

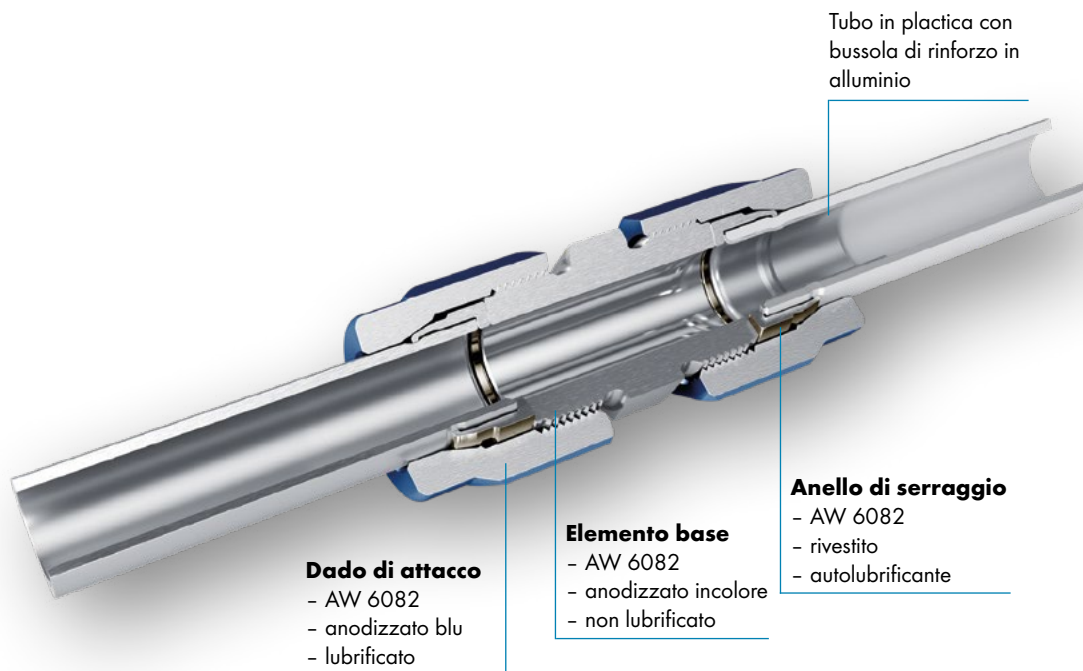


Il raccordo in alluminio



Leggero, robusto, versatile

Raccordi in alluminio con il principio SERTO



Dado di attacco
 - AW 6082
 - anodizzato blu
 - lubrificato

Elemento base
 - AW 6082
 - anodizzato incolore
 - non lubrificato

Anello di serraggio
 - AW 6082
 - rivestito
 - autolubrificante

Tubo in plastica con
 bussola di rinforzo in
 alluminio

Caratteristiche

Proprietà	Vantaggi per il cliente
<ul style="list-style-type: none"> • Leggerissimo, circa un terzo del peso rispetto ad acciaio inox e ottone 	Peso inferiore
<ul style="list-style-type: none"> • Buona resistenza a corrosione, intemperie, acqua di mare, termofluidi, oli minerali, benzina, gas di vario tipo 	Utilizzo in sicurezza in diverse condizioni
<ul style="list-style-type: none"> • Già lubrificato e quindi pronto per il montaggio 	Risparmio di tempo e denaro
<ul style="list-style-type: none"> • Sistema radiale 	Risparmio di tempo e spazio, maggior sicurezza e semplicità di montaggio

Esempi di utilizzo

- Impianti di raffreddamento per circuiti elettronici di potenza
- Tubazioni per costruzione leggera
- Linee per circuiti pneumatici, di alimentazione del carburante, lubrificanti e frenanti di autoveicoli

Specifiche

Pressione di esercizio (PN): Fino a 100 bar; dettagli vedi tabelle dei prodotti (fattore di sicurezza 4)

Temperatura: -196 °C a +120 °C

Perdita di tenuta all'elio: < 10⁻⁶ mbar • l/s

Tubi consigliati

Tubi trafilati con leghe AW 6060 (T6 / T4) o AW 5049 (H111) e con tolleranze di diametro secondo DIN EN 754-7 (trafilati senza saldatura) o 754-8 (trafilati con saldatura).

Campi di applicazione



Tecnologia energetica



Costruzione leggera

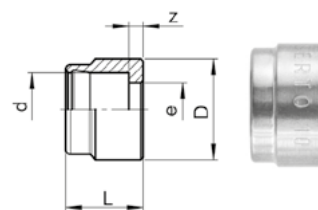


Mobilità

Klemmring

Anello di serraggio

Compression ferrule



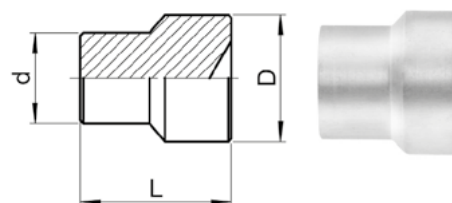
SO 10001

Type-d	Mat.-Nr.	bar	L	D	z	e	kg/100
SO 10001-8	1004464	100	7.0	10.5	1.0	6.0	0.060
SO 10001-10	1004465	100	7.5	12.7	1.0	8.0	0.080
SO 10001-12	1022776	100	8.5	14.7	1.0	9.0	0.120
SO 10001-15	1003657	100	10.0	18.0	1.5	12.0	0.190
SO 10001-18	1021282	100	10.0	22.0	1.5	15.0	0.310
SO 10001-22 OR	1003219	64	11.0	25.7	1.5	18.0	0.390
SO 10001-28 OR	1003225	64	13.0	32.7	2.0	24.0	0.720
SO 10001-35 OR	1003226	40	13.0	39.0	2.0	30.0	0.780

Abschlusszapfen

Tappo di chiusura

Plug



SO 10002

Type-d	Mat.-Nr.	L	D	kg/100
SO 10002-8	1048335	10.5	10.5	0.190
SO 10002-10	1048338	12.0	12.7	0.310
SO 10002-12	1048341	14.0	14.7	0.510
SO 10002-15	1048342	15.0	18.0	0.830
SO 10002-18	1048332	16.8	22.0	1.310
SO 10002-22	1048336	19.0	25.7	2.090
SO 10002-28	1048340	22.5	32.7	4.030
SO 10002-35	1022025	19.0	39.0	4.900

Anwendungsbeispiele:

Der Abschlusszapfen lässt sich in jede Verschraubung anstelle eines Klemmringes der gleichen Größe einsetzen.

Montagehinweis: Anschlussmutter mit 1/4 Umdrehung anziehen.

Esempio di utilizzo:

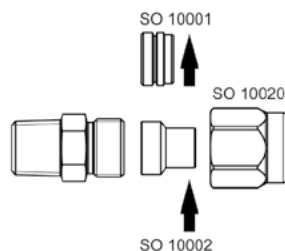
Il tappo di chiusura può essere inserito in ogni raccordo al posto di un anello di serraggio di analoghe dimensioni.

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.

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



Stützhülse

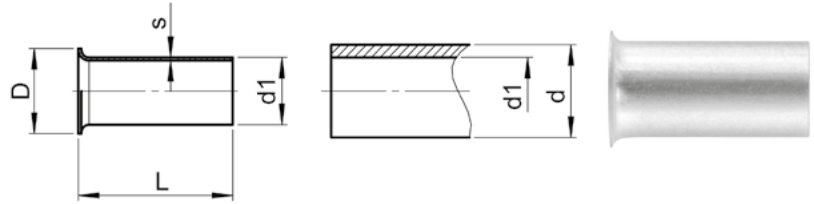
zur Rohrverstärkung

Bussola di rinforzo

per il rinforzo dei tubi

Stiffener sleeve

to reinforce tubes

**SO 10003**

Type -d-d1	Mat.-Nr.	L	D	s	kg/100
SO 10003-8-6	1016201	12.0	7.5	0.25	0.020
SO 10003-10-7	1008276	15.0	9.5	0.30	0.030
SO 10003-10-8	1016203	16.0	9.5	0.30	0.030
SO 10003-12-9	1040491	20.0	11.5	0.40	0.060
SO 10003-12-10	1016198	20.0	11.5	0.40	0.060
SO 10003-15-12	1001629	24.0	14.5	0.50	0.120
SO 10003-18-15	1041063	26.0	16.5	0.60	0.190
SO 10003-18-16	1016197	26.0	17.5	0.60	0.200

Werkstoff: Aluminium AW 6060

Materiale: Alluminio AW 6060

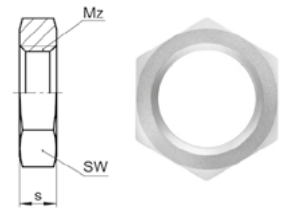
Material: Aluminium AW 6060

Für die Verwendung von Aluminium-Verschraubungen in Kombination mit Kunststoff-Rohren.

Per l'utilizzo di raccordi in alluminio nelle in combinazione con tubi in plastica.

For the use of aluminium unions in combination with plastic tubes.

Sechskantmutter METR
Dado esagonale METR
Hexagon nut METR



SO 10006 METR

Type -Mz	Mat.-Nr.	SW	s	kg/100
Mz=metrisches Gewinde (zylindrisch)	Mz=Filettatura metrica (cilindrica)	Mz=Metric thread (parallel)		
SO 10006-M14x1	1047393	19	7.00	0.330
SO 10006-M16x1	1000645	22	7.00	0.450
SO 10006-M24x1,5	1047390	30	12.00	1.200
SO 10006-M28x1,5	1047389	36	14.00	2.100

Sechskantmutter für SO 11524, SO 12721

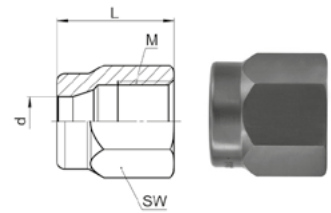
Dado esagonale per SO 11524, SO 12721

Hexagon nut for SO 11524, SO 12721

Anschlussmutter

Dado di attacco

Union nut



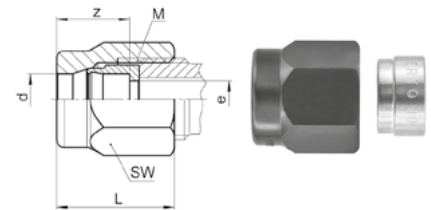
SO 10020

Type-d	Mat.-Nr.	bar	M	SW	L	kg/100
SO 10020-8	1004466	100	12x1.0	14	16.0	0.340
SO 10020-10	1004467	100	14x1.0	17	18.5	0.620
SO 10020-12	1022778	100	16x1.0	19	20.0	0.770
SO 10020-15	1003656	100	20x1.5	24	24.0	1.530
SO 10020-18	1021271	100	24x1.5	30	25.0	2.640
SO 10020-22	1001283	64	28x1.5	32	28.0	2.710
SO 10020-28	1046364	64	36x2.0	41	32.0	4.970
SO 10020-35	1022038	40	42x2.0	50	32.0	7.880

Armaturenanschluss

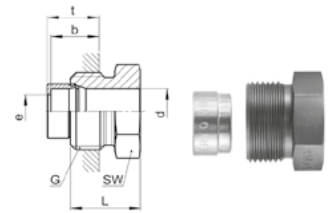
Dado e anello di serraggio

Nut connection

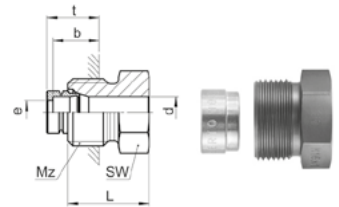


SO 10021

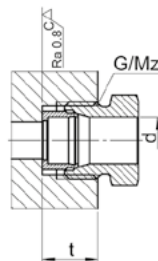
Type-d	Mat.-Nr.	bar	M	SW	L	z	e	kg/100
SO 10021-8	1006897	100	12x1.0	14	16.0	8.5	6.0	0.400
SO 10021-10	1006899	100	14x1.0	17	18.5	10.5	8.0	0.700
SO 10021-12	1006900	100	16x1.0	19	20.0	12.0	9.0	0.890
SO 10021-15	1006901	100	20x1.5	24	24.0	13.0	12.0	1.720
SO 10021-18	1006903	100	24x1.5	30	25.0	13.5	15.0	2.960
SO 10021-22	1046131	64	28x1.5	32	28.0	16.5	18.0	3.100
SO 10021-28	1008412	64	36x2.0	41	32.0	16.5	24.0	5.690
SO 10021-35	1018095	40	42x2.0	50	32.0	17.0	30.0	8.660

Anschlussnippel**Nipplo maschio per collegamento tubo****Nipple connection****SO 11001**

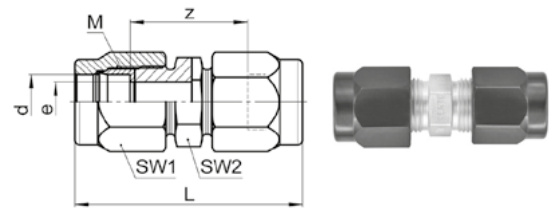
Type -d -G	Mat.-Nr.	bar	SW	L	b	t	e	kg/100
G=Rohrgewinde (zylindrisch)			G=Filettatura BSP (cilindrica)					
							G=BSP thread (parallel)	
SO 11001-8-1/4	1051789	100	14	15.0	9.0	10.0	6.0	0.400
SO 11001-10-3/8	1051790	100	17	15.0	9.0	10.0	8.0	0.620

Anschlussnippel METR**Nipplo maschio per collegamento tubo METR****Nipple connection METR****SO 11001 METR**

Type -d -Mz	Mat.-Nr.	bar	SW	L	b	t	e	kg/100
Mz=metrisches Gewinde (zylindrisch)			Mz=Filettatura metrica (cilindrica)					
							Mz=Metric thread (parallel)	
SO 11001-10-M16x1	1053490	100	17	15.0	9.0	10.0	8.0	0.600
SO 11001-12-M18x1	1054579	100	19	15.0	10.0	11.0	9.0	0.700

Anwendungsbeispiele:**Esempio di utilizzo:****Sample combinations:**

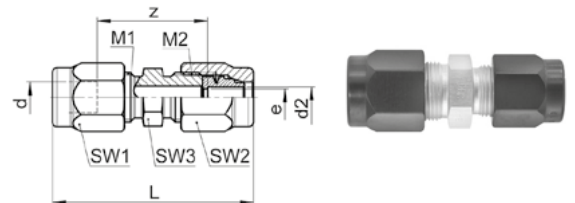
Gerade Verschraubung
Raccordo intermedio diritto
Straight union



SO 11021

Type -d	Mat.-Nr.	bar	M	SW1	SW2	L	z	e	kg/100
SO 11021-8	1003655	100	12x1.0	14	12	41.0	24.5	6.0	1.280
SO 11021-10	1003649	100	14x1.0	17	14	47.0	25.5	8.0	2.000
SO 11021-12	1033380	100	16x1.0	19	17	50.0	26.0	9.0	2.680
SO 11021-18	1003648	100	24x1.5	30	24	64.0	37.0	15.0	8.310
SO 11021-22	1030163	64	28x1.5	32	30	71.0	38.0	18.0	9.700
SO 11021-28	1010102	64	36x2.0	41	36	82.0	49.0	24.0	17.900
SO 11021-35	1024259	40	42x2.0	50	46	85.0	51.0	30.0	26.600

Gerade Verschraubung reduziert
Raccordo intermedio diritto ridotto
Straight reduction union



SO 11021 RED

Type -d-d2	Mat.-Nr.	bar	M1	M2	SW1	SW2	SW3	L	z	e	kg/100
SO 11021-12-10	1052350	100	16x1.0	14x1.0	19	17	17	49.0	26.0	8.0	2.500

Gerade Einschraubverschraubung

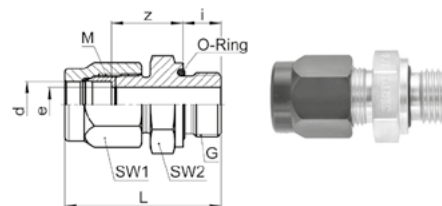
mit Conovor O-Ringabdichtung (FKM)

Raccordo diritto con filetto maschio

con O-ring Conovor (FKM)

Male adaptor union

with Conovor O-ring seal (FKM)

**SO 11124 OR**

Type -d-G	Mat.-Nr.	bar	M	SW1	SW2	L	D	i	t	O-Ring	z	e	kg/100
G=Rohrgewinde (zylindrisch)													
G=Filettatura BSP (cilindrica)													
G=BSP thread (parallel)													
SO 11124-8-1/8 OR	1007319	100	12x1.0	14	14	32.0	15.0	8.0	1.0	8.73x1.78	15.5	5.0	0.900
SO 11124-8-1/4 OR	1046361	100	12x1.0	14	19	35.5	19.0	10.0	1.5	11.1x1.78	17.0	6.0	1.310
SO 11124-10-1/4 OR	1043775	100	14x1.0	17	19	39.0	19.0	10.0	1.5	11.1x1.78	18.0	8.0	1.600
SO 11124-10-1/2 OR	1047381	100	14x1.0	17	27	43.5	27.0	12.0	2.5	18.72x2.62	21.0	8.0	3.000
SO 11124-10-1 OR	1051702	100	14x1.0	17	41	47.5	42.0	14.0	2.5	27.8x3.6	23.0	8.0	6.200
SO 11124-12-1/4 OR	1047382	100	16x1.0	19	19	40.0	19.0	10.0	1.5	11.1x1.78	18.0	8.0	1.900
SO 11124-12-3/8 OR	1046369	100	16x1.0	19	22	40.5	23.0	10.0	2.0	14.0x1.78	18.5	9.0	2.320
SO 11124-12-1/2 OR	1019616	100	16x1.0	19	27	45.0	27.0	12.0	2.5	18.72x2.62	21.0	9.0	3.200
SO 11124-15-1/2 OR	1019617	100	20x1.5	24	27	50.0	27.0	12.0	2.5	18.72x2.62	25.5	12.0	4.400
SO 11124-15-3/4 OR	1019618	100	20x1.5	24	32	51.0	33.0	12.0	2.5	23.47x2.62	26.5	12.0	6.000
SO 11124-18-1/2 OR	1047383	100	24x1.5	30	27	51.0	27.0	12.0	2.5	18.72x2.62	25.5	13.0	5.700
SO 11124-18-3/4 OR	1046370	100	24x1.5	30	32	54.0	33.0	12.0	2.5	23.47x2.62	28.5	15.0	7.380
SO 11124-22-3/4 OR	1046129	64	28x1.5	32	32	55.0	33.0	12.0	2.5	23.47x2.62	26.5	18.0	7.000
SO 11124-28-1 OR	1008415	64	36x2.0	41	41	63.0	42.0	14.0	2.5	27.8x3.6	32.5	24.0	12.450
SO 11124-35-1 1/4 OR	1024257	40	42x2.0	50	50	70.5	52.0	16.0	2.5	37.69x3.53	37.5	30.0	20.800

Gerade Einschraubverschraubung METR

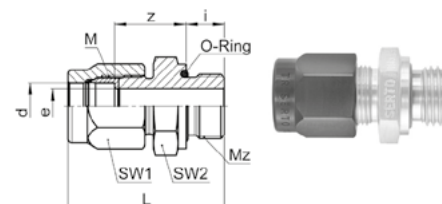
mit Conovor O-Ringabdichtung (FKM)

Raccordo diritto con filetto maschio METR

con O-ring Conovor (FKM)

Male adaptor union METR

with Conovor O-ring seal (FKM)

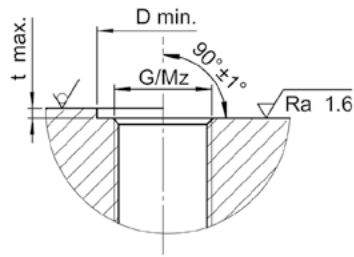
**SO 11124 OR METR**

Type -d-Mz	Mat.-Nr.	bar	M	SW1	SW2	L	D	i	t	O-Ring	z	e	kg/100
Mz=metrisches Gewinde (zylindrisch)													
Mz=Filettatura metrica (cilindrica)													
Mz=Metric thread (parallel)													
SO 11124-10-M14x1.5 OR	1052114	100	14x1.0	17	19	38.0	19.5	10.0	1.5	11.1x1.78	17.0	8.0	1.600
SO 11124-12-M12x1.5 OR	1000647	100	16x1.0	19	17	39.0	17.5	10.0	1.5	9.25x1.78	17.0	6.0	1.700
SO 11124-15-M18x1.5 OR	1003724	100	20x1.5	24	22	47.0	23.5	10.0	2.0	15.6x1.78	24.0	12.0	3.400

Fortsetzung nächste Seite

Vedi pagina seguente

Continued on next page

Einbauempfehlung:**Raccomandazione di montaggio:****Recommendation for installation:****Einsatzbereich: Temperatur zwischen -20 °C und +120 °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

Intervallo di utilizzo: Temperatura tra -20 °C e +120 °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

Range of use: Temperature between -20 °C and +120 °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

Einstellbare Einschraubverschraubung

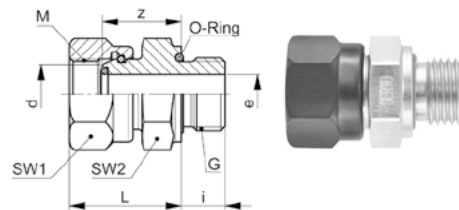
mit Conovor O-Ringabdichtung (FKM)

Raccordo filetto maschio orientabile

con O-ring Conovor (FKM)

Adjustable male adaptor union

with Conovor O-ring seal (FKM)



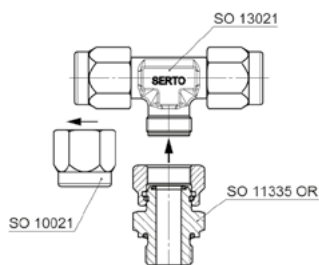
SO 11335 OR

Type -d-G	Mat.-Nr.	bar	M	SW1	SW2	L	D	i	t	O-Ring	z	e	kg/100
G=Rohrgewinde (zylindrisch)													
			G=Filettatura BSP (cilindrica)										
										G=BSP thread (parallel)			
SO 11335-8-1/4 OR	1009989	100	12x1.0	17	19	21.5	19.0	10.0	1.5	11.1x1.78	15.0	6.0	1.400
SO 11335-10-1/4 OR	1009986	100	14x1.0	19	19	24.5	19.0	10.0	1.5	11.1x1.78	17.0	8.0	1.500
SO 11335-12-3/8 OR	1011624	100	16x1.0	22	22	25.5	23.0	10.0	2.0	14.0x1.78	18.0	9.0	2.300
SO 11335-15-1/2 OR	1011623	100	20x1.5	27	27	31.5	27.0	12.0	2.5	17.12x2.62	22.0	12.0	4.100
SO 11335-18-3/4 OR	1011622	100	24x1.5	32	32	32.5	33.0	12.0	2.5	23.47x2.62	23.0	15.0	6.100
SO 11335-22-3/4 OR	1011621	64	28x1.5	36	32	32.5	33.0	12.0	2.5	23.47x2.62	23.0	18.0	6.100
SO 11335-35-1 1/4 OR	1019620	40	42x2.0	55	50	43.5	52.0	16.0	2.5	37.69x3.53	31.0	30.0	18.400

Anwendungsbeispiele:

Esempio di utilizzo:

Sample combinations:



Mit der einstellbaren Einschraubverschraubung lassen sich verschiedene Grundteile einfach verbinden. Kompakte Bauweise, schnelle Montage, einfache Fixierung der Komponenten in der gewünschten Stellung.

d = Kenngröße: entspricht dem Rohraussen- \varnothing des Armaturenanschlusses SO 10021, der gegen die einstellbare Einschraubverschraubung SO 11335 OR ausgetauscht werden kann.

Montagehinweis: Anschlussmutter mit 1/8 Umdrehung anziehen. Wir empfehlen eine zusätzliche Schmierung auf der Planfläche.

Con il raccordo filetto maschio orientabile è possibile collegare facilmente diversi componenti di base. Costruzione compatta, montaggio rapido, fissaggio facile dei componenti nella posizione desiderata.

d = la misura nominale corrisponde al dia. esterno del tubo del dado e anello di serraggio SO 10021, che può essere sostituito con il raccordo filetto maschio orientabile SO 11335 OR.

Nota per il montaggio: Stringere il dado di attacco con 1/8 di giro. Si consiglia una lubrificazione supplementare sulla superficie piana.

With the adjustable male adaptor union different basic components can easily be connected. Compact construction, quick assembly, and easy fixing of the components in the desired position.

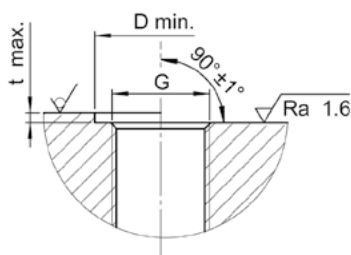
d = nominal size: corresponds to tube outside diameter of the nut connection SO 10021 which can be replaced by the adjustable male adaptor union SO 11335 OR.

Assembly information: Tighten the union nut with 1/8 turn. We recommend additional lubrication on the plane surface.

Einbauempfehlung:

Raccomandazione di montaggio:

Recommendation for installation:



d=Rohraussen- \varnothing
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 Verschraubung

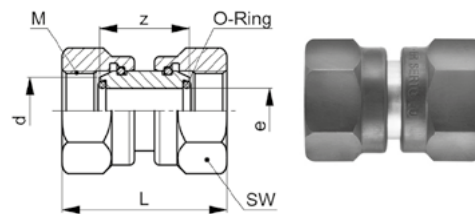
mit O-Ringabdichtung (FKM)

Raccordo orientabile

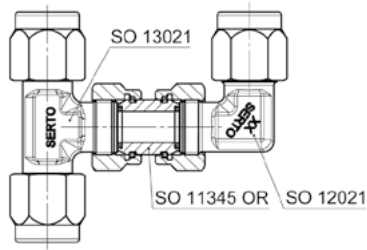
con O-ring (FKM)

Adjustable union

with O-ring seal (FKM)

SO 11345 OR

Type -d	Mat.-Nr.	bar	M	SW	L	O-Ring	z	e	kg/100
SO 11345-8 OR	1011628	100	12x1.0	17	29.0	6.0x1.0	16.0	6.0	1.200
SO 11345-10 OR	1011627	100	14x1.0	19	33.0	8.0x1.0	18.0	8.0	1.600
SO 11345-12 OR	1011632	100	16x1.0	22	33.0	9.0x1.5	18.0	9.0	2.200
SO 11345-15 OR	1011626	100	20x1.5	27	41.0	12.0x1.5	22.0	12.0	4.100
SO 11345-18 OR	1011625	100	24x1.5	32	41.0	15.0x2.0	22.0	15.0	5.600
SO 11345-22 OR	1011617	64	28x1.5	36	41.0	18.0x2.0	22.0	18.0	6.700

Anwendungsbeispiele:**Esempio di utilizzo:****Sample combinations:****Einsatzbereich: Temperatur zwischen -20 °C und +120 °C**

Mit der einstellbaren Verschraubung lassen sich verschiedene Grundteile einfach verbinden. Kompakte Bauweise, schnelle Montage, einfache Fixierung der Komponenten in der gewünschten Stellung.

Beachten Sie auch die Möglichkeiten mit SO 11335 OR.

d = Kenngröße: entspricht dem Rohraussen- \varnothing des Armaturenanschlusses SO 10021, der gegen die einstellbare Verschraubung SO 11345 OR ausgetauscht werden kann.

Montagehinweis: Beide Anschlussmutter mit 1/8 Umdrehung anziehen. Wir empfehlen eine zusätzliche Schmierung auf der Planfläche.

Intervallo di utilizzo: Temperatura tra -20 °C e +120 °C

Con il raccordo orientabile è possibile collegare facilmente diversi componenti di base. Costruzione compatta, montaggio rapido, fissaggio facile dei componenti nella posizione desiderata.

Tenere in considerazione anche le possibilità con SO 11335 OR.

d = la misura nominale corrisponde al dia. esterno del tubo del dado e anello di serraggio SO 10021, che può essere sostituito con il raccordo orientabile SO 11345 OR.

Nota per il montaggio: Stringere i due dadi di attacco con 1/8 di giro. Si consiglia una lubrificazione supplementare sulla superficie piana.

Range of use: Temperature between -20 °C and +120 °C

With the adjustable union different basic components can easily be connected. Compact construction, quick assembly, and easy fixing of the components in the desired position.

See SO 11335 OR for additional possibilities.

d = nominal size: corresponds to tube outside dia. of the nut connection SO 10021 which can be replaced by the adjustable union SO 11345 OR.

Assembly information: Tighten both union nuts with 1/8 turn. We recommend additional lubrication on the plane surface.

Gerade Schottverschraubung

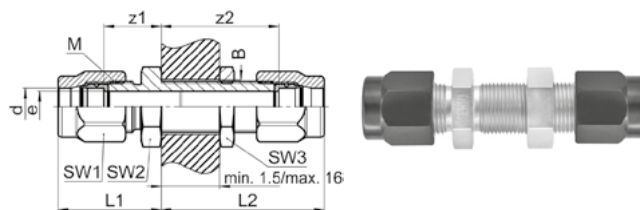
Durchführungslänge max. 16 mm

Raccordo diritto passa paratia

spessore max. paratia 16 mm

Panel mount union

max. panel thickness 16 mm

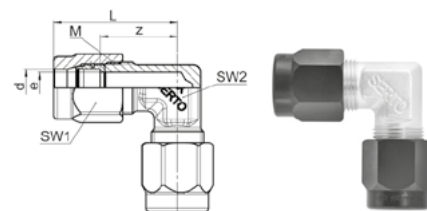
SO 11524

Type-d	Mat.-Nr.	bar	M	SW1	SW2	SW3	L1	L2	B	z1	z2	e	kg/100
SO 11524-10	1033623	100	14x1.0	17	19	19	26.0	43.5	14.5	15.5	33.0	8.0	2.900
SO 11524-12	1033621	100	16x1.0	19	22	22	28.0	46.0	16.5	16.0	34.0	9.0	4.300
SO 11524-18	1033617	100	24x1.5	30	30	30	37.0	56.0	24.5	23.5	42.5	15.0	12.400
SO 11524-22	1033619	64	28x1.5	32	36	36	41.0	61.0	28.5	24.5	44.5	18.0	15.800

Sechskantmutter siehe SO 10006 METR

Per il dado esagonale vedi SO 10006 METR

Hexagon nut see SO 10006 METR

Winkelverschraubung**Raccordo a gomito****Elbow union****SO 12021**

Type-d	Mat.-Nr.	bar	M	SW1	SW2	L	z	e	kg/100
SO 12021-10	1005369	100	14x1.0	17	14	31.0	20.5	8.0	2.400
SO 12021-12	1005368	100	16x1.0	19	17	33.5	21.5	9.0	3.200
SO 12021-15	1005367	100	20x1.5	24	19	41.0	28.5	12.0	6.000
SO 12021-18	1005373	100	24x1.5	30	22	44.0	30.5	15.0	9.500
SO 12021-22	1001272	64	28x1.5	32	27	48.0	31.5	18.0	10.900
SO 12021-28	1001279	64	36x2.0	41	32	56.5	40.0	24.0	20.100
SO 12021-35	1024260	40	42x2.0	50	41	62.0	45.0	30.0	31.600

d=Rohrussen- \varnothing
 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

Winkel-Schottverschraubung

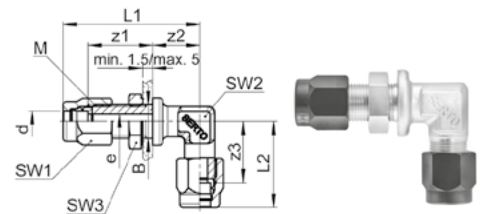
Durchführungslänge max. 5 mm

Raccordo a gomito passa paratia

spessore max. paratia 5 mm

Panel mount elbow union

max. panel thickness 5 mm

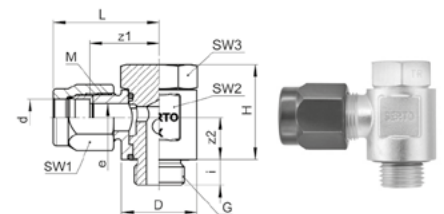
SO 12721

Type -d	Mat.-Nr.	bar	M	SW1	SW2	SW3	L1	L2	B	z1	z2	z3	e	kg/100
SO 12721-10	1047384	100	14x1.0	17	17	19	52.0	34.0	14.5	23.0	18.0	23.5	8.0	4.100

Sechskantmutter siehe SO 10006 METR

Per il dado esagonale, vedi SO 10006 METR

Hexagon nut see SO 10006 METR

Schwenkverschraubung**Raccordo girevole****Single banjo****SO 12824**

Type -d-G	Mat.-Nr.	bar	M	SW1	SW2	SW3	L	D	H	i	z1	z2	e	kg/100
SO 12824-8-1/8	1040292	100	12x1.0	14	14	13	26.0	15.0	20.5	6.5	17.5	9.0	5.5	1.400
SO 12824-10-1/4	1040294	100	14x1.0	17	19	17	32.0	20.0	28.0	8.5	21.0	12.5	6.5	2.900
SO 12824-12-3/8	1040296	100	16x1.0	19	24	22	35.0	25.0	31.5	8.5	23.0	14.0	8.5	4.800
SO 12824-15-1/2	1040297	100	20x1.5	24	30	27	42.0	30.0	38.0	10.0	29.5	17.0	12.0	8.400

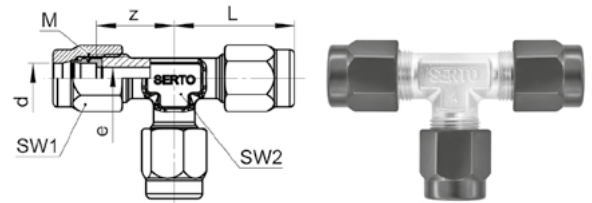
O-Ring: FKM

O-ring: FKM

O-Ring: FKM

T-Verschraubung Raccordo a T Tee union

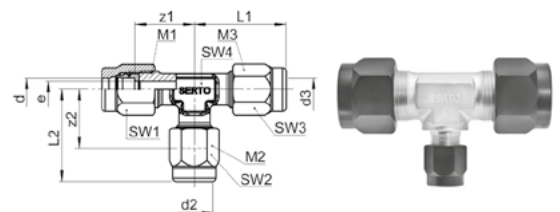
SO 13021



Type-d	Mat.-Nr.	bar	M	SW1	SW2	L	z	e	kg/100
SO 13021-10	1054439	100	14x1.0	17	14	31.0	20.5	8.0	3.400
SO 13021-12	1006854	100	16x1.0	19	17	33.5	21.5	9.0	4.500
SO 13021-15	1003725	100	20x1.5	24	19	39.0	26.0	12.0	8.100
SO 13021-18	1030164	100	24x1.5	30	22	44.0	30.5	15.0	13.300
SO 13021-22	1001280	64	28x1.5	32	27	48.0	31.5	18.0	15.800
SO 13021-28	1039973	64	36x2.0	41	32	56.5	40.0	24.0	28.400
SO 13021-35	1024258	40	42x2.0	50	41	62.0	45.0	30.0	43.300

T-Verschraubung reduziert Raccordo a T ridotto Tee reduction union

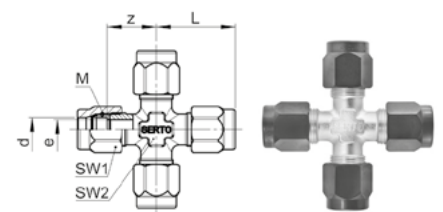
SO 13021 RED



Type-d-d2-d3	Mat.-Nr.	bar	M1	M2	M3	SW1	SW2	SW3	SW4	L1	L2	z1	z2	e	kg/100
SO 13021-18-10-18	1047385	100	24x1.5	14x1.0	24x1.5	30	17	30	22	43.0	36.5	29.5	28.0	8.0	10.700
SO 13021-18-12-18	1038970	100	24x1.5	16x1.0	24x1.5	30	19	30	22	43.0	38.0	29.5	28.0	9.0	10.900
SO 13021-22-12-22	1038971	64	28x1.5	16x1.0	28x1.5	32	19	32	27	48.0	40.0	31.5	30.0	9.0	13.300
SO 13021-22-18-22	1038972	64	28x1.5	24x1.5	28x1.5	32	30	32	27	48.0	45.0	31.5	33.5	15.0	15.600

Kreuzverschraubung Croce Cross union

SO 14021



Type-d	Mat.-Nr.	bar	M	SW1	SW2	L	z	e	kg/100
SO 14021-12	1000648	100	16x1.0	19	14	33.5	21.5	9.0	5.400

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L=dimensione raccordo montato

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

SERTO®



Svizzera

SERTO AG
CH-8500 Frauenfeld
Tel. +41 52 368 11 11
info-ch@serto.com

www.serto.com

Germania

SERTO GmbH
D-34123 Kassel
Tel. +49 561 580040
info-de@serto.com

Francia

SERTO S.A.R.L.
F-77164 Ferrières en Brie
Tel. +33 1 64 30 38 38
info-fr@serto.com

Italia

SERTO Italiana S.r.l.
I-24030 Brembate di Sopra (BG)
Tel. +39 035 333 000
info-it@serto.com

USA

SERTO US Inc.
West Valley City, UT 84128 / USA
Tel. +1 385 247 0200
info-us@serto.com