

Edelstahl L

Hochdruck-Verschraubungen

Acier inoxydable L

Raccords à haute pression

Stainless steel L

High pressure unions

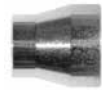


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Abschlusszapfen
Bouchon d'arrêt
Plug



SO 50002

Gerade Schottverschraubung
Union double traversée de cloison
Panel mount union



SOL 51521

T-Verschraubung
Té égal
Tee union



SOL 53021

Armaturenanschluss
Ecrou et bague de raccordement
Nut connection



SOL 50021

Einstellbare Einschraubverschraubung
Union mâle orientable
Adjustable male adaptor union



SOL 51625

Einstellbare T- und L-Verschraubung
Té et L orientable
Adjustable tee and L union



SOL 53621 T

Gerade Verschraubung
Union double
Straight union



SOL 51021

Reduktions-Einstellverschraubung
Raccord de réduction orientable
Adjustable reduction union



SOL 51821

Kreuzverschraubung
Croix égale
Cross union



SOL 54021

Gerade Einschraubverschraubung
Union mâle
Male adaptor union



SOL 51121

Winkelverschraubung
Coude
Elbow union



SOL 52021

Sonderausführungen auf Anfrage
Exécution en option sur demande
Optional services on request



Spezialreinigung - entfettet
Traitement spécial - dégraissé
Special treatment - degreased



Spezialbehandlung für Einsatz mit Sauerstoff
Traitement spécial pour utilisation sous oxygène
Special treatment for use with oxygen



Spezialbehandlung - silikonfrei
Traitement spécial - sans silicone
Special treatment - silicone free



Vorbeschichtete Gewinde mit Loctite 5061
Filetages pré enduits avec Loctite 5061
Pre-coated threads with Loctite 5061

Gerade Aufschraubverschraubung
Union femelle
Female adaptor union



SOL 51221

Winkel-Einschraubverschraubung
Coude mâle
Male adaptor elbow union



SOL 52421

Verbindungsstutzen
Pièce folle
Tube stub



SOL 51300

Einstellbare Winkelverschraubung
Coude orientable
Adjustable elbow union



SOL 52621

Einstellbare Verschraubung
Union orientable
Adjustable union



SOL 51325

Winkel-Schottverschraubung
Coude traversée de cloison
Panel mount elbow union



SOL 52721

Anschweißverschraubung
Union avec embout à souder
Weld-on union



SOL 51429

Schwenverschraubung
Coude banjo
Single banjo



SOL 52824



Edelstahl L

Acier inoxydable L

Stainless steel L

Eigenschaften, Besonderheiten

- hohe Druckbeständigkeit
- einfache, robuste Montage dank Anzugsbegrenzung
- korrosionsbeständig
- kompakte Bauform
- sehr gute Vibrationsresistenz

Werkstoff

Edelstahl 1.4571 (≈ AISI 316 Ti),
Legierung X6CrNiMoTi17-12-2,
DIN EN 10088-3

Betriebsdruck PN (stat.)

200 – 400 bar, Details siehe Produkttabellen
(4-fache Sicherheit)

Temperaturbereich

-196 °C bis +500 °C, bis +600 °C auf Anfrage

Helium-Leckrate

10⁸ mbar • l/s *

Vakuum

10⁶ mbar

Anzuschliessende Rohre

Nahtlose Präzisionsrohre aus Edelstahl
(DIN EN 10216-5/EN ISO 1127) mit
sauberer, glatter Oberfläche. Toleranz
Aussendurchmesser ± 0.1 mm. Siehe auch
Kapitel i und Kapitel 19. Weitere Materialien
auf Anfrage.

Abnahmeprüfzeugnis

Abnahmeprüfzeugnis 3.1 nach EN 10204
(kostenpflichtig)

Zulassungen/Zertifizierungen

DVGW, SVGW

Bestätigungen

FDA für FKM-O-Ringe

Einschraubzapfen, Gewinde

Rohrgewinde (Zoll) und metrisches Fein-
gewinde DIN 3852, kegelig nach Form C, mit
Dichtkante nach Form B. NPT-Gewinde nach
ANSI B1.20.1.

Zum Abdichten der kegeligen Einschraub-
gewinde empfehlen wir Loctite® 5061.

Druckauswertungsgrad in % des PN

| °C | | | | | | | | |
|-------|-------|------|-------|------|------|------|------|--|
| -196° | -110° | -60° | 0° | 300° | 400° | 450° | 500° | 600° |
| 50 % | 70 % | | 100 % | | 75 % | 60 % | 50 % | auf Anfrage sur demande on request |

* bei fachgerechter Montage können Werte von
10⁹ mbar • l/s erreicht werden; siehe Kapitel i:
- Montageanleitung
- Rohrempfehlungen

Propriétés, spécificités

- haute résistance de pression
- montage facile et solide grâce à la limitation de serrage
- résistant à la corrosion
- construction compacte
- très bonne résistance à la vibration

Matériau

Acier inoxydable 1.4571 (≈ AISI 316 Ti),
avec l'alliage X6CrNiMoTi17-12-2,
DIN EN 10088-3

Pression de service PN (stat.)

200 – 400 bar, détails voir tableaux des pro-
duits (facteur de sécurité 4)

Plage de température admissible

-196 °C à +500 °C, jusqu'à +600 °C sur demande

Débit de fuite avec hélium

10⁸ mbar • l/s *

Vide

10⁶ mbar

Tubes a utiliser

Tubes en acier inoxydable sans soudure (selon
DIN EN 10216-5/EN ISO 1127), avec
surface propre et lisse. Tolérance du diamètre
extérieur de ± 0.1 mm. Voir aussi chapitre i et
chapitre 19. Autres matériaux sur demande.

Certificat de réception

Certificat de réception selon EN 10204
(payant)

Certifications

DVGW, SVGW

Confirmations

FDA pour les joints toriques FKM

Embouts mâles, filetages

Filetage-gaz (BSP) et filetage métrique à pas
fin DIN 3852; conique selon forme C; filetage
d'étanchéité selon forme B. Filetage NPT selon
ANSI B1.20.1.

Pour assurer l'étanchéité des filetages mâles
coniques, nous recommandons Loctite® 5061.

Coefficient de pression de service admissible en % de PN

Characteristics, specifications

- high pressure resistance
- easy, robust assembly due to tightening limitation
- corrosion resistant
- compact design
- very good resistance to vibration

Material

Stainless steel 1.4571 (≈ AISI 316 Ti)
with alloy X6CrNiMoTi17-12-2,
DIN EN 10088-3

Working pressure PN (stat.)

200 – 400 bar; for details, see product tables
(safety factor 4)

Temperature range

-196 °C to +500 °C, up to +600 °C on request

Leak rate with helium

10⁸ mbar • l/s *

Vacuum

10⁶ mbar

Tubes to use

Stainless steel seamless precision tubes (to
DIN EN 10216-5/EN ISO 1127) with clean
smooth surface. Tolerance of outside diameter
± 0.1 mm. See also chapter i and chapter 19.
Further materials on request.

Inspection certificate

Inspection certificate 3.1 according to
EN 10204 (with costs)

Approvals

DVGW, SVGW

Confirmations

FDA for FKM O-rings

Adaptor stem, male thread

British Standard Pipe (BSP) and metric fine
thread DIN 3852; tapered form C; thread
with edge seal form B. NPT-thread according to
ANSI/B1.20.1.

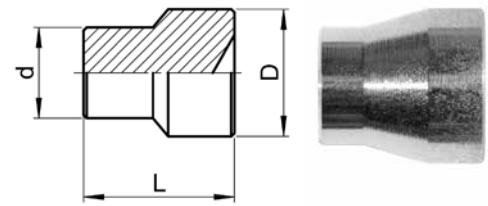
For sealing of the tapered male adaptor thread
we recommend Loctite® 5061.

Pressure coefficient % of PN

Abschlusszapfen

Bouchon d'arrêt

Plug



SO 50002

| Type -d | Mat.-Nr. | L | D | kg/100 |
|---------------------|----------------------|------|------------------|--------|
| Für metrische Rohre | Pour tubes métriques | | For metric tubes | |
| SO 50002-6 | 056.0020.060 | 9.5 | 8.3 | 0.310 |
| SO 50002-8 | 056.0020.080 | 10.0 | 10.3 | 0.530 |
| SO 50002-10 | 056.0020.100 | 13.0 | 12.3 | 0.960 |
| SO 50002-12 | 056.0020.120 | 14.0 | 13.6 | 1.400 |
| SO 50002-15 | 056.0020.150 | 16.5 | 16.6 | 2.460 |
| SOL 50002-16 | 076.0020.160 | 19.0 | 18.5 | 3.380 |
| SO 50002-18 | 056.0020.180 | 19.0 | 20.5 | 4.290 |
| Für Zollrohre | Pour tubes pouces | | For inch tubes | |
| SO 50002-6,35 | 056.0020.063 | 9.5 | 8.3 | 0.310 |
| SO 50002-9,52 | 056.0020.095 | 13.0 | 12.3 | 0.950 |
| SO 50002-12,7 | 056.0020.127 | 15.5 | 16.6 | 1.900 |

Umrechnung für "d" bei Zollrohren:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion de "d" pour tubes en pouces:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4

9,52 = 3/8

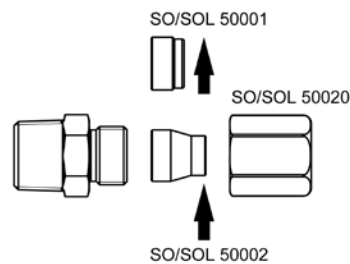
12,7 = 1/2

Anwendungsbeispiele:

Der Abschlusszapfen lässt sich in jede Verschraubung anstelle eines Klemmringes der gleichen Grösse einsetzen. Wird ein reduzierter Klemmring durch einen Abschlusszapfen ersetzt, so muss immer von der Grösse der Anschlussmutter ausgegangen werden.

Montagehinweis: Anschlussmutter mit 1/4 Umdrehung anziehen.

Exemples d'utilisation:



Le bouchon d'arrêt s'insère dans tout raccord au lieu d'une bague de serrage de la même taille. Si une bague de serrage de réduction est remplacée par un bouchon d'arrêt, la taille de l'écrou de raccordement doit toujours être prise en compte.

Note d'installation: Serrez l'écrou d'accouplement de 1/4 de tour.

Sample combinations:

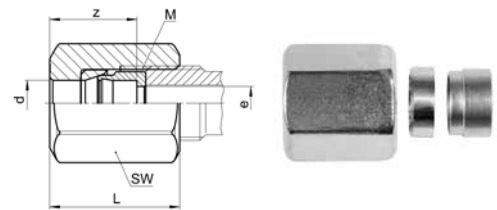
The plug can be inserted into all unions instead of a compression ferrule of the same size. If a reduction compression ferrule is replaced by a plug, the size of the union nut must be used as a basis.

Assembly information: Tighten the union nut with 1/4 turn.

Armaturenanschluss

Ecrou et bague de raccordement

Nut connection



SOL 50021

| Type -d | Mat.-Nr. | bar | M | SW | L | z | e | kg/100 |
|---------------------|----------------------|-----|--------|------------------|------|------|------|--------|
| Für metrische Rohre | Pour tubes métriques | | | For metric tubes | | | | |
| SOL 50021-6 | 076.0210.060 | 400 | 10x1.0 | 14 | 17.5 | 10.0 | 4.5 | 1.650 |
| SOL 50021-8 | 076.0210.080 | 330 | 12x1.0 | 17 | 18.5 | 10.5 | 6.5 | 2.500 |
| SOL 50021-10 | 076.0210.100 | 330 | 14x1.0 | 19 | 20.5 | 12.5 | 8.5 | 3.270 |
| SOL 50021-12 | 076.0210.120 | 330 | 16x1.0 | 22 | 21.5 | 13.5 | 10.0 | 4.600 |
| SOL 50021-15 | 076.0210.150 | 250 | 20x1.5 | 27 | 25.0 | 15.0 | 13.0 | 7.860 |
| SOL 50021-16 | 076.0210.160 | 200 | 24x1.5 | 30 | 26.5 | 18.5 | 14.0 | 10.400 |
| SOL 50021-18 | 076.0210.180 | 200 | 24x1.5 | 30 | 26.5 | 17.5 | 16.0 | 9.500 |
| Für Zollrohre | Pour tubes pouces | | | For inch tubes | | | | |
| SOL 50021-6,35 | 076.0210.063 | 400 | 10x1.0 | 14 | 17.5 | 10.5 | 4.5 | 1.700 |
| SOL 50021-9,52 | 076.0210.095 | 330 | 14x1.0 | 19 | 20.5 | 12.5 | 8.0 | 3.600 |
| SOL 50021-12,7 | 076.0210.127 | 330 | 20x1.5 | 27 | 25.0 | 15.0 | 11.0 | 8.700 |

Umrechnung für "d" bei Zollrohren:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion de "d" pour tubes en pouces:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4

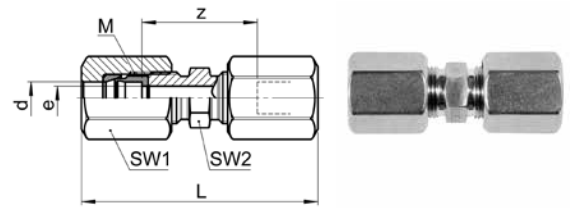
9,52 = 3/8

12,7 = 1/2

Gerade Verschraubung

Union double

Straight union



SOL 51021

| Type -d | Mat.-Nr. | bar | M | SW1 | SW2 | L | z | e | kg/100 |
|---------------------|----------------------|-----|------------------|-----|-----|------|------|------|--------|
| Für metrische Rohre | Pour tubes métriques | | For metric tubes | | | | | | |
| SOL 51021-6 | 078.1020.060 | 400 | 10x1.0 | 14 | 10 | 42.0 | 22.5 | 4.5 | 4.180 |
| SOL 51021-8 | 078.1020.080 | 330 | 12x1.0 | 17 | 12 | 46.0 | 25.0 | 6.5 | 6.250 |
| SOL 51021-10 | 078.1020.100 | 330 | 14x1.0 | 19 | 14 | 51.0 | 26.0 | 8.5 | 8.190 |
| SOL 51021-12 | 078.1020.120 | 330 | 16x1.0 | 22 | 17 | 53.0 | 26.5 | 10.0 | 11.340 |
| SOL 51021-15 | 078.1020.150 | 250 | 20x1.5 | 27 | 22 | 62.0 | 31.5 | 13.0 | 19.520 |
| SOL 51021-16 | 078.1020.160 | 200 | 24x1.5 | 30 | 24 | 70.0 | 33.0 | 14.0 | 26.460 |
| SOL 51021-18 | 078.1020.180 | 200 | 24x1.5 | 30 | 24 | 67.0 | 33.0 | 15.0 | 24.660 |
| Für Zollrohre | Pour tubes pouces | | For inch tubes | | | | | | |
| SOL 51021-6,35 | 078.1020.063 | 400 | 10x1.0 | 14 | 10 | 43.0 | 22.5 | 4.5 | 4.300 |
| SOL 51021-9,52 | 078.1020.095 | 330 | 14x1.0 | 19 | 14 | 51.0 | 26.0 | 8.0 | 8.900 |
| SOL 51021-12,7 | 078.1020.127 | 330 | 20x1.5 | 27 | 22 | 62.0 | 32.0 | 11.0 | 21.700 |

Umrechnung für "d" bei Zollrohren:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion de "d" pour tubes en pouces:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4

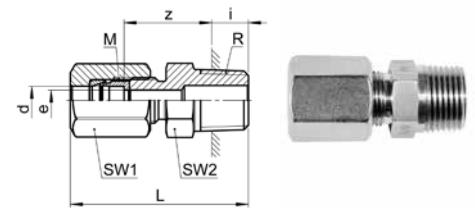
9,52 = 3/8

12,7 = 1/2

Gerade Einschraubverschraubung

Union mâle

Male adaptor union



SOL 51121

| Type -d -R | Mat.-Nr. | bar | M | SW1 | SW2 | L | i | z | e | kg/100 |
|--|--|--|--------|-----|-----|------|------|------|------|--------|
| Für metrische Rohre R=Rohrgewinde (kegelig) | Pour tubes métriques R=Filetage-gaz BSP (conique) | For metric tubes R=BSP thread (tapered) | | | | | | | | |
| SOL 51121-6-1/8 | 078.1101.100 | 400 | 10x1.0 | 14 | 10 | 31.0 | 5.0 | 17.0 | 4.5 | 2.550 |
| SOL 51121-6-1/4 | 078.1101.110 | 400 | 10x1.0 | 14 | 14 | 37.0 | 8.0 | 21.0 | 4.5 | 3.650 |
| SOL 51121-6-3/8 | 078.1101.120 | 400 | 10x1.0 | 14 | 17 | 37.0 | 8.0 | 20.6 | 4.5 | 4.040 |
| SOL 51121-6-1/2 | 078.1101.125 | 400 | 10x1.0 | 14 | 22 | 42.0 | 10.0 | 23.8 | 4.5 | 6.160 |
| SOL 51121-8-1/8 | 078.1101.160 | 330 | 12x1.0 | 17 | 12 | 32.5 | 5.0 | 18.0 | 6.0 | 3.540 |
| SOL 51121-8-1/4 | 078.1101.170 | 330 | 12x1.0 | 17 | 14 | 38.5 | 8.0 | 22.0 | 6.5 | 4.430 |
| SOL 51121-8-3/8 | 078.1101.180 | 330 | 12x1.0 | 17 | 17 | 38.5 | 8.0 | 21.6 | 6.5 | 4.520 |
| SOL 51121-8-1/2 | 078.1101.185 | 330 | 12x1.0 | 17 | 22 | 43.5 | 10.0 | 24.8 | 6.5 | 7.050 |
| SOL 51121-10-1/4 | 078.1101.270 | 330 | 14x1.0 | 19 | 14 | 40.5 | 8.0 | 22.0 | 8.5 | 5.020 |
| SOL 51121-10-3/8 | 078.1101.280 | 330 | 14x1.0 | 19 | 17 | 40.5 | 8.0 | 21.6 | 8.5 | 6.130 |
| SOL 51121-10-1/2 | 078.1101.285 | 330 | 14x1.0 | 19 | 22 | 45.5 | 10.0 | 24.8 | 8.5 | 9.290 |
| SOL 51121-12-1/4 | 078.1101.380 | 330 | 16x1.0 | 22 | 17 | 41.5 | 8.0 | 22.0 | 8.5 | 6.980 |
| SOL 51121-12-3/8 | 078.1101.390 | 330 | 16x1.0 | 22 | 17 | 41.5 | 8.0 | 21.6 | 10.0 | 7.180 |
| SOL 51121-12-1/2 | 078.1101.400 | 330 | 16x1.0 | 22 | 22 | 46.5 | 10.0 | 24.8 | 10.0 | 10.050 |
| SOL 51121-15-3/8 | 078.1101.532 | 250 | 20x1.5 | 27 | 22 | 45.5 | 8.0 | 24.1 | 10.5 | 12.490 |
| SOL 51121-15-1/2 | 078.1101.534 | 250 | 20x1.5 | 27 | 22 | 50.5 | 10.0 | 27.3 | 13.0 | 12.680 |
| SOL 51121-16-1/2 | 078.1101.566 | 200 | 24x1.5 | 30 | 24 | 55.0 | 10.0 | 28.3 | 13.5 | 16.500 |
| SOL 51121-16-3/4 | 078.1101.568 | 200 | 24x1.5 | 30 | 27 | 55.0 | 12.0 | 27.0 | 14.0 | 17.680 |
| SOL 51121-18-1/2 | 078.1101.646 | 200 | 24x1.5 | 30 | 24 | 53.0 | 10.0 | 28.3 | 13.5 | 15.100 |
| SOL 51121-18-3/4 | 078.1101.648 | 200 | 24x1.5 | 30 | 27 | 54.0 | 12.0 | 27.0 | 15.0 | 16.280 |

Für Zollrohre

Pour tubes pouces

For inch tubes

| | | | | | | | | | | |
|--------------------|--------------|-----|--------|----|----|------|------|------|------|-------|
| SOL 51121-6,35-1/8 | 078.1101.135 | 400 | 10x1.0 | 14 | 10 | 31.0 | 5.0 | 25.0 | 4.5 | 2.600 |
| SOL 51121-6,35-1/4 | 078.1101.140 | 400 | 10x1.0 | 14 | 14 | 37.0 | 8.0 | 19.0 | 4.5 | 3.700 |
| SOL 51121-6,35-3/8 | 078.1101.145 | 400 | 10x1.0 | 14 | 17 | 37.0 | 8.0 | 21.0 | 4.5 | 4.100 |
| SOL 51121-6,35-1/2 | 078.1101.150 | 400 | 10x1.0 | 14 | 22 | 42.0 | 10.0 | 22.0 | 4.5 | 6.700 |
| SOL 51121-9,52-1/4 | 078.1101.230 | 330 | 14x1.0 | 19 | 14 | 40.0 | 8.0 | 22.0 | 8.0 | 5.500 |
| SOL 51121-9,52-3/8 | 078.1101.235 | 330 | 14x1.0 | 19 | 17 | 40.0 | 8.0 | 22.0 | 8.0 | 6.600 |
| SOL 51121-9,52-1/2 | 078.1101.240 | 330 | 14x1.0 | 19 | 22 | 45.0 | 10.0 | 23.0 | 8.0 | 8.700 |
| SOL 51121-12,7-1/2 | 078.1101.434 | 330 | 20x1.5 | 27 | 22 | 48.5 | 10.0 | 27.5 | 11.0 | 9.600 |

Umrechnung für "d" bei Zollrohren:

6,35 = 1/4
9,52 = 3/8
12,7 = 1/2

Conversion de "d" pour tubes en pouces:

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9,52 = 3/8
12,7 = 1/2

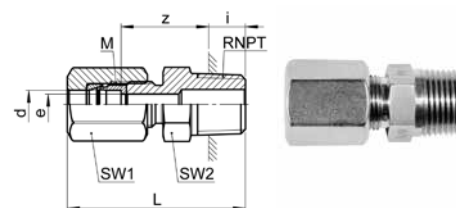
Conversion for "d" for inch tubes:

6,35 = 1/4
9,52 = 3/8
12,7 = 1/2

Gerade Einschraubverschraubung NPT

Union mâle NPT

Male adaptor union NPT



SOL 51121 NPT

| Type -d -RNPT | Mat.-Nr. | bar | M | SW1 | SW2 | L | i | z | e | kg/100 |
|----------------------|----------------------|-----|--------|------------------|-----|------|------|------|------|--------|
| Für metrische Rohre | Pour tubes métriques | | | For metric tubes | | | | | | |
| RNPT=NPT Gewinde | RNPT=Filetage NPT | | | RNPT=NPT thread | | | | | | |
| SOL 51121-6-1/8 NPT | 078.1102.100 | 400 | 10x1.0 | 14 | 12 | 34.0 | 7.0 | 19.9 | 4.5 | 2.820 |
| SOL 51121-6-1/4 NPT | 078.1102.110 | 400 | 10x1.0 | 14 | 14 | 39.0 | 10.0 | 23.2 | 4.5 | 3.830 |
| SOL 51121-8-1/8 NPT | 078.1102.160 | 330 | 12x1.0 | 17 | 12 | 35.5 | 7.0 | 20.9 | 6.0 | 4.120 |
| SOL 51121-8-1/4 NPT | 078.1102.170 | 330 | 12x1.0 | 17 | 14 | 40.5 | 10.0 | 24.2 | 6.5 | 4.600 |
| SOL 51121-8-3/8 NPT | 078.1102.180 | 330 | 12x1.0 | 17 | 17 | 40.5 | 10.0 | 23.9 | 6.5 | 5.450 |
| SOL 51121-8-1/2 NPT | 078.1102.185 | 330 | 12x1.0 | 17 | 22 | 46.5 | 14.0 | 27.9 | 6.5 | 7.090 |
| SOL 51121-10-1/4 NPT | 078.1102.270 | 330 | 14x1.0 | 19 | 14 | 42.5 | 10.0 | 24.2 | 8.5 | 5.130 |
| SOL 51121-10-1/2 NPT | 078.1102.285 | 330 | 14x1.0 | 19 | 22 | 48.5 | 14.0 | 27.9 | 8.5 | 9.760 |
| SOL 51121-12-1/4 NPT | 078.1102.380 | 330 | 16x1.0 | 22 | 17 | 43.5 | 10.0 | 24.2 | 8.5 | 7.040 |
| SOL 51121-12-3/8 NPT | 078.1102.390 | 330 | 16x1.0 | 22 | 17 | 43.5 | 10.0 | 23.9 | 10.0 | 7.330 |
| SOL 51121-12-1/2 NPT | 078.1102.400 | 330 | 16x1.0 | 22 | 22 | 49.5 | 14.0 | 27.9 | 10.0 | 10.520 |
| SOL 51121-12-3/4 NPT | 078.1102.405 | 330 | 16x1.0 | 22 | 27 | 52.5 | 14.0 | 30.4 | 10.0 | 11.390 |
| SOL 51121-15-1/2 NPT | 078.1102.534 | 250 | 20x1.5 | 27 | 22 | 53.0 | 14.0 | 30.4 | 13.0 | 13.040 |
| SOL 51121-16-1/2 NPT | 078.1102.566 | 200 | 24x1.5 | 30 | 24 | 57.5 | 14.0 | 31.4 | 13.5 | 20.850 |
| SOL 51121-18-1/2 NPT | 078.1102.646 | 200 | 24x1.5 | 30 | 24 | 56.0 | 14.0 | 31.4 | 13.5 | 19.950 |

Für Zollrohre

Pour tubes pouces

For inch tubes

| | | | | | | | | | | |
|------------------------|--------------|-----|--------|----|----|------|------|------|------|--------|
| SOL 51121-6,35-1/8 NPT | 078.1102.135 | 400 | 10x1.0 | 14 | 12 | 33.0 | 7.0 | 20.0 | 4.5 | 3.000 |
| SOL 51121-6,35-1/4 NPT | 078.1102.140 | 400 | 10x1.0 | 14 | 14 | 38.0 | 10.0 | 23.5 | 4.5 | 4.000 |
| SOL 51121-9,52-1/4 NPT | 078.1102.230 | 330 | 14x1.0 | 19 | 14 | 47.0 | 10.0 | 24.5 | 8.0 | 5.700 |
| SOL 51121-9,52-1/2 NPT | 078.1102.240 | 330 | 14x1.0 | 19 | 22 | 48.0 | 14.0 | 28.0 | 8.0 | 10.600 |
| SOL 51121-12,7-1/2 NPT | 078.1102.434 | 330 | 20x1.5 | 27 | 22 | 50.0 | 14.0 | 30.5 | 11.0 | 14.900 |

Umrechnung für "d" bei Zollrohren:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion de "d" pour tubes en pouces:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Gerade Einschraubverschraubung

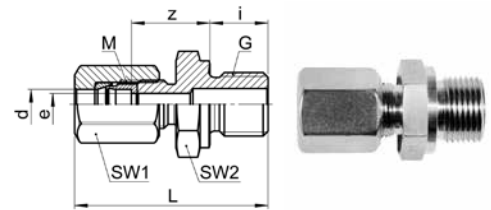
mit Dichtkante

Union mâle

avec arête d'étanchéité

Male adaptor union

with edge seal



SOL 51124

| Type - d - G | Mat.-Nr. | bar | M | SW1 | SW2 | L | D | i | t | z | e | kg/100 |
|-----------------------------|----------------------------------|-----|--------|-----|-----|-------------------------|------|------|-----|------|------|--------|
| Für metrische Rohre | Pour tubes métriques | | | | | For metric tubes | | | | | | |
| G=Rohrgewinde (zylindrisch) | G=Filetage-gaz BSP (cylindrique) | | | | | G=BSP thread (parallel) | | | | | | |
| SOL 51124-6-1/8 | 078.1141.100 | 400 | 10x1.0 | 14 | 14 | 32.5 | 14.5 | 8.0 | 1.0 | 14.5 | 4.5 | 2.900 |
| SOL 51124-6-1/4 | 078.1141.110 | 400 | 10x1.0 | 14 | 19 | 38.0 | 18.5 | 12.0 | 1.5 | 16.0 | 4.5 | 4.400 |
| SOL 51124-6-3/8 | 078.1141.120 | 400 | 10x1.0 | 14 | 22 | 39.5 | 22.5 | 12.0 | 2.0 | 17.5 | 4.5 | 4.400 |
| SOL 51124-6-1/2 | 078.1141.125 | 400 | 10x1.0 | 14 | 27 | 42.0 | 27.0 | 14.0 | 2.5 | 18.0 | 4.5 | 7.600 |
| SOL 51124-8-1/8 | 078.1141.160 | 330 | 12x1.0 | 17 | 14 | 34.0 | 14.5 | 8.0 | 1.0 | 15.5 | 5.0 | 5.200 |
| SOL 51124-8-1/4 | 078.1141.170 | 330 | 12x1.0 | 17 | 19 | 39.5 | 18.5 | 12.0 | 1.5 | 17.0 | 6.5 | 4.400 |
| SOL 51124-8-1/2 | 078.1141.185 | 330 | 12x1.0 | 17 | 27 | 43.5 | 27.0 | 14.0 | 2.5 | 19.0 | 6.5 | 8.200 |
| SOL 51124-10-1/4 | 078.1141.270 | 330 | 14x1.0 | 19 | 19 | 41.5 | 18.5 | 12.0 | 1.5 | 17.0 | 7.0 | 6.000 |
| SOL 51124-10-3/8 | 078.1141.280 | 330 | 14x1.0 | 19 | 22 | 43.0 | 22.5 | 12.0 | 2.0 | 18.5 | 8.5 | 7.500 |
| SOL 51124-10-1/2 | 078.1141.285 | 330 | 14x1.0 | 19 | 27 | 45.5 | 27.0 | 14.0 | 2.5 | 19.0 | 8.5 | 10.300 |
| SOL 51124-10-3/4 | 078.1141.290 | 330 | 14x1.0 | 19 | 32 | 48.5 | 33.0 | 16.0 | 2.5 | 20.0 | 8.5 | 12.600 |
| SOL 51124-12-1/4 | 078.1141.380 | 330 | 16x1.0 | 22 | 19 | 42.5 | 18.5 | 12.0 | 1.5 | 17.0 | 7.0 | 7.600 |
| SOL 51124-12-3/8 | 078.1141.390 | 330 | 16x1.0 | 22 | 22 | 44.0 | 22.5 | 12.0 | 2.0 | 18.5 | 10.0 | 8.400 |
| SOL 51124-12-1/2 | 078.1141.400 | 330 | 16x1.0 | 22 | 27 | 46.5 | 27.0 | 14.0 | 2.5 | 19.0 | 10.0 | 9.900 |
| SOL 51124-12-3/4 | 078.1141.405 | 330 | 16x1.0 | 22 | 32 | 49.5 | 33.0 | 16.0 | 2.5 | 20.0 | 10.0 | 12.100 |
| SOL 51124-15-1/2 | 078.1141.534 | 250 | 20x1.5 | 27 | 27 | 50.5 | 27.0 | 14.0 | 2.5 | 21.0 | 13.0 | 14.000 |
| SOL 51124-16-1/2 | 078.1141.566 | 200 | 24x1.5 | 30 | 27 | 53.5 | 27.0 | 14.0 | 2.5 | 21.0 | 13.5 | 18.200 |
| SOL 51124-16-1 | 078.1141.570 | 200 | 24x1.5 | 30 | 41 | 59.5 | 40.0 | 18.0 | 2.5 | 23.0 | 13.5 | 22.500 |
| SOL 51124-18-1/2 | 078.1141.646 | 200 | 24x1.5 | 30 | 27 | 52.0 | 27.0 | 14.0 | 2.5 | 21.5 | 13.5 | 16.700 |

| Für Zollrohre | Pour tubes pouces | | | | | For inch tubes | | | | | | |
|--------------------|-------------------|-----|--------|----|----|----------------|------|------|-----|------|------|--------|
| SOL 51124-6,35-1/8 | 078.1141.135 | 400 | 10x1.0 | 14 | 14 | 31.5 | 14.5 | 8.0 | 1.0 | 14.5 | 4.5 | 3.000 |
| SOL 51124-6,35-1/4 | 078.1141.140 | 400 | 10x1.0 | 14 | 19 | 38.5 | 18.5 | 12.0 | 1.5 | 16.0 | 4.5 | 3.000 |
| SOL 51124-6,35-3/8 | 078.1141.145 | 400 | 10x1.0 | 14 | 22 | 40.0 | 22.5 | 12.0 | 2.0 | 17.5 | 4.5 | 5.500 |
| SOL 51124-6,35-1/2 | 078.1141.150 | 400 | 10x1.0 | 14 | 27 | 42.5 | 27.0 | 14.0 | 2.5 | 18.0 | 4.5 | 7.700 |
| SOL 51124-9,52-1/4 | 078.1141.230 | 330 | 14x1.0 | 19 | 19 | 41.5 | 18.5 | 12.0 | 1.5 | 17.0 | 7.0 | 6.500 |
| SOL 51124-9,52-3/8 | 078.1141.235 | 330 | 14x1.0 | 19 | 22 | 43.0 | 22.5 | 12.0 | 2.0 | 18.5 | 8.0 | 7.900 |
| SOL 51124-9,52-1/2 | 078.1141.240 | 330 | 14x1.0 | 19 | 27 | 45.5 | 27.0 | 14.0 | 2.5 | 19.0 | 8.0 | 10.800 |
| SOL 51124-12,7-1/2 | 078.1141.434 | 330 | 20x1.5 | 27 | 27 | 50.5 | 27.0 | 14.0 | 2.5 | 21.5 | 11.0 | 15.300 |
| SOL 51124-12,7-3/4 | 078.1141.536 | 330 | 20x1.5 | 27 | 32 | 52.0 | 33.0 | 16.0 | 2.5 | 22.5 | 11.0 | 15.100 |

Umrechnung für "d" bei Zollrohren:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion de "d" pour tubes en pouces:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4

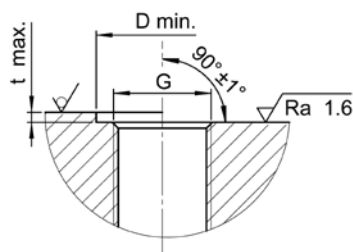
9,52 = 3/8

12,7 = 1/2

Einbauempfehlung:

Conseil de montage:

Recommendation for installation:



d=Rohrøussen-ø
e=kleinste Bohrung
L=Mass in montiertem Zustand

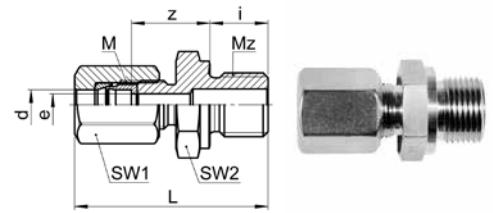
d=ø extérieur du tube
e=ø-min. de passage
L=après montage

d=tube outside diameter
e=minimum bore
L=installed length

Gerade Einschraubverschraubung METR

Union mâle METR

Male adaptor union METR



SOL 51124 METR

| Type -d -Mz | Mat.-Nr. | bar | M | SW1 | SW2 | L | i | z | e | kg/100 |
|-------------------------------------|--------------|-----|--------|-----|-----|------|-----|------|-----|--------|
| Für metrische Rohre | | | | | | | | | | |
| | | | | | | | | | | |
| Pour tubes métriques | | | | | | | | | | |
| | | | | | | | | | | |
| For metric tubes | | | | | | | | | | |
| Mz=metrisches Gewinde (zylindrisch) | | | | | | | | | | |
| | | | | | | | | | | |
| Mz=Filetage métrique (cylindrique) | | | | | | | | | | |
| | | | | | | | | | | |
| Mz=Metric thread (parallel) | | | | | | | | | | |
| SOL 51124-6-M5 | 078.1143.155 | 400 | 10x1.0 | 14 | 10 | 27.5 | 4.5 | 13.0 | 2.2 | 1.800 |
| Für Zollrohre | | | | | | | | | | |
| | | | | | | | | | | |
| Pour tubes pouces | | | | | | | | | | |
| | | | | | | | | | | |
| For inch tubes | | | | | | | | | | |
| SOL 51124-6,35-M5 | 078.1143.205 | 400 | 10x1.0 | 14 | 10 | 26.5 | 4.5 | 13.0 | 2.2 | 1.800 |

Umrechnung für "d" bei Zollrohren:
6,35 = 1/4

Conversion de "d" pour tubes en pouces:
6,35 = 1/4

Conversion for "d" for inch tubes:
6,35 = 1/4

Gerade Einschraubverschraubung

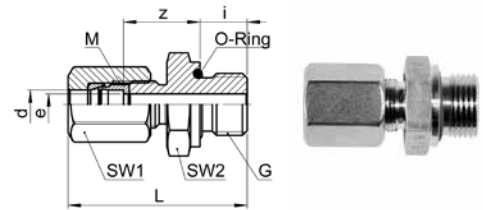
mit Conovor O-Ringabdichtung (FKM)

Union mâle

avec joint torique système Conovor (FKM)

Male adaptor union

with Conovor O-ring seal (FKM)



SOL 51124 OR

| Type -d-G | Mat.-Nr. | bar | M | SW1 | SW2 | L | D | i | t | O-Ring | z | e | kg/100 |
|-----------------------------|----------------------------------|-----|--------|-------------------------|-----|------|------|------|-----|------------|------|------|--------|
| Für metrische Rohre | Pour tubes métriques | | | For metric tubes | | | | | | | | | |
| G=Rohrgewinde (zylindrisch) | G=Filetage-gaz BSP (cylindrique) | | | G=BSP thread (parallel) | | | | | | | | | |
| SOL 51124-6-1/8 OR | 078.1171.100 | 400 | 10x1.0 | 14 | 14 | 32.5 | 14.5 | 8.0 | 1.0 | 8.73x1.78 | 14.5 | 4.5 | 2.960 |
| SOL 51124-6-1/4 OR | 078.1171.110 | 400 | 10x1.0 | 14 | 19 | 36.0 | 18.5 | 10.0 | 1.5 | 11.1x1.78 | 16.0 | 4.5 | 4.260 |
| SOL 51124-8-1/4 OR | 078.1171.170 | 330 | 12x1.0 | 17 | 19 | 37.5 | 18.5 | 10.0 | 1.5 | 11.1x1.78 | 17.0 | 6.5 | 5.150 |
| SOL 51124-10-1/4 OR | 078.1171.270 | 330 | 14x1.0 | 19 | 19 | 39.5 | 18.5 | 10.0 | 1.5 | 11.1x1.78 | 17.0 | 7.0 | 5.890 |
| SOL 51124-10-3/8 OR | 078.1171.280 | 330 | 14x1.0 | 19 | 22 | 41.0 | 22.5 | 10.0 | 1.5 | 14.0x1.78 | 18.5 | 8.5 | 7.390 |
| SOL 51124-12-3/8 OR | 078.1171.390 | 330 | 16x1.0 | 22 | 22 | 42.0 | 22.5 | 10.0 | 1.5 | 14.0x1.78 | 18.5 | 10.0 | 8.390 |
| SOL 51124-12-1/2 OR | 078.1171.400 | 330 | 16x1.0 | 22 | 27 | 44.5 | 27.0 | 12.0 | 2.5 | 18.72x2.62 | 19.0 | 10.0 | 9.790 |
| SOL 51124-15-1/2 OR | 078.1171.534 | 250 | 20x1.5 | 27 | 27 | 48.5 | 27.0 | 12.0 | 2.5 | 18.72x2.62 | 21.5 | 13.0 | 13.850 |
| SOL 51124-16-1/2 OR | 078.1171.566 | 200 | 24x1.5 | 30 | 27 | 52.0 | 27.0 | 12.0 | 2.5 | 18.72x2.62 | 21.5 | 13.0 | 17.850 |
| SOL 51124-18-1/2 OR | 078.1171.646 | 200 | 24x1.5 | 30 | 27 | 50.0 | 27.0 | 12.0 | 2.5 | 18.72x2.62 | 21.5 | 13.0 | 16.450 |

Für Zollrohre

Pour tubes pouces

For inch tubes

| | | | | | | | | | | | | | |
|-----------------------|--------------|-----|--------|----|----|------|------|------|-----|------------|------|------|--------|
| SOL 51124-6,35-1/8 OR | 078.1171.135 | 400 | 10x1.0 | 14 | 14 | 31.5 | 14.5 | 8.0 | 1.0 | 8.73x1.78 | 14.5 | 4.5 | 3.000 |
| SOL 51124-6,35-1/4 OR | 078.1171.140 | 400 | 10x1.0 | 14 | 19 | 35.0 | 18.5 | 10.0 | 1.5 | 11.1x1.78 | 16.0 | 4.5 | 4.300 |
| SOL 51124-9,52-1/4 OR | 078.1171.230 | 330 | 14x1.0 | 19 | 19 | 40.0 | 18.5 | 10.0 | 1.5 | 11.1x1.78 | 17.0 | 7.0 | 6.300 |
| SOL 51124-9,52-3/8 OR | 078.1171.235 | 330 | 14x1.0 | 19 | 22 | 41.0 | 22.5 | 10.0 | 1.5 | 14.0x1.78 | 18.5 | 8.0 | 7.600 |
| SOL 51124-12,7-1/2 OR | 078.1171.434 | 330 | 20x1.5 | 27 | 27 | 49.0 | 27.0 | 12.0 | 2.5 | 18.72x2.62 | 22.0 | 11.0 | 14.700 |

Umrechnung für "d" bei Zollrohren:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion de "d" pour tubes en pouces:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4

9,52 = 3/8

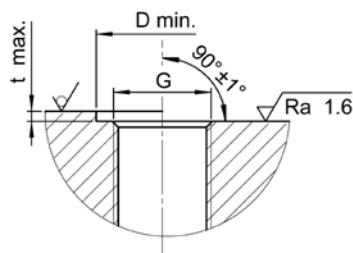
12,7 = 1/2

6

Einbauempfehlung:

Conseil de montage:

Recommendation for installation:


Einsatztemperaturbereich: -20 °C bis +200 °C

Die Vorteile dieser O-Ringabdichtung:

- keine Dichtmittelreste in Geräten
- einwandfreie Abdichtung
- keine Beschädigung von Geräten durch konische Gewinde
- schnelle Montage

Conovor patentierte O-Ring Abdichtung

Plage de température de service: -20 °C à +200 °C

Les avantages de cette étanchéité à joint torique:

- aucun reste de scellant dans les équipements
- une étanchéité parfaite
- aucun endommagement de l'équipement par le filetage conique
- facilité d'installation

Etanchéité à joint torique brevetée Conovor

Operating temperature range: -20 °C to +200 °C

Advantages of this O-ring seal:

- no sealing residues in devices
- perfect seal
- no damage to devices due to tapered thread
- rapid assembly

Conovor patented O-ring seal

d=Rohrassens-ø
e=kleinste Bohrung
L=Mass in montiertem Zustand

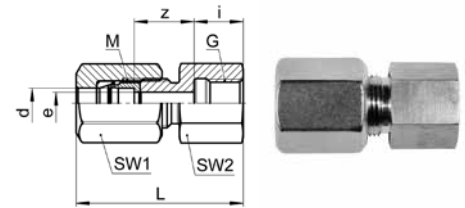
d=ø extérieur du tube
e=ø-min. de passage
L=après montage

d=tube outside diameter
e=minimum bore
L=installed length

Gerade Aufschraubverschraubung

Union femelle

Female adaptor union



SOL 51221

| Type -d -G | Mat.-Nr. | bar | M | SW1 | SW2 | L | i | z | e | kg/100 |
|-----------------------------|----------------------------------|-----|-------------------------|-----|-----|------|------|------|------|--------|
| Für metrische Rohre | Pour tubes métriques | | For metric tubes | | | | | | | |
| G=Rohrgewinde (zylindrisch) | G=Filetage-gaz BSP (cylindrique) | | G=BSP thread (parallel) | | | | | | | |
| SOL 51221-6-1/8 | 078.1201.100 | 400 | 10x1.0 | 14 | 14 | 32.0 | 10.0 | 12.0 | 4.5 | 3.000 |
| SOL 51221-6-1/4 | 078.1201.110 | 400 | 10x1.0 | 14 | 17 | 34.0 | 11.0 | 13.0 | 4.5 | 3.700 |
| SOL 51221-6-3/8 | 078.1201.120 | 400 | 10x1.0 | 14 | 22 | 35.0 | 12.0 | 13.0 | 4.5 | 5.200 |
| SOL 51221-6-1/2 | 078.1201.125 | 400 | 10x1.0 | 14 | 27 | 41.0 | 14.0 | 17.0 | 4.5 | 9.000 |
| SOL 51221-8-1/4 | 078.1201.170 | 330 | 12x1.0 | 17 | 17 | 35.5 | 11.0 | 14.0 | 6.5 | 4.500 |
| SOL 51221-10-1/4 | 078.1201.270 | 330 | 14x1.0 | 19 | 17 | 37.5 | 11.0 | 14.0 | 8.5 | 5.600 |
| SOL 51221-10-3/8 | 078.1201.280 | 330 | 14x1.0 | 19 | 22 | 38.5 | 12.0 | 14.0 | 8.5 | 6.900 |
| SOL 51221-10-1/2 | 078.1201.285 | 330 | 14x1.0 | 19 | 27 | 40.5 | 14.0 | 14.0 | 8.5 | 9.000 |
| SOL 51221-12-1/4 | 078.1201.380 | 330 | 16x1.0 | 22 | 17 | 38.5 | 11.0 | 14.0 | 10.0 | 6.900 |
| SOL 51221-12-3/8 | 078.1201.390 | 330 | 16x1.0 | 22 | 22 | 39.5 | 12.0 | 14.0 | 10.0 | 8.200 |
| SOL 51221-12-1/2 | 078.1201.400 | 330 | 16x1.0 | 22 | 27 | 41.5 | 14.0 | 14.0 | 10.0 | 10.200 |
| SOL 51221-15-1/2 | 078.1201.534 | 250 | 20x1.5 | 27 | 27 | 45.5 | 14.0 | 16.5 | 13.0 | 13.700 |
| SOL 51221-16-1/2 | 078.1201.566 | 200 | 24x1.5 | 30 | 27 | 49.0 | 14.0 | 16.5 | 14.0 | 17.500 |
| SOL 51221-18-1/2 | 078.1201.646 | 200 | 24x1.5 | 30 | 27 | 47.0 | 14.0 | 16.5 | 15.0 | 16.100 |

| Für Zollrohre | Pour tubes pouces | | For inch tubes | | | | | | | |
|--------------------|-------------------|-----|----------------|----|----|------|------|------|------|--------|
| SOL 51221-6,35-1/8 | 078.1201.135 | 400 | 10x1.0 | 14 | 14 | 32.0 | 10.0 | 12.0 | 4.5 | 3.200 |
| SOL 51221-6,35-1/4 | 078.1201.140 | 400 | 10x1.0 | 14 | 17 | 34.0 | 11.0 | 13.0 | 4.5 | 3.900 |
| SOL 51221-6,35-3/8 | 078.1201.145 | 400 | 10x1.0 | 14 | 22 | 35.0 | 12.0 | 13.0 | 4.5 | 5.400 |
| SOL 51221-6,35-1/2 | 078.1201.150 | 400 | 10x1.0 | 14 | 27 | 41.0 | 14.0 | 17.0 | 4.5 | 9.300 |
| SOL 51221-9,52-1/4 | 078.1201.230 | 330 | 14x1.0 | 19 | 17 | 38.0 | 11.0 | 14.0 | 8.0 | 6.000 |
| SOL 51221-9,52-3/8 | 078.1201.235 | 330 | 14x1.0 | 19 | 22 | 39.0 | 12.0 | 14.0 | 8.0 | 7.500 |
| SOL 51221-9,52-1/2 | 078.1201.240 | 330 | 14x1.0 | 19 | 27 | 40.0 | 14.0 | 14.0 | 8.0 | 9.600 |
| SOL 51221-12,7-1/2 | 078.1201.434 | 330 | 20x1.5 | 27 | 27 | 40.0 | 14.0 | 16.5 | 11.0 | 14.700 |

Umrechnung für "d" bei Zollrohren:
 6,35 = 1/4
 9,52 = 3/8
 12,7 = 1/2

Conversion de "d" pour tubes en pouces:
 6,35 = 1/4
 9,52 = 3/8
 12,7 = 1/2

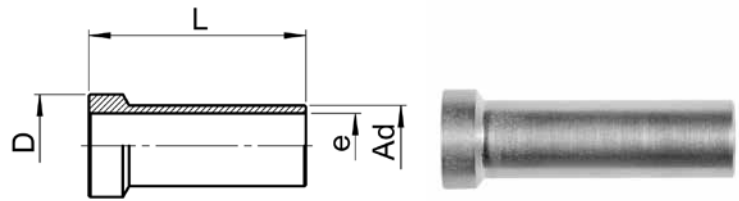
Conversion for "d" for inch tubes:
 6,35 = 1/4
 9,52 = 3/8
 12,7 = 1/2

Verbindungsrippel

Pièce folle

Tube stub

SOL 51300

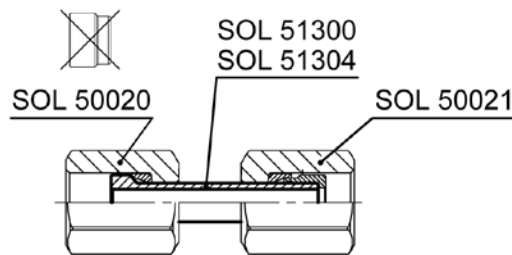


| Type -Ad | Mat.-Nr. | bar | L | D | e | kg/100 |
|---------------|--------------|-----|------|------|------|--------|
| SOL 51300-A6 | 076.1300.060 | 400 | 32.0 | 8.9 | 3.8 | 0.560 |
| SOL 51300-A8 | 076.1300.080 | 330 | 35.0 | 10.9 | 5.6 | 0.900 |
| SOL 51300-A10 | 076.1300.100 | 330 | 40.0 | 12.9 | 6.5 | 1.700 |
| SOL 51300-A12 | 076.1300.120 | 330 | 32.0 | 14.9 | 8.0 | 2.000 |
| SOL 51300-A15 | 076.1300.150 | 250 | 37.0 | 18.4 | 11.0 | 2.800 |
| SOL 51300-A16 | 076.1300.160 | 200 | 41.0 | 22.4 | 12.0 | 4.300 |
| SOL 51300-A18 | 076.1300.180 | 200 | 41.0 | 22.4 | 14.0 | 4.100 |

Anwendungsbeispiele:

Exemples d'utilisation:

Sample combinations:



Werden die Verbindungsrippel mit einer Anschlussmutter und einem Armaturenanschluss (Anschlussmutter und Klemmring) verbunden, ergibt dies eine einstellbare Verschraubung.

Auch vormontiert erhältlich (SOL 51325 / SOL 51326).

Montagehinweis: Auf Seite des angedrehten Klemmringes (links im Bild) Anschlussmutter mit 1/4 Umdrehung anziehen. Auf Seite des Armaturenanschlusses (rechts im Bild) Anschlussmutter mit 1 3/4 Umdrehung anziehen.

Si l'insert de la pièce folle est relié à un écrou et à un écrou de raccordement (écrou et bague de serrage), cela fournit une union orientable.

Aussi disponible pré-assemblé (SOL 51325 / SOL 51326).

Note d'installation: Serrez l'écrou sur le côté de la bague de serrage tournée (à gauche sur l'illustr.) de 1/4 de tour. Serrez l'écrou de l'autre côté (à droite sur l'illustr.) de 1 3/4 tour.

If the tube stubs are coupled with a union nut and a nut connection (union nut and compression ferrule), an adjustable union is produced.

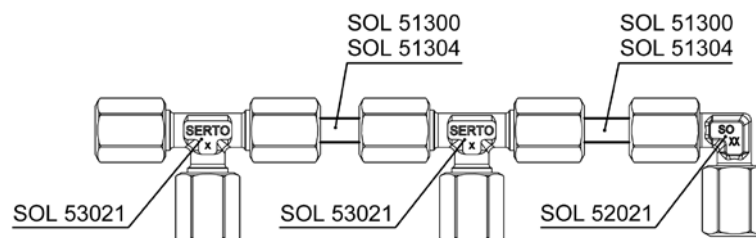
Also available pre-assembled (SOL 51325 / SOL 51326).

Assembly information: Tighten the union nut on the side of the turned compression ferrule (left in pict.) with 1/4 turn. Tighten the union nut on the other side (right in pict.) 1 3/4 turns.

Anwendungsbeispiele:

Exemples d'utilisation:

Sample combinations:



Mit der einstellbaren Verschraubung lassen sich Formteile mit dem gleichen Anschlussgewinde verbinden.

Avec l'union orientable, il est possible de connecter des raccords de même filetages.

With the adjustable union, parts with the same connecting thread can be connected.

Verbindungsrippel

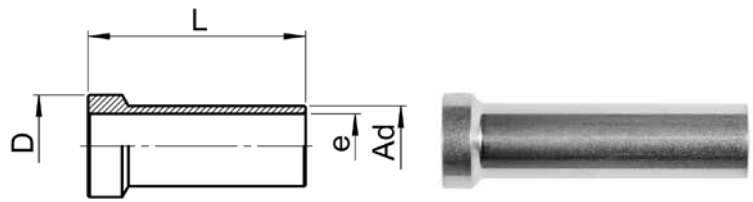
radial demontierbar

Pièce folle

démontable radialement

Tube stub

radial dismantling

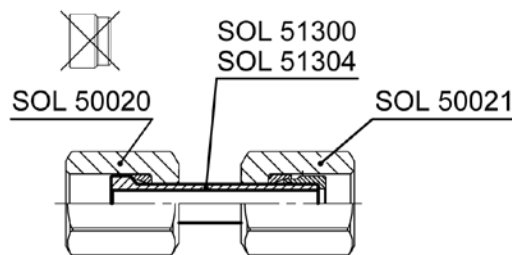
SOL 51304


| Type -Ad | Mat.-Nr. | bar | L | D | e | kg/100 |
|---------------|--------------|-----|------|------|-----|--------|
| SOL 51304-A6 | 076.1310.060 | 400 | 36.0 | 8.9 | 3.8 | 0.610 |
| SOL 51304-A8 | 076.1310.080 | 330 | 38.0 | 10.9 | 5.6 | 0.940 |
| SOL 51304-A10 | 076.1310.100 | 330 | 42.0 | 12.9 | 6.5 | 1.700 |
| SOL 51304-A12 | 076.1310.120 | 330 | 44.0 | 14.9 | 8.0 | 2.600 |

Anwendungsbeispiele:

Exemples d'utilisation:

Sample combinations:



Werden die Verbindungsrippel mit einer Anschlussmutter und einem Armaturenanschluss (Anschlussmutter und Klemmring) verbunden, ergibt dies eine einstellbare Verschraubung.

Auch vormontiert erhältlich (SOL 51325 / SOL 51326).

Montagehinweis: Auf Seite des angedrehten Klemmringes (links im Bild) Anschlussmutter mit 1/4 Umdrehung anziehen. Auf Seite des Armaturenanschlusses (rechts im Bild) Anschlussmutter mit 1 3/4 Umdrehung anziehen.

Si l'insert de la pièce folle est relié à un écrou et à un écrou de raccordement (écrou et bague de serrage), cela fournit une union orientable.

Aussi disponible pré-assemblé (SOL 51325 / SOL 51326).

Note d'installation: Serrez l'écrou sur le côté de la bague de serrage tournée (à gauche sur l'illustr.) de 1/4 de tour. Serrez l'écrou de l'autre côté (à droite sur l'illustr.) de 1 3/4 tour.

If the tube stubs are coupled with a union nut and a nut connection (union nut and compression ferrule), an adjustable union is produced.

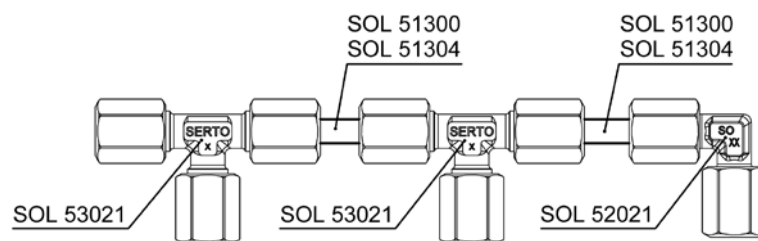
Also available pre-assembled (SOL 51325 / SOL 51326).

Assembly information: Tighten the union nut on the side of the turned compression ferrule (left in pict.) with 1/4 turn. Tighten the union nut on the other side (right in pict.) 1 3/4 turns.

Anwendungsbeispiele:

Exemples d'utilisation:

Sample combinations:



Mit der einstellbaren Verschraubung lassen sich Formteile mit dem gleichen Anschlussgewinde verbinden.

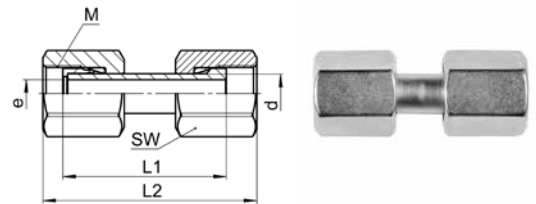
Avec l'union orientable, il est possible de connecter des raccords de même filetages.

With the adjustable union, parts with the same connecting thread can be connected.

Einstellbare Verschraubung

Union orientable

Adjustable union



SOL 51325

| Type-d | Mat.-Nr. | bar | M | SW | L1 | L2 | e | kg/100 |
|---------------|--------------|-----|--------|----|------|------|------|--------|
| SOL 51325-A6 | 078.1320.060 | 400 | 10x1.0 | 14 | 33.0 | 45.5 | 3.8 | 4.000 |
| SOL 51325-A8 | 078.1320.080 | 330 | 12x1.0 | 17 | 36.0 | 49.5 | 5.6 | 6.030 |
| SOL 51325-A10 | 078.1320.100 | 330 | 14x1.0 | 19 | 41.0 | 55.5 | 6.5 | 8.380 |
| SOL 51325-A12 | 078.1320.120 | 330 | 16x1.0 | 22 | 33.0 | 47.5 | 8.0 | 11.150 |
| SOL 51325-A15 | 078.1320.150 | 250 | 20x1.5 | 27 | 38.5 | 55.0 | 11.0 | 18.820 |
| SOL 51325-A16 | 078.1320.160 | 200 | 24x1.5 | 30 | 42.5 | 59.0 | 12.0 | 24.440 |
| SOL 51325-A18 | 078.1320.180 | 200 | 24x1.5 | 30 | 42.5 | 59.0 | 14.0 | 22.940 |

Einstellbare Verschraubung

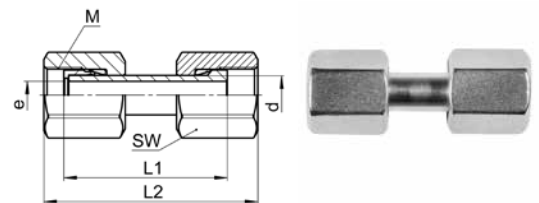
radial demontierbar

Union orientable

démontable radialement

Adjustable union

radial dismantling



SOL 51326

| Type-d | Mat.-Nr. | bar | M | SW | L1 | L2 | e | kg/100 |
|---------------|--------------|-----|--------|----|------|------|-----|--------|
| SOL 51326-A6 | 078.1330.060 | 400 | 10x1.0 | 14 | 37.0 | 49.5 | 3.8 | 4.050 |
| SOL 51326-A8 | 078.1330.080 | 330 | 12x1.0 | 17 | 39.0 | 53.0 | 5.6 | 6.090 |
| SOL 51326-A10 | 078.1330.100 | 330 | 14x1.0 | 19 | 43.0 | 57.0 | 6.5 | 8.380 |
| SOL 51326-A12 | 078.1330.120 | 330 | 16x1.0 | 22 | 45.0 | 59.5 | 8.0 | 11.750 |

Mit der einstellbaren Verschraubung lassen sich Formteile mit dem gleichen Anschlussgewinde verbinden.

Montagehinweis: Beide Anschlussmutter mit 1/4 Umdrehung anziehen. Wir empfehlen eine zusätzliche Schmierung auf der Planfläche.

Avec l'union orientable, il est possible de connecter des raccords de même filetages.

Note d'installation: Serrez les deux écrous de 1/4 de tour. Nous recommandons une lubrification supplémentaire sur la surface plane.

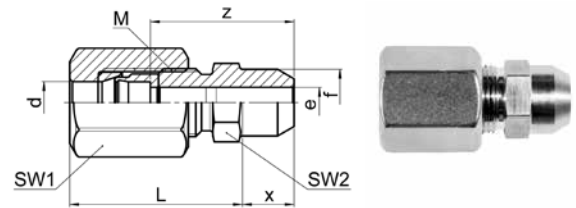
With the adjustable union, parts with the same connecting thread can be connected.

Assembly information: Tighten both union nuts with 1/4 turn. We recommend additional lubrication on the plane surface.

Anschweisverschraubung

Union avec embout à souder

Weld-on union

SOL 51429


| Type -d | Mat.-Nr. | bar | M | SW1 | SW2 | L | f | x | z | e | kg/100 |
|---------------------|----------------------|-----|--------|------------------|-----|------|------|------|------|------|--------|
| Für metrische Rohre | Pour tubes métriques | | | For metric tubes | | | | | | | |
| SOL 51429-6 | 078.1400.060 | 400 | 10x1.0 | 14 | 10 | 31.0 | 9.8 | 8.0 | 21.0 | 4.5 | 2.500 |
| SOL 51429-8 | 078.1400.080 | 330 | 12x1.0 | 17 | 12 | 32.5 | 11.8 | 8.0 | 22.0 | 6.5 | 3.700 |
| SOL 51429-10 | 078.1400.100 | 330 | 14x1.0 | 19 | 14 | 35.5 | 13.8 | 8.0 | 23.0 | 8.5 | 4.800 |
| SOL 51429-12 | 078.1400.120 | 330 | 16x1.0 | 22 | 17 | 37.5 | 16.0 | 8.0 | 24.0 | 10.0 | 6.700 |
| SOL 51429-15 | 078.1400.150 | 250 | 20x1.5 | 27 | 22 | 44.5 | 19.0 | 10.0 | 29.5 | 13.0 | 11.600 |
| SOL 51429-16 | 078.1400.160 | 200 | 24x1.5 | 30 | 24 | 50.0 | 22.0 | 11.0 | 31.5 | 15.0 | 17.100 |
| SOL 51429-18 | 078.1400.180 | 200 | 24x1.5 | 30 | 24 | 48.0 | 22.0 | 11.0 | 31.5 | 15.0 | 15.600 |
| Für Zollrohre | Pour tubes pouces | | | For inch tubes | | | | | | | |
| SOL 51429-6,35 | 078.1400.063 | 400 | 10x1.0 | 14 | 10 | 31.0 | 9.8 | 8.0 | 21.0 | 4.5 | 2.600 |
| SOL 51429-9,52 | 078.1400.095 | 330 | 14x1.0 | 19 | 14 | 35.5 | 13.8 | 8.0 | 23.0 | 8.0 | 5.100 |
| SOL 51429-12,7 | 078.1400.127 | 330 | 20x1.5 | 27 | 22 | 44.5 | 19.0 | 10.0 | 29.5 | 11.0 | 12.600 |

Umrechnung für "d" bei Zollrohren:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion de "d" pour tubes en pouces:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Nach dem Anschweißen die von SERTO empfohlenen Schmierstellen mit dem Spezial-Schmieröl AC 850 nochmals schmieren.

Après le soudage, graissez les points de lubrification nécessaires, conformément aux recommandations de SERTO, avec l'huile de lubrification spéciale AC 850.

After welding, grease the necessary lubrication points as recommended by SERTO with the special lubrication oil AC 850.

Gerade Schottverschraubung

Durchführungslänge max. 5 mm

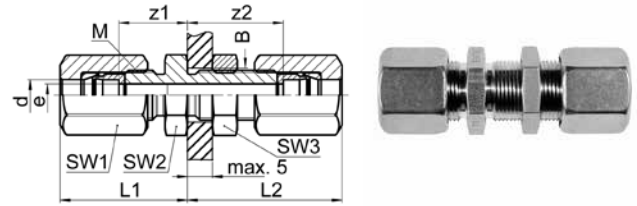
Union double traversée de cloison

pour cloison max. 5 mm

Panel mount union

max. panel thickness 5 mm

SOL 51521



| Type-d | Mat.-Nr. | bar | M | SW1 | SW2 | SW3 | L1 | L2 | B | z1 | z2 | e | kg/100 |
|---------------------|----------------------|-----|--------|-----|-----|-----|------------------|------|------|------|------|------|--------|
| Für metrische Rohre | Pour tubes métriques | | | | | | For metric tubes | | | | | | |
| SOL 51521-6 | 078.1500.060 | 400 | 10x1.0 | 14 | 14 | 14 | 22.5 | 28.0 | 10.5 | 13.5 | 19.0 | 4.5 | 5.300 |
| SOL 51521-8 | 078.1500.080 | 330 | 12x1.0 | 17 | 17 | 17 | 24.5 | 30.5 | 12.5 | 15.0 | 21.0 | 6.5 | 8.100 |
| SOL 51521-10 | 078.1500.100 | 330 | 14x1.0 | 19 | 19 | 19 | 28.0 | 32.5 | 14.5 | 15.5 | 21.0 | 8.5 | 10.300 |
| SOL 51521-12 | 078.1500.120 | 330 | 16x1.0 | 22 | 22 | 22 | 28.5 | 34.5 | 16.5 | 16.0 | 21.0 | 10.0 | 14.100 |

| Für Zollrohre | Pour tubes pouces | | | | | | For inch tubes | | | | | | |
|----------------|-------------------|-----|--------|----|----|----|----------------|------|------|------|------|-----|--------|
| SOL 51521-6,35 | 078.1500.063 | 400 | 10x1.0 | 14 | 14 | 14 | 22.5 | 28.0 | 10.5 | 13.5 | 19.0 | 4.5 | 5.600 |
| SOL 51521-9,52 | 078.1500.095 | 330 | 14x1.0 | 19 | 19 | 19 | 28.0 | 32.5 | 14.5 | 15.5 | 21.0 | 8.0 | 11.200 |

Umrechnung für "d" bei Zollrohren:

6,35 = 1/4

9,52 = 3/8

Conversion de "d" pour tubes en pouces:

6,35 = 1/4

9,52 = 3/8

Conversion for "d" for inch tubes:

6,35 = 1/4

9,52 = 3/8

Sechskantmutter siehe SO 50006 METR

Ecrou à six pans voir SO 50006 METR

Hexagon nut see SO 50006 METR

Gerade Schottverschraubung

Durchführungslänge max. 16 mm

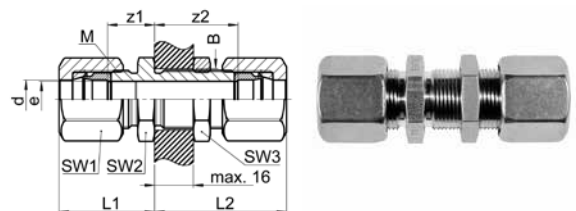
Union double traversée de cloison

pour cloison max. 16 mm

Panel mount union

max. panel thickness 16 mm

SOL 51524



| Type-d | Mat.-Nr. | bar | M | SW1 | SW2 | SW3 | L1 | L2 | B | z1 | z2 | e | kg/100 |
|--------------|--------------|-----|--------|-----|-----|-----|------|------|------|------|------|------|--------|
| SOL 51524-16 | 078.1540.160 | 200 | 24x1.5 | 30 | 30 | 30 | 38.0 | 53.0 | 24.5 | 19.5 | 34.5 | 14.0 | 36.000 |
| SOL 51524-18 | 078.1540.180 | 200 | 24x1.5 | 30 | 30 | 30 | 37.0 | 52.0 | 24.5 | 19.5 | 34.5 | 15.0 | 34.200 |

Sechskantmutter siehe SO 50006 METR

Ecrou à six pans voir SO 50006 METR

Hexagon nut see SO 50006 METR

d=Rohrassens-ø
e=kleinste Bohrung
L=Mass in montiertem Zustand

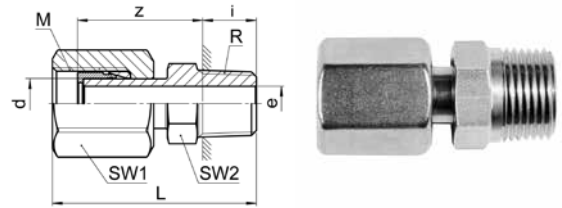
d=ø extérieur du tube
e=ø-min. de passage
L=après montage

d=tube outside diameter
e=minimum bore
L=installed length

Einstellbare Einschraubverschraubung

Union mâle orientable

Adjustable male adaptor union



SOL 51625

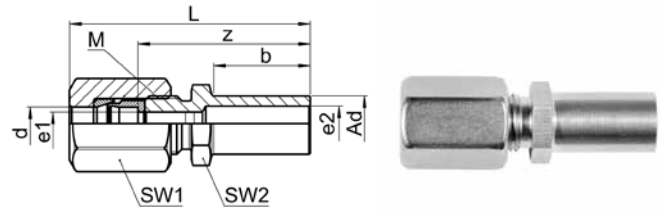
| Type -d -R | Mat.-Nr. | bar | M | SW1 | SW2 | L | i | z | e | kg/100 |
|-------------------------|--------------|-----|------------------------------|-----|-----|------|------|------------------------|------|--------|
| R=Rohrgewinde (kegelig) | | | | | | | | | | |
| | | | R=Filetage-gaz BSP (conique) | | | | | | | |
| | | | | | | | | R=BSP thread (tapered) | | |
| SOL 51625-A6-1/8 | 078.1620.100 | 400 | 10x1.0 | 14 | 12 | 34.5 | 5.0 | 23.0 | 4.0 | 2.600 |
| SOL 51625-A6-1/4 | 078.1620.110 | 400 | 10x1.0 | 14 | 14 | 39.5 | 8.0 | 25.0 | 4.0 | 3.350 |
| SOL 51625-A8-1/8 | 078.1620.160 | 330 | 12x1.0 | 17 | 12 | 37.0 | 5.0 | 25.0 | 6.0 | 3.160 |
| SOL 51625-A8-1/4 | 078.1620.170 | 330 | 12x1.0 | 17 | 14 | 41.0 | 8.0 | 26.0 | 6.0 | 4.160 |
| SOL 51625-A10-1/4 | 078.1620.270 | 330 | 14x1.0 | 19 | 14 | 43.0 | 8.0 | 28.0 | 7.0 | 4.760 |
| SOL 51625-A10-3/8 | 078.1620.280 | 330 | 14x1.0 | 19 | 17 | 43.0 | 8.0 | 28.0 | 7.0 | 6.470 |
| SOL 51625-A10-1/2 | 078.1620.285 | 330 | 14x1.0 | 19 | 22 | 47.0 | 10.0 | 30.0 | 7.0 | 9.200 |
| SOL 51625-A12-1/4 | 078.1620.380 | 330 | 16x1.0 | 22 | 14 | 44.5 | 8.0 | 29.0 | 8.0 | 5.790 |
| SOL 51625-A12-3/8 | 078.1620.390 | 330 | 16x1.0 | 22 | 17 | 44.5 | 8.0 | 29.0 | 9.0 | 7.290 |
| SOL 51625-A12-1/2 | 078.1620.400 | 330 | 16x1.0 | 22 | 22 | 49.5 | 10.0 | 32.0 | 9.0 | 9.680 |
| SOL 51625-A15-1/2 | 078.1620.534 | 250 | 20x1.5 | 27 | 22 | 54.0 | 10.0 | 35.5 | 12.0 | 12.750 |

Montagehinweis: Anschlussmutter mit 1/4 Umdrehung anziehen.
Wir empfehlen eine zusätzliche Schmierung auf der Planfläche.

Note d'installation: Serrez l'écrou de 1/4 de tour.
Nous recommandons une lubrification supplémentaire sur la surface plane.

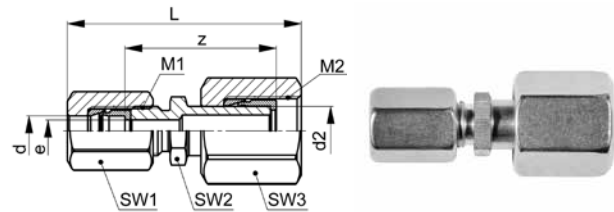
Assembly information: Tighten the union nut with 1/4 turn.
We recommend additional lubrication on the plane surface.

**Reduktions-
Einstellverschraubung**
Raccord de réduction orientable
Adjustable reduction union

SOL 51821


| Type -Ad -d | Mat.-Nr. | bar | M | SW1 | SW2 | L | b | z | e1 | e2 | kg/100 |
|------------------|--------------|-----|--------|-----|-----|------|------|------|------|------|--------|
| SOL 51821-A10-6 | 078.1800.175 | 330 | 10x1.0 | 14 | 12 | 39.5 | 17.0 | 29.5 | 4.5 | 6.5 | 2.530 |
| SOL 51821-A12-8 | 078.1800.225 | 330 | 12x1.0 | 17 | 14 | 44.0 | 19.0 | 33.5 | 6.5 | 8.5 | 4.060 |
| SOL 51821-A15-10 | 078.1800.410 | 250 | 14x1.0 | 19 | 17 | 48.5 | 21.0 | 36.0 | 8.5 | 11.5 | 5.430 |
| SOL 51821-A18-12 | 078.1800.580 | 200 | 16x1.0 | 22 | 19 | 52.5 | 24.0 | 40.0 | 10.0 | 14.5 | 7.470 |
| SOL 51821-A22-15 | 078.1800.745 | 200 | 20x1.5 | 27 | 24 | 58.5 | 25.0 | 43.5 | 13.0 | 19.0 | 12.010 |

**Reduktions-Einstellverschraubung
vormontiert**
**Raccord de réduction orientable
prémonté**
**Adjustable reduction union pre-
assembled**

SOL 51825


| Type -d2 -d | Mat.-Nr. | bar | M1 | M2 | SW1 | SW2 | SW3 | L | z | e | kg/100 |
|------------------|--------------|-----|--------|--------|-----|-----|-----|------|------|------|--------|
| SOL 51825-A10-6 | 078.1820.175 | 330 | 10x1.0 | 14x1.0 | 14 | 12 | 19 | 47.5 | 30.5 | 4.5 | 4.310 |
| SOL 51825-A12-8 | 078.1820.225 | 330 | 12x1.0 | 16x1.0 | 17 | 14 | 22 | 52.0 | 34.5 | 6.5 | 6.270 |
| SOL 51825-A15-10 | 078.1820.410 | 250 | 14x1.0 | 20x1.5 | 19 | 17 | 27 | 56.5 | 37.5 | 8.5 | 9.640 |
| SOL 51825-A18-12 | 078.1820.580 | 200 | 16x1.0 | 24x1.5 | 22 | 19 | 30 | 62.5 | 41.0 | 10.0 | 12.520 |

Montagehinweis: Anschlussmutter auf Seite Einstellteil mit 1/4 Umdrehung anziehen. Wir empfehlen eine zusätzliche Schmierung auf der Planfläche.

Note d'installation: Serrez l'écrou du côté orientable de 1/4 de tour. Nous recommandons une lubrification supplémentaire sur la surface plane.

Assembly information: Tighten the union nut on the adjustable side with 1/4 turn. We recommend additional lubrication on the plane surface.

d=Rohrassen- \varnothing
 Ad=Aussen- \varnothing der Andrehung
 e=kleinste Bohrung
 L=Mass in montiertem Zustand

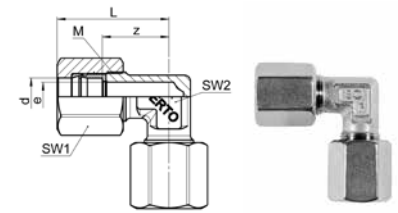
d= \varnothing extérieur du tube
 Ad= \varnothing extérieur de la portée cylindrique
 e= \varnothing -min. de passage
 L=après montage

d=tube outside diameter
 Ad=outside diameter of cyl. stub
 e=minimum bore
 L=installed length

Winkelverschraubung

Coude

Elbow union



SOL 52021

| Type -d | Mat.-Nr. | bar | M | SW1 | SW2 | L | z | e | kg/100 |
|---------------------|----------------------|-----|--------|------------------|-----|------|------|------|--------|
| Für metrische Rohre | Pour tubes métriques | | | For metric tubes | | | | | |
| SOL 52021-6 | 078.2000.060 | 400 | 10x1.0 | 14 | 9 | 26.0 | 16.0 | 4.5 | 4.450 |
| SOL 52021-8 | 078.2000.080 | 330 | 12x1.0 | 17 | 10 | 29.0 | 18.0 | 6.5 | 6.640 |
| SOL 52021-10 | 078.2000.100 | 330 | 14x1.0 | 19 | 12 | 33.5 | 20.5 | 8.5 | 8.880 |
| SOL 52021-12 | 078.2000.120 | 330 | 16x1.0 | 22 | 14 | 35.5 | 21.5 | 9.5 | 12.310 |
| SOL 52021-15 | 078.2000.150 | 250 | 20x1.5 | 27 | 17 | 39.0 | 24.0 | 13.0 | 20.210 |
| SOL 52021-16 | 078.2000.160 | 200 | 24x1.5 | 30 | 22 | 45.0 | 26.0 | 14.0 | 28.900 |
| SOL 52021-18 | 078.2000.180 | 200 | 24x1.5 | 30 | 22 | 43.0 | 26.5 | 15.0 | 26.550 |
| Für Zollrohre | Pour tubes pouces | | | For inch tubes | | | | | |
| SOL 52021-6,35 | 078.2000.063 | 400 | 10x1.0 | 14 | 9 | 26.0 | 16.0 | 4.5 | 4.600 |
| SOL 52021-9,52 | 078.2000.095 | 330 | 14x1.0 | 19 | 12 | 33.5 | 20.5 | 8.0 | 9.500 |
| SOL 52021-12,7 | 078.2000.127 | 330 | 20x1.5 | 27 | 17 | 39.5 | 24.0 | 11.0 | 22.100 |

Umrechnung für "d" bei Zollrohren:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion de "d" pour tubes en pouces:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4

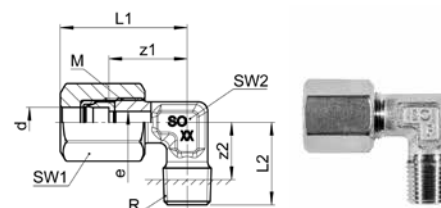
9,52 = 3/8

12,7 = 1/2

Winkel-Einschraubverschraubung

Coude mâle

Male adaptor elbow union



SOL 52421

| Type -d -R | Mat.-Nr. | bar | M | SW1 | SW2 | L1 | L2 | z1 | z2 | e | kg/100 |
|--|--|--|--------|-----|-----|------|------|------|------|------|--------|
| Für metrische Rohre R=Rohrgewinde (kegelig) | Pour tubes métriques R=Filetage-gaz BSP (conique) | For metric tubes R=BSP thread (tapered) | | | | | | | | | |
| SOL 52421-6-1/8 | 078.2401.100 | 400 | 10x1.0 | 14 | 9 | 26.0 | 17.5 | 16.0 | 13.5 | 4.5 | 2.900 |
| SOL 52421-6-1/4 | 078.2401.110 | 400 | 10x1.0 | 14 | 10 | 28.0 | 22.5 | 18.0 | 18.5 | 4.5 | 4.200 |
| SOL 52421-8-1/8 | 078.2401.160 | 330 | 12x1.0 | 17 | 10 | 28.5 | 18.0 | 18.0 | 14.0 | 6.0 | 4.000 |
| SOL 52421-8-1/4 | 078.2401.170 | 330 | 12x1.0 | 17 | 10 | 28.5 | 22.5 | 18.0 | 18.5 | 6.5 | 4.700 |
| SOL 52421-8-3/8 | 078.2401.180 | 330 | 12x1.0 | 17 | 14 | 32.5 | 26.0 | 22.0 | 19.5 | 6.5 | 6.800 |
| SOL 52421-10-1/4 | 078.2401.270 | 330 | 14x1.0 | 19 | 12 | 33.0 | 25.0 | 20.5 | 19.0 | 8.5 | 5.700 |
| SOL 52421-12-1/4 | 078.2401.380 | 330 | 16x1.0 | 22 | 14 | 35.0 | 25.5 | 21.5 | 19.0 | 8.5 | 7.500 |
| SOL 52421-12-3/8 | 078.2401.390 | 330 | 16x1.0 | 22 | 14 | 35.0 | 26.0 | 21.5 | 19.5 | 10.0 | 8.300 |
| SOL 52421-15-1/2 | 078.2401.534 | 250 | 20x1.5 | 27 | 17 | 39.0 | 29.5 | 24.0 | 21.5 | 13.0 | 13.300 |

| Für Zollrohre | Pour tubes pouces | For inch tubes | | | | | | | | | |
|--------------------|-------------------|----------------|--------|----|----|------|------|------|------|------|--------|
| SOL 52421-6,35-1/8 | 078.2401.135 | 400 | 10x1.0 | 14 | 9 | 25.0 | 17.5 | 16.0 | 13.5 | 4.5 | 3.000 |
| SOL 52421-6,35-1/4 | 078.2401.140 | 400 | 10x1.0 | 14 | 10 | 27.0 | 22.5 | 18.0 | 18.5 | 4.5 | 4.100 |
| SOL 52421-9,52-1/4 | 078.2401.230 | 330 | 14x1.0 | 19 | 12 | 33.5 | 25.0 | 20.5 | 19.0 | 8.0 | 3.900 |
| SOL 52421-12,7-1/2 | 078.2401.434 | 330 | 20x1.5 | 27 | 17 | 39.5 | 29.5 | 24.0 | 21.5 | 11.0 | 14.500 |

Umrechnung für "d" bei Zollrohren:

6,35 = 1/4
9,52 = 3/8
12,7 = 1/2

Conversion de "d" pour tubes en pouces:

6,35 = 1/4
9,52 = 3/8
12,7 = 1/2

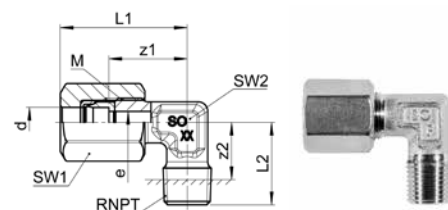
Conversion for "d" for inch tubes:

6,35 = 1/4
9,52 = 3/8
12,7 = 1/2

Winkel Einschraubverschraubung NPT

Coude mâle NPT

Male adaptor elbow union NPT



SOL 52421 NPT

| Type -d -RNPT | Mat.-Nr. | bar | M | SW1 | SW2 | L1 | L2 | z1 | z2 | e | kg/100 |
|---|---|-----|---|-----|-----|----|----|----|----|---|--------|
| Für metrische Rohre RNPT=NPT Gewinde | Pour tubes métriques RNPT=Filetage NPT | | | | | | | | | | |
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| Für Zollrohre | Pour tubes pouces | | | | | | | | | | |
|---------------|-------------------|--|--|--|--|--|--|--|--|--|--|
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Umrechnung für "d" bei Zollrohren:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion de "d" pour tubes en pouces:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4

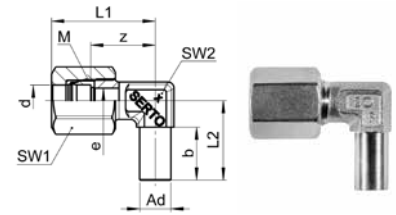
9,52 = 3/8

12,7 = 1/2

Einstellbare Winkelverschraubung

Coude orientable

Adjustable elbow union



SOL 52621

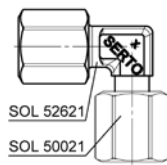
| Type -d -Ad | Mat.-Nr. | bar | M | SW1 | SW2 | L1 | L2 | b | z | e | kg/100 |
|---------------------|----------------------|-----|--------|------------------|-----|------|------|------|------|------|--------|
| Für metrische Rohre | Pour tubes métriques | | | For metric tubes | | | | | | | |
| SOL 52621-6-A6 | 078.2600.060 | 400 | 10x1.0 | 14 | 9 | 26.0 | 18.0 | 12.5 | 16.0 | 4.0 | 2.570 |
| SOL 52621-8-A8 | 078.2600.080 | 330 | 12x1.0 | 17 | 10 | 28.5 | 23.0 | 15.0 | 18.0 | 6.0 | 3.880 |
| SOL 52621-10-A10 | 078.2600.100 | 330 | 14x1.0 | 19 | 12 | 33.0 | 25.5 | 17.0 | 20.5 | 7.0 | 5.370 |
| SOL 52621-12-A12 | 078.2600.120 | 330 | 16x1.0 | 22 | 14 | 35.0 | 26.5 | 18.0 | 21.5 | 9.0 | 7.890 |
| SOL 52621-15-A15 | 078.2600.150 | 250 | 20x1.5 | 27 | 17 | 39.0 | 30.0 | 19.5 | 24.0 | 12.0 | 13.450 |
| Für Zollrohre | Pour tubes pouces | | | For inch tubes | | | | | | | |
| SOL 52621-6,35-A6 | 078.2600.067 | 400 | 10x1.0 | 14 | 9 | 26.5 | 18.0 | 12.5 | 16.0 | 4.0 | 4.600 |

Umrechnung für "d" bei Zollrohren:
6,35 = 1/4

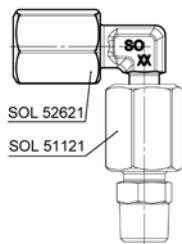
Conversion de "d" pour tubes en pouces:
6,35 = 1/4

Conversion for "d" for inch tubes:
6,35 = 1/4

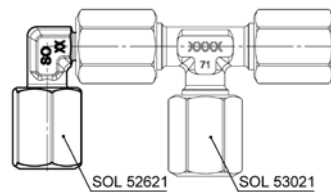
Anwendungsbeispiele:



Exemples d'utilisation:



Sample combinations:



Mögliche Kombinationen:

- mit Armaturenanschluss zu einstellbaren Winkelverschraubungen
- mit Verschraubungen zu einstellbaren Verschraubungen
- mit Einschraubverschraubungen zu einstellbaren Einschraubwinkeln. Gegenüber dem Einschraubwinkel lässt sich diese Kombination einfacher einstellen, da Einschrauben und Ausrichten getrennt voneinander vorgenommen werden.

Combinaisons possibles:

- avec écrou de raccordement ça donne des raccords coudé orientables
- avec raccords ça donne des raccords orientables
- avec une union mâle ça donne un coude fileté orientable. Par rapport au coude orientable, cette combinaison est facile à régler, puisque le vissage et l'alignement sont réalisés séparément l'un de l'autre.

Possible combinations:

- with a nut connection to adjustable elbow unions
- with a union to adjustable unions
- with a male adaptor union to adjustable male adaptor elbow unions. This combination is simpler to produce, as screwing in and alignment are carried out separately.

d=Rohraussen-ø
Ad=Aussen-ø der Andrehung
e=kleinste Bohrung
L=Mass in montiertem Zustand

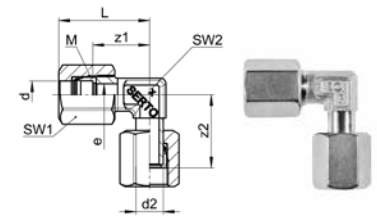
d=ø extérieur du tube
Ad=ø extérieur de la portée cylindrique
e=ø-min. de passage
L=après montage

d=tube outside diameter
Ad=outside diameter of cyl. stub
e=minimum bore
L=installed length

Einstellbare Winkelverschraubung vormontiert

Coude orientable prémonté

Adjustable elbow union pre-assembled



SOL 52625

| Type -d -d2 | Mat.-Nr. | bar | M | SW1 | SW2 | L | z1 | z2 | e | kg/100 |
|------------------|--------------|-----|--------|-----|-----|------|------|------|------|--------|
| SOL 52625-6-A6 | 078.2620.060 | 400 | 10x1.0 | 14 | 9 | 26.0 | 16.0 | 19.0 | 4.0 | 4.220 |
| SOL 52625-8-A8 | 078.2620.080 | 330 | 12x1.0 | 17 | 10 | 28.5 | 18.0 | 24.0 | 6.0 | 6.380 |
| SOL 52625-10-A10 | 078.2620.100 | 330 | 14x1.0 | 19 | 12 | 33.0 | 20.5 | 26.5 | 7.0 | 8.640 |
| SOL 52625-12-A12 | 078.2620.120 | 330 | 16x1.0 | 22 | 14 | 35.0 | 21.5 | 27.5 | 9.0 | 12.060 |
| SOL 52625-15-A15 | 078.2620.150 | 250 | 20x1.5 | 27 | 17 | 39.0 | 24.0 | 31.0 | 12.0 | 15.340 |

Montagehinweis: Anschlussmutter auf Seite Einstellteil mit 1/4 Umdrehung anziehen.

Wir empfehlen eine zusätzliche Schmierung auf der Planfläche.

Note d'installation: Serrez l'écrou du côté orientable de 1/4 de tour.

Nous recommandons une lubrification supplémentaire sur la surface plane.

Assembly information: Tighten the union nut on the adjustable side with 1/4 turn.

We recommend additional lubrication on the plane surface.

Winkel-Schottverschraubung

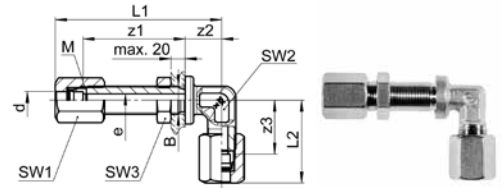
Durchführungslänge max. 20 mm

Coude traversée de cloison

pour cloison max. 20 mm

Panel mount elbow union

max. panel thickness 20 mm

SOL 52721


| Type -d | Mat.-Nr. | bar | M | SW1 | SW2 | SW3 | L1 | L2 | B | z1 | z2 | z3 | e | kg/100 |
|---------------------|--------------|-----|--------|----------------------|-----|-----|------|------|------|------------------|------|------|------|--------|
| Für metrische Rohre | | | | Pour tubes métriques | | | | | | For metric tubes | | | | |
| SOL 52721-6 | 078.2700.060 | 400 | 10x1.0 | 14 | 12 | 14 | 59.0 | 29.0 | 10.5 | 36.0 | 13.0 | 19.0 | 4.5 | 6.980 |
| SOL 52721-8 | 078.2700.080 | 330 | 12x1.0 | 17 | 12 | 17 | 59.5 | 29.5 | 12.5 | 36.0 | 13.0 | 19.0 | 5.5 | 9.450 |
| SOL 52721-10 | 078.2700.100 | 330 | 14x1.0 | 19 | 12 | 19 | 65.5 | 35.5 | 14.5 | 36.0 | 17.0 | 23.0 | 7.5 | 12.350 |
| SOL 52721-12 | 078.2700.120 | 330 | 16x1.0 | 22 | 14 | 22 | 67.0 | 37.0 | 16.5 | 37.0 | 17.0 | 24.0 | 8.5 | 17.060 |
| SOL 52721-15 | 078.2700.150 | 250 | 20x1.5 | 27 | 19 | 27 | 78.0 | 44.0 | 20.5 | 40.0 | 23.0 | 29.0 | 13.0 | 28.600 |
| SOL 52721-16 | 078.2700.160 | 200 | 24x1.5 | 30 | 24 | 30 | 83.0 | 52.0 | 24.5 | 42.5 | 22.0 | 33.0 | 14.0 | 30.600 |
| SOL 52721-18 | 078.2700.180 | 200 | 24x1.5 | 30 | 24 | 30 | 81.0 | 50.0 | 24.5 | 42.5 | 22.0 | 33.5 | 15.0 | 29.700 |

| | | | | | | | | | | | | | | |
|----------------|--------------|-----|--------|-------------------|----|----|------|------|------|----------------|------|------|------|--------|
| Für Zollrohre | | | | Pour tubes pouces | | | | | | For inch tubes | | | | |
| SOL 52721-6,35 | 078.2700.063 | 400 | 10x1.0 | 14 | 12 | 14 | 60.0 | 30.0 | 10.5 | 36.0 | 13.0 | 19.0 | 4.5 | 7.300 |
| SOL 52721-9,52 | 078.2700.095 | 330 | 14x1.0 | 19 | 12 | 19 | 66.0 | 36.0 | 14.5 | 36.0 | 17.0 | 23.0 | 7.5 | 13.800 |
| SOL 52721-12,7 | 078.2700.127 | 330 | 20x1.5 | 27 | 19 | 27 | 78.5 | 44.5 | 20.5 | 40.5 | 23.0 | 29.5 | 11.0 | 31.800 |

Umrechnung für "d" bei Zollrohren:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion de "d" pour tubes en pouces:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Sechskantmutter siehe SO 50006 METR

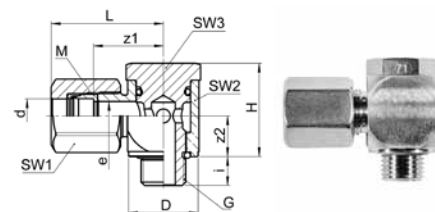
Ecrou à six pans voir SO 50006 METR

Hexagon nut see SO 50006 METR

Schwenkverschraubung

Coude banjo

Single banjo



SOL 52824

| Type -d-G | Mat.-Nr. | bar | M | SW1 | SW2 | SW3 | L | D | H | i | z1 | z2 | e | kg/100 |
|-----------------------------|--------------|-----|--------|----------------------------------|-----|-----|------|------|------|------|-------------------------|------|------|--------|
| Für metrische Rohre | | | | Pour tubes métriques | | | | | | | For metric tubes | | | |
| G=Rohrgewinde (zylindrisch) | | | | G=Filetage-gaz BSP (cylindrique) | | | | | | | G=BSP thread (parallel) | | | |
| SOL 52824-6-1/8 | 078.2841.100 | 400 | 10x1.0 | 14 | 16 | 14 | 28.0 | 18.0 | 21.0 | 7.5 | 18.0 | 10.5 | 4.5 | 6.280 |
| SOL 52824-8-1/8 | 078.2841.160 | 330 | 12x1.0 | 17 | 19 | 14 | 29.0 | 18.0 | 22.0 | 6.5 | 19.0 | 10.5 | 4.5 | 8.300 |
| SOL 52824-8-1/4 | 078.2841.170 | 330 | 12x1.0 | 17 | 24 | 19 | 31.0 | 21.0 | 27.0 | 11.0 | 20.5 | 12.0 | 7.0 | 12.000 |
| SOL 52824-10-1/4 | 078.2841.270 | 330 | 14x1.0 | 19 | 24 | 19 | 33.0 | 21.0 | 27.0 | 11.0 | 20.5 | 12.0 | 7.0 | 13.190 |
| SOL 52824-12-3/8 | 078.2841.390 | 330 | 16x1.0 | 22 | 30 | 24 | 36.5 | 28.0 | 35.0 | 12.0 | 24.0 | 15.0 | 9.0 | 24.600 |
| SOL 52824-15-1/2 | 078.2841.534 | 250 | 20x1.5 | 27 | 35 | 27 | 43.0 | 32.0 | 41.5 | 13.0 | 28.0 | 18.0 | 12.0 | 39.100 |
| SOL 52824-16-1/2 | 078.2841.566 | 200 | 24x1.5 | 30 | 35 | 27 | 46.0 | 32.0 | 43.5 | 11.0 | 28.5 | 18.0 | 12.0 | 42.400 |
| SOL 52824-18-1/2 | 078.2841.646 | 200 | 24x1.5 | 30 | 35 | 27 | 45.0 | 32.0 | 43.5 | 11.0 | 28.5 | 18.0 | 12.0 | 41.700 |

| Für Zollrohre | | | | Pour tubes pouces | | | | | | | For inch tubes | | | |
|--------------------|--------------|-----|--------|-------------------|----|----|------|------|------|------|----------------|------|------|--------|
| SOL 52824-6,35-1/8 | 078.2841.135 | 400 | 10x1.0 | 14 | 16 | 14 | 29.0 | 18.0 | 21.0 | 10.0 | 18.0 | 10.5 | 4.5 | 2.200 |
| SOL 52824-9,52-1/4 | 078.2841.230 | 330 | 14x1.0 | 19 | 24 | 19 | 33.5 | 21.0 | 27.0 | 9.0 | 20.5 | 12.0 | 7.0 | 4.600 |
| SOL 52824-12,7-1/2 | 078.2841.434 | 330 | 20x1.5 | 27 | 35 | 27 | 43.5 | 32.0 | 41.5 | 13.5 | 28.5 | 18.0 | 11.0 | 25.600 |

Umrechnung für "d" bei Zollrohren:

$$6,35 = 1/4$$

$$9,52 = 3/8$$

$$12,7 = 1/2$$

Conversion de "d" pour tubes en pouces:

$$6,35 = 1/4$$

$$9,52 = 3/8$$

$$12,7 = 1/2$$

Conversion for "d" for inch tubes:

$$6,35 = 1/4$$

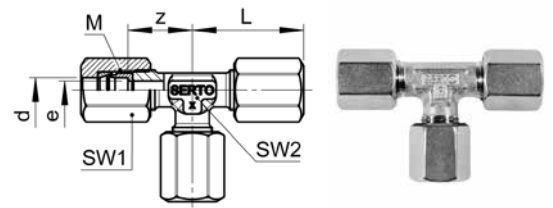
$$9,52 = 3/8$$

$$12,7 = 1/2$$

O-Ringe: FKM

Joints: FKM

O-Rings: FKM

T-Verschraubung
Té égal
Tee union

SOL 53021

| Type -d | Mat.-Nr. | bar | M | SW1 | SW2 | L | z | e | kg/100 |
|---------------------|----------------------|-----|--------|------------------|-----|------|------|------|--------|
| Für metrische Rohre | Pour tubes métriques | | | For metric tubes | | | | | |
| SOL 53021-6 | 078.3000.060 | 400 | 10x1.0 | 14 | 9 | 26.0 | 16.0 | 4.5 | 6.500 |
| SOL 53021-8 | 078.3000.080 | 330 | 12x1.0 | 17 | 10 | 28.5 | 18.0 | 6.5 | 9.600 |
| SOL 53021-10 | 078.3000.100 | 330 | 14x1.0 | 19 | 12 | 33.5 | 20.5 | 8.5 | 12.900 |
| SOL 53021-12 | 078.3000.120 | 330 | 16x1.0 | 22 | 14 | 35.0 | 21.5 | 9.5 | 17.800 |
| SOL 53021-15 | 078.3000.150 | 250 | 20x1.5 | 27 | 17 | 39.0 | 24.0 | 13.0 | 29.600 |
| SOL 53021-16 | 078.3000.160 | 200 | 24x1.5 | 30 | 22 | 45.0 | 26.0 | 14.0 | 40.800 |
| SOL 53021-18 | 078.3000.180 | 200 | 24x1.5 | 30 | 22 | 43.5 | 26.5 | 15.0 | 38.100 |
| Für Zollrohre | Pour tubes pouces | | | For inch tubes | | | | | |
| SOL 53021-6,35 | 078.3000.063 | 400 | 10x1.0 | 14 | 9 | 25.5 | 16.5 | 4.5 | 6.800 |
| SOL 53021-9,52 | 078.3000.095 | 330 | 14x1.0 | 19 | 12 | 33.5 | 21.0 | 8.0 | 13.900 |
| SOL 53021-12,7 | 078.3000.127 | 330 | 20x1.5 | 27 | 17 | 39.5 | 24.5 | 11.0 | 32.400 |

Umrechnung für "d" bei Zollrohren:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion de "d" pour tubes en pouces:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4

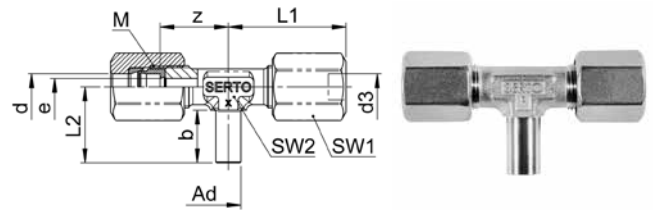
9,52 = 3/8

12,7 = 1/2

Einstellbare T-Verschraubung

Té orientable au centre

Adjustable Tee union



SOL 53621 T

| Type -d -Ad -d3 | Mat.-Nr. | bar | M | SW1 | SW2 | L1 | L2 | b | z | e | kg/100 |
|---------------------|----------------------|-----|--------|------------------|-----|------|------|------|------|-----|--------|
| Für metrische Rohre | Pour tubes métriques | | | For metric tubes | | | | | | | |
| SOL 53621-6-A6-6 | 078.3600.060 | 400 | 10x1.0 | 14 | 9 | 26.0 | 18.0 | 12.5 | 16.0 | 4.0 | 4.750 |
| SOL 53621-8-A8-8 | 078.3600.080 | 330 | 12x1.0 | 17 | 10 | 28.5 | 23.0 | 15.0 | 18.0 | 6.0 | 6.920 |
| SOL 53621-10-A10-10 | 078.3600.100 | 330 | 14x1.0 | 19 | 12 | 33.0 | 25.5 | 17.0 | 20.5 | 7.0 | 9.400 |

| Für Zollrohre | Pour tubes pouces | | | For inch tubes | | | | | | | |
|-------------------------|-------------------|-----|--------|----------------|----|------|------|------|------|-----|--------|
| SOL 53621-6,35-A6-6,35 | 078.3600.067 | 400 | 10x1.0 | 14 | 9 | 27.0 | 18.0 | 12.5 | 16.5 | 4.0 | 4.900 |
| SOL 53621-9,52-A10-9,52 | 078.3600.095 | 330 | 14x1.0 | 19 | 12 | 33.5 | 25.5 | 17.0 | 21.0 | 7.0 | 10.300 |

Umrechnung für "d" bei Zollrohren:

6,35 = 1/4

9,52 = 3/8

Conversion de "d" pour tubes en pouces:

6,35 = 1/4

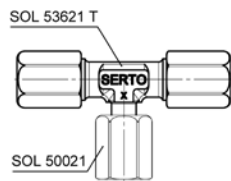
9,52 = 3/8

Conversion for "d" for inch tubes:

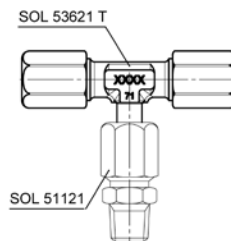
6,35 = 1/4

9,52 = 3/8

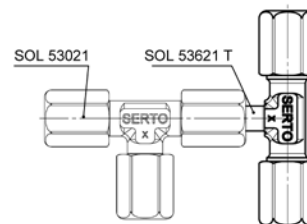
Anwendungsbeispiele:



Exemples d'utilisation:



Sample combinations:



Mögliche Kombinationen:

- mit Armaturenanschluss zu einstellbaren T-Verschraubungen
- mit Verschraubungen zu einstellbaren Verschraubungen
- mit Einschraubverschraubungen zu einstellbaren T-Einschraubverschraubungen. Gegenüber der T-Einschraubverschraubung lässt sich diese Kombination einfacher einstellen, da Einschrauben und Ausrichten getrennt voneinander vorgenommen werden.

Combinaisons possibles:

- avec écrou de raccordement ça donne un Té orientable
- avec raccords ça donne des raccords orientables
- avec une union mâle ça donne un Té fileté orientable. Par rapport au Té orientable, cette combinaison est facile à régler, puisque le vissage et l'alignement sont réalisés séparément l'un de l'autre.

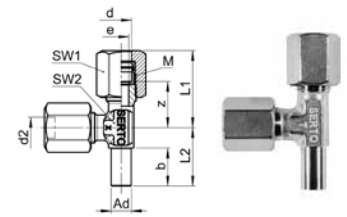
Possible combinations:

- with nut connections to adjustable tee unions
- with unions to adjustable unions
- with male adaptor unions to adjustable male adaptor tee unions. This combination is simpler to produce, as screwing in and alignment are carried out separately.

Einstellbare L-Verschraubung

Té orientable en bout

Adjustable L union



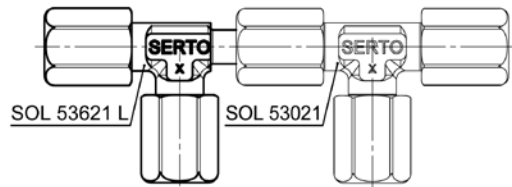
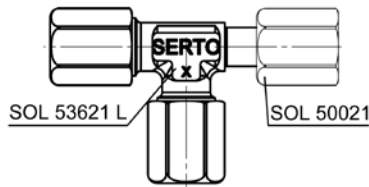
SOL 53621 L

| Type -d -d2 -Ad | Mat.-Nr. | bar | M | SW1 | SW2 | L1 | L2 | b | z | e | kg/100 |
|---------------------|--------------|-----|--------|-----|-----|------|------|------|------|-----|--------|
| SOL 53621-6-6-A6 | 078.3610.060 | 400 | 10x1.0 | 14 | 9 | 26.0 | 18.0 | 12.5 | 16.0 | 4.0 | 4.750 |
| SOL 53621-8-8-A8 | 078.3610.080 | 330 | 12x1.0 | 17 | 10 | 28.5 | 23.0 | 15.0 | 18.0 | 6.0 | 6.920 |
| SOL 53621-10-10-A10 | 078.3610.100 | 330 | 14x1.0 | 19 | 12 | 33.0 | 25.5 | 17.0 | 20.5 | 7.0 | 9.400 |

Anwendungsbeispiele:

Exemples d'utilisation:

Sample combinations:



Mögliche Kombinationen:

- mit Armaturenanschluss zu einstellbaren L-Verschraubungen
- mit Verschraubungen zu einstellbaren Verschraubungen
- mit Einschraubverschraubungen zu einstellbaren L-Einschraubverschraubungen. Gegenüber der L-Einschraubverschraubung lässt sich diese Kombination einfacher einstellen, da Einschrauben und Ausrichten getrennt voneinander vorgenommen werden.

Combinaisons possibles:

- avec écrou de raccordement ça donne un L orientable
- avec raccords ça donne des raccords orientables
- avec une union mâle ça donne un L fileté orientable. Par rapport au L orientable, cette combinaison est facile à régler, puisque le vissage et l'alignement sont réalisés séparément l'un de l'autre.

Possible combinations:

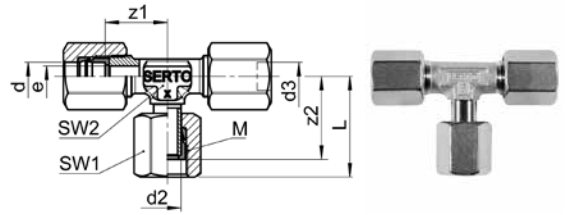
- with nut connections to adjustable L unions
- with unions to adjustable unions
- with male adaptor unions to adjustable male adaptor L unions. This combination is simpler to produce, as screwing in and alignment are carried out separately.

Einstellbare T-Verschraubung vormontiert

Té orientable au centre prémonté

Adjustable tee union pre-assembled

SOL 53625 T



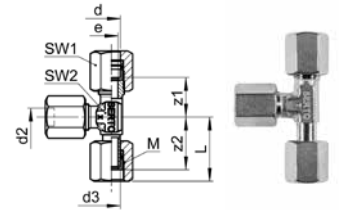
| Type -d -d2 -d3 | Mat.-Nr. | bar | M | SW1 | SW2 | L | z1 | z2 | e | kg/100 |
|---------------------|--------------|-----|--------|-----|-----|------|------|------|-----|--------|
| SOL 53625-6-A6-6 | 078.3620.060 | 400 | 10x1.0 | 14 | 9 | 26.0 | 16.0 | 19.0 | 4.0 | 6.400 |
| SOL 53625-8-A8-8 | 078.3620.080 | 330 | 12x1.0 | 17 | 10 | 28.5 | 18.0 | 24.0 | 6.0 | 9.420 |
| SOL 53625-10-A10-10 | 078.3620.100 | 330 | 14x1.0 | 19 | 12 | 33.0 | 20.5 | 26.5 | 7.0 | 12.670 |

Einstellbare L-Verschraubung vormontiert

Té orientable en bout prémonté

Adjustable L union pre-assembled

SOL 53625 L



| Type -d -d2 -d3 | Mat.-Nr. | bar | M | SW1 | SW2 | L | z1 | z2 | e | kg/100 |
|---------------------|--------------|-----|--------|-----|-----|------|------|------|-----|--------|
| SOL 53625-6-6-A6 | 078.3630.060 | 400 | 10x1.0 | 14 | 9 | 26.0 | 16.0 | 19.0 | 4.0 | 6.400 |
| SOL 53625-8-8-A8 | 078.3630.080 | 330 | 12x1.0 | 17 | 10 | 28.5 | 18.0 | 24.0 | 6.0 | 9.420 |
| SOL 53625-10-10-A10 | 078.3630.100 | 330 | 14x1.0 | 19 | 12 | 33.0 | 20.5 | 26.5 | 7.0 | 12.670 |

Montagehinweis: Anschlussmutter auf Seite Einstellteil mit 1/4 Umdrehung anziehen.
Wir empfehlen eine zusätzliche Schmierung auf der Planfläche.

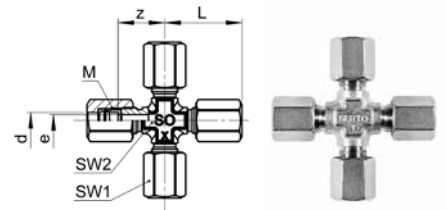
Note d'installation: Serrez l'écrou du côté orientable de 1/4 de tour.
Nous recommandons une lubrification supplémentaire sur la surface plane.

Assembly information: Tighten the union nut on the adjustable side with 1/4 turn.
We recommend additional lubrication on the plane surface.

Kreuzverschraubung

Croix égale

Cross union



SOL 54021

| Type -d | Mat.-Nr. | bar | M | SW1 | SW2 | L | z | e | kg/100 |
|---------------------|----------------------|-----|--------|------------------|-----|------|------|------|--------|
| Für metrische Rohre | Pour tubes métriques | | | For metric tubes | | | | | |
| SOL 54021-6 | 078.4000.060 | 400 | 10x1.0 | 14 | 12 | 27.5 | 17.5 | 4.5 | 8.900 |
| SOL 54021-8 | 078.4000.080 | 330 | 12x1.0 | 17 | 12 | 29.5 | 19.0 | 6.5 | 13.200 |
| SOL 54021-10 | 078.4000.100 | 330 | 14x1.0 | 19 | 14 | 35.5 | 23.0 | 8.5 | 17.300 |
| SOL 54021-12 | 078.4000.120 | 330 | 16x1.0 | 22 | 14 | 38.5 | 25.0 | 9.5 | 23.400 |
| SOL 54021-15 | 078.4000.150 | 250 | 20x1.5 | 27 | 17 | 41.0 | 26.0 | 13.0 | 39.100 |
| Für Zollrohre | Pour tubes pouces | | | For inch tubes | | | | | |
| SOL 54021-6,35 | 078.4000.063 | 400 | 10x1.0 | 14 | 12 | 27.0 | 17.5 | 4.5 | 9.700 |
| SOL 54021-9,52 | 078.4000.095 | 330 | 14x1.0 | 19 | 14 | 36.0 | 23.5 | 8.0 | 10.000 |
| SOL 54021-12,7 | 078.4000.127 | 330 | 20x1.5 | 27 | 17 | 41.5 | 26.5 | 11.0 | 19.200 |

Umrechnung für "d" bei Zollrohren:

6,35 = 1/4
 9,52 = 3/8
 12,7 = 1/2

Conversion de "d" pour tubes en pouces:

6,35 = 1/4
 9,52 = 3/8
 12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4
 9,52 = 3/8
 12,7 = 1/2

**HKM-G**

Hochdruck-Kugelhähne beidseitig
Innengewinde nach ISO 228/1
Vannes à bille pour haute pression avec taraudage BSP selon DIN-ISO 228/1
High pressure ball valves double-sided female thread to ISO 228/1

547**SOL BV 58A21**

Hochdruck-Kugelhahn SOL
Vanne à bille SOL haute pression
High pressure ball valve SOL

547**SOL CV 53B21**

Kegelrückschlagventil
Clapet anti-retour à siège conique
Taper seat non-return valve

548