 1/2“"
14
12
10
8
6
4
2
0
100 200 300 400 500 600 700 800 900
l / min

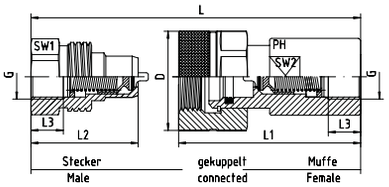
HOCHDRUCK - SCHRAUBKUPPLUNGEN - TYP: HSK

HIGH PRESSURE SCREW COUPLINGS - TYPE: HSK

EDELSTAHL / STAINLESS STEEL
VERBINDUNGSTECHNIK
FLUID CONNECTORS

Anschluss-Innengewinde: BSP - Zylindrisch
DIN / ISO 228

Female Thread: BSP - Parallel
DIN / ISO 228



Reihe / Series Mutter/ Female

Druck Pressure	DN DN	Gewinde Thread	Ca. Maße Approx. Dimensions							Bestellzeichen Order-Code
PB	**DN**	**G**	**D**	**L**	**L1**	**L2**	**L3**	**SW1**	**SW2**	
750	06	1/4"	30,0	84,0	68,0		12,5		22	HSK-M-G 1/4"
650	10	3/8"	40,0	89,5	75,0		12,5		27	HSK-M-G 3/8"
650	12,5	1/2"	45,0	102,0	86,5		15,0		34	HSK-M-G 1/2"
500	19	3/4"	55,0	121,0	105,0		16,5		41	HSK-M-G 3/4"
460	25	1"	60,0	136,0	120,0		19,0		50	HSK-M-G 1"
400	31	1 1/4"	80,0	167,0	153,0		21,5		65	HSK-M-G 1 1/4"
380	38	1 1/2"	98,0	190,0	170,0		22,5		75	HSK-M-G 1 1/2"

Reihe / Series Stecker / Male

Druck Pressure	DN DN	Gewinde Thread	Ca. Maße Approx. Dimensions							Bestellzeichen Order-Code
PB	**DN**	**G**	**D**	**L**	**L1**	**L2**	**L3**	**SW1**	**SW2**	
750	06	1/4"		84,0		43,0	12,5	25		HSK-S-G 1/4"
650	10	3/8"		89,5		48,0	12,5	32		HSK-S-G 3/8"
650	12,5	1/2"		102,0		53,0	15,0	34		HSK-S-G 1/2"
500	19	3/4"		121,0		63,0	16,5	46		HSK-S-G 3/4"
460	25	1"		136,0		72,0	19,0	50		HSK-S-G 1"
400	31	1 1/4"		167,0		86,0	21,5	65		HSK-S-G 1 1/4"
360	38	1 1/2"		190,0		95,0	22,5	80		HSK-S-G 1 1/2"

Unter Restdruck kuppelbar, wie folgt:
Größe 1/4", 3/8", 1/2" = max. 10 bar Restdruck;
Größe 3/4", 1" = max. 5 bar Restdruck;
Größe 1 1/4", 1 1/2" = max. 3 bar Restdruck

Technische Daten (Standardausführung)
Werkstoff: 1.4404 (AISI 316 L), Dichtungen aus FPM,
Stützring aus PTFE

Verwendbarkeit: Hydraulikflüssigkeiten auf Mineralöl- und Glycolbasis, Luft und Wasser mit Korrosionsschutz

Temperaturbereich: -20°C bis +200°C
Platzdruck: 2,5 fache Sicherheit gegen Arbeitsdruck

Connecting and Disconnecting under Residual Pressure, as follows:
size 1/4", 3/8", 1/2" = max. 10 bar residual pressure;
size 3/4", 1" = max. 5 bar residual pressure;
size 1 1/4", 1 1/2" = max. 3 bar residual pressure

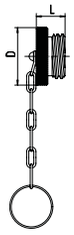
Technical Data (Standard Version)
Material: 1.4404 (AISI 316 L), Sealing from FPM,
Back-up Ring from PTFE

Utilization: Hydraulic Fluids on Mineral Oil and Glycol Base,
Air and Water with Corrision Protection

Temperature Range: -20°C to +200°C
Burst Pressure: 2,5 times Working Pressure

Aluminium-Staubschutz
Verschlussstopfen für Muffe

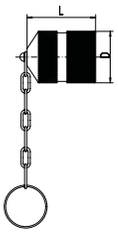
Aluminium Dust Protection
Dust Plug for Female



Baugröße Size	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
DN	D	L		
10,0	40,0	20,0		SS-HSKM-10
12,5	45,0	22,0		SS-HSKM-12,5
20,0	54,5	27,0		SS-HSKM-20
25,0	60,0	33,0		SS-HSKM-25
31,5	79,0	38,0		SS-HSKM-31,5
38,0	98,0	45,0		SS-HSKM-38

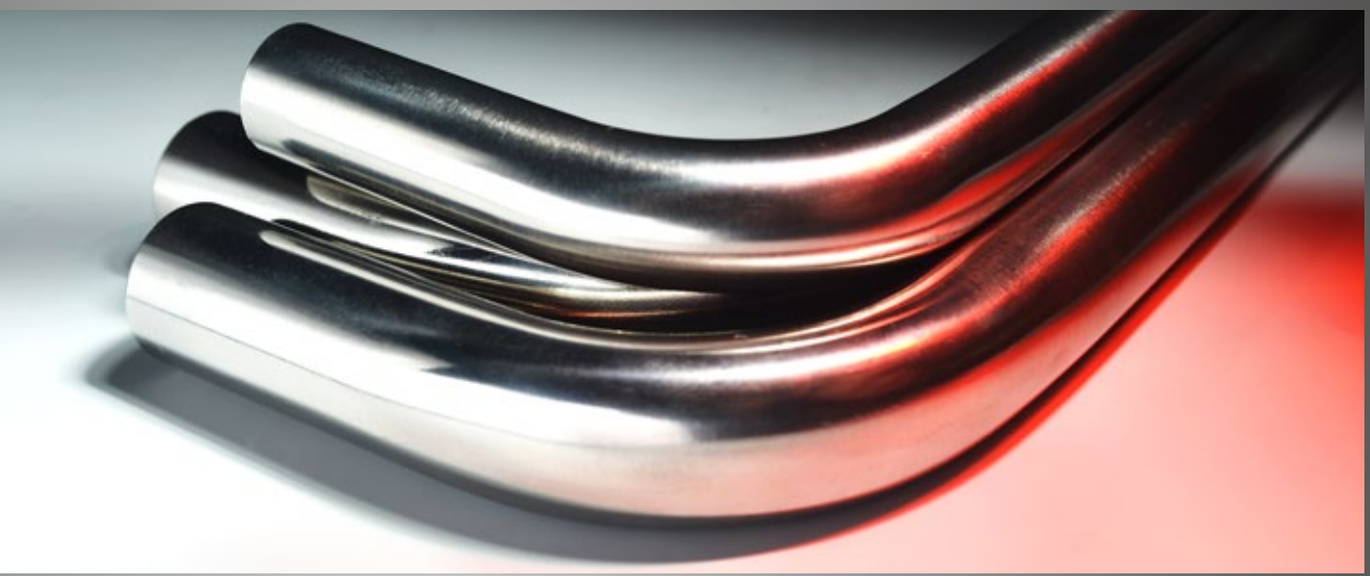
Aluminium-Staubschutz
Verschlusskappe für Stecker

Aluminium Dust Protection
Dust Cap for Male



Baugröße Size	Ca. Maße Approx. Dimensions		Bemerkungen Notes	Bestellzeichen Order-Code
DN	D	L		
10,0	35,0	46,5		SS-HSKS-10
12,5	38,0	51,0		SS-HSKS-12,5
20,0	50,0	60,5		SS-HSKS-20
25,0	58,0	67,0		SS-HSKS-25
31,5	74,0	81,0		SS-HSKS-31,5
38,0	85,0	100,0		SS-HSKS-38

Rohr und Rohrbogen
Tube and Tube Bends



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16

ROHR UND ROHRBOGEN
TUBE AND TUBE BENDS

Produktgruppen	Product-Groups	Seite / Page
Generelle Empfehlungen für Rohre und Rohrbogen	**General Recommendation for Tubes and Tube Bends**	16.2-16.4
NRB - Nahtlose - Rohrbogen - 90°	**NRB - Seamless - Tube - Bends - 90°**	
NRB - 90°	NRB - 90°	16.5

GENERELLE EMPFEHLUNG FÜR ROHRE UND ROHRBOGEN

GENERAL RECOMMENDATION FOR TUBES AND TUBE BENDS

1. Nahtlos, kaltgezogene Rohre

Werkstoffnummer	Ausführungsart	Prüfbescheinigung	Max. Härte	Toleranz	Oberfläche
1.4571 (AISI316Ti)	Nahtlos kaltgezogen, zunderfrei, wärmebehandelt entspricht DIN EN 10216- 5, CFA	Prüfklasse 1 gem. DIN EN 10216-5, Prüfzeugnis EN10204-3.1 / 2.2	90 HRB[1]	DIN EN 10305-1	blank
1.4541 (AISI321)					
1.4404 (AISI316L)					
1.4401 (AISI316)					

2. Geschweißte Rohre

Werkstoffnummer	Ausführungsart	Prüfbescheinigung	Max. Härte	Toleranz	Oberfläche
1.4571 (AISI316Ti)	Geschweißt, kaltgezogen, lösungsgeglüht und zunderfrei entsprechend DIN EN 10217-7, WCR	Prüfkategorie TC1 gem. DIN EN 10217-7, Prüfzeugnis EN 10204 – 3.1	90 HRB[1]	EN ISO 1127 D4/T3[2]	Metallisch blank
1.4404 (AISI316L)					
1.4401 (AISI316)					

[1] Falls möglich sollten Rohren mit max. 85 HRB eingesetzt werden

[2] Für Schneidringverbindungen ist diese Toleranz nicht empfohlen. Es sollten Rohre mit Toleranzen nach DIN EN 10305-1 eingesetzt werden. Sind aufgrund der Wanddicke Verstärkungshülsen erforderlich (s. PH Katalog, Seiten 1.13 – 1.14), müssen Rohre mit Toleranzen nach DIN EN 10305-1 verwendet werden. Wir empfehlen, die Rohre nach Außen- und Innendurchmesser zu bestellen

3. Empfohlene Biegeradien

Für das Kaltbiegen von Rohren mit Biegevorrichtungen oder von Hand wird ein Biegeradius von 3 x Rohraußendurchmesser empfohlen.

4. Schweißeignung und Schweißbarkeit

Rohre aus Werkstoff 1.4571 und 1.4541 sind für die Lichtbogenschweißung geeignet.
Der erforderliche Schweißzusatz ist nach DIN EN 1600 und DIN EN 12072 Teil 1 unter Berücksichtigung des Verwendungszwecks und des Schweißverfahren auszuwählen.

5. Näherungsweise Berechnung des Durchflußwiderstandes gerader Rohrleitungen

Der Durchflußwiderstand und damit der Rohrleitungswirkungsgrad wird durch den Rohrinnendurchmesser, den Volumenstrom (gemessen oder berechnet), sowie durch die Eigenschaften des Mediums beeinflußt. Um möglichst geringe Verluste im Rohrleitungssystem zu haben, ist weitgehende laminare Strömung anzustreben.

Der Übergang von der laminaren zur turbulenten Strömung, die einen erhöhten Durchflußwiderstand bringt, wird allgemein durch die Reynolds-Zahl Re 2320 definiert. Da der Übergang nicht scharf abgegrenzt ist, kann der Übergangsbereich praktisch nur messtechnisch erfaßt werden. Setzt man für eine vereinfachte Berechnung den Übergang bei Re 2320 und die Rohrinnenfläche als "technisch glatt" voraus, so lassen sich die Grenzgeschwindigkeiten $w_{crit.}$ bzw. die Grenzvolumenströme $v_{crit.}$, bei denen der Übergang von der laminaren zur turbulenten Strömung erfolgt, nach den folgenden Formeln abschätzen:

$$w_{crit.} = \frac{2.32 \cdot \nu}{d_i} \quad [m/s]$$

$$v_{crit.} = 0.109 \cdot d_i \cdot \nu \quad [l/min]$$

d_i = Innen - Ø in mm
ν = kinematische Viskosität in mm²/s

Zur näherungsweisen Berechnung des Druckabfalls in bar/1 m Rohrlänge können die nachfolgenden Formeln herangezogen werden:

1. Laminarer Bereich:

$$\rho_V = \frac{0.32 \cdot w \cdot \nu \cdot \rho}{d_i^2 \cdot 10^3} = \frac{6.79 \cdot v \cdot \nu \cdot \rho}{d_i^4 \cdot 10} \quad [bar/1\ m]$$

2. Turbulenter Bereich:

$$\rho_V = \frac{0.281 \cdot w^{1.75} \cdot \nu^{0.25} \cdot \rho}{d_i^{1.25} \cdot 10^3}$$

$$= \frac{59 \cdot v^{1.75} \cdot \nu^{0.25} \cdot \rho}{d_i^{4.75} \cdot 10^3} \quad [bar/1\ m]$$

w = Strömungsgeschwindigkeit in m/s;
ν = kinematische Viskosität in mm²/s;
v = Volumenstrom in l/min;
ρ = Dichte des Mediums in kg/m³;
d_i = Rohrinnendurchmesser in mm.

Detaillierte Berechnungen des Durchflußwiderstandes setzen eine genaue Kenntnis des Rohrleitungssystems und der Betriebsbedingungen voraus. Weitergehende Berechnungsmethoden sind der einschlägigen Literatur zu entnehmen.

GENERELLE EMPFEHLUNG FÜR ROHRE UND ROHRBOGEN

GENERAL RECOMMENDATION FOR TUBES AND TUBE BENDS

1. Seamless, cold drawn tubes

Steel Type	Conditions	Tests and Certificates	Max. Hardness	Tolerances	Surface
1.4571 (AISI316Ti)	Seamless, cold drawn, free of scale, heat-treated in accordance with DIN EN 10216- 5, CFA	Test class 1 according to DIN EN 10216-5, Certificate according to EN10204-3.1 / 2.2	90 HRB(1)	DIN EN 10305-1	plain
1.4541 (AISI321)					
1.4404 (AISI316L)					
1.4401 (AISI316)					

2. Welded tubes

Steel Type	Conditions	Tests and Certificates	Max. Hardness	Tolerances	Surface
1.4571 (AISI316Ti)	Welded, cold-drawn, solution-annealed and scale-free according to DIN EN 10217-7, WCR	Test category TC1 acc. DIN EN 10217-7, Test certificate EN10204 – 3.1	90 HRB(1)	EN ISO 1127 D4/T3(2)	Metallically bright
1.4404 (AISI316L)					
1.4401 (AISI316)					

(1) Tubes with max. 85 HRB should be used

(2) These tolerances are not recommended for cutting ring connections. Tubes with tolerances acc. to DIN EN 10305-1 should be used. If reinforcement sleeves are required due to the wall thickness (see catalogue, pages 1.13 - 1.14), tubes with tolerances according to DIN EN 10305-1 shall be used. We recommend ordering the tubes according to outer and inner diameter

3. Recommended bend radius

A bend radius of 3 x the external tube diameter is recommended for cold bending of tubes with tube benders or by hand.

4. Welding suitability and weld ability

Tubes made of 1.4571 and 1.4541 (stainless) are suitable for arc welding. The welding filler should be selected in accordance with DIN EN 1600 and DIN EN 12072 part 1 taking into account the type of application and the welding technique.

5. Approximate calculation of the flow resistance in straight tube lines

The flow resistance and thus the tube line efficiency is influenced by the tube inside diameter, the volume flow (measured or calculated) and the properties of the medium. Laminar flow should be considered in order to keep losses in the system down to a minimum.

The transition from laminar to turbulent flow, which brings an increase in the flow resistance, is generally defined by the Reynolds number Re 2320. Since the transition can not be pinpointed exactly the transition range can only be determined by measuring. If for simplified calculation transition at Re 2320 and a "technically smooth" tube inner surface are assumed, the limit speeds $w_{crit.}$ and the laminar to turbulent flow volume flow $v_{crit.}$ When transition takes place, can be estimated according to the following formulas:

$$w_{crit.} = \frac{2.32 \cdot \nu}{d_i} \text{ [m/s]}$$

$$v_{crit.} = 0.109 \cdot d_i \cdot \nu \text{ [l/min]}$$

d_i = tube bore - Ø in mm
ν = kinematic viscosity in mm²/s

For approximate calculation of the pressure drop in bar/1 m tube length, the following formulas can be used:

1. Laminar range:

$$\rho_V = \frac{0.32 \cdot w \cdot \nu \cdot \rho}{d_i^2 \cdot 10^3} = \frac{6.79 \cdot \nu \cdot \nu \cdot \rho}{d_i^4 \cdot 10^3} \text{ [bar/1 m]}$$

2. Turbulent range:

$$\rho_V = \frac{0.281 \cdot w^{1.75} \cdot \nu^{0.25} \cdot \rho}{d_i^{1.25} \cdot 10^3}$$

$$= \frac{59 \cdot v^{1.75} \cdot \nu^{0.25} \cdot \rho}{d_i^{4.75} \cdot 10^3} \text{ [bar/1 m]}$$

w = flow speed in m/s;
ν = kinetic viskosity in mm²/s;
v = volume flow in l/min;
ρ = density of the medium in kg/m³;
d_i = pipe internal diameter in mm.

Detailed calculations of the flow resistance require an exact knowledge of the tube line system and the operating conditions. Refer to the relevant literature for other methods of calculations.

GENERELLE EMPFEHLUNG FÜR ROHRE UND ROHRBOGEN

GENERAL RECOMMENDATION FOR TUBES AND TUBE BENDS

Rohr A.D. Tube O.D. **D = mm**	**Toleranzen *** Tolerances **ø mm**	**Wanddicke** Wall Thickness **W = mm**	**Rohr I.D.** Tube I.D. **mm**	**Berechnungsdruck**** Design Pressure **DIN 2413-I / bar**	**Berstdruck**** Burst Pressure **bar**	**Gewicht**** Weight **kg/m**
4	+/- 0,08	1,0	2	600	3850	0,075
6	+/- 0,08	1,0	4	426	2340	0,125
8	+/- 0,08	1,0	6	368	1660	0,175
8	+/- 0,08	1,5	5	472	2800	0,244
10	+/- 0,08	1,0	8	294	1290	0,225
10	+/- 0,08	1,5	7	389	1930	0,319
10	+/- 0,08	2,0	6	498	3100	0,401
12	+/- 0,08	1,0	10	245	1220	0,275
12	+/- 0,08	1,5	9	368	1580	0,394
12	+/- 0,08	2,0	8	426	2380	0,501
14	+/- 0,08	2,0	10	420	2180	0,601
15	+/- 0,08	1,0	13	196	860	0,351
15	+/- 0,08	1,5	12	294	1140	0,507
15	+/- 0,08	2,0	11	392	1750	0,651
16	+/- 0,08	2,0	12	368	1800	0,701
16	+/- 0,08	2,5	11	403	2120	0,845
16	+/- 0,08	3,0	10	472	2800	0,977
18	+/- 0,08	1,5	15	245	1050	0,620
18	+/- 0,08	2,0	14	327	1520	0,801
20	+/- 0,08	2,0	16	294	1250	0,901
20	+/- 0,08	2,5	15	368	1550	1,095
20	+/- 0,08	3,0	14	389	1960	1,277
22	+/- 0,08	2,0	18	267	1020	1,002
22	+/- 0,08	3,0	16			
25	+/- 0,08	2,5	20	294	1190	1,408
25	+/- 0,08	3,0	19	353	1520	1,653
28	+/- 0,08	2,0	24	210	880	1,302
28	+/- 0,08	3,0	22			
30	+/- 0,08	3,0	24	294	1140	2,028
30	+/- 0,08	4,0	22	392	1650	2,605
35	+/- 0,15	2,0	31	168	670	1,653
35	+/- 0,15	5,0	25			
38	+/- 0,15	4,0	30	309	1240	3,405
38	+/- 0,15	5,0	28			
42	+/- 0,2	2,0	38	140	520	2,003
42	+/- 0,2	3,0	36	210	860	2,930
50	+/- 0,2	5,0	40			

* Toleranzen nach DIN EN 10305-1
** Berechnung für nahtlose Rohre aus 1.4571 | AISI 316 Ti

* Tolerances according DIN EN 10305-1
** Calculation for seamless tubes in material 1.4571 | AISI 316 Ti

Nahtlose Rohre
Toleranzen nach DIN EN 10305-1
1.4571 = AISI 316 Ti

Zulässiger Temperaturbereich und werkstoffbedingte Druckabschläge gegenüber den Berechnungsdrücken bei erhöhten Temperaturen entsprechen dem Abfall der 1% Dehngrenze (DIN EN 10216-5). Siehe Rubrik 1.4 Druckabschläge.

Seamless Tubes
Tolerances DIN EN 10305-1
1.4571 = AISI 316 Ti

Permissible temperature range and required pressure reductions compared to calculation pressures for higher temperatures correspond to the decrease of 1% proof stress (DIN EN 10216-5). See chapter 1.4 pressure reductions.

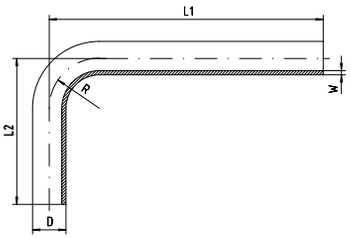
Zwischenwerte sind zu interpolieren.
Intermediate values are to be interpolated.

NRB - NAHTLOSE - ROHRBOGEN - 90°

NRB - SEAMLESS - TUBE - BENDS - 90°

Werkstoff: 1.4571

Material: 1.4571



Rohr A.D. Tube O.D.	**Wandstärke** Wall Thick-ness	**Rohr I.D.** Tube I.D.	**Biegeradius** Bend Radius	**Ca. Maße** Approx. Dimensions		**Bemerkungen** Notes	**Bestellzeichen** Order-Code
D	**W**		**R**	**L1**	**L2**		
16	2,0	12	24	230,0	70,0		NRB-16x2
18	1,5	15	30	236,0	71,0		NRB-18x1,5
18	2,0	14	30	236,0	71,0		NRB-18x2
20	2,0	16	33	236,0	81,0		NRB-20x2
20	2,5	15	33	236,0	81,0		NRB-20x2,5
22	2,0	18	33	238,0	78,0		NRB-22x2
22	3,0	16	33	238,0	78,0		NRB-22x3
25	2,5	20	42	244,0	94,0		NRB-25x2,5
25	3,0	19	42	244,0	94,0		NRB-25x3
28	2,0	24	42	248,0	98,0		NRB-28x2
28	3,0	22	42	248,0	98,0		NRB-28x3
30	3,0	24	50	250,0	110,0		NRB-30x3
30	4,0	22	50	250,0	110,0		NRB-30x4
35	2,0	31	53	260,0	125,0		NRB-35x2
35	5,0	25	53	260,0	125,0		NRB-35x5
38	4,0	30	60	265,0	140,0		NRB-38x4
38	5,0	28	60	265,0	140,0		NRB-38x5
42	3,0	36	65	280,0	165,0		NRB-42x3
50	5,0	40	75	310,0	310,0		NRB-50x5

Hydraulik- und PTFE-Schläuche / Montagevorschriften

Hydraulic- and PTFE-Hoses / Instruction for Installation

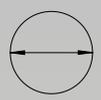
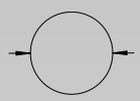
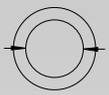
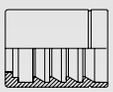
17

17

HYDRAULIK- UND PTFE-SCHLÄUCHE / MONTAGEVORSCHRIFTEN
HYDRAULIC- AND PTFE-HOSES / INSTRUCTION FOR INSTALLATION

Produktgruppen	Product-Groups	Seite / Page	
Legende der Symbole	**Legend of Symbols**	17.2	
Hinweise für das Verlegen	Instructions for Installation	17.3	
Längenbestimmung von Schlauchleitungen	Calculating the Length of Hose Assemblies	17.4-17.5	
R7 - Thermoplastik - Schlauch / DIN EN 855	**R7 - Thermoplastic - Tube / DIN EN 855**		
R7 - Thermoplastik - Schlauch / DIN EN 855	R7 - Thermoplastic - Tube / DIN EN 855	17.6	
R8 - Thermoplastik - Schlauch / DIN EN 855	R8 - Thermoplastic - Tube - DIN EN 855	17.7	
PTFE - Schlauch	**PTFE - Hose**		
PT1W - Schlauch	PT1W - Hose	17.8	
PTFE - Well - Schlauch	**PTFE - Convoluted - Hose**		
PT3W - Schlauch	PT3W - Convoluted - Hose	17.9	

LEGENDE DER SYMBOLE
LEGEND OF SYMBOLS

• Innendurchmesser		• Inside Diameter (I.D.)
• Außendurchmesser		• Outside Diameter (O.D.)
• Außendurchmesser Druckträger		• Reinforcement Outside Diameter
• Berstdruck: Ist der garantierte Mindestberstdruck; erreicht oder übertrifft die jeweiligen Spezifikationsmindest-Anforderungen.		• Burst Pressure: It is the minimum guaranteed burst pressure of the hose; equivalent or superior to the reference specifications minimum requirements.
• Gewicht		• Weight
• Max. Betriebsdruck		• Maximum Working Pressure
• Mindest-Biegeradius		• Minimum Bend Radius
• Fassung		• Ferrule/Socket

• Betriebstemperatur: Beschreibt die Dauerbetriebstemperatur	• Continuous Service: Refers to the working temperature range
• Maximale Betriebstemperatur: Maximale Spitzentemperatur nur für kurze Zeit. (Weniger als 5% der vorgesehenen Einsatzdauer)	• Max. Operating Temperature (Intermittent Service): Peaks of temperature of short duration and total cumulative duration lower than 5% of the total service life.
• Empfohlene Medien: Medien mit besonders hoher chemischer Verträglichkeit.	• Recommended Fluids: Fluid types that the hose can convey with excellent / good chemical compatibility.

HINWEISE FÜR DAS VERLEGEN
INSTRUCTION FOR INSTALLATION

Richtiges Verlegen von Schlauchleitungen erhöht die Lebensdauer!

1. Bei Schlauchleitungen können unter Betriebsdruck Längenänderungen von +2% bis -4% auftreten.
   Daher soll der Einbau mit Durchhang oder in Bogenform erfolgen.

2. Schlauchleitungen dürfen nicht verdreht eingebaut werden
   (keine Torsion).

3. Schlauchleitungen nicht übermäßig krümmen –
   Bogenarmaturen verwenden!

4. Mindestbiegeradius beachten!

5. Im Falle von Hubbewegungen den Hub berücksichtigen.

6. Gegen äußere Beschädigungen schützen
   (Knickschutzspirale verwenden).

Correct installation increases the service life of hose assemblies!

1. Under pressure, alterations of +2% to -4% can occur in the length of hose assemblies.
   Hoses should therefor be installed with slack or curves.

2. Hose assemblies should never be installed twisted
   (no torsion).

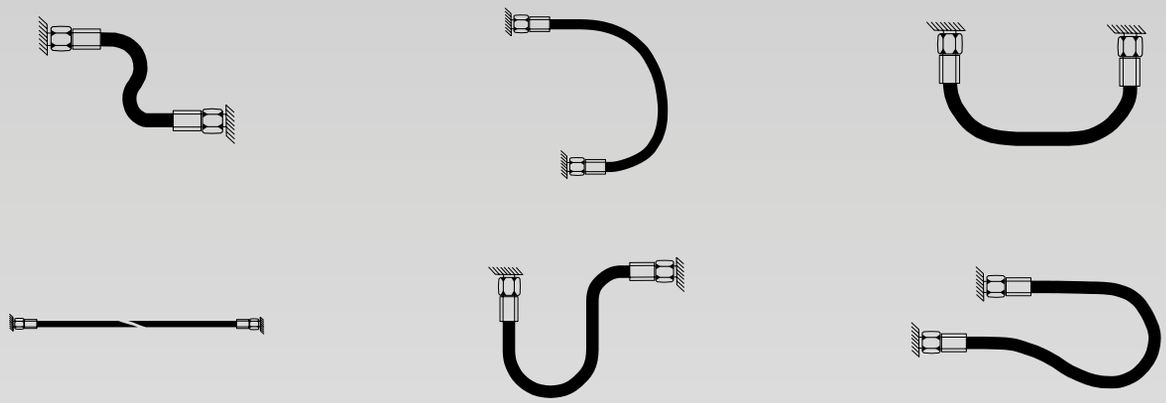
3. Hose assemblies should not be bent excessively –
   use elbow fittings instead!

4. Note minimum bend radius!

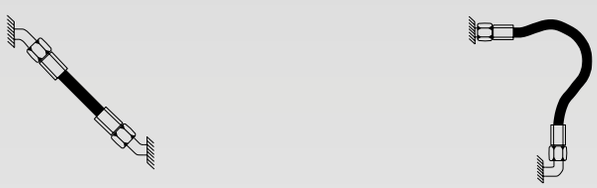
5. If vertical displacement occurs, allow for amount of travel.

6. Protect from external damage
   (use protective spirals).

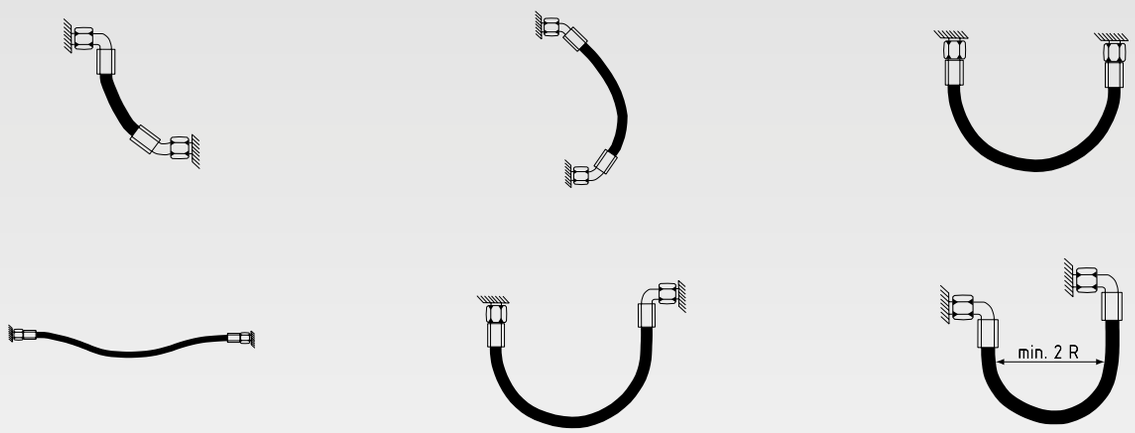
Falsch
Wrong



Besser
Better



Richtig
Right



LÄNGENBESTIMMUNG VON SCHLAUCHLEITUNGEN
CALCULATING THE LENGTH OF HOSE ASSEMBLIES

Längentoleranzen bei montierten Schlauchleitungen (lt. DIN 20066)

Length Tolerance of Installed Hose Assemblies (acc. to DIN 20066)

Länge Length	**Toleranzen** Tolerances		
mm	**bis DN 25** up to ø 25	**ab DN 31 bis DN 51** from ø 31 to ø 51	**ab DN 60 bis DN 100** from ø 60 to ø 100
bis / up to 630	+ 7 mm - 3 mm	+ 12 mm - 4 mm	
630 - 1250	+ 12 mm - 4 mm	+ 20 mm - 6 mm	+ 25 mm - 6 mm
1250 - 2500	+ 20 mm - 6 mm	+ 25 mm - 6 mm	
2500 - 8000		+ 1,5 % - 0,5 %	
über / over 8000		+ 3 % - 1 %	

Ermittlung der Schlauchlänge

Die Lebensdauer von Schlauchleitungen erhöht sich bei ordnungsgemäßer Bemessung und Montage. Daher bitte folgende Hinweise beachten.

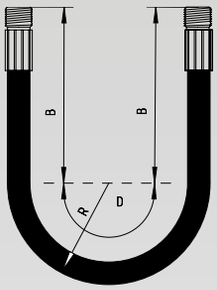
Calculating the Hose Length

The service life of hose assemblies can be increased by proper measurement and installation. Please follow the following instructions.

Berechnung von fest installierten Leitungen

Gesamtlänge = L = 2 B + 3,14 x R

R = Mindestbiegeradius



Calculation of Fixed Hose Assemblies

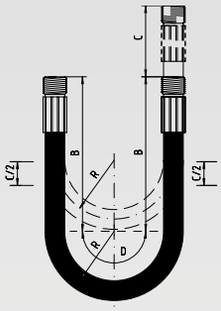
Overall Length = L = 2 B + 3,14 x R

R = Min. Bend Radius

Berechnung von flexibel installierten Leitungen

Gesamtlänge = L = 2 B + 3,14 x R + C

Bei Hubraumbewegung ist die Zusatzlänge C zu berücksichtigen.



Calculation of Flexible Hose Assemblies

Overall Length = L = 2 B + 3,14 x R + C

Additional length C should be allowed for if vertical movement takes place.

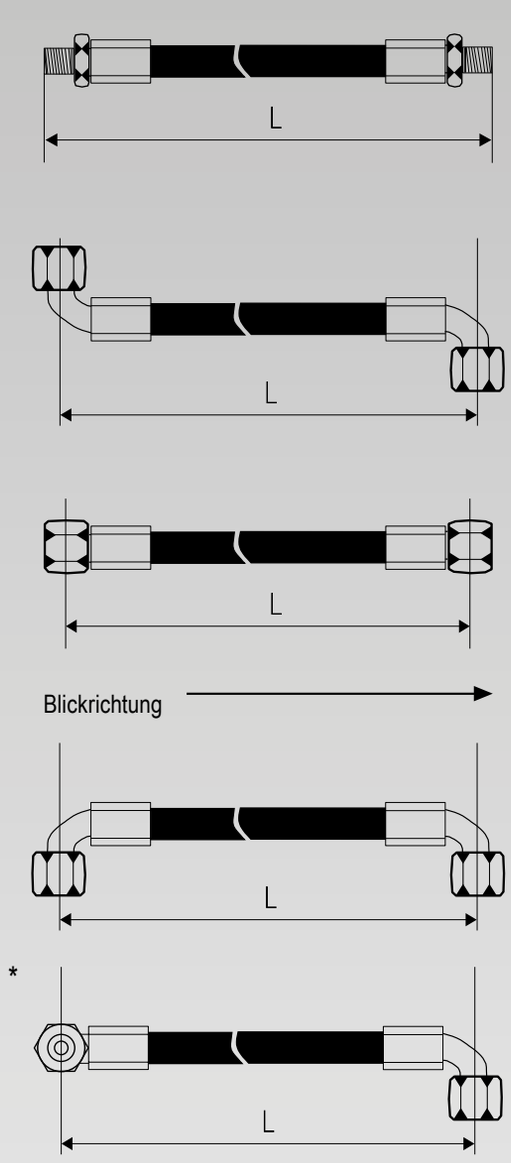
Aus nachstehender Tabelle ist die mindest zu belassende Länge B hinter den Armaturenenden einer Schlauchleitung zu entnehmen.

The following table gives the minimum length B that should be left behind the ends of the fittings of a hose assembly.

DN = ø	06	08	10	12	16	19	25	31	38
B = mm	90	100	110	120	130	140	160	180	200

LÄNGENBESTIMMUNG VON SCHLAUCHLEITUNGEN
CALCULATING THE LENGTH OF HOSE ASSEMBLIES

Messbeispiele für Schlauchleitungen



*Bestellbeispiel: DN 10 R 2 A x 800 DKL 90° / DKL 90° - 90° g. UZ.

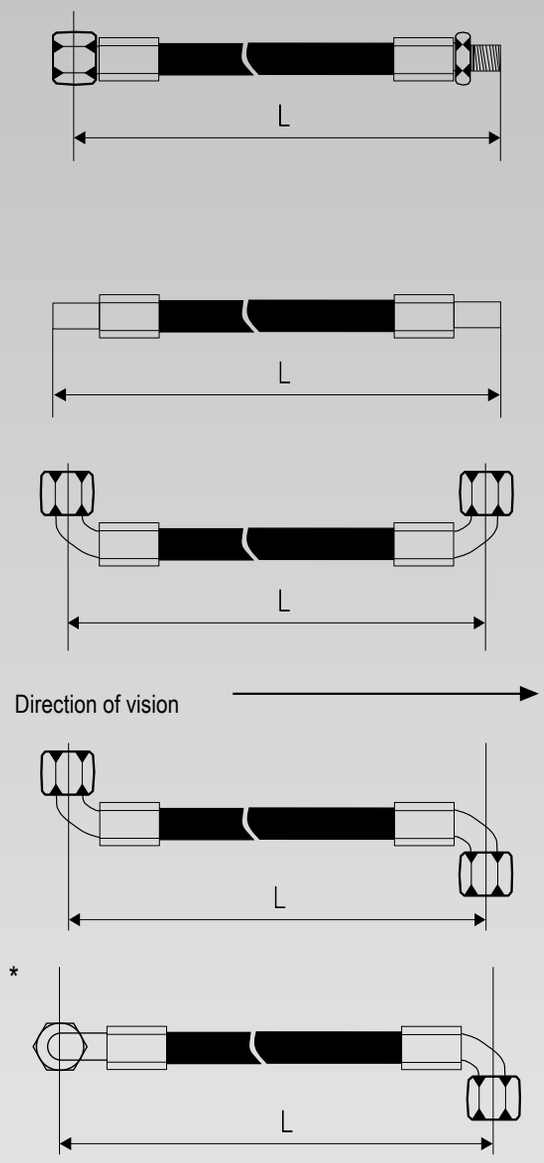
Die Winkeleinstellung bei Schlauchleitungen mit beidseitigen Krümmerarmaturen bitten wir wie folgt zu bestimmen:

Man blickt entlang der zu bezeichnenden Schlauchleitung, wobei die hintere, vom Körper entfernte Armatur nach oben zeigt.

Dann gibt man an, um wie viel Grad die vordere Armatur im oder eventuell gegen den Uhrzeigersinn versetzt ist. (i. UZ oder g. UZ).

Toleranz +/- 3°

Typical Measurements of Hose Assemblies



*Sample order: DN 10 R 2 A x 800 DKL 90° / DKL 90° - 90° g. UZ.

The angle of hose assemblies with elbow fittings at either end can be determined as follows:

Look along the hose assembly for which a designation is required, with the rear fitting away from the body pointing upwards.

Now specify how many degrees the front fitting is rotated through in a clockwise (i. UZ) or anti-clockwise (g. UZ) direction.

Tolerance +/- 3°

R7 - THERMOPLASTIK - SCHLAUCH / DIN EN 855

R7 - THERMOPLASTIC-TUBE / DIN EN 855

EDELSTAHL / STAINLESS STEEL
VERBINDUNGSTECHNIK
FLUID CONNECTORS

Pressfassung: PF-R7 - Rubrik 2.10

Seele: Öl beständiges Thermoplastik Elastomer
Druckträger: Zwei Polyestergeflechte
Decke: Thermoplastik Elastomer mit hoher Ozon- und Abriebbeständigkeit
Dauerbetrieb: -40°C bis +100°C
Max. Betriebstemperatur: +100°C für Öl, + 65°C für Luft, Wasser und Flüssigkeiten auf Wasserbasis

Swage Ferrule: PF-R7 - Category 2.10

Tube: Oil Resistant Thermoplastic Elastomer
Reinforcement: Two Polyester Braids
Cover: Thermoplastic Elastomer with High Ozone and Abrasion Resistance
Continuous Service: -40°C to +100°C
Max. Operating Temperature: +100°C for Oil, +65°C for Air, Water and Water Based Fluids

DN DN	Größe Hose Size	I.D.+/-0,5 I.D.+/-0,5	A.D. +/-0,5 A.D. +/-0,5	Gewicht Weight	Max. Betriebsdruck Max. Working Pressure		Min. Berstdruck Min. Burst Pressure		Min. Biegeradius Min. Bend Radius	Bestellzeichen Order-Code
mm	in.	mm	mm	g/m	bar	P.S.I.	bar	P.S.I.	mm	
05	3/16“	4,8	10,2	80	210	3040	840	12180	35	Hose R7-DN 05
06	1/4“	6,4	12,0	95	190	2750	760	11020	50	Hose R7-DN 06
08	5/16“	7,9	14,3	135	187	2710	750	10870	55	Hose R7-DN 08
10	3/8“	9,5	16,3	165	175	2530	700	10150	75	Hose R7-DN 10
12	1/2“	12,7	20,3	225	140	2030	560	8120	95	Hose R7-DN 12
16	5/8“	16,0	23,5	230	100	1450	400	5800	203	Hose R7-DN 16
19	3/4“	19,0	27,5	260	85	1230	340	4930	254	Hose R7-DN 19
25	1“	25,0	33,3	360	70	1010	280	4060	305	Hose R7-DN 25

R8 - THERMOPLASTIK - SCHLAUCH / DIN EN 855

R8 - THERMOPLASTIC - TUBE / DIN EN 855

Pressfassung: PF-R7 - Rubrik 2.10

Seele: Öl beständiges Thermoplastik Elastomer
Druckträger: Zwei Polyestergeflechte
Decke: Thermoplastik Elastomer mit hoher Ozon- und Abriebbeständigkeit
Dauerbetrieb: -40°C bis +100°C
Max. Betriebstemperatur: +100°C für Öl, + 65°C für Luft, Wasser und Flüssigkeiten auf Wasserbasis

Swage Ferrule: PF-R7 - Category 2.10

Tube: Oil Resistant Thermoplastic Elastomer
Reinforcement: Two Polyester Braids
Cover: Thermoplastic Elastomer with High Ozone and Abrasion Resistance
Continuous Service: -40°C to +100°C
Max. Operating Temperature: +100°C for Oil, +65°C for Air, Water and Water Based Fluids

DN DN		I.D.+/-0,5 I.D.+/-0,5	A.D. +/-0,5 A.D. +/-0,5	Gewicht Weight	Max. Betriebsdruck Max. Working Pressure		Min. Berstdruck Min. Burst Pressure		Min. Biegeradius Min. Bend Radius	Bestellzeichen Order-Code
mm	in.	mm	mm	g/m	bar	P.S.I.	bar	P.S.I.	mm	
05	3/16“	4,8	10,0	72	350	5075	1400	20300	35	Hose R8-DN 05
06	1/4“	6,4	11,8	86	350	5075	1400	20300	50	Hose R8-DN 06
08	5/16“	8,0	14,3	126	325	4710	1300	18850	60	Hose R8-DN 08
10	3/8“	9,7	16,0	149	280	4060	1120	16240	80	Hose R8-DN 10
12	1/2“	13,0	20,3	225	245	3550	980	14210	95	Hose R8-DN 12

PTFE - SCHLAUCH
PTFE - HOSE

Pressfassung: PF-PTFE - Rubrik 2.8

Mit glatter, dicker PTFE-Seele
Druckträger: Eine Klöppellage aus rostfreiem Stahl - 1.4301
Max. Betriebstemperatur: -60°C bis +260°C
Die angegebenen Betriebsdrücke gelten für Arbeitstemperaturen von +20°C bis +50°C.

Swage Ferrule: PF-PTFE - Category 2.8

With flat, thick PTFE-Tube (Heavy Wall)
Reinforcement: One Braid of Stainless Wire - AISI 304
Max. Operating Temperature: -60° to +260°C
The working pressure apply to working temperatures from +20°C to +50°C.

DN DN	Größe Hose Size	I.D.+/-0,5 I.D.+/-0,5	A.D. +/-0,5 A.D. +/-0,5	Gewicht Weight	Max. Betriebsdruck Max. Working Pressure		Min. Biegeradius Min. Bend Radius	Bemerkungen Notes	Bestellzeichen Order-Code
mm	in.	mm	mm	g/m	bar	P.S.I.	mm		
05	3/16“	5,0	8,2	83	240	3480	45		Hose PT1W-DN 05
06	1/4“	6,7	10,0	126	240	3480	100		Hose PT1W-DN 06
08	5/16“	8,2	11,7	172	200	2900	120		Hose PT1W-DN 08
10	3/8“	10,3	13,8	223	175	2530	140		Hose PT1W-DN 10
12	1/2“	13,0	17,0	293	150	2170	160		Hose PT1W-DN 12
16	5/8“	16,0	20,2	360	135	1950	190		Hose PT1W-DN 16
19	3/4“	19,0	23,2	423	110	1590	230		Hose PT1W-DN 19
25	1“	25,4	30,3	640	80	1160	300		Hose PT1W-DN 25

PTFE - WELL - SCHLAUCH
PTFE - CONVOLUTED -HOSE

Pressfassung: PF-W-PTFE - Rubrik 2.9

PTFE-Wellschlauch mit 1 Klöppellage
Max. Betriebstemperatur: -60°C bis +260°C
Die angegebenen Betriebsdrücke gelten für Arbeitstemperaturen von +20°C bis +50°C.

Swage Ferrule: PF-W-PTFE - Category 2.9

PTFE-Convoluted-Hose with 1 braid
Max. Operating Temperature: -60°C to +260°C
The working pressure apply to working temperatures from +20°C to +50°C.

DN DN	Größe Hose Size	Tol. Tol.	A.D. O.D.	Max. Betriebsdruck Max. Working Pressure		Min. Biegeradius Min. Bend Radius	Bemerkungen Notes	Bestellzeichen Order-Code
mm	in.	mm	mm	bar	P.S.I.	mm		
06	1/4“	+/-0,5	11,6	130	1880	18		Hose PT3W-DN 06
08	5/16“	+/-0,5	12,7	120	1740	19		Hose PT3W-DN 08
10	3/8“	+/-0,6	15,6	110	1590	20		Hose PT3W-DN 10
12	1/2“	+/-0,8	18,9	100	1450	25		Hose PT3W-DN 12
16	5/8“	+/-0,8	22,2	70	1010	50		Hose PT3W-DN 16
19	3/4“	+/-1,1	26,4	60	870	65		Hose PT3W-DN 19
25	1“	+/-1,3	33,0	40	580	90		Hose PT3W-DN 25
31	1 1/4“	+/-1,5	40,5	30	430	127		Hose PT3W-DN 31

Notizen
Notes

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