









































## Serie 57000

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**CARATTERISTICHE TECNICHE**  
 TECHNICAL CHARACTERISTICS  
 TECHNISCHE ANGABEN  
 CARACTÉRISTIQUES TECHNIQUES  
 CARACTERÍSTICAS TÉCNICAS  
 CARACTERÍSTICAS TÉCNICAS



**Norma di Riferimento**  
 Reference standard  
 Entspricht der Norm  
 Norme de référence  
 Normativa de referencia  
 Norma de referência

1907/2006

REACH ✓

2011/65/CE

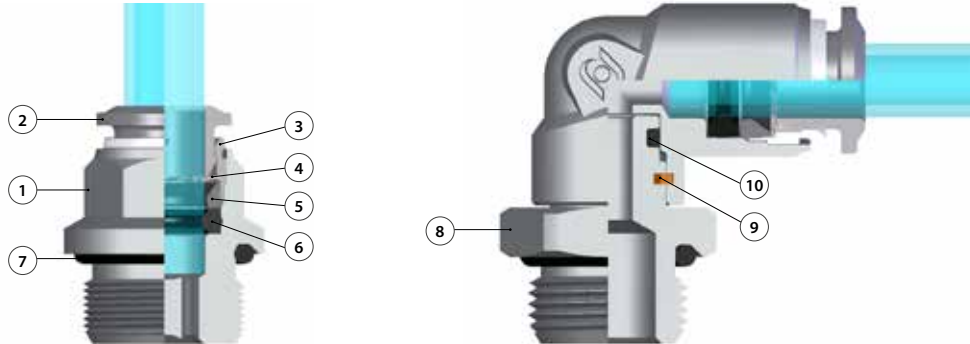
RoHS ✓

PED

2014/68/UE

ISO  
14743:2004

SILICON  
FREE



**Materiali e Componenti**

- 1 Corpo in ottone nichelato
- 2 Spintore sgancio tubo in Ottone nichelato
- 3 Capsula in ottone nichelato
- 4 Pinza d'aggraffaggio in acciaio inox AISI 301
- 5 Anello di posizionamento in tecnopolimero
- 6 Guarnizione sagomata in NBR (EPDM a richiesta)
- 7 Guarnizione filetto in NBR (EPDM a richiesta)
- 8 Basetta Filettata in Ottone Nichelato
- 9 Seeger
- 10 Guarnizione in NBR (EPDM a richiesta)

**Component Parts and Materials**

- 1 Nickel-plated brass Body
- 2 Nickel-plated brass Collet
- 3 Nickel-plated brass Capsule
- 4 Steel AISI 301 Clamping washer
- 5 Technopolymeric positioning ring
- 6 NBR Molded seal (if requested EPDM)
- 7 NBR Thread packing (if requested EPDM)
- 8 Base Threaded Nickel Plated Brass
- 9 Seeger
- 10 NBR seal (if requested EPDM)

**Komponenten und Materialien**

- 1 Körper Messing vernickelt
- 2 Rohr Lösering Messing vernickelt
- 3 Haltering Messing vernickelt
- 4 Zahnscheibe Edelstahl AISI 301
- 5 Positioniererring Technopolymer
- 6 Lippendichtung NBR (EPDM auf Anfrage)
- 7 Gewindeabdichtung NBR (EPDM auf Anfrage)
- 8 Gewindebasis Messing vernickelt
- 9 Seeger
- 10 Lippendichtung NBR (EPDM auf Anfrage)

**Matériaux et Composants**

- 1 Corps: Laiton nickelé
- 2 Pousoir: Laiton nickelé
- 3 Capsule de retenue: Laiton nickelé
- 4 Rondelle d'accrochage: AISI 301
- 5 Anneau de positionnement: Technopolymère
- 6 Joint à lèvres: NBR (EPDM sur demande)
- 7 Joint d'étanchéité du filetage: NBR (EPDM sur demande)
- 8 Bague de sécurité en laiton nickelé
- 9 Seeger
- 10 Joint en NBR (EPDM sur demande)

**Materiales y Componentes**

- 1 Cuerpo en latón niquelado
- 2 Anillo de extracción tubo en latón niquelado
- 3 Cápsula en latón niquelado
- 4 Pinza de agarre en acero inox AISI 301
- 5 Anillo de posicionamiento en tecnopolímero
- 6 Junta de forma en NBR (EPDM bajo pedido)
- 7 Junta rosca en NBR (EPDM bajo pedido)
- 8 Base rosca en latón niquelado
- 9 Seeger
- 10 Junta en NBR (EPDM bajo pedido)

**Materials e Componentes**

- 1 Corpo em latão niquelado
- 2 Anilha de liberação em latão niquelado
- 3 Cápsula de latão niquelado
- 4 Pinça de travamento em aço-inox AISI 301
- 5 Anel de posicionamento em tecnopolímero
- 6 Vedação em NBR (EPDM sob encomenda)
- 7 Vedação da rosca em NBR (EPDM sob encomenda)
- 8 Base rosca em latão niquelado
- 9 Seeger
- 10 Vedação em NBR (EPDM sob encomenda)



**Pressioni**

- Pressures
- Druckbereich
- Pressions
- Presiones
- Pressões

- 0.99 bar (-0.099 MPa)  
 20 bar (2.0 MPa)



**Fluidi compatibili**

Aria compressa / Vuoto / Acqua / Vapore (EPDM)

**Fluids**

Compressed air / Vacuum / Water / Steam (EPDM)

**Geeignete Medien**

Druckluft / Vakuum / Wasser / Dampf (EPDM)

**Fluides compatibles**

Air comprimé / Vide / Eau / Vapeur (EPDM)

**Fluidos compatibles**

Aire comprimido / Vacío / Agua / Vapor (EPDM)

**Fluidos compatíveis**

Ar comprimido / Vácuo / Água / Vapor (EPDM)



**Temperature**

Temperatures

Temperatur

Températures

Temperaturas

Temperaturas

- 20 °C

+ 80 °C

EPDM

- 40 °C

+ 130 °C



**Tubi di Collegamento**

Tubi in materiale plastico:  
 PA6, PA11, PA12, Polietilene, \*Poliuretano, PTFE, FEP.  
 \*Per tubi in Poliuretano è consigliata una durezza di 98 shore.

**Connection Tubes**

Plastic tubes:  
 PA6, PA11, PA12, Polyethylene, \*Polyurethane, PTFE, FEP.  
 \*For Polyurethane hoses it is required a minimum hardness of 98 shore.

**Geeignete Rohre**

Kunststoffrohre:  
 PA6, PA11, PA12, Polyethylene, \*Polyurethan, PTFE, FEP.  
 \*Für Polyurethan Rohre ist eine Härte von 98 Shore empfohlen.

**Tubes Conseillés**

Tubes plastiques:  
 PA6, PA11, PA12, Polyéthylène, \*Polyuréthane, PTFE, FEP.  
 \*Pour les tubes en polyuréthane, il est conseillé une dureté de 98 Shore.

**Tubos de Conexión**

Tubos en material plástico:  
 PA6, PA11, PA 12, Polietileno, \*Poliuretano, PTFE, FEP.  
 \*Para tubos en poliuretano es aconsejada una durezza de 98 shore.

**Tubos de Conexão**

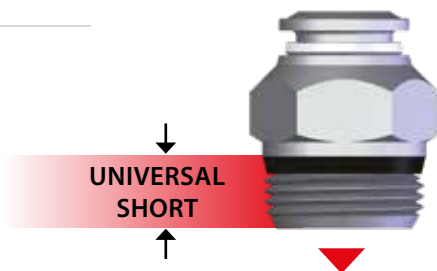
Tubos em material plástico:  
 PA6, PA11, PA12, Polietileno, \*Poliuretano, PTFE, FEP.  
 \*Para tubos em Poliuretano é requerida uma durezza de 98 shore.



<b>Filettatura</b> Gas conica "UNIVERSAL SHORT". Gas conica conforme ISO 7.1, BS 21, DIN 2999. Gas cilindrica conforme ISO 228 Classe A. Metrica conforme ISO R/262.	<b>IT</b>	<b>Threads</b> "UNIVERSAL SHORT" Tapered thread. Tapered gas in conformity with ISO 7.1, BS 21, DIN 2999. Parallel gas in conformity with ISO 228 Class A. Metric in conformity with ISO R/262.	<b>GB</b>	<b>Gewindearten</b> Konisches Gewinde "UNIVERSAL SHORT". Konisches Gewinde nach Norm ISO 7.1, BS 21, DIN 2999. Zylindrisches Gewinde nach Norm ISO 228 Classe A. Metrisches Gewinde nach Norm ISO R/262.	<b>DE</b>
<b>Filetages</b> Filetage conique "UNIVERSAL SHORT". Filetage conique conforme: ISO 7.1, BS 21, DIN 2999. Filetage cylindrique conforme: ISO 228 Class A. Filetage métrique conforme: ISO R/262.	<b>FR</b>	<b>Roscas</b> Gas cónica "UNIVERSAL SHORT". Gas cónica conforme ISO 7.1, BS 21, DIN 2999. Gas cilíndrica conforme ISO 228 Clase A. Métrica conforme ISO R/262.	<b>ES</b>	<b>Roscas</b> Gas cónica "UNIVERSAL SHORT". Gas cónica conforme ISO 7.1, BS 21, DIN 2999. Gas paralela conforme ISO 228 Classe A. Métrica conforme ISO R/262.	<b>PT</b>



**UNIVERSAL SHORT**



<p><b>NPT</b> <b>NPTF</b></p>	Conica Tapered Konisch Conique Cónica Cônica	<p><b>ISO 7</b> <b>BSPP</b></p>	Cilindrica Parallell Zylindrisch Cylindrique Cilíndrica Paralela	<p><b>ISO 7</b> <b>BSPT</b> <b>PT</b></p>	Conica Tapered Konisch Conique Cónica Cônica	<p><b>ISO 228</b> <b>BSP</b> <b>PF</b></p>	Cilindrica Parallell Zylindrisch Cylindrique Cilíndrica Paralela
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<b>"UNIVERSAL SHORT"</b> La filettatura conica "UNIVERSAL SHORT" è progettata per soddisfare le seguenti caratteristiche: <ul style="list-style-type: none"> <li>• ridurre la lunghezza d'ingombro;</li> <li>• ridurre la chiave rispetto ad alcuni raccordi con filettature cilindriche;</li> <li>• consentire l'accoppiamento con diversi standard di filettature femmina sia coniche che cilindriche.</li> </ul>	<b>IT</b>	<b>"UNIVERSAL SHORT"</b> The "UNIVERSAL SHORT" taper thread has been designed to offer the following advantages to the users: <ul style="list-style-type: none"> <li>• reduced overall length;</li> <li>• smaller hex dimensions compared to the parallel threads;</li> <li>• to allow the assembly with different female threads both taper as well as parallel.</li> </ul>	<b>GB</b>	<b>"UNIVERSAL SHORT"</b> Das konische Gewinde "UNIVERSAL SHORT" ist so konzipiert, dass folgende Vorteile erzielt werden: <ul style="list-style-type: none"> <li>• Reduzierung der Länge des Gewindes - kürzere Montagezeit;</li> <li>• Reduzierung der Schlüsselweite im Vergleich von Verschraubungen mit zylindrischen Gewinden - geringerer Lochabstand;</li> <li>• Ermöglicht den Einsatz in verschiedene Gewindearten, sowie in konische- und zylindrische Innengewinde.</li> </ul>	<b>DE</b>
<b>"UNIVERSAL SHORT"</b> Le filetage conique "UNIVERSAL SHORT" a été conçu pour satisfaire les exigences suivantes: <ul style="list-style-type: none"> <li>• réduire la longueur d'encombrement;</li> <li>• réduire les dimensions hexagonales par rapport au filetage cylindrique;</li> <li>• permettre le montage avec divers taraudages standards soit coniques soit cylindriques.</li> </ul>	<b>FR</b>	<b>"UNIVERSAL SHORT"</b> La rosca cónica "UNIVERSAL SHORT" ha sido proyectada para satisfacer las siguientes características: <ul style="list-style-type: none"> <li>• reducir la longitud;</li> <li>• reducir la llave respecto a algunos racores con rosca cilíndrica;</li> <li>• permitir el acoplamiento con diferentes standard de rosca hembra sean cónicas o cilíndricas.</li> </ul>	<b>ES</b>	<b>"UNIVERSAL SHORT"</b> A rosca cónica "UNIVERSAL SHORT" é projetada para satisfazer às seguintes características: <ul style="list-style-type: none"> <li>• reduzir o comprimento da conexão;</li> <li>• reduzir o dimensional com relação às rosca paralelas;</li> <li>• permitir o acoplamento da conexão a diferentes tipos de rosca fêmea, sejam elas cónicas ou paralelas.</li> </ul>	<b>PT</b>



Consentire una completa tenuta anche su superfici non perfettamente piane, concave, convesse o inclinate, con diversi smussi o raggi.	<b>IT</b>	To ensure the right tightening also with surfaces not perfectly flat, without spot-facing, concave convex and with different kinds of chamfers or radius.	<b>GB</b>	Eine vollständige Abdichtung ist auch auf unebenen Flächen, wie geneigt, konkav oder konvex und mit unterschiedlichen Radien oder Fasen gewährleistet.	<b>DE</b>
Pour permettre une parfaite étanchéité même sur des surfaces non planes, concaves, convexas ou inclinées et avec différents chanfreins ou rayons.	<b>FR</b>	Consentir una completa estanqueidad incluso en superficies no perfectamente planas, cóncavas, convexas o inclinadas, con diferentes ángulos o radios.	<b>ES</b>	Permite um aperto correto em superfícies não perfeitamente planas, côncavas, convexas ou inclinadas, com diferentes chanfros ou raios.	<b>PT</b>



## Coppia di serraggio

Torque specifications

Angaben Drehmoment

Couple de serrage

Par de apriete

Especificações de Torque



ISO 228

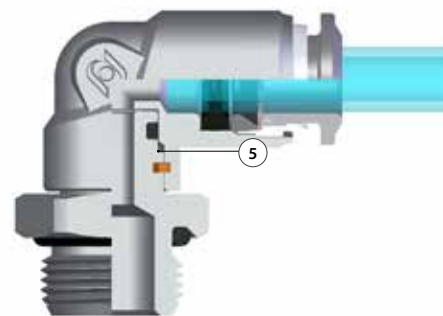
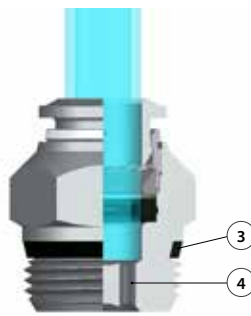
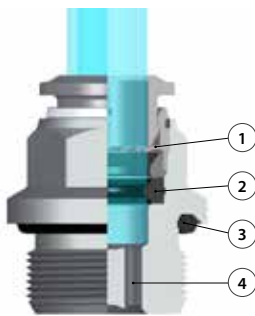


"UNIVERSAL SHORT"

I valori di rottura possono variare in base all'articolo  
*Breaking values may vary according to the item*  
 Die maximal werte dienen nur zu Informationszwecken  
 Les valeurs maximales sont présentées à titre indicatif  
 Los valores de rotura pueden variar en función del artículo  
 Los valores de força pode variar em função artigo

MISURA MEASURE GRÖSSE DIMENSIONS MEDIDA MEDIDA	COPPIA CONSIGLIATA Nm RECOMMENDED TORQUE Nm EMPFOHLENES DREHMOMENT Nm COUPLE DE SERRAGE Nm PAR ACONSEJADO Nm TORQUE RECOMENDADO Nm	COPPIA DI ROTTURA Nm BREAKING TORQUE Nm ABSCHERDREHMOMENT Nm COUPLE DE RUPTURE Nm PAR DE ROTURA Nm BINÁRIO ROMPER Nm
M5	0,8	3,2
M8	3	8
1/8	3	8
1/4	9	30
3/8	10	60
1/2	12	50

MISURA MEASURE GRÖSSE DIMENSIONS MEDIDA MEDIDA	COPPIA MINIMA CONSIGLIATA Nm RECOMMENDED MINIMUM TORQUE Nm EMPFOHLENES DREHMOMENT Nm COUPLE DE SERRAGE Nm PAR MÍNIMO ACONSEJADO Nm TORQUE MÍNIMO RECOMENDADO Nm	COPPIA MASSIMA CONSIGLIATA Nm RECOMMENDED MAX TORQUE Nm ABSCHERDREHMOMENT Nm COUPLE DE RUPTURE Nm PAR MÁXIMO ACONSEJADO Nm TORQUE MÁXIMA RECOMENDADO Nm
1/8	5	7
1/4	5	7
3/8	5	7
1/2	5	7



## Vantaggi

IT

- 1 La pinza in acciaio inox garantisce il perfetto aggiraffaggio di tubi di qualsiasi materiale senza danneggiarne la superficie. Il collegamento tra tubo e raccordo assicura una tenuta totale anche in condizioni di urti e vibrazioni.
- 2 La particolare geometria della guarnizione permette inoltre l'utilizzo dei raccordi anche con il vuoto.
- 3 Tutte le filettature di questa serie sono state dotate di elementi di tenuta che permettono l'immediato utilizzo dei raccordi riducendo notevolmente i tempi di installazione.
- 4 Tutti i raccordi diritti possono essere montati anche con chiave esagonale ed è possibile utilizzarli anche in spazi molto ridotti.
- 5 Raccordo orientabile con anello di sicurezza interno. Garantisce maggiore durata alla rotazione e trazione.

## Advantages

GB

- 1 The washer is made in stainless steel ensures the perfect tube clamping with every kinds of materials without damage the surface. The connection between the tube and the fitting ensure a total tightness even in severe conditions such as impact and vibrations.
- 2 The particular geometric shape of the seal ensure the perfect tightness even with vacuum.
- 3 All of threads from this range have been equipped with tightening parts which allow the direct assembly of the fittings, reducing the installation time.
- 4 All the straight fittings can be assembled also with Allen wrench and it is possible to use them in reduced spaces.
- 5 Orienting fitting with safety ring inside. Improved durability to the rotation and traction.

## Vorteile

DE

- 1 Konisches Gewinde "kurz" Die Zahnscheibe sorgt für eine perfekte Halterung des Rohres ohne die Oberfläche zu beschädigen. Die Dichtigkeit zwischen Rohr und Verschraubung ist auch bei Erschütterungen und Vibrationen gewährleistet.
- 2 Die besondere Geometrie der Dichtung ermöglicht auch die Anwendung der Verschraubungen in Verbindung mit Vakuum.
- 3 Alle Verschraubungen in dieser Serie sind mit Gewindeabdichtungen ausgestattet, die den sofortigen Einsatz ermöglichen und daher die Montagezeit stark reduzieren.
- 4 Alle geraden Verschraubungen können auch mit Inbusschlüsseln montiert werden, daher kleiner Lochabstand möglich.
- 5 Flexible Montage mit Sicherungsring innen. Verbesserte Beständigkeit gegenüber der Drehung und Traktions.

## Avantages

FR

- 1 La rondelle en acier inoxydable garantit la parfaite tenue du tube quelle que soit la matière et sans l'endommager. La connexion entre le tube et le raccord assure une étanchéité totale même dans des conditions d'impact ou de vibrations.
- 2 La spécificité géométrique du joint permet l'utilisation des raccords avec le vide.
- 3 Tous les filetages de cette série sont équipés d'éléments d'étanchéité qui permettent l'utilisation immédiate des raccords réduisant ainsi le temps d'installation.
- 4 Tous les raccords droits peuvent être aussi montés avec une clé hexagonale pour permettre une utilisation dans des espaces réduits.
- 5 Accessoire de fixation réglable avec anneau de sécurité à l'intérieur. Amélioration de la durée de la rotation et de traction.

## Ventajas

ES

- 1 La pinza en acero inoxidable garantiza el perfecto agarre del tubo de cualquier material sin perjudicar la superficie. La conexión entre tubo y racor asegura una estanqueidad total aun en condiciones de impacto o vibración.
- 2 La particular geometría de la junta garantiza una perfecta estanqueidad incluso en vacío.
- 3 Todas las rosas de esta serie están fabricadas con junta de cierre que permite la inmediata utilización del racor reduciendo notablemente el tiempo de instalación.
- 4 Todos los racores rectos pueden montarse también con llave hexagonal y es posible utilizarlos incluso en espacios muy reducidos.
- 5 Montaje ajustable con sistema de seguridad interior. La mejora de la durabilidad a la rotación y tracción.

## Vantagens

PT

- 1 A pinça em aço-inox garante o perfeito travamento do tubo de qualquer material sem danificar a superfície do mesmo. A conexão entre o tubo e a conexão assegura uma vedação total também em condições de impactos e vibrações.
- 2 A geometria particular da vedação permite a utilização da conexão também para aplicações com vácuo.
- 3 Todas as rosas desta série são dotadas de elementos de vedação, o que permite a imediata utilização das conexões, reduzindo notavelmente o tempo de instalação.
- 4 Todas as conexões retas podem ser montadas também com chave allenando possível montagem das mesmas em espaços bem reduzidos.
- 5 Montagem ajustável com anel de segurança dentro. A durabilidade melhorada para a rotação e tração.

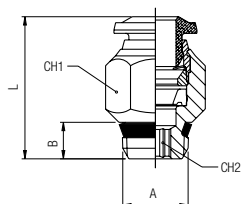


Articoli in comune con serie 89000 per tubi pollici - Items in common with series 89000 for inch tubes  
 Gleicher Artikel wie in Serie 89000 für Zoll Rohre - Article identique avec la série 89000 pour tube en pouce  
 Artículos en común con la serie 89000 para tubos en pulgadas - Código em comum com a série 89000 para tubos em polegada

## 57000

### RACCORDO DIRITTO MASCHIO "UNIVERSAL SHORT"

STRAIGHT MALE ADAPTOR "UNIVERSAL SHORT"  
 GERADE EINSCHRAUBVERSCHRAUBUNG KONISCH "UNIVERSAL SHORT"  
 RACCORD DROIT MÂLE, CONIQUE "UNIVERSAL SHORT"  
 RACOR RECTO MACHO CÓNICO "UNIVERSAL SHORT"  
 CONEXÃO RETA COM ROSCA "UNIVERSAL SHORT"

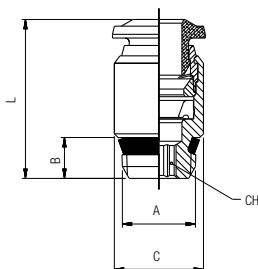


Code	Tube	A	B	L	CH1	CH2	Pack.
* 89000 00 003	4 (5/32)	1/8	5.5	18	11	3	10
* 89000 00 004	4 (5/32)	1/4	7	19	14	3	10
57000 00 011	5	1/8	5.5	20	11	4	10
57000 00 002	6	1/8	5.5	21.5	13	4	10
57000 00 003	6	1/4	7	21	14	4	10
57000 00 014	6	3/8	7.5	23	17	4	10
57000 00 015	6	1/2	9	23.5	21	4	10
* 89000 00 008	8 (5/16)	1/8	5.5	24.5	14	5	10
* 89000 00 009	8 (5/16)	1/4	7	22	14	6	10
* 89000 00 010	8 (5/16)	3/8	7.5	23	17	6	10
* 89000 00 022	8 (5/16)	1/2	9	23.5	21	6	10
57000 00 007	10	1/4	7	28	17	7	10
57000 00 008	10	3/8	7.5	25.5	17	8	10
57000 00 017	10	1/2	9	26	21	8	10
57000 00 009	12	1/4	7	31.5	20	7	10
57000 00 010	12	3/8	7.5	29.5	20	9	10
57000 00 018	12	1/2	9	31.5	21	10	10
57000 00 019	14	3/8	7.5	32.5	21	9	10
57000 00 020	14	1/2	9	31.5	21	10	10

## 57010

### RACCORDO DIRITTO MASCHIO ESAGONO INCASSATO

STRAIGHT MALE ADAPTOR WITH EXAGON EMBEDDED  
 GERADE EINSCHRAUBVERSCHRAUBUNG MIT INNENSECHSKANT  
 RACCORD DROIT MÂLE, CONIQUE, 6-PANS INTERIEUR  
 RACOR RECTO MACHO CÓNICO HEXÁGONO INTERIOR  
 CONEXÃO RETA COM SEXTAVADO INTERNO

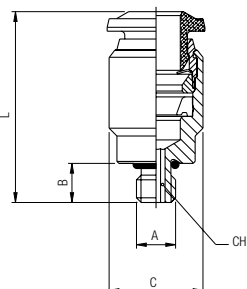


Code	Tube	A	B	C	L	CH	Pack.
* 89010 00 001	4 (5/32)	1/8	7.5	11	19	3	10
57010 00 003	6	1/8	7.5	12	22.5	4	10
57010 00 004	6	1/4	11	14	24.5	4	10
* 89010 00 002	8 (5/16)	1/8	7.5	14	25.5	5	10
* 89010 00 003	8 (5/16)	1/4	11	14	25	6	10

## 57010

### RACCORDO DIRITTO MASCHIO CILINDRICO ESAGONO INCASSATO

STRAIGHT MALE ADAPTOR (PARALLEL) WITH EXAGON EMBEDDED  
 GERADE EINSCHRAUBVERSCHRAUBUNG MIT INNENSECHSKANT ZYLINDRISCH  
 RACCORD DROIT MÂLE, CYLINDRIQUE, 6-PANS INTERIEUR  
 RACOR RECTO MACHO CILÍNDRICO CON TÓRICA HEXÁGONO INTERIOR  
 CONEXÃO RETA COM SEXTAVADO INTERNO E ROSCA MÉTRICA



Code	Tube	A	B	C	L	CH	Pack.
57010 00 001	4	M5	4	10	21	2.5	10
57010 00 009	4	M7x1	5	10	21	2.5	10
57010 00 007	6	M5	4	12	24.5	2.5	10

## 57020

**New**
**RACCORDO DIRITTO MASCHIO CILINDRICO**

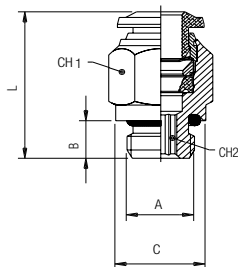
STRAIGHT MALE ADAPTOR (PARALLEL)

GERADE EINSCHRAUBVERSCHRAUBUNG ZYLINDRISCH

RACCORD DROIT MÂLE, CYLINDRIQUE

RACOR RECTO MACHO CILÍNDRICO CON TÓRICA

CONEXÃO RETA COM ROSCA PARALELA



Code	Tube	A	B	C	L	CH1	CH2	Pack.
57020 00 001	4	M5	4	8	21	10	2	10
57020 00 002	4	1/8	6	13	20	10	3	10
57020 00 022	4	1/4	8	16	19.5	16	3	10
57020 00 041	4	3/8	8	20	18	20	3	10
57020 00 018	5	M5	4	8	23.5	12	2	10
57020 00 019	5	1/8	6	13	22	12	4	10
57020 00 020	6	M5	4	10	24.5	13	2	10
57020 00 003	6	1/8	6	13	23.5	13	4	10
57020 00 004	6	1/4	8	16	23.5	13	4	10
57020 00 027	6	3/8	9	20	25	13	4	10
57020 00 028	6	1/2	10	25	27	13	4	10
57020 00 005	8	1/8	6	13	25	14	5	10
57020 00 006	8	1/4	8	16	23	14	6	10
57020 00 007	8	3/8	9	20	24	14	6	10
57020 00 029	8	1/2	10	25	26.5	14	6	10
57020 00 008	10	1/4	8	16	30.5	17	6	10
57020 00 009	10	3/8	9	20	27.5	17	8	10
57020 00 031	10	1/2	10	25	27	17	8	10
57020 00 032	12	1/4	8	16	34.5	20	6	10
57020 00 011	12	3/8	9	20	34	20	8	10
57020 00 023	12	1/2	10	25	31	22	10	10
57020 00 024	14	3/8	9	20	35	21	10	10
57020 00 025	14	1/2	10	25	32	22	11	10
57020 00 037	6	M8x1	5.4	12	24.5	13	3	10
57020 00 038	6	M10x1	5.4	13	23	13	4	10
57020 00 012	6	M12x1	8	15	23.5	13	4	10
57020 00 013	6	M12x1.25	8	15	23.5	13	4	10
57020 00 014	6	M12x1.5	8	15	23.5	13	4	10
57020 00 039	8	M8x1	5.4	12	25.5	14	4	10
57020 00 040	8	M10x1	5.4	13	25.5	14	4	10
57020 00 017	8	M12x1.5	8	15	27.5	14	6	10

## 57030

**RACCORDO DIRITTO FEMMINA**

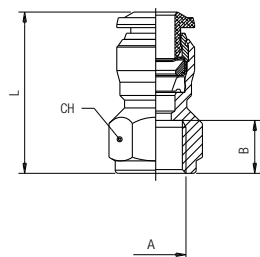
STRAIGHT FEMALE ADAPTOR

AUFSCHRAUBVERSCHRAUBUNG

RACCORD DROIT, TARAUDE

RACOR RECTO HEMBRA

CONEXÃO RETA COM ROSCA FÊMEA



Code	Tube	A	B	L	CH	Pack.
57030 00 008	4	M5	5.5	21	11	10
57030 00 001	4	1/8	8.5	24	13	10
57030 00 009	4	1/4	11	27.5	16	10
57030 00 006	5	1/8	8.5	26.5	13	10
57030 00 002	6	1/8	8.5	26	13	10
57030 00 003	6	1/4	11	29.5	16	10
57030 00 004	8	1/8	8.5	27	15	10
57030 00 005	8	1/4	11	29.5	17	10
57030 00 010	8	3/8	12	32	19	10
57030 00 011	10	1/4	11	32	18	10
57030 00 012	10	3/8	12	33.5	19	10
57030 00 013	10	1/2	15	39	24	10
57030 00 014	12	3/8	12	36	21	10
57030 00 015	12	1/2	15	41	24	10

## 57040

**RACCORDO DIRITTO INTERMEDIO**

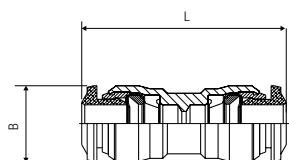
STRAIGHT CONNECTOR

VERBINDUNGSVERSCHRAUBUNG

RACCORD UNION DOUBLE

RACOR RECTO INTERMEDIO

CONEXÃO RETA TUBO-TUBO



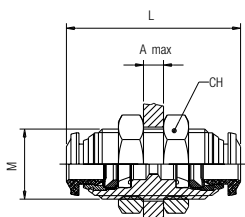
Code	Tube	Tube	L	B	Pack.
* 57040 00 001	4 (5/32)		30.5	10.5	10
57040 00 008	5		33	11.5	10
57040 00 002	6	4	32	12.5	10
57040 00 003	6		34	12.5	10
57040 00 004	8	6	35	14.5	10
* 57040 00 005	8 (5/16)		36	14.5	10
57040 00 011	10	8	40.5	17.5	10
57040 00 006	10		42	17.5	10
57040 00 012	12	10	45.5	20.5	10
57040 00 007	12		47	20.5	10
57040 00 010	14		49	21.5	10

**57050**

**New**

**RACCORDO DIRITTO INTERMEDIO DI ATTRAVERSAMENTO**

BULKHEAD CONNECTOR  
SCHOTTVERSCHRAUBUNG  
RACCORD TRAVERSÉE DE CLOISON  
RACOR RECTO INTERMEDIO PASATABIQUES  
CONEXÃO PASSA-MURO RETA TUBO-TUBO



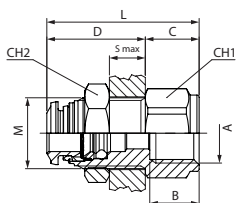
Code	Tube	M	L	CH	A max	Pack.
* 57050 00 001	4 (5/32)	M12x1	31.5	17	7	10
57050 00 006	5	M14x1	33	17	7	10
57050 00 002	6	M14x1	35	17	9.5	10
57050 00 009	8-6	M16x1	37	19	10.5	10
* 57050 00 003	8 (5/16)	M16x1	37	19	10.5	10
57050 00 010	10-6	M20x1	43	24	11.5	10
57050 00 011	10-8	M20x1	43	24	12.5	10
57050 00 004	10	M20x1	43	24	12.5	10
57050 00 005	12	M22x1	48	26	16.5	10

**57055**

**New**

**RACCORDO DIRITTO DI ATTRAVERSAMENTO FEMMINA**

FEMALE BULKHEAD CONNECTOR  
SCHOTTVERSCHRAUBUNG INNENGEWINDE  
TRAVERSÉE DE CLOISON FEMELLE  
RACOR RECTO INTERMEDIO PASATABIQUES HEMBRA  
CONEXAO PASSA-MURO RETA FEMEA



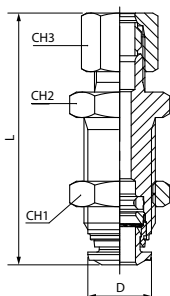
Code	Tube	A	B	M	S max	CH1	CH2	C	D	L	Pack.
57055 00 001	4	1/8	8.5	M12X1	7	15	17	10	19	29	10
57055 00 002	6	1/8	8.5	M14X1	8	16	17	10	21	31	10
57055 00 003	6	1/4	11	M14X1	8	16	17	12	21	33	10
57055 00 004	8	1/8	8.5	M16X1	8	18	19	10	22	32	10
57055 00 005	8	1/4	11	M16X1	8	18	19	12	22	34	10
57055 00 006	10	3/8	12	M20X1	9.5	24	24	14	25.5	39.5	10
57055 00 007	12	3/8	12	M22X1	10.5	24	26	15	27.5	42.5	10
57055 00 008	12	1/2	15	M22X1	10.5	24	26	17	27.5	44.5	10

**57465**

**New**

**ADATTATORE DIRITTO INTERMEDIO DI ATTRAVERSAMENTO**

BULKHEAD CONNECTOR  
SCHOTTVERSCHRAUBUNG  
ADAPTEUR DROIT TRAVERSEE DE CLOISON  
RACOR RECTO INTERMEDIO PASATABIQUES  
CONEXAO PASSA-MURO RETA TUBO-TUBO

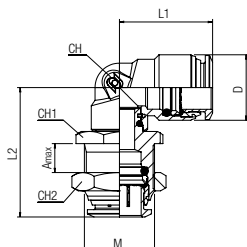


Code	Tube	L	D	CH1	CH2	CH3	Pack.
57465 00 002	6	49.5	12.5	13	17	17	10
57465 00 003	8	52	14	14	19	19	10
57465 00 004	10	59	17	19	24	24	10

**57060**

**RACCORDO A L ORIENTABILE INTERMEDIO DI ATTRAVERSAMENTO**

BULKHEAD ORIENTING ELBOW  
WINKEL-SCHOTTVERSCHRAUBUNG (DREHBAR)  
RACCORD EQUERRE ORIENTABLE A TRAVERSEE DE CLOISON  
RACOR A L ORIENTABLE INTERMEDIO PASATABIQUES  
CONEXÃO PASSA-MURO EM "L" ORIENTÁVEL



Code	Tube	M	L1	L2	CH	CH1	CH2	Amax	D	Pack.
* 57060 00 003	4 (5/32)	M12x1	17,5	26	9	14	17	6	10	10
57060 00 004	6	M14x1	21,5	31	11	16	17	6,5	12,5	10
* 57060 00 005	8 (5/16)	M16x1	22	34	12	18	19	6,5	14,5	10
57060 00 006	10	M20x1	26,5	36	14	22	24	7,5	17,5	10
57060 00 007	12	M22x1	30,5	43	16	24	26	9	21,5	10
57060 00 008	14	M23x1	30,5	43	16	25	27	9,5	21,5	10

## 57100

### RACCORDO A L MASCHIO CONICO

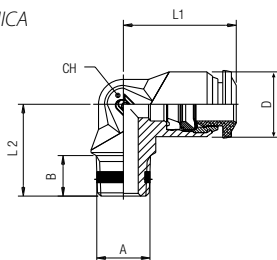
ELBOW MALE ADAPTOR (TAPER)

WINKELVERSCHRAUBUNG KONISCH (NICHT DREHBAR)

EQUERRE NON ORIENTABLE MÂLE, CONIQUE (COURT)

RACOR A L MACHO CÔNICO

CONEXÃO MACHO EM "L" COM ROSCA CÔNICA



Code	Tube	A	B	L1	L2	CH	D	Pack.
57100 00 001	4	M5	5	17	15	9	10	10
57100 00 002	4	1/8	7.5	17	15.5	9	10	10
57100 00 010	5	M5	5	20	17	11	12.5	10
57100 00 011	5	1/8	7.5	20	17.5	11	12.5	10
57100 00 003	6	1/8	7.5	21	17.5	11	12.5	10
57100 00 012	6	1/4	11	21	21.5	11	12.5	10
57100 00 004	8	1/8	7.5	22.5	19	13	14	10
57100 00 005	8	1/4	11	22.5	21.5	13	14	10
57100 00 006	10	1/4	11	26.5	24.5	16	17	10
57100 00 007	10	3/8	11.5	26.5	24	16	17	10
57100 00 008	12	1/4	11	30.5	28	19	21.5	10
57100 00 009	12	3/8	11.5	30.5	28	19	21.5	10

## 57106

### RACCORDO A L ORIENTABILE FEMMINA

ORIENTING ELBOW FEMALE ADAPTOR

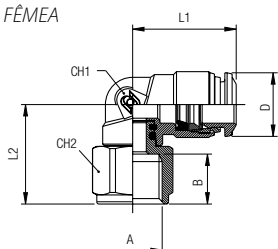
AUFSCHRAUB-WINKELSCHRAUBUNG (DREHBAR)

EQUERRE ORIENTABLE, FEMELLE

RACOR A L ORIENTABLE HEMBRA

CONEXÃO EM "L" ORIENTÁVEL COM ROSCA FÊMEA

New



Code	Tube	A	B	L1	L2	CH1	CH2	D	Pack.
57106 00 001	4	1/8	8.5	18	20	9	13	10	10
57106 00 002	4	1/4	11	18	21.5	9	16	10	10
57106 00 003	6	1/8	8.5	21	20.5	11	13	12.5	10
57106 00 004	6	1/4	11	21	23	11	16	12.5	10
57106 00 005	8	1/8	8.5	22.5	20.5	12	13	14.5	10
57106 00 006	8	1/4	11	22.5	23	12	16	14.5	10
57106 00 009	10	1/4	11	26.5	25	14	19	17	10
57106 00 010	10	3/8	12	26.5	28	14	19	17	10
57106 00 011	12	1/2	15	31.5	34.5	16	24	20	10

## 57111

### RACCORDO A L ORIENTABILE MASCHIO "UNIVERSAL SHORT"

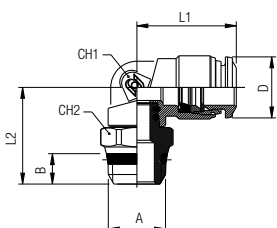
ORIENTING ELBOW MALE ADAPTOR "UNIVERSAL SHORT"

WINKELVERSCHRAUBUNG KONISCH (DREHBAR) "UNIVERSAL SHORT"

EQUERRE ORIENTABLE MÂLE, CONIQUE "UNIVERSAL SHORT"

RACOR A L ORIENTABLE MACHO "UNIVERSAL SHORT"

CONEXÃO MACHO EM "L" ORIENTÁVEL COM ROSCA "UNIVERSAL SHORT"



Code	Tube	A	B	L1	L2	CH1	CH2	D	Pack.
* 89111 00 003	4 (5/32)	1/8	5.5	18	19.5	9	13	10	10
* 89111 00 004	4 (5/32)	1/4	7	18	21	9	15	10	10
57111 00 004	6	1/8	5.5	21	21.5	11	13	12.5	10
57111 00 005	6	1/4	7	21	23	11	15	12.5	10
* 89111 00 008	8 (5/16)	1/8	5.5	22.5	22.5	12	13	14.5	10
* 89111 00 009	8 (5/16)	1/4	7	22.5	22.5	12	15	14.5	10
* 89111 00 010	8 (5/16)	3/8	7.5	22.5	23	12	17	14.5	10
* 89111 00 018	8 (5/16)	1/2	9	22.5	25.5	12	21	14.5	10
57111 00 010	10	1/4	7	26.5	26.5	14	16	17.5	10
57111 00 011	10	3/8	7.5	26.5	24.5	14	17	17.5	10
57111 00 012	10	1/2	9	26.5	27	14	21	17.5	10
57111 00 013	12	3/8	7.5	31.5	26.5	16	20	21.5	10
57111 00 014	12	1/2	9	31.5	29	16	21	21.5	10
57111 00 015	14	3/8	7.5	31.5	27	16	20	21.5	10
57111 00 016	14	1/2	9	31.5	29.5	16	21	21.5	10



## 57116

New

### RACCORDO A L ORIENTABILE MASCHIO CILINDRICO

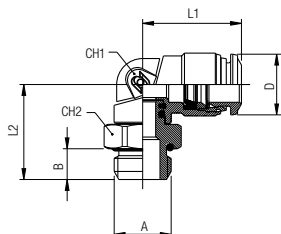
ORIENTING ELBOW MALE ADAPTOR (PARALLEL)

WINKELVERSCHRAUBUNG ZYLINDRISCH (DREHBAR)

EQUERRE ORIENTABLE MÂLE, CYLINDRIQUE

RACOR A L ORIENTABLE MACHO CILÍNDRICO CON TÓRICA

CONEXÃO MACHO EM "L" ORIENTÁVEL COM ROSCA PARALELA



Code	Tube	A	B	L1	L2	CH1	CH2	D	Pack.
57116 00 002	4	M5	3.5	18	17.5	9	8	10	10
57116 00 003	4	1/8	5.5	18	18	9	13	10	10
57116 00 004	4	1/4	7	18	18	9	16	10	10
57116 00 005	5	M5	3.5	20	20	11	11	12.5	10
57116 00 006	5	1/8	5.5	20	20	11	13	12.5	10
57116 00 007	6	M5	3.5	21	20	11	11	12.5	10
57116 00 008	6	1/8	5.5	21	20	11	13	12.5	10
57116 00 009	6	1/4	7	21	21.5	11	16	12.5	10
57116 00 030	6	3/8	7	21	21.5	11	16	12.5	10
57116 00 010	8	1/8	5.5	22.5	21	12	13	14.5	10
57116 00 011	8	1/4	7	22.5	21.5	12	16	14.5	10
57116 00 012	8	3/8	8	22.5	23.5	12	20	14.5	10
57116 00 013	8	1/2	9.5	22.5	25	12	25	14.5	10
57116 00 014	10	1/4	7	26.5	25.5	14	16	17.5	10
57116 00 015	10	3/8	8	26.5	25	14	20	17.5	10
57116 00 016	10	1/2	9.5	26.5	26.5	14	25	17.5	10
57116 00 025	12	1/4	8	31.5	27.5	16	20	21.5	10
57116 00 017	12	3/8	8	31.5	27	16	20	21.5	10
57116 00 018	12	1/2	9.5	31.5	28.5	16	25	21.5	10
57116 00 019	14	3/8	8	31.5	27.5	16	20	21.5	10
57116 00 020	14	1/2	9.5	31.5	29	16	25	21.5	10
57116 00 021	6	M12x1	7.5	20	22	11	16	12.5	10
57116 00 022	6	M12x1.25	7.5	20	22	11	16	12.5	10
57116 00 023	6	M12x1.5	7.5	20	22	11	16	12.5	10
57116 00 024	8	M12x1.5	7.5	22.5	22	12	16	14.5	10

## 57126

### RACCORDO A L ORIENTABILE PROLUNGATO MASCHIO CILINDRICO

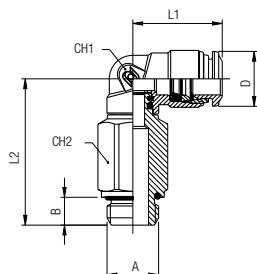
EXTENDED ORIENTING ELBOW MALE ADAPTOR (PARALLEL)

VERLÄNGERTE WINKELVERSCHRAUBUNG ZYLINDRISCH (DREHBAR)

EQUERRE PROLONGÉE ORIENTABLE MÂLE, CYLINDRIQUE

RACOR A L ORIENTABLE PROLONGADO MACHO CILÍNDRICO CON TÓRICA

CONEXÃO MACHO EM "L" PROLONGADO COM ROSCA PARALELA



Code	Tube	A	B	L1	L2	CH1	CH2	D	Pack.
57126 00 001	4	1/8	5.5	18	30	9	12	10	10
57126 00 002	4	1/4	7	18	32	9	15	10	10
57126 00 003	5	1/8	5.5	20	34.5	11	12	12.5	10
57126 00 004	6	1/8	5.5	21	34.5	11	12	12.5	10
57126 00 005	6	1/4	7	21	36	11	15	12.5	10
57126 00 006	8	1/8	5	22.8	37.5	12	12	14.5	10
57126 00 007	8	1/4	7	22.5	38	12	15	14.5	10
57126 00 008	8	3/8	8	22.5	40	12	18	14.5	10
57126 00 009	10	1/4	7	26.5	45	14	16	17.5	10
57126 00 010	10	3/8	8	26.5	44.5	14	18	17.5	10

## 57130

### RACCORDO A L INTERMEDIO

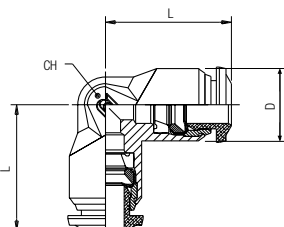
ELBOW CONNECTOR

WINKEL-ANSCHLUSS

RACCORD EQUERRE EGALE

RACOR A L INTERMEDIO

CONEXÃO EM "L" TUBO-TUBO



Code	Tube	L	CH	D	Pack.
* 57130 00 001	4 (5/32)	17	9	10	10
57130 00 006	5	20	11	12.5	10
57130 00 002	6	21	11	12.5	10
* 57130 00 003	8 (5/16)	22.5	13	14	10
57130 00 004	10	26.5	16	17	10
57130 00 005	12	30.5	19	21.5	10
57130 00 008	14	32.5	19	21.5	10

## 57200

### RACCORDO A T MASCHIO CONICO

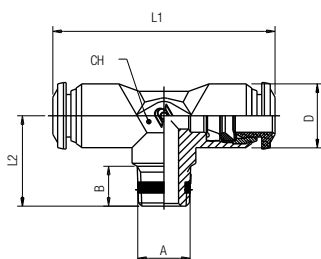
TEE MALE ADAPTOR (TAPER) CENTRE LEG

T-EINSCHRAUBVERSCHRAUBUNG KONISCH (NICHT DREHBAR)

TÉ NON ORIENTABLE À PIQUAGE MÂLE CENTRAL, CONIQUE (COURT)

RACOR A T MACHO CENTRAL CÓNICO

CONEXÃO MACHO EM "T" ORIENTÁVEL COM ROSCA CÔNICA



Code	Tube	A	B	L1	L2	CH	D	Pack.
57200 00 001	4	M5	5	34	15	9	10	10
57200 00 002	4	1/8	7.5	34	15.5	9	10	10
57200 00 010	5	1/8	7.5	40	17.5	11	12.5	10
57200 00 003	6	1/8	7.5	42	17.5	11	12.5	10
57200 00 004	8	1/8	7.5	45	19	13	14	10
57200 00 005	8	1/4	11	45	21.5	13	14	10
57200 00 006	10	1/4	11	53	24.5	16	17	10
57200 00 007	10	3/8	11.5	53	24	16	17	10
57200 00 008	12	1/4	11	61	28	19	21.5	10
57200 00 009	12	3/8	11.5	61	28	19	21.5	10

## 57211

### RACCORDO A T ORIENTABILE MASCHIO "UNIVERSAL SHORT"

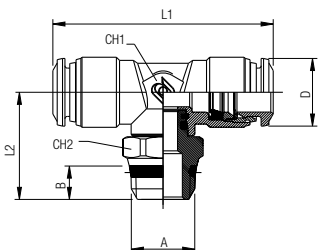
ORIENTING TEE MALE ADAPTOR "UNIVERSAL SHORT" - CENTRE LEG

T-EINSCHRAUBVERSCHRAUBUNG KONISCH (DREHBAR) "UNIVERSAL SHORT"

TÉ ORIENTABLE À PIQUAGE MÂLE CENTRAL, CONIQUE "UNIVERSAL SHORT"

RACOR A T ORIENTABLE MACHO CENTRAL CÓNICO "UNIVERSAL SHORT"

CONEXÃO EM "T" CENTRAL ORIENTÁVEL COM ROSCA MACHO "UNIVERSAL SHORT"



Code	Tube	A	B	L1	L2	CH1	CH2	D	Pack.
* 89211 00 003	4 (5/32)	1/8	5.5	34	20	9	13	10	10
* 89211 00 004	4 (5/32)	1/4	7	34	21.5	9	15	10	10
57211 00 004	6	1/8	5.5	42	22	11	13	12.5	10
57211 00 005	6	1/4	7	42	23.5	11	15	12.5	10
* 89211 00 016	8 (5/16)	1/8	5.5	45	25.5	13	13	14.5	10
* 89211 00 015	8 (5/16)	1/4	7	45	25.5	13	15	14.5	10
* 89211 00 017	8 (5/16)	3/8	7.5	45	26	13	17	14.5	10
57211 00 010	10	1/4	7	53	29	14	16	17.5	10
57211 00 011	10	3/8	7.5	53	27	14	17	17.5	10
57211 00 012	10	1/2	9	53	29.5	14	21	17.5	10
57211 00 013	12	3/8	7.5	62.5	29.5	16	20	21.5	10
57211 00 014	12	1/2	9	62.5	32	16	21	21.5	10

## 57216

### RACCORDO A T ORIENTABILE MASCHIO CILINDRICO

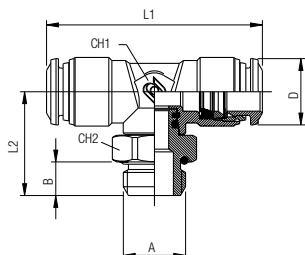
ORIENTING TEE MALE ADAPTOR (PARALLEL) - CENTRE LEG

T-EINSCHRAUBVERSCHRAUBUNG ZYLINDRISCH (DREHBAR)

TÉ ORIENTABLE À PIQUAGE MÂLE CENTRAL, CYLINDRIQUE

RACOR A T ORIENTABLE MACHO CENTRAL CILÍNDRICO CON TÓRICA

CONEXÃO MACHO EM "T" ORIENTÁVEL COM ROSCA PARALELA

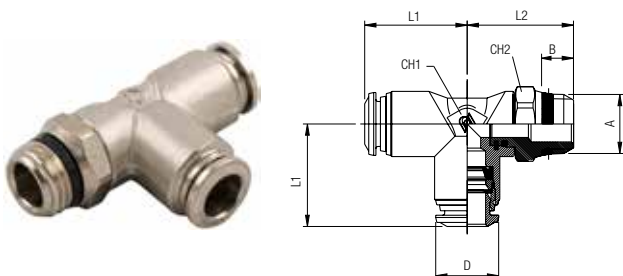


Code	Tube	A	B	L1	L2	CH1	CH2	D	Pack.
57216 00 002	4	M5	3.5	34	18	9	8	10	10
57216 00 003	4	1/8	5.5	34	18.5	9	13	10	10
57216 00 004	4	1/4	7	34	20	9	16	10	10
57216 00 005	5	M5	3.5	40	20.5	11	11	12.5	10
57216 00 006	5	1/8	5.5	40	20.5	11	13	12.5	10
57216 00 007	6	M5	3.5	42	20.5	11	11	12.5	10
57216 00 008	6	1/8	5.5	42	20.5	11	13	12.5	10
57216 00 009	6	1/4	7	42	22	11	16	12.5	10
57216 00 010	8	1/8	5.5	45	23.5	13	13	14.5	10
57216 00 011	8	1/4	7	45	24	13	16	14.5	10
57216 00 012	8	3/8	8	45	26	13	20	14.5	10
57216 00 013	8	1/2	9.5	45	27.5	13	25	14.5	10
57216 00 014	10	1/4	7	53	27.5	14	16	17.5	10
57216 00 015	10	3/8	8	53	27	14	20	17.5	10
57216 00 016	10	1/2	9.5	53	28.5	14	25	17.5	10
57216 00 017	12	3/8	8	62.5	29.5	16	20	21.5	10
57216 00 018	12	1/2	9.5	62.5	31	16	25	21.5	10
57216 00 019	14	3/8	8	62.5	29.5	16	20	21.5	10
57216 00 020	14	1/2	9.5	62.5	31	16	25	21.5	10
57216 00 021	6	M12x1	7.5	42	22	11	16	12.5	10
57216 00 022	6	M12x1.25	7.5	42	22	11	16	12.5	10
57216 00 023	6	M12x1.5	7.5	42	22	11	16	12.5	10

## 57223

### RACCORDO A T ORIENTABILE MASCHIO LATERALE "UNIVERSAL SHORT"

ORIENTING TEE MALE ADAPTOR "UNIVERSAL SHORT" OFF - SET LEG  
 L-EINSCHRAUBVERSCHRAUBUNG KONISCH (DREHBAR) "UNIVERSAL SHORT"  
 TÉ ORIENTABLE À PIQUAGE LATÉRAL, CONIQUE "UNIVERSAL SHORT"  
 RACOR A T ORIENTABLE MACHO LATERAL CÓNICO "UNIVERSAL SHORT"  
 CONEXÃO EM "T" LATERAL ORIENTÁVEL COM ROSCA MACHO "UNIVERSAL SHORT"

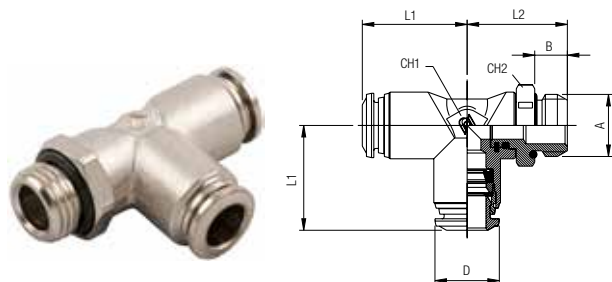


Code	Tube	A	B	L1	L2	CH1	CH2	D	Pack.
* 89223 00 003	4 (5/32)	1/8	5.5	17	20	9	13	10	10
* 89223 00 004	4 (5/32)	1/4	7	17	21.5	9	15	10	10
57223 00 004	6	1/8	5.5	21	22	11	13	12.5	10
57223 00 005	6	1/4	7	21	23.5	11	15	12.5	10
* 89223 00 015	8 (5/16)	1/8	5.5	22.5	24	13	13	14.5	10
* 89223 00 016	8 (5/16)	1/4	7	22.5	24	13	15	14.5	10
* 89223 00 017	8 (5/16)	3/8	7.5	22.5	27	13	17	14.5	10
57223 00 010	10	1/4	7	26.5	26	14	16	17.5	10
57223 00 011	10	3/8	7.5	26.5	26	14	17	17.5	10
57223 00 012	10	1/2	9	26.5	28.5	14	21	17.5	10
57223 00 013	12	3/8	7.5	31.5	29.5	16	20	21.5	10
57223 00 014	12	1/2	9	31.5	32	16	21	21.5	10

## 57226

### RACCORDO A T ORIENTABILE MASCHIO LATERALE CILINDRICO

ORIENTING TEE MALE ADAPTOR (PARALLEL) - OFF - SET LEG  
 L-EINSCHRAUBVERSCHRAUBUNG ZYLINDRISCH (DREHBAR)  
 TÉ ORIENTABLE À PIQUAGE LATÉRAL, CYLINDRIQUE  
 RACOR A T ORIENTABLE MACHO LATERAL CILÍNDRICO CON TÓRICA  
 CONEXÃO MACHO EM "T" LATERAL ORIENTÁVEL COM ROSCA PARALELA

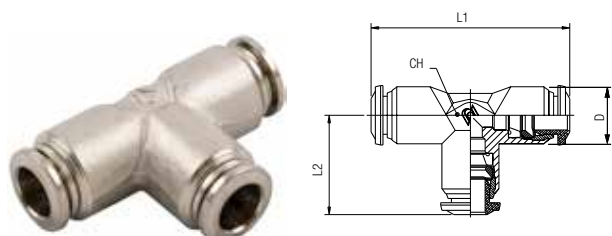


Code	Tube	A	B	L1	L2	CH1	CH2	D	Pack.
57226 00 002	4	M5	3.5	17	18	9	8	10	10
57226 00 003	4	1/8	5.5	17	18.5	9	13	10	10
57226 00 004	4	1/4	7	17	20	9	16	10	10
57226 00 005	5	M5	3.5	20	20.5	11	11	12.5	10
57226 00 006	5	1/8	5.5	20	20.5	11	13	12.5	10
57226 00 007	6	M5	3.5	21	20.5	11	11	12.5	10
57226 00 008	6	1/8	5.5	21	20.5	11	13	12.5	10
57226 00 009	6	1/4	7	21	22	11	16	12.5	10
57226 00 010	8	1/8	5.5	22.5	22.5	13	13	14.5	10
57226 00 011	8	1/4	7	22.5	23	13	16	14.5	10
57226 00 012	8	3/8	8	22.5	25	13	20	14.5	10
57226 00 013	8	1/2	9.5	22.5	26.5	13	25	14.5	10
57226 00 014	10	1/4	7	26.5	27	14	16	17.5	10
57226 00 015	10	3/8	8	26.5	26.5	14	20	17.5	10
57226 00 016	10	1/2	9.5	26.5	28	14	25	17.5	10
57226 00 017	12	3/8	8	31.5	29.5	16	20	21.5	10
57226 00 018	12	1/2	9.5	31.5	31	16	25	21.5	10
57226 00 021	6	M12x1	7.5	21	22	11	16	12.5	10
57226 00 022	6	M12x1.25	7.5	21	22	11	16	12.5	10
57226 00 023	6	M12x1.5	7.5	21	22	11	16	12.5	10

## 57230

### RACCORDO A T INTERMEDIO

TEE CONNECTOR  
 T-ANSCHLUSS  
 RACCORD TÉ  
 RACOR A T INTERMEDIO  
 CONEXÃO EM "T" TUBO-TUBO



Code	Tube	L1	L2	CH	D	Pack.
* 57230 00 001	4 (5/32)	34	17	9	10	10
57230 00 006	5	40	20	11	12.5	10
57230 00 002	6	42	21	11	12.5	10
* 57230 00 003	8 (5/16)	45	22.5	13	14	10
57230 00 004	10	53	26.5	16	17	10
57230 00 005	12	61	30.5	19	21.5	10
57230 00 008	14	65.5	32.5	19	21.5	10

## 57310

### RACCORDO A Y INTERMEDIO

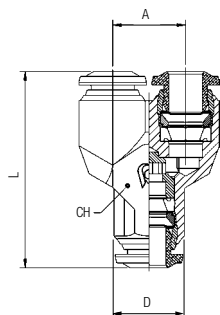
Y CONNECTOR

Y-ANSCHLUSS

RACCORD Y SIMPLE

RACOR A Y INTERMEDIO

CONEXÃO EM "Y" TUBO-TUBO



Code	Tube	A	L	CH	D	Pack.
* 57310 00 001	4 (5/32)	11	32	11	10	10
57310 00 004	5	13.5	35	13	12.5	10
57310 00 002	6	13.5	36.5	13	12.5	10
* 57310 00 003	8 (5/16)	15.5	41	15	14	10
57310 00 008	10	18.5	48	18	17	10

## 57500

### ANELLO A L ORIENTABILE

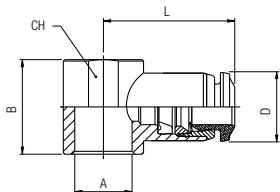
SINGLE BANJO BODY

RINGANSCHLUSS

CORPS SIMPLE POUR BANJO

ANILLO ORIENTABLE SIMPLE

ANEL ORIENTÁVEL EM "L"



Code	Tube	A	B	L	CH	D	Pack.
* 57500 00 001	4 (5/32)	M5(10/32)	12.5	19	-	10	10
57500 00 002	4	M6	12.5	19	-	10	10
* 57500 00 003	4 (5/32)	1/8	15	21	14	10	10
57500 00 013	5	M5	12.5	20	-	12.5	10
57500 00 017	5	M6	12.5	20	-	12.5	10
57500 00 014	5	1/8	15	21.5	14	12.5	10
57500 00 015	5	1/4	17	24.5	18	12.5	10
57500 00 016	6	M5	12.5	20.5	-	12.5	10
57500 00 018	6	M6	12.5	20.5	-	12.5	10
57500 00 004	6	1/8	15	22	14	12.5	10
57500 00 005	6	1/4	17	25	18	12.5	10
* 57500 00 006	8 (5/16)	1/8	15	24	14	14	10
* 57500 00 007	8 (5/16)	1/4	17	26	18	14	10
* 57500 00 008	8 (5/16)	3/8	20	28	21	14	10
57500 00 009	10	1/4	17	29	18	17	10
57500 00 010	10	3/8	20	30.5	21	17	10
57500 00 012	12	3/8	20	32.5	21	21.5	10
57500 00 021	12	1/2	24	35	25	21.5	10
57500 00 022	14	1/2	24	35.5	25	21.5	10

## 57510

### ANELLO A T ORIENTABILE

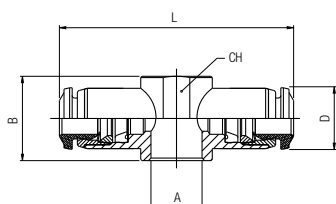
DOUBLE BANJO BODY

DOPPELTER RINGANSCHLUSS

CORPS DOUBLE POUR BANJO

ANILLO ORIENTABLE DOBLE

ANEL ORIENTÁVEL EM "T"

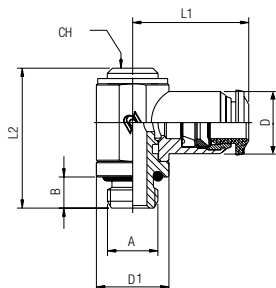


Code	Tube	A	B	L	CH	D	Pack.
* 57510 00 001	4 (5/32)	M5	12.5	38	-	10	10
* 57510 00 002	4 (5/32)	M6	12.5	38	-	10	10
* 57510 00 003	4 (5/32)	1/8	15	42	14	10	10
57510 00 008	5	1/8	15	43	14	12.5	10
57510 00 009	5	1/4	17	49	18	12.5	10
57510 00 004	6	1/8	15	44	14	12.5	10
57510 00 005	6	1/4	17	50	18	12.5	10
* 57510 00 006	8 (5/16)	1/8	15	48	14	14	10
* 57510 00 007	8 (5/16)	1/4	17	52	18	14	10

## 57550

### RACCORDO A L ORIENTABILE MASCHIO CILINDRICO

ORIENTING SINGLE BANJO BODY MALE  
 WINKELSCHWENKVERSCHRAUBUNG ZYLINDRISCH (DREHBAR)  
 EQUERRE MÂLE BANJO, ORIENTABLE  
 RACOR ORIENTABLE SIMPLE CON TÓRICA  
 CONEXÃO BANJO EM "L" COM ROSCA PARALELA

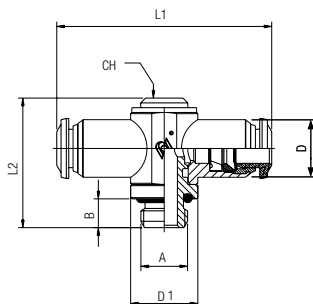


Code	Tube	A	B	L1	L2	CH	D1	D	Pack.
57550 00 001	4	M5	3.6	19	24.5	-	CH8	10	10
57550 00 002	4	1/8	6	21	28	5	14	10	10
57550 00 012	5	M5	3.6	20	24.5	-	CH8	12.5	10
57550 00 013	5	1/8	6	21.5	28	5	14	12.5	10
57550 00 014	5	1/4	8	24.5	31	6	17	12.5	10
57550 00 015	6	M5	3.6	20.5	24.5	-	CH8	12.5	10
57550 00 003	6	1/8	6	22.5	28	5	14	12.5	10
57550 00 004	6	1/4	8	25	31	6	17	12.5	10
57550 00 005	8	1/8	6	24	28	5	14	14	10
57550 00 006	8	1/4	8	26	31	6	17	14	10
57550 00 007	8	3/8	9	28	35.5	7	20	14	10
57550 00 008	10	1/4	8	29	31	6	17	17	10
57550 00 009	10	3/8	9	30.5	35.5	7	20	17	10
57550 00 011	12	3/8	9	32.5	35.5	7	20	21.5	10

## 57560

### RACCORDO A T ORIENTABILE MASCHIO CILINDRICO

ORIENTING DOUBLE BANJO BODY MALE  
 T-SCHWENKVERSCHRAUBUNG ZYLINDRISCH (DREHBAR)  
 TÊ MÂLE BANJO, ORIENTABLE  
 RACOR ORIENTABLE DOBLE CON TÓRICA  
 CONEXÃO BANJO EM "T" ORIENTÁVEL COM ROSCA PARALELA

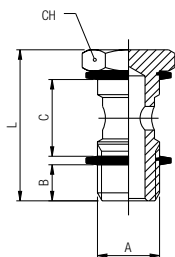


Code	Tube	A	B	L1	L2	D1	CH	D	Pack.
57560 00 002	4	1/8	6	42	27	14	5	10	10
57560 00 008	5	1/8	6	43	27	14	5	12.5	10
57560 00 009	5	1/4	8	49	31	17	6	12.5	10
57560 00 003	6	1/8	6	45	27	14	5	12.5	10
57560 00 004	6	1/4	8	50	31	17	6	12.5	10
57560 00 005	8	1/8	6	48	27	14	5	14	10
57560 00 006	8	1/4	8	52	31	17	6	14	10

## 51410

### VITE CAVA SINGOLA

BANJO STEM SINGLE  
 EINFACHE HOHLSCHRAUBE  
 VIS POUR BANJO SIMPLE  
 TORNILLO SIMPLE  
 HASTE PARA CONEXÃO BANJO COM 1 CAVIDADE



Code	A	B	C	L	CH	Pack.
51410 00 011	M5	4	12.5	22	8	10
51410 00 012	M6	5	12.5	23	8	10
51410 00 013	1/8	6	15	28	14	10
51410 00 014	1/4	8	17	32	17	10
51410 00 015	3/8	9	20	36	19	10
51410 00 016	1/2	10	24	42	24	10
51410 00 017	*M12x1.5	8	17	32	17	10

Questo articolo viene fornito completo di rondelle in PA66 (ART. 1610).

This item will be supplied with the PA66 washers (ART. 1610).

Dieser artikel wird mit dichtungen aus PA66 (ART. 1610) mitgeliefert.

Livré avec joints en PA66 (ART. 1610).

Este artículo viene completo de arandelas en nylon (ART. 1610).

Este item vem acompanhado de arruelas em PA66 (CÓD. 1610).

\* Con questa vite utilizzare gli anelli orientabili da 1/4.

\* With this banjo stem using 1/4 orienting banjo body.

\* Bei dieser grösse können dichtringe für 1/4 eingesetzt werden.

\* Compatible avec joint 1/4.

\* Con este tornillo utilizar el anillo orientable de 1/4.

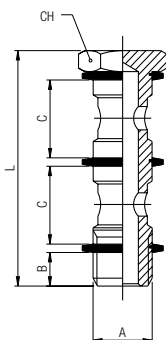
\* Com esta haste para banjo utilizar os anéis orientáveis de 1/4.

## 51420

### VITE CAVA DOPPIA

BANJO STEM DOUBLE  
DOPPELTE HOHLSCHRAUBE  
VIS POUR BANJO DOUBLE  
TORNILLO DOBLE

HASTE PARA CONEXÃO BANJO COM 2 CAVIDADES



Code	A	B	C	L	CH	Pack.
51420 00 011	1/8	6	15	44.5	14	10
51420 00 012	1/4	8	17	50.5	17	10
51420 00 013	3/8	9	20	58	19	10
51420 00 014	1/2	10	24	68	24	10
51420 00 015	*M12x1.5	8	17	50.5	17	10

Questo articolo viene fornito completo di rondelle in PA66 (ART. 1610).

This item will be supplied with the PA66 washers (ART. 1610).

Dieser artikel wird mit dichtungen aus PA66 (ART. 1610) Mitgeliefert.

Livré avec joints en PA66 (ART. 1610).

Este artículo viene completo de arandelas en nylon (ART. 1610).

Este item vem acompanhado de arruelas em PA66 (CÓD. 1610).

\* Con questa vite utilizzare gli anelli orientabili da 1/4.

\* With this banjo stem using 1/4 orienting banjo body.

\* Bei dieser größe können dichtringe für 1/4 eingesetzt werden.

\* Compatible avec joint 1/4.

\* Con este tornillo utilizar el anillo orientable de 1/4.

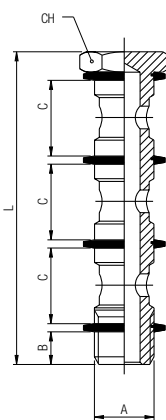
\* Com esta haste para banjo utilizar os anéis orientáveis de 1/4.

## 51430

### VITE CAVA TRIPLA

BANJO STEM TRIPLE  
DREIFACH HOHLSCHRAUBE  
VIS POUR BANJO TRIPLE  
TORNILLO TRIPLE

HASTE PARA CONEXÃO BANJO COM 3 CAVIDADES



Code	A	B	C	L	CH	Pack.
51430 00 011	1/8	6	15	61	14	10
51430 00 012	1/4	8	17	69	17	10
51430 00 013	3/8	9	20	80	19	10
51430 00 014	1/2	10	24	94	24	10

Questo articolo viene fornito completo di rondelle in PA66 (ART. 1610).

This item will be supplied with the PA66 washers (ART. 1610).

Dieser artikel wird mit dichtungen aus PA66 (ART. 1610) Mitgeliefert.

Livré avec joints en PA66 (ART. 1610).

Este artículo viene completo de arandelas en nylon (ART. 1610).

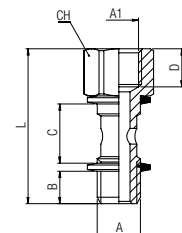
Este item vem acompanhado de arruelas em PA66 (CÓD. 1610).

## 51440

### VITE CAVA SINGOLA MASCHIO - FEMMINA

MALE - FEMALE BANJO STEM SINGLE  
AUFSCRAUBHOHLSCHRAUBE MIT INNENGEWINDE  
VIS CREUSE TARAUDÉE POUR BANJO SIMPLE  
TORNILLO SIMPLE MACHO - HEMBRA

HASTE PARA CONEXÃO BANJO COM 1 CAVIDADE MACHO - FÊMEA



Code	A	A1	B	C	D	L	CH	Pack.
51440 00 001	1/8	1/8	6	15	8.5	34.5	14	10
51440 00 002	1/4	1/4	8	17	11	40.5	17	10
51440 00 003	3/8	3/8	9	20	12	45.5	19	10

Questo articolo viene fornito completo di rondelle in PA66 (ART. 1610).

This item will be supplied with the PA66 washers (ART. 1610).

Dieser artikel wird mit dichtungen aus PA66 (ART. 1610) Mitgeliefert.

Livré avec joints en PA66 (ART. 1610).

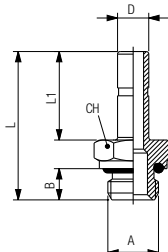
Este artículo viene completo de arandelas en nylon (ART. 1610).

Este item vem acompanhado de arruelas em PA66 (CÓD. 1610).

## 50600

### ADATTATORE MASCHIO CILINDRICO

MALE ADAPTOR PARALLEL  
EINSCHRAUBSTECKVERSCHRAUBUNG ZYLINDRISCH  
ADAPTEUR ENCLIQUETABLE MÂLE, CYLINDRIQUE  
ADAPTADOR MACHO CILÍNDRICO CON TÓRICA  
ADAPTADOR MACHO COM ROSCA PARALELA

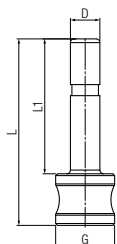


Code	D	A	B	L	L1	CH	Pack.
50600 00 001	4	M5	4	24	15	8	10
50600 00 002	4	1/8	6	26.5	15	13	10
50600 00 012	5	M5	4	26	17	8	10
50600 00 013	5	1/8	6	28.5	17	13	10
50600 00 014	5	1/4	8	31	17	16	10
50600 00 015	6	M5	4	26	17	8	10
50600 00 003	6	1/8	6	28.5	17	13	10
50600 00 004	6	1/4	8	31	17	16	10
50600 00 005	8	1/8	6	29.5	18	13	10
50600 00 006	8	1/4	8	32	18	16	10
50600 00 007	8	3/8	9	33.5	18	20	10
50600 00 016	10	1/8	6	33.5	22	13	10
50600 00 008	10	1/4	8	36	22	16	10
50600 00 009	10	3/8	9	37.5	22	20	10
50600 00 010	12	1/4	8	38.5	24.5	16	10
50600 00 011	12	3/8	9	40	24.5	20	10
50600 00 018	14	1/2	10	44	26.5	24	10

### 57610

**TAPPO**

PLUG  
VERSCHLUSSZAPFEN  
BOUCHON ENCLIQUETABLE  
TAPÓN  
TAMPÃO

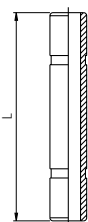


Code	D	G	L	L1	Pack.
* 57610 00 01 X1 NB	4 (5/32)	8	25,5	18,5	10
57610 00 01 X3 NB	5	8	27	20	10
57610 00 01 X4 NB	6	8	27,5	20,5	10
* 57610 00 01 X7 NB	8 (5/16)	12	29,5	21,5	10
57610 00 01 X9 NB	10	12	32,5	24,5	10
57610 00 01 Y1 NB	12	16	36,5	27,5	10
57610 00 01 Y3 NB	14	16	35,5	26,5	10

### 50625

**GIUNZIONE DOPPIA**

DOUBLE JOINT  
DOPPELSTECKER  
JONCTION DOUBLE  
UNIÓN DOBLE  
JUNÇÃO DUPLA

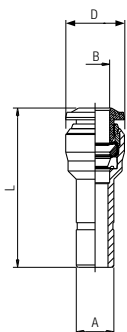


Code	Tube	L	Pack.
* 50625 00 01 X1 NB	4 (5/32)	31	10
50625 00 01 X3 NB	5	33	10
50625 00 01 X4 NB	6	34	10
* 50625 00 01 X7 NB	8 (5/16)	36	10
50625 00 01 X9 NB	10	45	10
50625 00 01 Y1 NB	12	50	10

### 57700

**RIDUZIONE**

REDUCER  
REDUZIERUNG  
RÉDUCTION ENCLIQUETABLE  
REDUCCIÓN  
REDUÇÃO

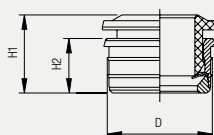


Code	A	B	L	D	Pack.
57700 00 004	5	4	29	10.5	10
57700 00 001	6	4	30	10.5	10
57700 00 005	6	5	32	11.5	10
* 57700 00 008	8 (5/16)	4 (5/32)	33	10.5	10
57700 00 002	8	6	34	14	10
57700 00 009	10	4	32	10	10
57700 00 003	10	8	38	14.5	10
57700 00 007	12	8	39	14.5	10
57700 00 010	12	10	43	17.5	10

### 57800

**CARTUCCE A COMPRESIONE**

PUSH-FIT CARTRIDGES  
EINPRESSPATRONEN  
CARTOUCHE  
CARTUCHO A COMPRESIÓN  
CARTUCHO DE COMPRESSÃO

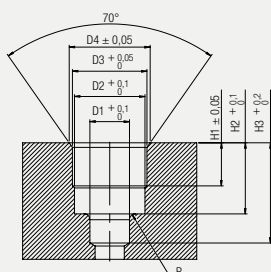


Code	Tube	D	H1	H2	Pack.
57800 00 001	4	8.7	10.4	5.6	25
57800 00 002	5	9.75	11.8	6.3	25
57800 00 003	6	10.75	12.4	6.9	25
57800 00 004	8	12.7	12.4	6.9	25
57800 00 005	10	15.7	15.7	8.5	25
57800 00 006	12	18.3	17.8	9.5	25

Dimensioni sedi cartucce a compressione.  
Seats dimensions push-fit cartridges.  
Bohrungsangaben für die einpresspatronen.  
Dimensions des logements des cartouches.  
Dimensiones sede cartucho a compresión.  
Dimensão da sede do cartucho de compressão.

**SEDE**

SEAT  
BOHRUNGEN  
IMPLANTATION  
SEDE  
SEDE



Tube	D1	D2	D3	D4	H1	H2	H3	R
4	4.2	7.45	8.4	9	3.75	6.5	9.5	0.5
5	5.2	8.35	9.4	10.15	4.45	7.9	10.5	0.5
6	6.2	9.35	10.45	11.35	5	8.5	11.5	0.5
8	8.2	11.4	12.4	12.9	5.2	8.5	12.5	0.75
10	10.2	14.5	15.4	16	6.7	10.5	15	0.75
12	12.2	17	18	19	7.5	12.1	17	1

**55801**

**FRESA SEDE CARTUCCE A COMPRESIONE**

TOOL FOR PUSH-FIT CARTRIDGES SEAT  
 STUFENBOHRER FÜR EINPRESSPATRONEN  
 OUTIL DE PERÇAGE POUR CARTOUCHE  
 FRESA SEDE CARTUCHO A COMPRESIÓN  
 FRESA PARA FURAÇÃO DA SEDE DO CARTUCHO DE COMPRESSÃO



Code	Tube	ø Body	Pack.
55801 00 001	4	10	1
55801 00 006	5	12	1
55801 00 002	6	12	1
55801 00 003	8	12	1
55801 00 004	10	16	1
55801 00 005	12	16	1

**55802**

**CANOTTO MONTAGGIO CARTUCCE A COMPRESIONE**

ASSEMBLING TOOL FOR PUSH-FIT CARTRIDGES  
 MONTAGEWERKZEUG FÜR EINPRESSPATRONEN  
 OUTIL DE MONTAGE POUR CARTOUCHE  
 ÚTIL DE MONTAJE CARTUCHO A COMPRESIÓN  
 TUBETE PARA MONTAGEM DO CARTUCHO DE COMPRESSÃO



Code	Tube	Pack.
55802 00 002	4	1
55802 00 003	5	1
55802 00 004	6	1
55802 00 005	8	1
55802 00 006	10	1
55802 00 007	12	1

**ISTRUZIONI DI MONTAGGIO CARTUCCE A COMPRESIONE ART. 55800**

PUSH-FIT CARTRIDGES ASSEMBLING INSTRUCTIONS ART. 55800  
 ANLEITUNG FÜR DIE MONTAGE DER EINPRESSPATRONEN ART. 55800  
 INSTRUCTION DE MONTAGE POUR CARTOUCHE RÉF. 55800  
 INSTRUCCIONES DE MONTAJE CARTUCHO A COMPRESIÓN ART. 55800  
 INSTRUÇÕES DE MONTAGEM DO CARTUCHO DE COMPRESSÃO CÓD. 55800

**1** Realizzare la sede per la cartuccia utilizzando l'apposita fresa Art. 55801.  
 Make the seat for the cartridge utilizing the suitable tool Art. 55801.  
 Machen sie die Sitze für die Einpresspatronen mit dem entsprechenden Stufenbohrer Art. 55801.  
 Usiner le logement de la cartouche à l'aide de l'outil de perçage réf. 55801.  
 Realizar la sede para el cartucho utilizando la correspondiente fresa Art. 55801.  
 Realize a furação da sede para o cartucho utilizando a fresa de cód. 55801.



**2** Inserire la guarnizione sagomata nell'apposita sede.  
 Insert the seal inside of the seat.  
 Legen sie die dichtung in die Bohrung ein.  
 Insérer le joint dans le logement.  
 Insertar la junta en la correspondiente sede.  
 Insira vedação no fundo da sede.



**3** Inserire la cartuccia nel canotto di montaggio Art. 55802.  
 Insert the cartridge into the assembling tool Art. 55802.  
 Legen sie die Einpresspatrone in das Montagewerkzeug Art. 55802.  
 Insérer la cartouche dans l'outil de montage réf. 55802.  
 Insertar el cartucho en el útil de montaje Art. 55802.  
 Insira o cartucho no tubete de montagem Cód. 55802.



**4** Premere la cartuccia all'interno della sede fino ad arrivare in battuta sul piano con il canotto.  
 Press the cartridge inside of the seat until it will be reached the abutment surface with the assembling tool.  
 Drücken sie die Einpresspatrone in die Bohrung, bis das Montagewerkzeug am Werkstück ansteht.  
 Presser la cartouche dans le logement jusqu'à ce que l'outil de montage soit en contact avec la surface.  
 Empujar el cartucho al interior de la sede hasta llegar al plano con el útil de montaje.  
 Pressione o cartucho no interior da sede até tocar a superfície de montagem com o tubete.

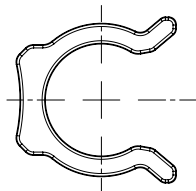




## 50980

### CLIP DI SICUREZZA

SECURITY CLIPS  
SICHERHEITSClip  
CLIP DE SECURITÉ  
CLIP DE SEGURIDAD ROJO  
CLIP DE SEGURANÇA

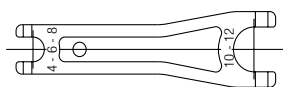


Code	Tube	Pack.
50980 00 32 X1 RO	4 (5/32)	50
50980 00 32 X3 RO	5	50
50980 00 32 X4 RO	6 (1/4)	50
50980 00 32 X7 RO	8 (5/16)	50
50980 00 32 X9 RO	10 (3/8)	50
50980 00 32 Y1 RO	12 (1/2)	50
50980 00 32 Y3 RO	14	50

## 50990

### LEVA SGANCIO ADATTATORI

TOOL FOR DISASSEMBLING  
LÖSEWERKZEUG  
OUTIL DE DÉMONTAGE  
LLAVE DE DESMONTAJE  
FERRAMENTA PARA DESMONTAGEM



Code	Pack.
50990 00 001	10

## 50006

### ANELLO DI TENUTA PER FILETTI CONICI "UNIVERSAL SHORT"

THREAD PACKING FOR THE "UNIVERSAL SHORT" TAPER THREADS  
DICHTRINGE FÜR KONISCHE GEWINDE "UNIVERSAL SHORT"  
BAGUE D'ÉTANCHÉITÉ POUR FILETAGES CONIQUES "UNIVERSAL SHORT"  
JUNTA DE CIERRE PARA ROSCAS CÓNICAS "UNIVERSAL SHORT"  
ANEL DE VEDAÇÃO PARA ROSCAS CÔNICA "UNIVERSAL SHORT"



Code	Thread	Pack.
50006 00 24 02 00	1/8	10
50006 00 24 03 00	1/4	10
50006 00 24 04 00	3/8	10
50006 00 24 05 00	1/2	10