

Edelstahl L

Hochdruck-Verschraubungen




























Acciaio inossidabile L

Raccordi per l'alta pressione

Stainless steel L

High pressure unions



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	<p>Verbindungsrippel Nipplo di collegamento Tube stub</p>  <p>SOL 51300</p>	<p>313-314</p> <p>Einstellbare Winkelverschraubung Raccordo a gomito orientabile Adjustable elbow union</p>  <p>SOL 52621</p>	<p> Spezialbehandlung für Einsatz mit Sauerstoff Trattamento speciale per uso con ossigeno Special treatment for use with oxygen</p>	
	<p>Einstellbare Verschraubung Raccordo orientabile Adjustable union</p>  <p>SOL 51325</p>	<p>315</p> <p>Winkel-Schottverschraubung Raccordo a gomito passa paratia Panel mount elbow union</p>  <p>SOL 52721</p>	<p> Spezialbehandlung - silikonfrei Trattamento speciale - privo di silicone Special treatment - silicone free</p>	
	<p>Anschweißverschraubung Raccordo da saldare Weld-on union</p>  <p>SOL 51429</p>	<p>316</p> <p>Schwenkverschraubung Raccordo girevole Single banjo</p>  <p>SOL 52824</p>	<p> Vorbeschichtete Gewinde mit Loctite 5061 Filetti prerivestiti con Loctite 5061 Pre-coated threads with Loctite 5061</p>	
			<p>Bestätigungen auf www.serto.com Conferme su www.serto.com Confirmations on www.serto.com</p>	
			<p> RoHS</p>	
			<p> CE</p>	
			<p> Ex</p>	
			<p> FDA</p>	

Edelstahl L

Acciaio inossidabile 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 %	100 %	100 %	75 %	60 %	50 %	auf Anfrage su richiesta on request

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

Caratteristiche, particolarità

- elevata resistenza alla pressione
- montaggio semplice e robusto grazie alla limitazione della trazione
- resistente alla corrosione
- forma costruttiva compatta
- ottima resistenza alle vibrazioni

Materiale

Acciaio inossidabile 1.4571 (≈ AISI 316 Ti)
con lega X6CrNiMoTi17-12-2,
DIN EN 10088-3

Pressione di esercizio PN (stat.)

200 – 400 bar, per dettagli vedi tabelle pro-
dotti (fattore di sicurezza 4)

Gamma di temperature

-196 °C a +500 °C, fino a +600 °C su richiesta

Tasso di perdita dell'elio

10⁸ mbar • l/s *

Vuoto

10⁶ mbar

Tubi da usare

Tubi di precisione in acciaio inossidabile senza
saldature (conformemente a DIN EN 10216-5/
EN ISO 1127, classe di tolleranza T4) con super-
ficie liscia pulita. Tolleranza diametro esterno di
± 0.1 mm. Vedi anche il capitolo i e capitolo 19.
Altri materiali su richiesta.

Certificato di ispezione

Certificato di ispezione 3.1 conforme a
EN 10204 (a pagamento)

Omologazioni

DVGW, SVGW

Conferme

FDA per gli O-ring FKM

Manicotto maschi, filettature

Filetto British Standard Pipe (BSP) e metrico
fine DIN 3852; conico a forma C; filetto con
bordo di tenuta a forma B. Filetto NPT conforme
a ANSI B1.20.1.

Per una tenuta sicura delle filettature maschio
conico, consigliamo Loctite® 5061.

Coefficiente di pressione in % della 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 threads

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.

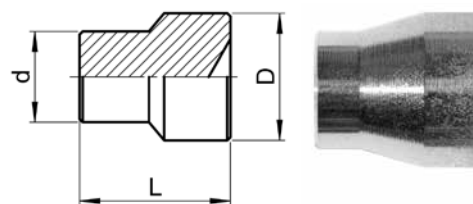
For sealing of the tapered male adaptor thread
we recommend Loctite® 5061.

Pressure coefficient % of PN

Abschlusszapfen

Tappo di chiusura

Plug



SO 50002

Type -d	Mat.-Nr.	L	D	kg/100
Für metrische Rohre	Per tubi in unità metrica		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	Per tubi in unità pollici		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

Conversione per "d" per i tubi in pollici:

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

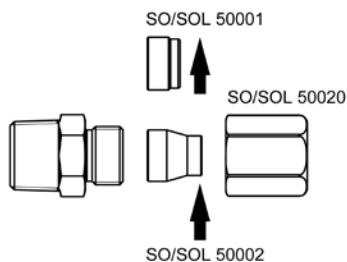
12,7 = 1/2

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.

Esempio di utilizzo:



Il tappo di chiusura può essere inserito in ogni raccordo al posto di un anello di serraggio di analoghe dimensioni. In caso di sostituzione di un anello di serraggio di riduzione con un tappo di chiusura, occorre sempre fare riferimento alle dimensioni del dado di attacco.

Nota per il montaggio: Stringere il dado di attacco di 1/4 di giro.

Sample combinations:

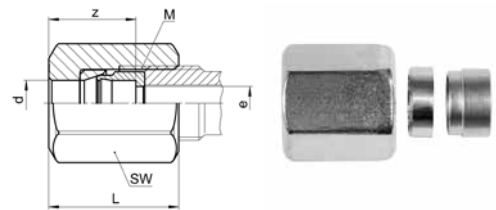
The plug can be inserted into all unions instead of a compression ferrule of the same size. If a reduction compression ferrule is replaced by a plug, the size of the union nut must be used as a basis.

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

Armaturenanschluss

Dado e anello di serraggio

Nut connection



SOL 50021

Type -d	Mat.-Nr.	bar	M	SW	L	z	e	kg/100
Für metrische Rohre	Per tubi in unità metrica			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	Per tubi in unità pollici			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

Conversione per "d" per i tubi in pollici:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4

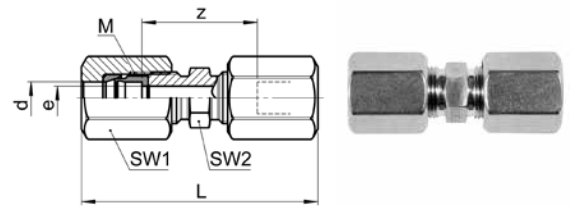
9,52 = 3/8

12,7 = 1/2

Gerade Verschraubung

Raccordo intermedio diritto

Straight union



SOL 51021

Type -d	Mat.-Nr.	bar	M	SW1	SW2	L	z	e	kg/100
Für metrische Rohre	Per tubi in unità metrica			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	Per tubi in unità pollici			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

Conversione per "d" per i tubi in pollici:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

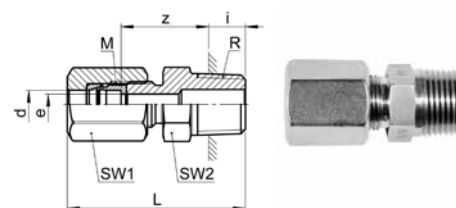
Conversion for "d" for inch tubes:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Gerade Einschraubverschraubung Raccordo diretto con filetto maschio 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)	Per tubi in unità metrica R=Filettatura BSP (conica)					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

Per tubi in unità pollici

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

Conversione per "d" per i tubi in pollici:

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

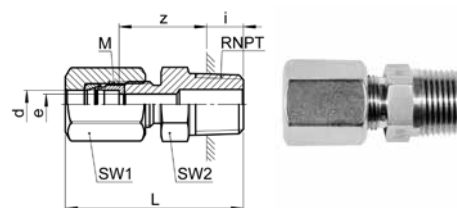
Conversion for "d" for inch tubes:

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

Gerade Einschraubverschraubung NPT

Raccordo diritto con filetto maschio 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	Per tubi in unità metrica			For metric tubes						
RNPT=NPT Gewinde	RNPT=Filettatura 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	Per tubi in unità pollici			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

Conversione per "d" per i tubi in pollici:

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

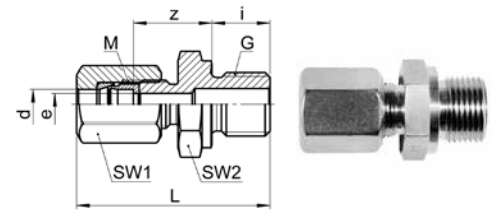
mit Dichtkante

Raccordo diritto con filetto maschio

con bordo di tenuta

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	Per tubi in unità metrica						For metric tubes					
G=Rohrgewinde (zylindrisch)	G=Filettatura BSP (cilindrica)						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	Per tubi in unità pollici						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

Conversione per "d" per i tubi in pollici:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4

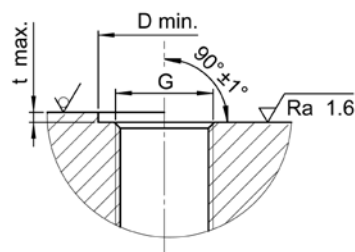
9,52 = 3/8

12,7 = 1/2

Einbauempfehlung:

Raccomandazione di montaggio:

Recommendation for installation:

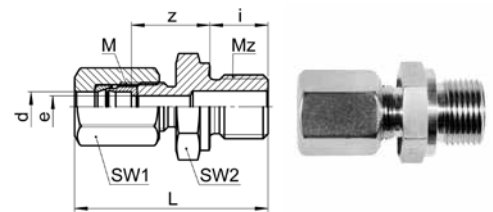


d=Rohrøussen-ø
e=kleinste Bohrung
L=Mass in montiertem Zustand

d=diametro esterno del tubo
e=foro minimo di passaggio
L=dimensione raccordo montato

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

Gerade Einschraubverschraubung METR
Raccordo diretto con filetto maschio 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	Per tubi in unità metrica									
Mz=metrisches Gewinde (zylindrisch)	Mz=Filettatura metrica (cilindrica)									
SOL 51124-6-M5	078.1143.155	400	10x1.0	14	10	27.5	4.5	13.0	2.2	1.800
Für Zollrohre	Per tubi in unità pollici									
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

Conversione per "d" per i tubi in pollici:
6,35 = 1/4

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

Gerade Einschraubverschraubung

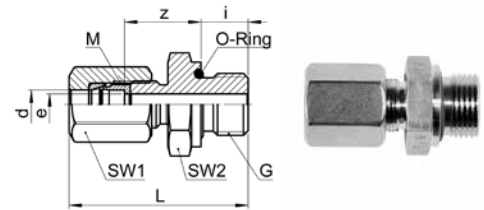
mit Conovor O-Ringabdichtung (FKM)

Raccordo diritto con filetto maschio

con O-ring 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	Per tubi in unità metrica						For metric tubes						
G=Rohrgewinde (zylindrisch)	G=Filettatura BSP (cilindrica)						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

Per tubi in unità pollici

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

Conversione per "d" per i tubi in pollici:

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

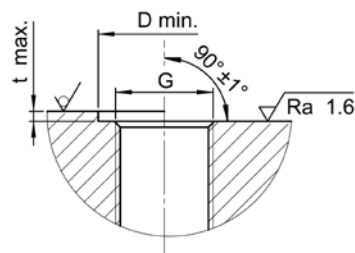
12,7 = 1/2

6

Einbauempfehlung:

Raccomandazione di montaggio:

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

Gamma di temperatura operativa: -20° C a +200° C

I vantaggi di questa guarnizione O-ring:

- assenza di residui di sigillante nelle apparecchiature
- tenuta perfetta
- assenza di danni alle apparecchiature dovuti a filettature coniche
- montaggio rapido

Guarnizione O-ring brevettata 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=diametro esterno del tubo

e=foro minimo di passaggio

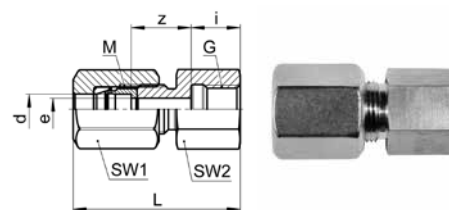
L=dimensione raccordo montato

d=tube outside diameter

e=minimum bore

L=installed length

Gerade Aufschraubverschraubung Raccordo diritto con filetto femmina Female adaptor union



SOL 51221

Type -d-G	Mat.-Nr.	bar	M	SW1	SW2	L	i	z	e	kg/100
Für metrische Rohre	Per tubi in unità metrica			For metric tubes						
G=Rohrgewinde (zylindrisch)	G=Filettatura BSP (cilindrica)			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	Per tubi in unità pollici			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

Conversione per "d" per i tubi in pollici:

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

Conversion for "d" for inch tubes:

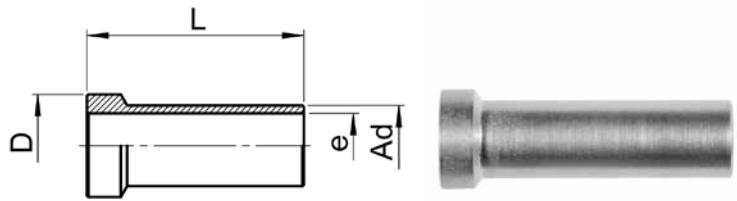
6,35 = 1/4
9,52 = 3/8
12,7 = 1/2

Verbindungsrippel

Nipplo di collegamento

Tube stub

SOL 51300

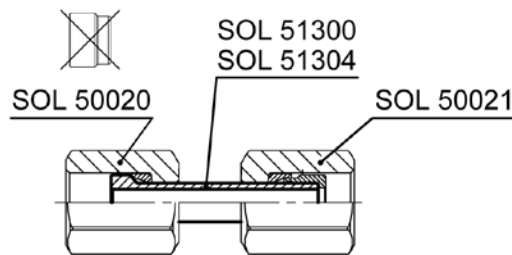


Type -Ad	Mat.-Nr.	bar	L	D	e	kg/100
SOL 51300-A6	076.1300.060	400	32.0	8.9	3.8	0.560
SOL 51300-A8	076.1300.080	330	35.0	10.9	5.6	0.900
SOL 51300-A10	076.1300.100	330	40.0	12.9	6.5	1.700
SOL 51300-A12	076.1300.120	330	32.0	14.9	8.0	2.000
SOL 51300-A15	076.1300.150	250	37.0	18.4	11.0	2.800
SOL 51300-A16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

Esempio di utilizzo:

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.

Se i nippoli di collegamento vengono uniti ad un dado di attacco e ad un dado con anello di serraggio, si forma un raccordo orientabile.

Anche disponibile preassemblato (SOL 51325 / SOL 51326).

Nota per il montaggio: Stringere il dado di attacco sul lato dell'anello di serraggio ruotato (a sinistra in fig.) con 1/4 di giro. Stringere il dado di attacco sull'altro lato (a destra in fig.) con 1 3/4 di giro.

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

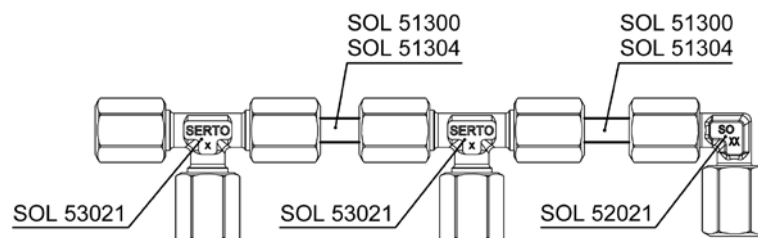
Also available pre-assembled (SOL 51325 / SOL 51326).

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:

Esempio di utilizzo:

Sample combinations:



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

Con il raccordo orientabile è possibile di collegare i pezzi con la stessa filettatura.

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

Verbindungsrippel

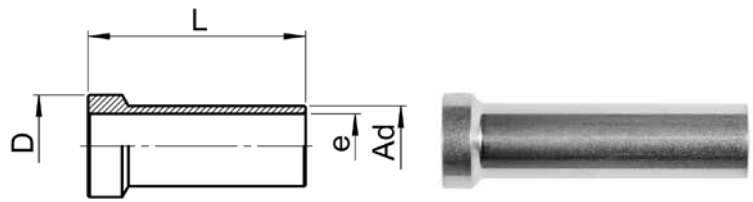
radial demontierbar

Nipplo di collegamento

smontaggio radiale

Tube stub

radial dismantling

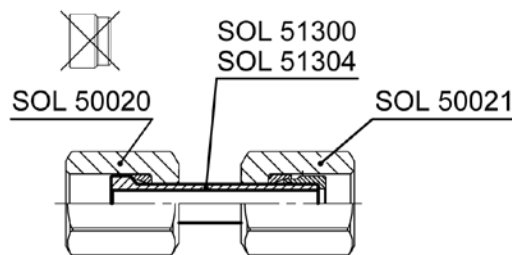
SOL 51304


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:

Esempio di utilizzo:

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.

Se i nippoli di collegamento vengono uniti ad un dado di attacco e ad un dado con anello di serraggio, si forma un raccordo orientabile.

Anche disponibile preassemblato (SOL 51325 / SOL 51326).

Nota per il montaggio: Stringere il dado di attacco sul lato dell'anello di serraggio ruotato (a sinistra in fig.) con 1/4 di giro. Stringere il dado di attacco sull'altro lato (a destra in fig.) con 1 3/4 di giro.

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

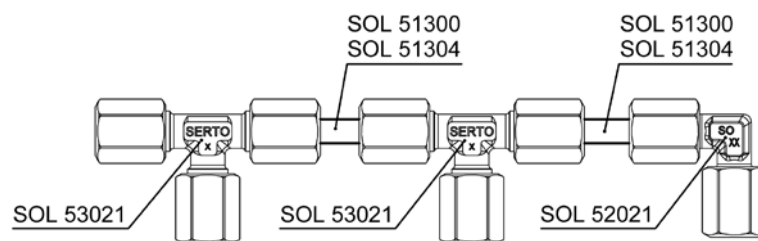
Also available pre-assembled (SOL 51325 / SOL 51326).

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:

Esempio di utilizzo:

Sample combinations:



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

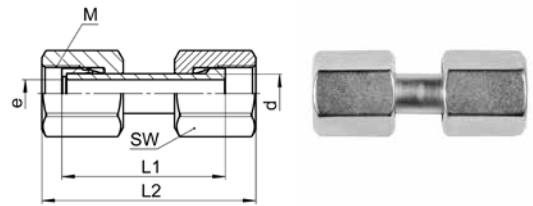
Con il raccordo orientabile è possibile di collegare i pezzi con la stessa filettatura.

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

Einstellbare Verschraubung

Raccordo orientabile

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

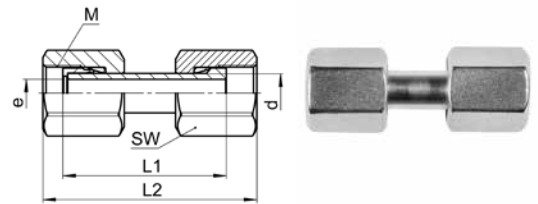
radial demontierbar

Raccordo orientabile

smontaggio radiale

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.

Con il raccordo orientabile è possibile di collegare i pezzi con la stessa filettatura.

Nota per il montaggio: Stringere i due dadi di attacco con 1/4 di giro. Si consiglia una lubrificazione supplementare sulla superficie piana.

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

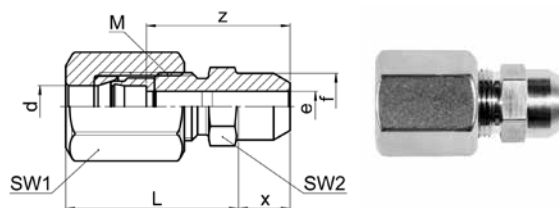
Assembly information: Tighten both union nuts with 1/4 turn. We recommend additional lubrication on the plane surface.

Anschweisverschraubung

Raccordo da saldare

Weld-on union

SOL 51429



Type -d	Mat.-Nr.	bar	M	SW1	SW2	L	f	x	z	e	kg/100	
Für metrische Rohre	Per tubi in unità metrica					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	Per tubi in unità pollici					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

Conversione per "d" per i tubi in pollici:

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.

Dopo la saldatura, ingrassare i punti di lubrificazione necessari come raccomandato da SERTO con l'olio lubrificante speciale AC 850.

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

Gerade Schottverschraubung

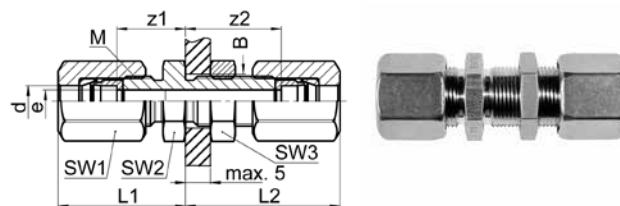
Durchführungslänge max. 5 mm

Raccordo diritto passa paratia

spessore max. paratia 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	Per tubi in unità metrica						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	Per tubi in unità pollici						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

Conversione per "d" per i tubi in pollici:

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

Per il dado esagonale, vedi SO 50006 METR

Hexagon nut see SO 50006 METR

Gerade Schottverschraubung

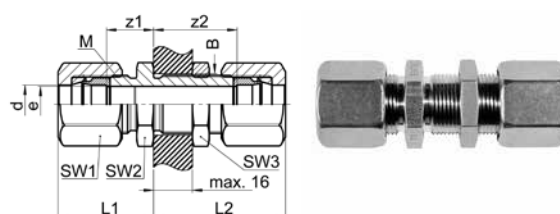
Durchführungslänge max. 16 mm

Raccordo diritto passa paratia

spessore max. paratia 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

Per il dado esagonale, vedi SO 50006 METR

Hexagon nut see SO 50006 METR

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

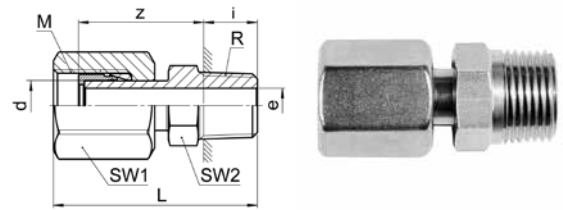
d=diametro esterno del tubo
e=foro minimo di passaggio
L=dimensione raccordo montato

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

Einstellbare Einschraubverschraubung

Raccordo con filetto maschio orientabile

Adjustable male adaptor union



SOL 51625

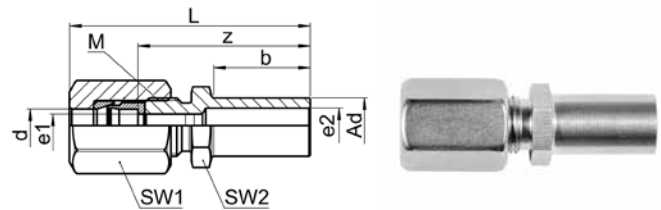
Type -d -R	Mat.-Nr.	bar	M	SW1	SW2	L	i	z	e	kg/100
R=Rohrgewinde (kegelig)			R=Filettatura BSP (conica)					R=BSP thread (tapered)		
SOL 51625-A6-1/8	078.1620.100	400	10x1.0	14	12	34.5	5.0	23.0	4.0	2.600
SOL 51625-A6-1/4	078.1620.110	400	10x1.0	14	14	39.5	8.0	25.0	4.0	3.350
SOL 51625-A8-1/8	078.1620.160	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.

Nota per il montaggio: Stringere il dado di attacco con 1/4 di giro.
Si consiglia una lubrificazione supplementare sulla superficie piana.

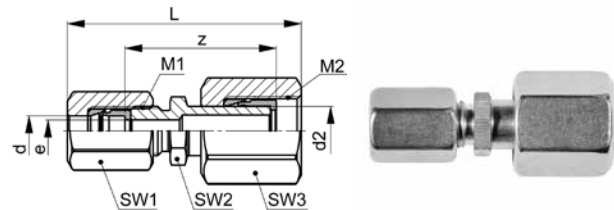
Assembly information: Tighten the union nut with 1/4 turn.
We recommend additional lubrication on the plane surface.

**Reduktions-
Einstellverschraubung**
Raccordo di riduzione orientabile
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**
**Raccordo di riduzione orientabile
premontato**
**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.

Nota per il montaggio: Stringere il dado di attacco sul lato orientabile con 1/4 di giro.
Si consiglia una lubrificazione supplementare sulla superficie piana.

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

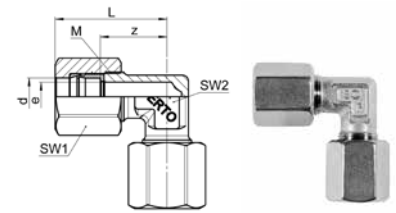
d=diametro esterno del tubo
Ad=diametro esterno del nipplo cil.
e=foro minimo di passaggio
L=dimensione raccordo montato

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

Winkelverschraubung

Raccordo a gomito

Elbow union



SOL 52021

Type -d	Mat.-Nr.	bar	M	SW1	SW2	L	z	e	kg/100
Für metrische Rohre	Per tubi in unità metrica			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	Per tubi in unità pollici			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

Conversione per "d" per i tubi in pollici:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4

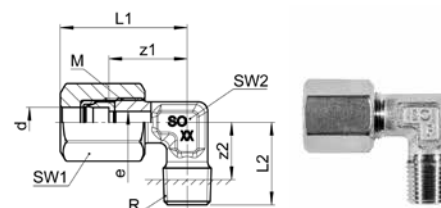
9,52 = 3/8

12,7 = 1/2

Winkel-Einschraubverschraubung

Raccordo a gomito con filetto maschio

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	Per tubi in unità metrica			For metric tubes							
R=Rohrgewinde (kegelig)	R=Filettatura BSP (conica)			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	Per tubi in unità pollici			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

Conversione per "d" per i tubi in pollici:

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

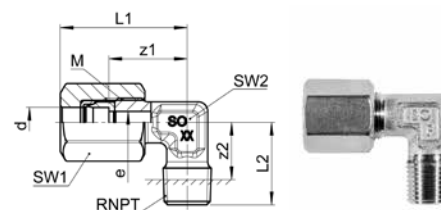
Conversion for "d" for inch tubes:

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

Winkel Einschraubverschraubung NPT

Raccordo a gomito con filetto maschio 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	Per tubi in unità metrica RNPT=Filettatura NPT			For metric tubes RNPT=NPT thread							
SOL 52421-6-1/8 NPT	078.2402.100	400	10x1.0	14	9	26.0	17.5	16.0	13.5	4.5	1.900
SOL 52421-8-1/4 NPT	078.2402.170	330	12x1.0	17	10	28.0	22.5	18.0	18.5	6.5	3.300
SOL 52421-10-1/4 NPT	078.2402.270	330	14x1.0	19	12	33.0	25.0	20.5	19.0	8.5	4.200
SOL 52421-12-3/8 NPT	078.2402.390	330	16x1.0	22	14	35.0	26.0	21.5	20.0	10.0	5.700
SOL 52421-15-1/2 NPT	078.2402.534	250	20x1.5	27	17	39.0	29.5	24.0	21.5	13.0	10.200

Für Zollrohre	Per tubi in unità pollici			For inch tubes							
SOL 52421-6,35-1/8 NPT	078.2402.135	400	10x1.0	14	9	27.0	17.5	16.5	13.5	4.5	3.000
SOL 52421-9,52-1/4 NPT	078.2402.230	330	14x1.0	19	12	33.5	25.0	21.0	19.0	8.0	6.200
SOL 52421-12,7-1/2 NPT	078.2402.434	330	20x1.5	27	17	39.5	29.5	24.5	21.5	11.0	14.900

Umrechnung für "d" bei Zollrohren:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversione per "d" per i tubi in pollici:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4

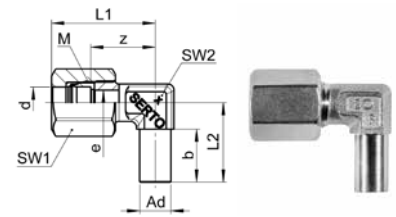
9,52 = 3/8

12,7 = 1/2

Einstellbare Winkelverschraubung

Raccordo a gomito orientabile

Adjustable elbow union



SOL 52621

Type -d -Ad	Mat.-Nr.	bar	M	SW1	SW2	L1	L2	b	z	e	kg/100
Für metrische Rohre	Per tubi in unità metrica					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

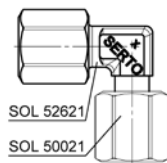
Für Zollrohre	Per tubi in unità pollici					For inch tubes					
SOL 52621-6,35-A6	078.2600.067	400	10x1.0	14	9	26.5	18.0	12.5	16.0	4.0	4.600

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

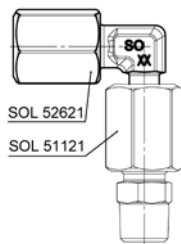
Conversione per "d" per i tubi in pollici:
6,35 = 1/4

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

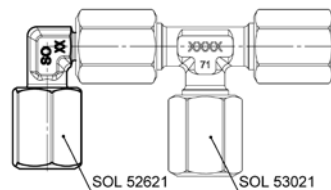
Anwendungsbeispiele:



Esempio di utilizzo:



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.

Combinazioni possibili:

- con dado e anello di serraggio divengono raccordi orientabili
- con raccordi divengono raccordi orientabili
- con raccordi filettati maschi divengono gomiti con estremità orientabili. Contrariamente al gomito maschio, questa combinazione risulta più semplice da realizzare poiché l'incastro e l'allineamento vengono effettuati separatamente.

Possible combinations:

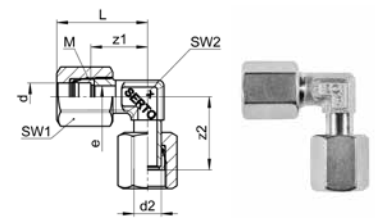
- with a nut connection to adjustable elbow unions
- with a union to adjustable unions
- with a male adaptor union to adjustable male adaptor elbow unions. This combination is simpler to produce, as screwing in and alignment are carried out separately.

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

d=diametro esterno del tubo
Ad=diametro esterno del nippolo cil.
e=foro minimo di passaggio
L=dimensione raccordo montato

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

Einstellbare Winkelverschraubung vormontiert
Raccordo a gomito orientabile premontato
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.

Nota per il montaggio: Stringere il dado di attacco sul lato orientabile con 1/4 di giro.
 Si consiglia una lubrificazione supplementare sulla superficie piana.

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

Winkel-Schottverschraubung

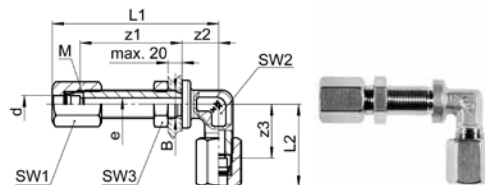
Durchführungslänge max. 20 mm

Raccordo a gomito passa paratia

spessore max. paratia 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			Per tubi in unità metrica				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			Per tubi in unità pollici				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

Conversione per "d" per i tubi in pollici:

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

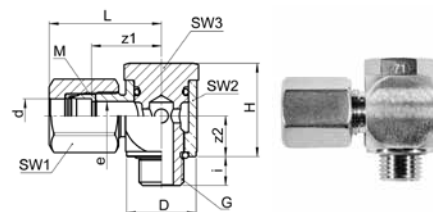
Per il dado esagonale, vedi SO 50006 METR

Hexagon nut see SO 50006 METR

Schwenkverschraubung

Raccordo girevole

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		Per tubi in unità metrica					For metric tubes								
G=Rohrgewinde (zylindrisch)		G=Filettatura BSP (cilindrica)					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		Per tubi in unità pollici					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

Conversione per "d" per i tubi in pollici:

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

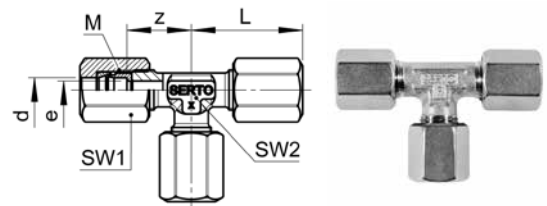
O-ring: FKM

O-Rings: FKM

T-Verschraubung

Raccordo a T

Tee union



SOL 53021

Type -d	Mat.-Nr.	bar	M	SW1	SW2	L	z	e	kg/100
Für metrische Rohre	Per tubi in unità metrica			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	Per tubi in unità pollici			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

Conversione per "d" per i tubi in pollici:

6,35 = 1/4

9,52 = 3/8

12,7 = 1/2

Conversion for "d" for inch tubes:

6,35 = 1/4

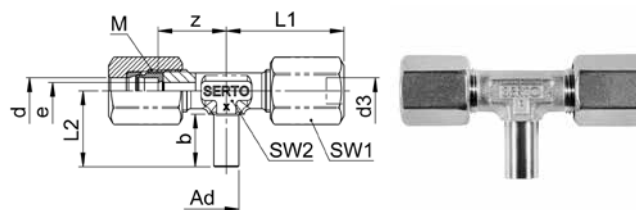
9,52 = 3/8

12,7 = 1/2

Einstellbare T-Verschraubung

Raccordo a T orientabile

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	Per tubi in unità metrica					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	Per tubi in unità pollici					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

Conversione per "d" per i tubi in pollici:

6,35 = 1/4

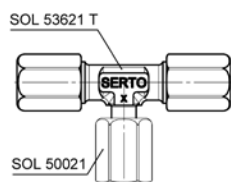
9,52 = 3/8

Conversion for "d" for inch tubes:

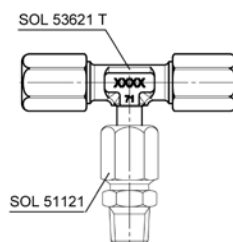
6,35 = 1/4

9,52 = 3/8

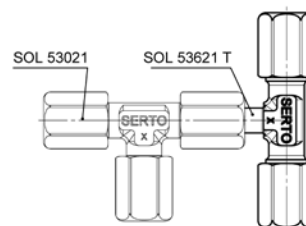
Anwendungsbeispiele:



Esempio di utilizzo:



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.

Combinazioni possibili:

- con dado e anello di serraggio divengono raccordi a T orientabili
- con raccordi divengono raccordi orientabili
- con raccordi filettati maschi divengono raccordi a T maschi orientabili. Contrariamente al raccordo a T maschio, questa combinazione risulta più semplice da realizzare poiché l'incastro e l'allineamento vengono effettuati separatamente.

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.

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

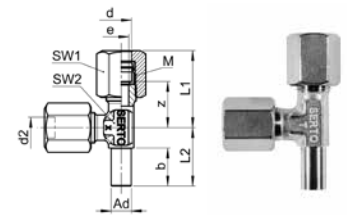
d=diametro esterno del tubo
Ad=diametro esterno del nippolo cil.
e=foro minimo di passaggio
L=dimensione raccordo montato

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

Einstellbare L-Verschraubung

Raccordo a L orientabile

Adjustable L union



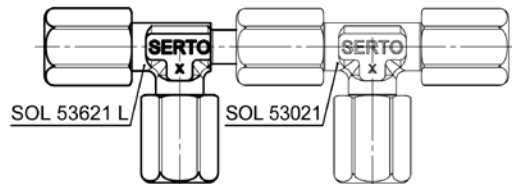
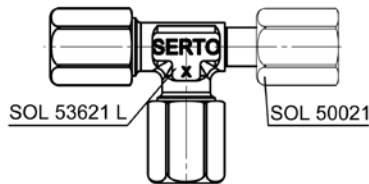
SOL 53621 L

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:

Esempio di utilizzo:

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.

Combinazioni possibili:

- con dado e anello di serraggio divengono raccordi a L orientabili
- con raccordi divengono raccordi orientabili
- con raccordi filettati maschi divengono raccordi a L maschi orientabili. Contrariamente al raccordo a L maschio, questa combinazione risulta più semplice da realizzare poiché l'incastro e l'allineamento vengono effettuati separatamente.

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.

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

d=diametro esterno del tubo
Ad=diametro esterno del nipplo cil.
e=foro minimo di passaggio
L=dimensione raccordo montato

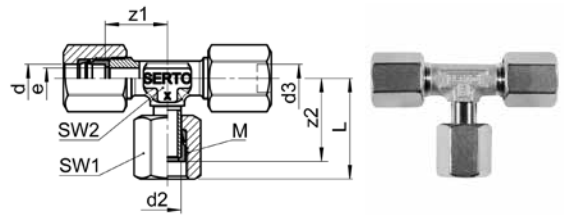
d=tube outside diameter
Ad=outside diameter of cyl. stub
e=minimum bore
L=installed length

Einstellbare T-Verschraubung vor- montiert

Raccordo a T orientabile premontato

Adjustable tee union pre-assembled

SOL 53625 T



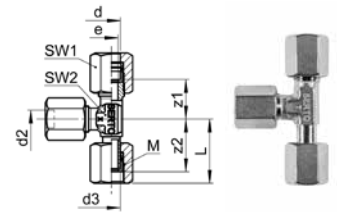
Type -d -d2 -d3	Mat.-Nr.	bar	M	SW1	SW2	L	z1	z2	e	kg/100
SOL 53625-6-A6-6	078.3620.060	400	10x1.0	14	9	26.0	16.0	19.0	4.0	6.400
SOL 53625-8-A8-8	078.3620.080	330	12x1.0	17	10	28.5	18.0	24.0	6.0	9.420
SOL 53625-10-A10-10	078.3620.100	330	14x1.0	19	12	33.0	20.5	26.5	7.0	12.670

Einstellbare L-Verschraubung vormontiert

Raccordo a L orientabile premontato

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.

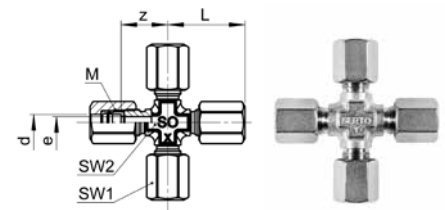
Nota per il montaggio: Stringere il dado di attacco sul lato orientabile con 1/4 di giro. Si consiglia una lubrificazione supplementare sulla superficie piana.

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

Kreuzverschraubung

Croce

Cross union



SOL 54021

Type -d	Mat.-Nr.	bar	M	SW1	SW2	L	z	e	kg/100
Für metrische Rohre	Per tubi in unità metrica			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	Per tubi in unità pollici			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

Conversione per "d" per i tubi in pollici:

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
Valvola a sfera ad alta pressione con filetto
interno BSP DIN-ISO 228/1
High pressure ball valves double-sided
female thread to ISO 228/1

547**SOL BV 58A21**

Hochdruck-Kugelhahn SOL
Valvola a sfera SOL ad alta pressione
High pressure ball valve SOL

547**SOL CV 53B21**

Kegelrückschlagventil
Valvola di ritegno a sede conica
Taper seat non-return valve

548