

## Serie 50000

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**RACCORDI AUTOMATICI**

*PUSH-IN FITTINGS*

*STECKVERSCHRAUBUNGEN*

*RACCORDS INSTANTANÉS*

*RACORDAJE AUTOMÁTICO*

*CONEXÕES PUSH-IN*

**Serie 50000**



Da 40 anni Aignep studia, concepisce e realizza sistemi di connessioni per pneumatica e fluidica. La serie 50.000, prima versione istantanea, lanciata da Aignep, è l'espressione chiara della tecnologia affidabile e largamente provata nelle applicazioni pneumatiche.

### Principali vantaggi

- Connessione e sconnessione istantanea
- Pieno passaggio e tenuta al vuoto grazie a guarnizioni sagomate
- Tre tipologie di filettature, BSPP, BSPT (universal short) e Metrica
- Robustezza perché realizzato in metallo
- Vasta gamma a disposizione per soddisfare le installazioni più esigenti
- Silicon Free

### Applicazioni

- Automazione Pneumatica
- Automotive
- Industria tessile, imballaggio
- Circuiti aria compressa
- Vuoto

For over 40 years Aignep has developed and manufactured fittings for compressed air and fluid technology.

The 50.000 serie is the first line launched on the market from Aignep. It is the icon of quality, reliability and endurance in the pneumatic field.

### Main advantages

- Quick connection and disconnection
- Full Flow and Vacuum resistant tank to special shaped seals
- 3 threads available, BSPP, BSPT (universal short) & Metric
- Metal Robustness
- Wide Range
- Silicon Free

### Applications

- Pneumatic Automation
- Automotive
- Textile, Packaging
- Compressed Air Circuit
- Vacuum

Seit über 40 Jahren entwickelt und produziert Aignep Verschraubungen für Druckluft und Fluidtechnik.

Die 50.000er-Serie von Aignep wurde als erste Version auf dem Markt eingeführt. Sie ist Symbol für Qualität, Zuverlässigkeit und bewährter Technologie im pneumatischen Bereich.

### Hauptvorteile

- Schnelle Verbindung und Trennung
- Voller Durchfluss und Vakuumfestigkeit, dank spezieller Formdichtungen
- Drei Gewindearten, BSPP, BSPT (universal kurz) und metrisch
- Robustes Metall
- Große Auswahl, auch für anspruchsvollste Installationen.
- Silikonfrei

### Anwendungen

- Pneumatische Automation
- Automobil-Industrie
- Textil-, Verpackungsindustrie
- Druckluftkreislauf
- Vakuum

Depuis 40 ans, Aignep développe et fabrique des raccords pour l'air comprimé et pour tous fluides industriels.

La série 50.000 est la première gamme lancée sur le marché par Aignep. C'est une des références en terme de qualité, de fiabilité et d'endurance pour les applications pneumatiques.

### Principaux avantages

- Connexion et déconnexion instantanée
- Plein débit et tenue au vide industriel grâce à des joints de forme
- 3 filetages disponibles, BSPP, BSPT (universal court) et Métrique
- Robustesse Métallique
- Large gamme
- Sans silicone

### Applications

- Automatismes Pneumatiques
- Automobile
- Textile, Emballage
- Circuit d'Air comprimé
- Vide

Por más de 40 años Aignep estudia, concibe y fabrica sistemas de conexión para neumática y fluidica.

La serie 50.000, primera versión instantánea, lanzada por Aignep, es la expresión más clara de la tecnología fiable y ampliamente probada en las aplicaciones neumáticas.

### Principales ventajas

- Conexión y desconexión instantánea
- Paso total y estanqueidad al vacío gracias a las juntas moldeadas
- Tres tipos de roscas, BSPP, BSPT (universal short) y métricas
- Robustez, realizado en metal
- Amplia gama disponible para satisfacer las instalaciones más exigentes
- Libre de silicona

### Aplicaciones

- Automatización Neumática
- Automoción
- Industria textil, envasado
- Circuitos de aire comprimido
- Vacío

Por mais de 40 anos, a Aignep desenvolveu e fabricou conexões para ar comprimido e fluidos.

A série 50.000 é a primeira linha lançada no mercado pela Aignep. Ela é um ícone da qualidade, confiabilidade e durabilidade no campo da pneumática.

### Principais vantagens

- Rápida conexão e desconexão.
- Vazão total e resistência ao vácuo graças ao design especial das suas vedações
- 3 tipos de rosca disponíveis: BSPP, BSPT (universal short) & Métrica
- Robustez Metálica
- Grande Range de itens
- Livre de Silicone

### Aplicações

- Automação Pneumática
- Automotiva
- Têxtil, Embalagens
- Circuitos de Ar Comprimido
- Vácuo





### 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 referència

1907/2006

REACH ✓

2011/65/CE

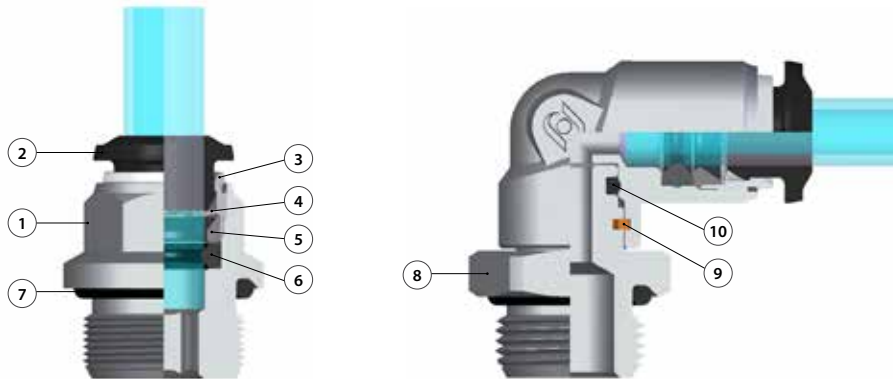
RoHS ✓

PED

2014/68/UE

ISO  
14743:2004

SILICON  
FREE



### Materiali e Componenti

IT

- 1 Corpo in ottone nichelato
- 2 Spintore sgancio tubo in resina acetatica
- 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
- 7 Guarnizione filetto in NBR
- 8 Basetta Filettata in Ottone Nichelato
- 9 Seeger
- 10 Guarnizione in NBR

### Component Parts and Materials

GB

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

### Komponenten und Materialien

DE

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

### Matériaux et Composants

FR

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

### Materiales y Componentes

ES

- 1 Cuerpo en latón niquelado
- 2 Anillo de extracción tubo en resina acetálica
- 3 Cápsula en latón niquelado
- 4 Pinza de agarre en acero inox AISI 301
- 5 Anillo de posicionamiento en tecnopolimero
- 6 Junta de forma en NBR
- 7 Junta rosca en NBR
- 8 Base roscada en latón niquelado
- 9 Seeger
- 10 Junta en NBR

### Materiais e Componentes

PT

- 1 Corpo em latão niquelado
- 2 Anilha de liberação do tubo em resina acetálica
- 3 Cápsula de latão niquelado
- 4 Pinça de travamento em aço-inox AISI 301
- 5 Anel de posicionamento em tecnopolimero
- 6 Vedação em NBR
- 7 Vedação da rosca em NBR
- 8 Base roscada em latão niquelado
- 9 Seeger
- 10 Vedação em NBR



### Pressioni

Pressures

Druckbereich

Pressions

Presiones

Pressões

- 0.99 bar (-0.099 MPa)

20 bar (2.0 MPa)



### Temperature

Temperatures

Temperatur

Températures

Temperaturas

Temperaturas

- 20 °C

+ 80 °C



### Fluidi compatibili

Aria compressa / Vuoto

Fluids

Compressed air / Vacuum

Geeignete Medien

Druckluft / Vakuum

Fluides compatibles

Air comprimé / Vide

Fluidos compatibles

Aire comprimido / Vacío

Fluidos compatíveis

Ar comprimido / Vácuo



### Tubi di Collegamento

IT

Tubi in materiale plastico:

PA6, PA11, PA12, Polietilene, \*Poliuretano, PTFE, FEP.

\*Per tubi in Poliuretano é consigliata una durezza di 98 shore.

### Connection Tubes

GB

Plastic tubes:

PA6, PA11, PA12, Polyethylene, \*Polyurethane, PTFE, FEP.

\*For Polyurethane hoses it is required a minimum hardness of 98 shore.

### Geeignete Rohre

DE

Kunststoffrohre:

PA6, PA11, PA 12, Polyethylene, \*Polyurethan, PTFE, FEP.

\*Für Polyurethan Rohre ist eine Härte von 98 Shore empfohlen.

### Tubes Conseillés

FR

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

ES

Tubos en material plástico:

PA6, PA11, PA 12, Polietileno, \*Poliuretano, PTFE, FEP.

\*Para tubos en poliuretano es aconsejada una dureza de 98 shore.

### Tubos de Conexão

PT

Tubos em material plástico:

PA6, PA11, PA12, Polietileno, \*Poliuretano, PTFE, FEP.

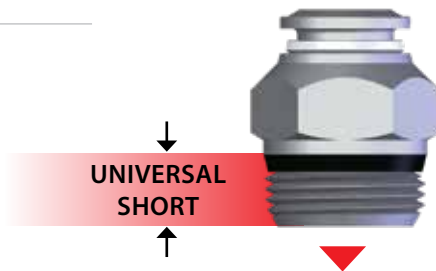
\*Para tubos em Poliuretano é requerida uma dureza de 98 shore.



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



**UNIVERSAL SHORT**



|   |  |   |   |
|---|--|---|---|
| <p><b>NPT</b><br/><b>NPTF</b></p> <p>Conica<br/>Tapered<br/>Konisch<br/>Conique<br/>Cónica<br/>Cônica</p> | <p><b>ISO 7</b><br/><b>BSPP</b></p> <p>Cilindrica<br/>Paralell<br/>Zylindrisch<br/>Cylindrique<br/>Cilíndrica<br/>Paralela</p> | <p><b>ISO 7</b><br/><b>BSPT</b><br/><b>PT</b></p> <p>Conica<br/>Tapered<br/>Konisch<br/>Conique<br/>Cónica<br/>Cônica</p> | <p><b>ISO 228</b><br/><b>BSP</b><br/><b>PF</b></p> <p>Cilindrica<br/>Paralell<br/>Zylindrisch<br/>Cylindrique<br/>Cilíndrica<br/>Paralela</p> |
|---|--|---|---|

|   |  |   |
|---|--|---|
| <p><b>"UNIVERSAL SHORT"</b> <b>IT</b></p> <p>La filettatura conica "UNIVERSAL SHORT" è progettata per soddisfare le seguenti caratteristiche:</p> <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> | <p><b>"UNIVERSAL SHORT"</b> <b>GB</b></p> <p>The "UNIVERSAL SHORT" taper thread has been designed to offer the following advantages to the users:</p> <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>                 | <p><b>"UNIVERSAL SHORT"</b> <b>DE</b></p> <p>Das konische Gewinde "UNIVERSAL SHORT" ist so konzipiert, dass folgende Vorteile erzielt werden:</p> <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> |
| <p><b>"UNIVERSAL SHORT"</b> <b>FR</b></p> <p>Le filetage conique "UNIVERSAL SHORT" a été conçu pour satisfaire les exigences suivantes:</p> <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>                    | <p><b>"UNIVERSAL SHORT"</b> <b>ES</b></p> <p>La rosca cónica "UNIVERSAL SHORT" ha sido proyectada para satisfacer las siguientes características:</p> <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 roscas hembra sean cónicas o cilíndricas.</li> </ul> | <p><b>"UNIVERSAL SHORT"</b> <b>PT</b></p> <p>A rosca cónica "UNIVERSAL SHORT" é projetada para satisfazer às seguintes características:</p> <ul style="list-style-type: none"> <li>• reduzir o comprimento da conexão;</li> <li>• reduzir o dimensional com relação às roscas paralelas;</li> <li>• permitir o acoplamento da conexão a diferentes tipos de rosca fêmea, sejam elas cónicas ou paralelas.</li> </ul>  |



Inclinate  
Inclined  
Geneigt  
Incliné  
Inclinada  
Inclinadas



Concave  
Concave  
Konkav  
Concave  
Cóncava  
Côncavas



Convexe  
Convex  
Konvex  
Convexe  
Convexa  
Convexas

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



**Coppia di serraggio**

Torque specifications

Angaben Drehmoment

Couple de serrage

Par de apriete

Especificações de Torque



ISO 228

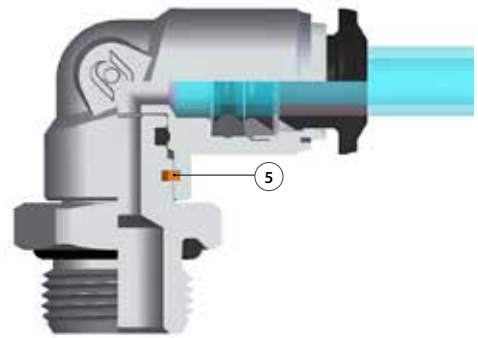
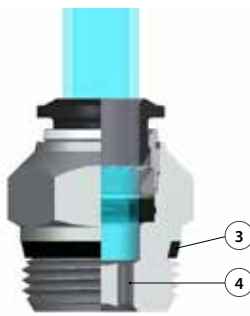
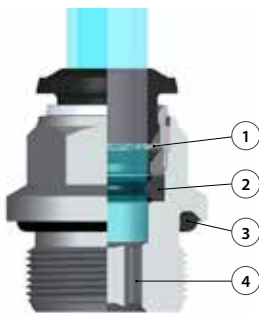


"UNIVERSAL SHORT"

| MISURA<br>MEASURE<br>GRÖSSE<br>DIMENSIONS<br>MEDIDA<br>MEDIDA | COPPIA CONSIGLIATA Nm<br>RECOMMENDED TORQUE Nm<br>EMPFOLHENES DREHMOMENT Nm<br>COUPLE DE SERRAGE Nm<br>PAR ACONSEJADO Nm<br>TORQUE RECOMENDADO Nm | COPPIA DI ROTTURA Nm<br>BREAKING TORQUE Nm<br>ABSCHERDREHMOMENT Nm<br>COUPLE DE RUPTURE Nm<br>PAR DE ROTURA Nm<br>TORQUE DE RUPTURA Nm |
|---|---|--|
| M5  | 0,8   | 3,2  |
| 1/8   | 3   | 8  |
| 1/4   | 9   | 30   |
| 3/8   | 10  | 60   |
| 1/2   | 12  | 50   |

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

**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*  
*Os valores de ruptura podem variar em função do item*



**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 dritti 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 roscas 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**

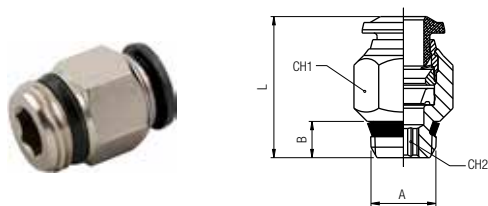
PT

- 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 roscas 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 allenorando possível montagem das mesmas em espaços bem reduzidos.
- 5 Montagem ajustável com anel de segurança dentro. A durabilidade melhorada para a rotação e tração.

## 50000N

### 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"

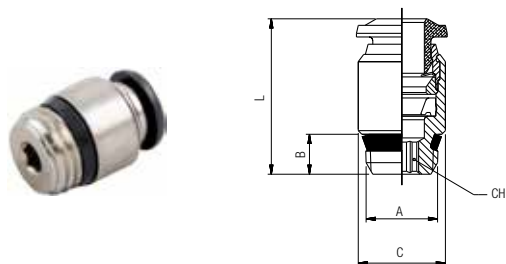


| Code         | Tube | A   | B   | L    | CH1 | CH2 | Pack. |
|--------------|------|-----|-----|------|-----|-----|-------|
| 55000 00 001 | 4    | 1/8 | 5.5 | 18   | 11  | 3   | 10    |
| 55000 00 013 | 4    | 1/4 | 7   | 19   | 14  | 3   | 10    |
| 55000 00 002 | 5    | 1/8 | 5.5 | 20   | 11  | 4   | 10    |
| 55000 00 003 | 5    | 1/4 | 7   | 20   | 14  | 4   | 10    |
| 55000 00 004 | 6    | 1/8 | 5.5 | 21.5 | 13  | 4   | 10    |
| 55000 00 005 | 6    | 1/4 | 7   | 21   | 14  | 4   | 10    |
| 55000 00 014 | 6    | 3/8 | 7.5 | 23   | 17  | 4   | 10    |
| 55000 00 015 | 6    | 1/2 | 9   | 23.5 | 21  | 4   | 10    |
| 55000 00 006 | 8    | 1/8 | 5.5 | 24.5 | 14  | 5   | 10    |
| 55000 00 007 | 8    | 1/4 | 7   | 22   | 14  | 6   | 10    |
| 55000 00 008 | 8    | 3/8 | 7.5 | 23   | 17  | 6   | 10    |
| 55000 00 016 | 8    | 1/2 | 9   | 23.5 | 21  | 6   | 10    |
| 55000 00 009 | 10   | 1/4 | 7   | 28   | 17  | 7   | 10    |
| 55000 00 010 | 10   | 3/8 | 7.5 | 25.5 | 17  | 8   | 10    |
| 55000 00 017 | 10   | 1/2 | 9   | 26   | 21  | 8   | 10    |
| 55000 00 011 | 12   | 1/4 | 7   | 31.5 | 20  | 7   | 10    |
| 55000 00 012 | 12   | 3/8 | 7.5 | 29.5 | 20  | 9   | 10    |
| 55000 00 018 | 12   | 1/2 | 9   | 31.5 | 21  | 10  | 10    |
| 55000 00 019 | 14   | 3/8 | 7.5 | 32.5 | 21  | 9   | 10    |
| 55000 00 020 | 14   | 1/2 | 9   | 31.5 | 21  | 10  | 10    |

## 50010N

### RACCORDO DIRITTO MASCHIO ESAGONO INCASSATO

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



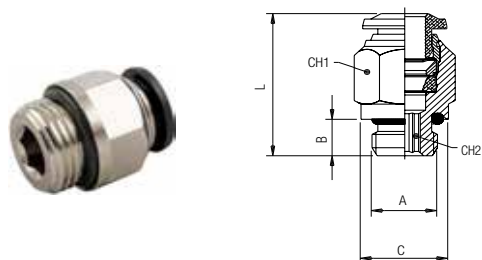
| Code         | Tube | A    | B   | C   | L    | CH  | Pack. |
|--------------|------|------|-----|-----|------|-----|-------|
| 50010 00 N08 | 3    | M5   | 4   | 8   | 19   | 2.5 | 10    |
| 50010 00 N01 | 4    | M5   | 4   | 9.5 | 19.5 | 2.5 | 10    |
| 50010 00 N02 | 4    | 1/8  | 5.5 | 11  | 18   | 3   | 10    |
| 50010 00 N09 | 4    | M7x1 | 5   | 10  | 21   | 2.5 | 10    |
| 50010 00 N07 | 6    | M5   | 4   | 12  | 24.5 | 2.5 | 10    |
| 50010 00 N11 | 6    | M6x1 | 5   | 12  | 24   | 2.5 | 10    |
| 50010 00 N03 | 6    | 1/8  | 5.5 | 12  | 21.5 | 4   | 10    |
| 50010 00 N04 | 6    | 1/4  | 7   | 14  | 21   | 4   | 10    |
| 50010 00 N05 | 8    | 1/8  | 5.5 | 14  | 25   | 5   | 10    |

| Code         | Tube | A        | B  | C  | L    | CH1 | CH2 | Pack. |
|--------------|------|----------|----|----|------|-----|-----|-------|
| 50020 00 N21 | 3    | M5       | 4  | 8  | 19   | 8   | 2   | 10    |
| 50020 00 N34 | 4    | M3       | 3  | 10 | 21   | 8   | -   | 10    |
| 50020 00 N01 | 4    | M5       | 4  | 8  | 21   | 10  | 2   | 10    |
| 50020 00 N02 | 4    | 1/8      | 6  | 13 | 20   | 10  | 3   | 10    |
| 50020 00 N22 | 4    | 1/4      | 8  | 16 | 19.5 | 16  | 3   | 10    |
| 50020 00 N18 | 5    | M5       | 4  | 8  | 23.5 | 12  | 2   | 10    |
| 50020 00 N19 | 5    | 1/8      | 6  | 13 | 22   | 12  | 4   | 10    |
| 50020 00 N36 | 5    | 1/4      | 8  | 16 | 22   | 12  | 4   | 10    |
| 50020 00 N20 | 6    | M5       | 4  | 10 | 24.5 | 13  | 2   | 10    |
| 50020 00 N03 | 6    | 1/8      | 6  | 13 | 23.5 | 13  | 4   | 10    |
| 50020 00 N04 | 6    | 1/4      | 8  | 16 | 23.5 | 13  | 4   | 10    |
| 50020 00 N27 | 6    | 3/8      | 9  | 20 | 25   | 13  | 4   | 10    |
| 50020 00 N28 | 6    | 1/2      | 10 | 25 | 27   | 13  | 4   | 10    |
| 50020 00 N05 | 8    | 1/8      | 6  | 13 | 25   | 14  | 5   | 10    |
| 50020 00 N06 | 8    | 1/4      | 8  | 16 | 23   | 14  | 6   | 10    |
| 50020 00 N07 | 8    | 3/8      | 9  | 20 | 24   | 14  | 6   | 10    |
| 50020 00 N29 | 8    | 1/2      | 10 | 25 | 26.5 | 14  | 6   | 10    |
| 50020 00 N08 | 10   | 1/4      | 8  | 16 | 30.5 | 17  | 6   | 10    |
| 50020 00 N09 | 10   | 3/8      | 9  | 20 | 27.5 | 17  | 8   | 10    |
| 50020 00 N31 | 10   | 1/2      | 10 | 25 | 27   | 17  | 8   | 10    |
| 50020 00 N32 | 12   | 1/4      | 8  | 16 | 34.5 | 20  | 6   | 10    |
| 50020 00 N11 | 12   | 3/8      | 9  | 20 | 34   | 20  | 8   | 10    |
| 50020 00 N23 | 12   | 1/2      | 10 | 25 | 31   | 22  | 10  | 10    |
| 50020 00 N24 | 14   | 3/8      | 9  | 20 | 35   | 21  | 10  | 10    |
| 50020 00 N25 | 14   | 1/2      | 10 | 25 | 32   | 22  | 11  | 10    |
| 50020 00 N12 | 6    | M12x1    | 8  | 15 | 23.5 | 13  | 4   | 10    |
| 50020 00 N13 | 6    | M12x1.25 | 8  | 15 | 23.5 | 13  | 4   | 10    |
| 50020 00 N14 | 6    | M12x1.5  | 8  | 15 | 23.5 | 13  | 4   | 10    |
| 50020 00 N17 | 8    | M12x1.5  | 8  | 15 | 27.5 | 14  | 6   | 10    |

## 50020N

### RACCORDO DIRITTO MASCHIO CILINDRICO

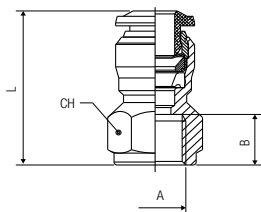
STRAIGHT MALE ADAPTOR (PARALLEL)  
 GERADE EINSCHRAUBVERSCHRAUBUNG ZYLINDRISCH  
 RACCORD DROIT MÂLE, CYLINDRIQUE  
 RACOR RECTO MACHO CILÍNDRICO CON TÓRICA  
 CONEXÃO RETA COM ROSCA PARALELA



## 50030N

### RACCORDO DIRITTO FEMMINA

STRAIGHT FEMALE ADAPTOR  
 AUFSCHRAUBVERSCHRAUBUNG  
 RACCORD DROIT, TARAUDE  
 RACOR RECTO HEMBRA  
 CONEXÃO RETA COM ROSCA FÊMEA

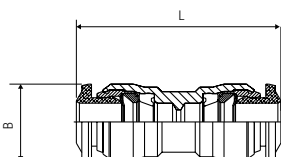


| Code         | Tube | A   | B   | L    | CH | Pack. |
|--------------|------|-----|-----|------|----|-------|
| 50030 00 N07 | 3    | M5  | 5.5 | 18.5 | 9  | 10    |
| 50030 00 N08 | 4    | M5  | 5.5 | 21   | 11 | 10    |
| 50030 00 N01 | 4    | 1/8 | 8.5 | 24   | 13 | 10    |
| 50030 00 N09 | 4    | 1/4 | 11  | 27.5 | 16 | 10    |
| 50030 00 N06 | 5    | 1/8 | 8.5 | 26.5 | 13 | 10    |
| 50030 00 N02 | 6    | 1/8 | 8.5 | 26   | 13 | 10    |
| 50030 00 N03 | 6    | 1/4 | 11  | 29.5 | 16 | 10    |
| 50030 00 N04 | 8    | 1/8 | 8.5 | 27   | 15 | 10    |
| 50030 00 N05 | 8    | 1/4 | 11  | 29.5 | 17 | 10    |
| 50030 00 N10 | 8    | 3/8 | 12  | 32   | 19 | 10    |
| 50030 00 N11 | 10   | 1/4 | 11  | 32   | 18 | 10    |
| 50030 00 N12 | 10   | 3/8 | 12  | 33.5 | 19 | 10    |
| 50030 00 N13 | 10   | 1/2 | 15  | 39   | 24 | 10    |
| 50030 00 N14 | 12   | 3/8 | 12  | 36   | 21 | 10    |
| 50030 00 N15 | 12   | 1/2 | 15  | 41   | 24 | 10    |

## 50040N

### RACCORDO DIRITTO INTERMEDIO

STRAIGHT CONNECTOR  
 VERBINDUNGSVERSCHRAUBUNG  
 RACCORD UNION DOUBLE  
 RACOR RECTO INTERMEDIO  
 CONEXÃO RETA TUBO-TUBO

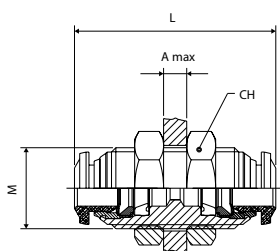


| Code         | Tube | Tube | L    | B    | Pack |
|--------------|------|------|------|------|------|
| 50040 00 N09 | 3    |      | 26   | 8.5  | 10   |
| 50040 00 N01 | 4    |      | 30.5 | 10.5 | 10   |
| 50040 00 N08 | 5    |      | 33   | 11.5 | 10   |
| 50040 00 N02 | 6    | 4    | 32   | 12.5 | 10   |
| 50040 00 N03 | 6    |      | 34   | 12.5 | 10   |
| 50040 00 N04 | 8    | 6    | 35   | 14.5 | 10   |
| 50040 00 N05 | 8    |      | 36   | 14.5 | 10   |
| 50040 00 N11 | 10   | 8    | 40.5 | 17.5 | 10   |
| 50040 00 N06 | 10   |      | 42   | 17.5 | 10   |
| 50040 00 N12 | 12   | 10   | 45.5 | 20.5 | 10   |
| 50040 00 N07 | 12   |      | 47   | 20.5 | 10   |
| 50040 00 N10 | 14   |      | 49   | 21.5 | 10   |

## 50050N

### RACCORDO DIRITTO INTERMEDIO DI ATTRAVERSAMENTO

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

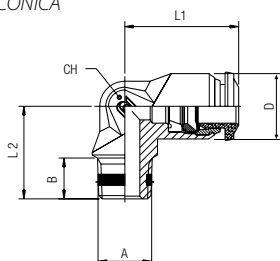


| Code         | Tube | M     | L    | CH | A max | Pack. |
|--------------|------|-------|------|----|-------|-------|
| 50050 00 N07 | 3    | M10x1 | 26   | 14 | 5     | 10    |
| 50050 00 N01 | 4    | M12x1 | 31.5 | 17 | 7     | 10    |
| 50050 00 N06 | 5    | M14x1 | 33   | 17 | 7     | 10    |
| 50050 00 N02 | 6    | M14x1 | 35   | 17 | 9.5   | 10    |
| 50050 00 N03 | 8    | M16x1 | 37   | 19 | 10.5  | 10    |
| 50050 00 N04 | 10   | M20x1 | 43   | 24 | 12.5  | 10    |
| 50050 00 N05 | 12   | M22x1 | 48   | 26 | 16.5  | 10    |
| 50050 00 N08 | 14   | M23x1 | 49   | 27 | 16.5  | 10    |

## 50100N

### RACCORDO A L MASCHIO CONICO

ELBOW MALE ADAPTOR (TAPER)  
 WINKELVERSCHRAUBUNG KONISCH (NICHT DREHBAR)  
 EQUERRE NON ORIENTABLE MÂLE, CONIQUE  
 RACOR A L MACHO CÔNICO  
 CONEXÃO MACHO EM "L" COM ROSCA CÔNICA



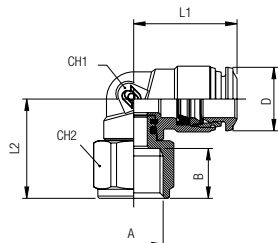
| Code         | Tube | A   | B    | L1   | L2   | CH | D    | Pack. |
|--------------|------|-----|------|------|------|----|------|-------|
| 50100 00 N01 | 4    | M5  | 5    | 17   | 15   | 9  | 10   | 10    |
| 50100 00 N02 | 4    | 1/8 | 7.5  | 17   | 15.5 | 9  | 10   | 10    |
| 50100 00 N10 | 5    | M5  | 5    | 20   | 17   | 11 | 12.5 | 10    |
| 50100 00 N11 | 5    | 1/8 | 7.5  | 20   | 17.5 | 11 | 12.5 | 10    |
| 50100 00 N03 | 6    | 1/8 | 7.5  | 21   | 17.5 | 11 | 12.5 | 10    |
| 50100 00 N12 | 6    | 1/4 | 11   | 21   | 21.5 | 11 | 12.5 | 10    |
| 50100 00 N04 | 8    | 1/8 | 7.5  | 22.5 | 19   | 13 | 14   | 10    |
| 50100 00 N05 | 8    | 1/4 | 11   | 22.5 | 21.5 | 13 | 14   | 10    |
| 50100 00 N06 | 10   | 1/4 | 11   | 26.5 | 24.5 | 16 | 17   | 10    |
| 50100 00 N07 | 10   | 3/8 | 11.5 | 26.5 | 24   | 16 | 17   | 10    |
| 50100 00 N08 | 12   | 1/4 | 11   | 30.5 | 28   | 19 | 21.5 | 10    |
| 50100 00 N09 | 12   | 3/8 | 11.5 | 30.5 | 28   | 19 | 21.5 | 10    |



## 50106N

### 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

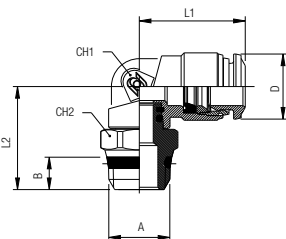


| Code         | Tube | A   | B   | L1   | L2   | CH1 | CH2 | D    | Pack. |
|--------------|------|-----|-----|------|------|-----|-----|------|-------|
| 50106 00 N01 | 4    | 1/8 | 8.5 | 18   | 19   | 9   | 13  | 10   | 10    |
| 50106 00 N02 | 4    | 1/4 | 11  | 18   | 21.5 | 9   | 16  | 10   | 10    |
| 50106 00 N03 | 6    | 1/8 | 8.5 | 21   | 20.5 | 11  | 13  | 12.5 | 10    |
| 50106 00 N04 | 6    | 1/4 | 11  | 21   | 23   | 11  | 16  | 12.5 | 10    |
| 50106 00 N05 | 8    | 1/8 | 8.5 | 22.5 | 22   | 12  | 13  | 14.5 | 10    |
| 50106 00 N06 | 8    | 1/4 | 11  | 22.5 | 24.5 | 12  | 16  | 14.5 | 10    |
| 50106 00 N07 | 8    | 3/8 | 12  | 22.5 | 24.5 | 12  | 13  | 14.5 | 10    |

## 50111N

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

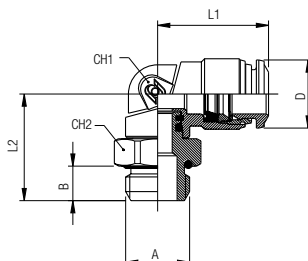


| Code         | Tube | A   | B   | L1   | L2   | CH | CH2 | D    | Pack. |
|--------------|------|-----|-----|------|------|----|-----|------|-------|
| 50111 00 N01 | 4    | 1/8 | 5.5 | 18   | 19.5 | 9  | 13  | 10   | 10    |
| 50111 00 N02 | 4    | 1/4 | 7   | 18   | 21   | 9  | 15  | 10   | 10    |
| 50111 00 N03 | 5    | 1/8 | 5.5 | 20   | 21.5 | 11 | 13  | 12.5 | 10    |
| 50111 00 N04 | 6    | 1/8 | 5.5 | 21   | 21.5 | 11 | 13  | 12.5 | 10    |
| 50111 00 N05 | 6    | 1/4 | 7   | 21   | 23   | 11 | 15  | 12.5 | 10    |
| 50111 00 N06 | 8    | 1/8 | 5.5 | 22.5 | 24   | 12 | 13  | 14.5 | 10    |
| 50111 00 N07 | 8    | 1/4 | 7   | 22.5 | 24   | 12 | 15  | 14.5 | 10    |
| 50111 00 N08 | 8    | 3/8 | 7.5 | 22.5 | 24.5 | 12 | 17  | 14.5 | 10    |
| 50111 00 N09 | 8    | 1/2 | 9   | 22.5 | 27   | 12 | 21  | 14.5 | 10    |
| 50111 00 N10 | 10   | 1/4 | 7   | 26.5 | 26.5 | 14 | 16  | 17.5 | 10    |
| 50111 00 N11 | 10   | 3/8 | 7.5 | 26.5 | 24.5 | 14 | 17  | 17.5 | 10    |
| 50111 00 N12 | 10   | 1/2 | 9   | 26.5 | 27   | 14 | 21  | 17.5 | 10    |
| 50111 00 N13 | 12   | 3/8 | 7.5 | 31.5 | 26.5 | 16 | 20  | 21.5 | 10    |
| 50111 00 N14 | 12   | 1/2 | 9   | 31.5 | 29   | 16 | 21  | 21.5 | 10    |
| 50111 00 N15 | 14   | 3/8 | 7.5 | 31.5 | 27   | 16 | 20  | 21.5 | 10    |
| 50111 00 N16 | 14   | 1/2 | 9   | 31.5 | 29.5 | 16 | 21  | 21.5 | 10    |

## 50116N

### 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

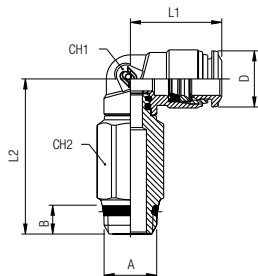


| Code         | Tube | A        | B   | L1   | L2   | CH1 | CH2 | D    | Pack. |
|--------------|------|----------|-----|------|------|-----|-----|------|-------|
| 50116 00 N01 | 3    | M5       | 3.5 | 16.5 | 17.5 | 9   | 8   | 10   | 10    |
| 50116 00 N02 | 4    | M5       | 3.5 | 18   | 17.5 | 9   | 8   | 10   | 10    |
| 50116 00 N03 | 4    | 1/8      | 5.5 | 18   | 18   | 9   | 13  | 10   | 10    |
| 50116 00 N04 | 4    | 1/4      | 7   | 18   | 18   | 9   | 16  | 10   | 10    |
| 50116 00 N05 | 5    | M5       | 3.5 | 20   | 20   | 11  | 11  | 12.5 | 10    |
| 50116 00 N06 | 5    | 1/8      | 5.5 | 20   | 20   | 11  | 13  | 12.5 | 10    |
| 50116 00 N07 | 6    | M5       | 3.5 | 21   | 20   | 11  | 11  | 12.5 | 10    |
| 50116 00 N08 | 6    | 1/8      | 5.5 | 21   | 20   | 11  | 13  | 12.5 | 10    |
| 50116 00 N09 | 6    | 1/4      | 7   | 21   | 21.5 | 11  | 16  | 12.5 | 10    |
| 50116 00 N10 | 8    | 1/8      | 5.5 | 22.5 | 22.5 | 12  | 13  | 14.5 | 10    |
| 50116 00 N11 | 8    | 1/4      | 7   | 22.5 | 23   | 12  | 16  | 14.5 | 10    |
| 50116 00 N12 | 8    | 3/8      | 8   | 22.5 | 25   | 12  | 20  | 14.5 | 10    |
| 50116 00 N13 | 8    | 1/2      | 9.5 | 22.5 | 26.5 | 12  | 25  | 14.5 | 10    |
| 50116 00 N14 | 10   | 1/4      | 7   | 26.5 | 25.5 | 14  | 16  | 17.5 | 10    |
| 50116 00 N15 | 10   | 3/8      | 8   | 26.5 | 25   | 14  | 20  | 17.5 | 10    |
| 50116 00 N16 | 10   | 1/2      | 9.5 | 26.5 | 26.5 | 14  | 25  | 17.5 | 10    |
| 50116 00 N25 | 12   | 1/4      | 8   | 31.5 | 27.5 | 16  | 20  | 21.5 | 10    |
| 50116 00 N17 | 12   | 3/8      | 8   | 31.5 | 27   | 16  | 20  | 21.5 | 10    |
| 50116 00 N18 | 12   | 1/2      | 9.5 | 31.5 | 28.5 | 16  | 25  | 21.5 | 10    |
| 50116 00 N19 | 14   | 3/8      | 8   | 31.5 | 27.5 | 16  | 20  | 21.5 | 10    |
| 50116 00 N20 | 14   | 1/2      | 9.5 | 31.5 | 29   | 16  | 25  | 21.5 | 10    |
| 50116 00 N21 | 6    | M12x1    | 7.5 | 20   | 22   | 11  | 16  | 12.5 | 10    |
| 50116 00 N22 | 6    | M12x1.25 | 7.5 | 20   | 22   | 11  | 16  | 12.5 | 10    |
| 50116 00 N23 | 6    | M12x1.5  | 7.5 | 20   | 22   | 11  | 16  | 12.5 | 10    |
| 50116 00 N24 | 8    | M12x1.5  | 7.5 | 22.5 | 23.5 | 12  | 16  | 14.5 | 10    |

## 50121N

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

EXTENDED ORIENTING ELBOW MALE ADAPTOR "UNIVERSAL SHORT"  
 VERLÄNGERTE WINKELVERSCHRAUBUNG KONISCH (DREHBAR) "UNIVERSAL SHORT"  
 EQUERRE PROLONGÉE ORIENTABLE MÂLE, CONIQUE "UNIVERSAL SHORT"  
 RACOR A L ORIENTABLE PROLONGADO MACHO CÓNICO "UNIVERSAL SHORT"  
 CONEXÃO EM "L" PROLONGADO ORIENTÁVEL COM ROSCA MACHO "UNIVERSAL SHORT"

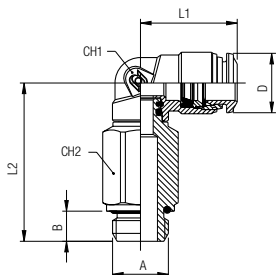


| Code         | Tube | A   | B   | L1   | L2   | CH1 | CH2 | D    | Pack. |
|--------------|------|-----|-----|------|------|-----|-----|------|-------|
| 50121 00 N01 | 4    | 1/8 | 5.5 | 18   | 31.5 | 9   | 12  | 10   | 10    |
| 50121 00 N02 | 4    | 1/4 | 7   | 18   | 33   | 9   | 15  | 10   | 10    |
| 50121 00 N03 | 5    | 1/8 | 5.5 | 20   | 36   | 11  | 12  | 12.5 | 10    |
| 50121 00 N04 | 6    | 1/8 | 5.5 | 21   | 36   | 11  | 12  | 12.5 | 10    |
| 50121 00 N05 | 6    | 1/4 | 7   | 21   | 37.5 | 11  | 15  | 12.5 | 10    |
| 50121 00 N06 | 8    | 1/8 | 5.5 | 22.5 | 40.5 | 12  | 12  | 14.5 | 10    |
| 50121 00 N07 | 8    | 1/4 | 7   | 22.5 | 40.5 | 12  | 15  | 14.5 | 10    |
| 50121 00 N08 | 8    | 3/8 | 7.5 | 22.5 | 41   | 12  | 16  | 14.5 | 10    |
| 50121 00 N09 | 10   | 1/4 | 7   | 26.5 | 46   | 14  | 15  | 17.5 | 10    |
| 50121 00 N10 | 10   | 3/8 | 7.5 | 26.5 | 44   | 14  | 17  | 17.5 | 10    |

## 50126N

### 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 EM "L" PROLONGADO ORIENTÁVEL COM ROSCA MACHO PARALELA

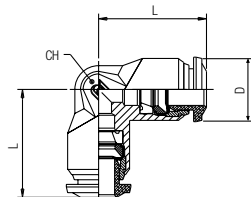


| Code         | Tube | A   | B   | L1   | L2   | CH1 | CH2 | D    | Pack. |
|--------------|------|-----|-----|------|------|-----|-----|------|-------|
| 50126 00 N01 | 4    | 1/8 | 5.5 | 18   | 30   | 9   | 12  | 10   | 10    |
| 50126 00 N02 | 4    | 1/4 | 7   | 18   | 32   | 9   | 15  | 10   | 10    |
| 50126 00 N03 | 5    | 1/8 | 5.5 | 20   | 34.5 | 11  | 12  | 12.5 | 10    |
| 50126 00 N04 | 6    | 1/8 | 5.5 | 21   | 34.5 | 11  | 12  | 12.5 | 10    |
| 50126 00 N05 | 6    | 1/4 | 7   | 21   | 36   | 11  | 15  | 12.5 | 10    |
| 50126 00 N06 | 8    | 1/8 | 5   | 23   | 39   | 12  | 12  | 14.5 | 10    |
| 50126 00 N07 | 8    | 1/4 | 7   | 22.5 | 39.5 | 12  | 15  | 14.5 | 10    |
| 50126 00 N08 | 8    | 3/8 | 8   | 22.5 | 41.5 | 12  | 18  | 14.5 | 10    |
| 50126 00 N09 | 10   | 1/4 | 7   | 26.5 | 45   | 14  | 16  | 17.5 | 10    |
| 50126 00 N10 | 10   | 3/8 | 8   | 26.5 | 44.5 | 14  | 18  | 17.5 | 10    |

## 50130N

### RACCORDO A L INTERMEDIO

ELBOW CONNECTOR  
 WINKELVERSCHRAUBUNG  
 RACCORD EQUERRE  
 RACOR A L INTERMEDIO  
 CONEXÃO EM "L" TUBO-TUBO

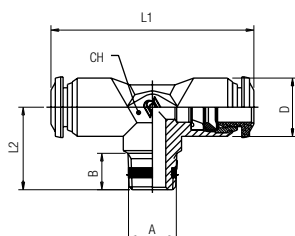


| Code         | Tube | L    | CH | D    | Pack. |
|--------------|------|------|----|------|-------|
| 50130 00 N07 | 3    | 17   | 9  | 10   | 10    |
| 50130 00 N01 | 4    | 17   | 9  | 10   | 10    |
| 50130 00 N06 | 5    | 20   | 11 | 12.5 | 10    |
| 50130 00 N02 | 6    | 21   | 11 | 12.5 | 10    |
| 50130 00 N03 | 8    | 22.5 | 13 | 14   | 10    |
| 50130 00 N04 | 10   | 26.5 | 16 | 17   | 10    |
| 50130 00 N05 | 12   | 30.5 | 19 | 21.5 | 10    |
| 50130 00 N08 | 14   | 32.5 | 19 | 21.5 | 10    |

## 50200N

### RACCORDO A T MASCHIO CONICO

TEE MALE ADAPTOR (TAPER) - CENTRE LEG  
 T-EINSCHRAUBVERSCHRAUBUNG KONISCH (NICHT DREHBAR)  
 TÉ NON ORIENTABLE À PIQUAGE MÂLE CENTRAL, CONIQUE  
 RACOR A T MACHO CENTRAL CÓNICO  
 CONEXÃO EM "T" CENTRAL COM ROSCA MACHO CÔNICA

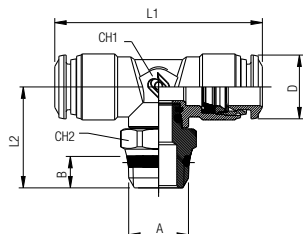


| Code         | Tube | A   | B    | L1 | L2   | CH | D    | Pack. |
|--------------|------|-----|------|----|------|----|------|-------|
| 50200 00 N01 | 4    | M5  | 5    | 34 | 15   | 9  | 10   | 10    |
| 50200 00 N02 | 4    | 1/8 | 7.5  | 34 | 15.5 | 9  | 10   | 10    |
| 50200 00 N10 | 5    | 1/8 | 7.5  | 40 | 17.5 | 11 | 12.5 | 10    |
| 50200 00 N03 | 6    | 1/8 | 7.5  | 42 | 17.5 | 11 | 12.5 | 10    |
| 50200 00 N04 | 8    | 1/8 | 7.5  | 45 | 19   | 13 | 14   | 10    |
| 50200 00 N05 | 8    | 1/4 | 11   | 45 | 21.5 | 13 | 14   | 10    |
| 50200 00 N06 | 10   | 1/4 | 11   | 53 | 24.5 | 16 | 17   | 10    |
| 50200 00 N07 | 10   | 3/8 | 11.5 | 53 | 24   | 16 | 17   | 10    |
| 50200 00 N08 | 12   | 1/4 | 11   | 61 | 28   | 19 | 21.5 | 10    |
| 50200 00 N09 | 12   | 3/8 | 11.5 | 61 | 28   | 19 | 21.5 | 10    |

## 50211N

### 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"

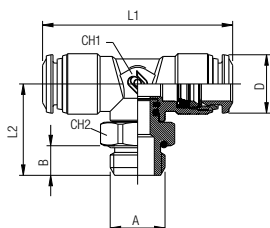


| Code         | Tube | A   | B   | L1   | L2   | CH1 | CH2 | D    | Pack. |
|--------------|------|-----|-----|------|------|-----|-----|------|-------|
| 50211 00 N01 | 4    | 1/8 | 5.5 | 34   | 20   | 9   | 13  | 10   | 10    |
| 50211 00 N02 | 4    | 1/4 | 7   | 34   | 21.5 | 9   | 15  | 10   | 10    |
| 50211 00 N03 | 5    | 1/8 | 5.5 | 40   | 22   | 11  | 13  | 12.5 | 10    |
| 50211 00 N04 | 6    | 1/8 | 5.5 | 42   | 22   | 11  | 13  | 12.5 | 10    |
| 50211 00 N05 | 6    | 1/4 | 7   | 42   | 23.5 | 11  | 15  | 12.5 | 10    |
| 50211 00 N06 | 8    | 1/8 | 5.5 | 45   | 25.5 | 13  | 13  | 14.5 | 10    |
| 50211 00 N07 | 8    | 1/4 | 7   | 45   | 25.5 | 13  | 15  | 14.5 | 10    |
| 50211 00 N08 | 8    | 3/8 | 7.5 | 45   | 26   | 13  | 17  | 14.5 | 10    |
| 50211 00 N09 | 8    | 1/2 | 9   | 45   | 28.5 | 13  | 21  | 14.5 | 10    |
| 50211 00 N10 | 10   | 1/4 | 7   | 53   | 29   | 14  | 16  | 17.5 | 10    |
| 50211 00 N11 | 10   | 3/8 | 7.5 | 53   | 27   | 14  | 17  | 17.5 | 10    |
| 50211 00 N12 | 10   | 1/2 | 9   | 53   | 29.5 | 14  | 21  | 17.5 | 10    |
| 50211 00 N13 | 12   | 3/8 | 7.5 | 62.6 | 29.5 | 16  | 20  | 21.5 | 10    |
| 50211 00 N14 | 12   | 1/2 | 9   | 62.6 | 32   | 16  | 21  | 21.5 | 10    |
| 50211 00 N15 | 14   | 3/8 | 7.5 | 62.6 | 29.5 | 16  | 20  | 21.5 | 10    |
| 50211 00 N16 | 14   | 1/2 | 9   | 62.6 | 32   | 16  | 21  | 21.5 | 10    |

## 50216N

### 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 EM "T" CENTRAL ORIENTÁVEL COM ROSCA MACHO PARALELA

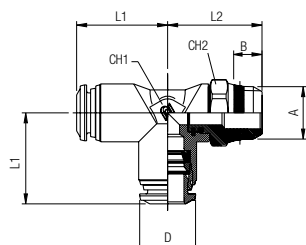


| Code         | Tube | A        | B   | L1   | L2   | CH1 | CH2 | D    | Pack. |
|--------------|------|----------|-----|------|------|-----|-----|------|-------|
| 50216 00 N01 | 3    | M5       | 3.5 | 33   | 17   | 9   | 8   | 10   | 10    |
| 50216 00 N02 | 4    | M5       | 3.5 | 34   | 18   | 9   | 8   | 10   | 10    |
| 50216 00 N03 | 4    | 1/8      | 5.5 | 34   | 18.5 | 9   | 13  | 10   | 10    |
| 50216 00 N04 | 4    | 1/4      | 7   | 34   | 20   | 9   | 16  | 10   | 10    |
| 50216 00 N05 | 5    | M5       | 3.5 | 40   | 20.5 | 11  | 11  | 12.5 | 10    |
| 50216 00 N06 | 5    | 1/8      | 5.5 | 40   | 20.5 | 11  | 13  | 12.5 | 10    |
| 50216 00 N07 | 6    | M5       | 3.5 | 42   | 20.5 | 11  | 11  | 12.5 | 10    |
| 50216 00 N08 | 6    | 1/8      | 5.5 | 42   | 20.5 | 11  | 13  | 12.5 | 10    |
| 50216 00 N09 | 6    | 1/4      | 7   | 42   | 22   | 11  | 16  | 12.5 | 10    |
| 50216 00 N10 | 8    | 1/8      | 5.5 | 45   | 23.5 | 13  | 13  | 14.5 | 10    |
| 50216 00 N11 | 8    | 1/4      | 7   | 45   | 24   | 13  | 16  | 14.5 | 10    |
| 50216 00 N12 | 8    | 3/8      | 8   | 45   | 26   | 13  | 20  | 14.5 | 10    |
| 50216 00 N13 | 8    | 1/2      | 9.5 | 45   | 27.5 | 13  | 25  | 14.5 | 10    |
| 50216 00 N14 | 10   | 1/4      | 7   | 53   | 27.5 | 14  | 16  | 17.5 | 10    |
| 50216 00 N15 | 10   | 3/8      | 8   | 53   | 27   | 14  | 20  | 17.5 | 10    |
| 50216 00 N16 | 10   | 1/2      | 9.5 | 53   | 28.5 | 14  | 25  | 17.5 | 10    |
| 50216 00 N17 | 12   | 3/8      | 8   | 62.5 | 29.5 | 16  | 20  | 21.5 | 10    |
| 50216 00 N18 | 12   | 1/2      | 9.5 | 62.5 | 31   | 16  | 25  | 21.5 | 10    |
| 50216 00 N19 | 14   | 3/8      | 8   | 62.5 | 29.5 | 16  | 20  | 21.5 | 10    |
| 50216 00 N20 | 14   | 1/2      | 9.5 | 62.5 | 31   | 16  | 25  | 21.5 | 10    |
| 50216 00 N21 | 6    | M12x1    | 7.5 | 42   | 22   | 11  | 16  | 12.5 | 10    |
| 50216 00 N22 | 6    | M12x1.25 | 7.5 | 42   | 22   | 11  | 16  | 12.5 | 10    |
| 50216 00 N23 | 6    | M12x1.5  | 7.5 | 42   | 22   | 11  | 16  | 12.5 | 10    |

## 50223N

### 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. |
|--------------|------|-----|-----|------|------|-----|-----|------|-------|
| 50223 00 N01 | 4    | 1/8 | 5.5 | 17   | 20   | 9   | 13  | 10   | 10    |
| 50223 00 N02 | 4    | 1/4 | 7   | 17   | 21.5 | 9   | 15  | 10   | 10    |
| 50223 00 N03 | 5    | 1/8 | 5.5 | 20   | 22   | 11  | 13  | 12.5 | 10    |
| 50223 00 N04 | 6    | 1/8 | 5.5 | 21   | 22   | 11  | 13  | 12.5 | 10    |
| 50223 00 N05 | 6    | 1/4 | 7   | 21   | 23.5 | 11  | 15  | 12.5 | 10    |
| 50223 00 N06 | 8    | 1/8 | 5.5 | 22.5 | 25   | 13  | 13  | 14.5 | 10    |
| 50223 00 N07 | 8    | 1/4 | 7   | 22.5 | 25   | 13  | 15  | 14.5 | 10    |
| 50223 00 N08 | 8    | 3/8 | 7.5 | 22.5 | 28   | 13  | 17  | 14.5 | 10    |
| 50223 00 N09 | 8    | 1/2 | 9   | 22.5 | 28   | 13  | 21  | 14.5 | 10    |
| 50223 00 N10 | 10   | 1/4 | 7   | 26.5 | 26   | 14  | 16  | 17.5 | 10    |
| 50223 00 N11 | 10   | 3/8 | 7.5 | 26.5 | 26   | 14  | 17  | 17.5 | 10    |
| 50223 00 N12 | 10   | 1/2 | 9   | 26.5 | 28.5 | 14  | 21  | 17.5 | 10    |
| 50223 00 N13 | 12   | 3/8 | 7.5 | 31.5 | 29.5 | 16  | 20  | 21.5 | 10    |
| 50223 00 N14 | 12   | 1/2 | 9   | 31.5 | 32   | 16  | 21  | 21.5 | 10    |

## 50226N

### RACCORDO A T ORIENTABILE MASCHIO LATERALE CILINDRICO

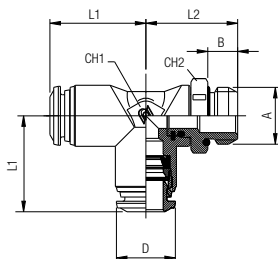
ORIENTING TEE MALE ADAPTOR (PARALLEL) OFF - SET LEG

L-EINSCHRAUBVERSCHRAUBUNG ZYLINDRISCH (DREHBAR)

TÉ ORIENTABLE À PIQUAGE LATÉRAL, CYLINDRIQUE

RACOR A T ORIENTABLE MACHO LATERAL CILÍNDRICO CON TÓRICA

CONEXÃO EM "T" LATERAL ORIENTÁVEL COM ROSCA MACHO PARALELA



| Code         | Tube | A        | B   | L1   | L2   | CH1 | CH2 | D    | Pack. |
|--------------|------|----------|-----|------|------|-----|-----|------|-------|
| 50226 00 N01 | 3    | M5       | 3.5 | 16.5 | 17   | 9   | 8   | 10   | 10    |
| 50226 00 N02 | 4    | M5       | 3.5 | 17   | 18   | 9   | 8   | 10   | 10    |
| 50226 00 N03 | 4    | 1/8      | 5.5 | 17   | 18.5 | 9   | 13  | 10   | 10    |
| 50226 00 N04 | 4    | 1/4      | 7   | 17   | 20   | 9   | 16  | 10   | 10    |
| 50226 00 N05 | 5    | M5       | 3.5 | 20   | 20.5 | 11  | 11  | 12.5 | 10    |
| 50226 00 N06 | 5    | 1/8      | 5.5 | 20   | 20.5 | 11  | 13  | 12.5 | 10    |
| 50226 00 N07 | 6    | M5       | 3.5 | 21   | 20.5 | 11  | 11  | 12.5 | 10    |
| 50226 00 N08 | 6    | 1/8      | 5.5 | 21   | 20.5 | 11  | 13  | 12.5 | 10    |
| 50226 00 N09 | 6    | 1/4      | 7   | 21   | 22   | 11  | 16  | 12.5 | 10    |
| 50226 00 N10 | 8    | 1/8      | 5.5 | 22.5 | 22.5 | 13  | 13  | 14.5 | 10    |
| 50226 00 N11 | 8    | 1/4      | 7   | 22.5 | 24   | 13  | 16  | 14.5 | 10    |
| 50226 00 N12 | 8    | 3/8      | 8   | 22.5 | 26   | 13  | 20  | 14.5 | 10    |
| 50226 00 N13 | 8    | 1/2      | 9.5 | 22.5 | 27.5 | 13  | 25  | 14.5 | 10    |
| 50226 00 N14 | 10   | 1/4      | 7   | 26.5 | 27   | 14  | 16  | 17.5 | 10    |
| 50226 00 N15 | 10   | 3/8      | 8   | 26.5 | 26.5 | 14  | 20  | 17.5 | 10    |
| 50226 00 N16 | 10   | 1/2      | 9.5 | 26.5 | 28   | 14  | 25  | 17.5 | 10    |
| 50226 00 N17 | 12   | 3/8      | 8   | 31.5 | 29.5 | 16  | 20  | 21.5 | 10    |
| 50226 00 N18 | 12   | 1/2      | 9.5 | 31.5 | 31   | 16  | 25  | 21.5 | 10    |
| 50226 00 N21 | 6    | M12x1    | 7.5 | 21   | 22   | 11  | 16  | 12.5 | 10    |
| 50226 00 N22 | 6    | M12x1.25 | 7.5 | 21   | 22   | 11  | 16  | 12.5 | 10    |
| 50226 00 N23 | 6    | M12x1.5  | 7.5 | 21   | 22   | 11  | 16  | 12.5 | 10    |

## 50230N

### RACCORDO A T INTERMEDIO

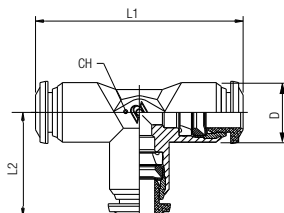
TEE CONNECTOR

T-ANSCHLUSS

RACCORD TÉ

RACOR A T INTERMEDIO

CONEXÃO EM "T" TUBO-TUBO



| Code         | Tube | L1   | L2   | CH | D    | Pack. |
|--------------|------|------|------|----|------|-------|
| 50230 00 N07 | 3    | 34   | 17   | 9  | 10   | 10    |
| 50230 00 N01 | 4    | 34   | 17   | 9  | 10   | 10    |
| 50230 00 N06 | 5    | 40   | 20   | 11 | 12.5 | 10    |
| 50230 00 N02 | 6    | 42   | 21   | 11 | 12.5 | 10    |
| 50230 00 N03 | 8    | 45   | 22.5 | 13 | 14   | 10    |
| 50230 00 N04 | 10   | 53   | 26.5 | 16 | 17   | 10    |
| 50230 00 N05 | 12   | 61   | 30.5 | 19 | 21.5 | 10    |
| 50230 00 N08 | 14   | 65.5 | 32.5 | 19 | 21.5 | 10    |

## 50310N

### RACCORDO A Y INTERMEDIO

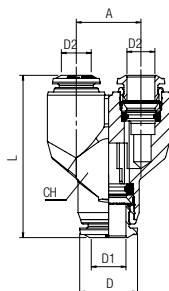
Y CONNECTOR

Y-ANSCHLUSS

RACCORD Y SIMPLE

RACOR A Y INTERMEDIO

CONEXÃO EM "Y" TUBO-TUBO

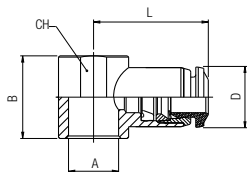


| Code         | Tube | A    | L    | CH | D    | Pack. |
|--------------|------|------|------|----|------|-------|
| 50310 00 N07 | 3    | 10   | 29   | 11 | 10   | 10    |
| 50310 00 N01 | 4    | 11   | 32   | 11 | 10   | 10    |
| 50310 00 N04 | 5    | 13.5 | 35   | 13 | 12.5 | 10    |
| 50310 00 N02 | 6    | 13.5 | 36.5 | 13 | 12.5 | 10    |
| 50310 00 N03 | 8    | 15.5 | 41   | 15 | 14   | 10    |
| 50310 00 N08 | 10   | 18.5 | 48   | 18 | 17   | 10    |



## 50500N

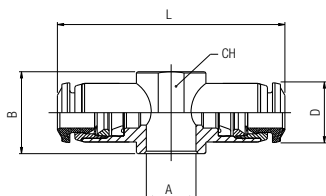
**ANELLO ORIENTABILE A L**  
 SINGLE BANJO BODY  
 RINGANSCHLUSS  
 CORPS SIMPLE POUR BANJO  
 ANILLO ORIENTABLE SIMPLE  
 ANEL ORIENTÁVEL EM "L"



| Code         | Tube | A   | B    | L    | CH | D    | Pack. |
|--------------|------|-----|------|------|----|------|-------|
| 50500 00 N19 | 3    | M5  | 12.5 | 19   | -  | 10   | 10    |
| 50500 00 N20 | 3    | M6  | 12.5 | 19   | -  | 10   | 10    |
| 50500 00 N01 | 4    | M5  | 12.5 | 19   | -  | 10   | 10    |
| 50500 00 N02 | 4    | M6  | 12.5 | 19   | -  | 10   | 10    |
| 50500 00 N03 | 4    | 1/8 | 15   | 21   | 14 | 10   | 10    |
| 50500 00 N13 | 5    | M5  | 12.5 | 20   | -  | 12.5 | 10    |
| 50500 00 N17 | 5    | M6  | 12.5 | 20   | -  | 12.5 | 10    |
| 50500 00 N14 | 5    | 1/8 | 15   | 21.5 | 14 | 12.5 | 10    |
| 50500 00 N15 | 5    | 1/4 | 17   | 24.5 | 18 | 12.5 | 10    |
| 50500 00 N16 | 6    | M5  | 12.5 | 20.5 | -  | 12.5 | 10    |
| 50500 00 N18 | 6    | M6  | 12.5 | 20.5 | -  | 12.5 | 10    |
| 50500 00 N04 | 6    | 1/8 | 15   | 22   | 14 | 12.5 | 10    |
| 50500 00 N05 | 6    | 1/4 | 17   | 25   | 18 | 12.5 | 10    |
| 50500 00 N06 | 8    | 1/8 | 15   | 24   | 14 | 14   | 10    |
| 50500 00 N07 | 8    | 1/4 | 17   | 26   | 18 | 14   | 10    |
| 50500 00 N08 | 8    | 3/8 | 20   | 28   | 21 | 14   | 10    |
| 50500 00 N09 | 10   | 1/4 | 17   | 29   | 18 | 17   | 10    |
| 50500 00 N10 | 10   | 3/8 | 20   | 30.5 | 21 | 17   | 10    |
| 50500 00 N12 | 12   | 3/8 | 20   | 32.5 | 21 | 21.5 | 10    |
| 50500 00 N21 | 12   | 1/2 | 24   | 35   | 25 | 21.5 | 10    |
| 50500 00 N22 | 14   | 1/2 | 24   | 35.5 | 25 | 21.5 | 10    |

## 50510N

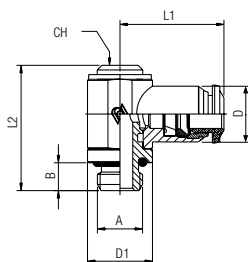
**ANELLO ORIENTABILE A T**  
 DOUBLE BANJO BODY  
 DOPPELTER RINGANSCHLUSS  
 CORPS DOUBLE POUR BANJO  
 ANILLO ORIENTABLE DOBLE  
 ANEL ORIENTÁVEL EM "T"



| Code         | Tube | A   | B    | L  | CH | D    | Pack. |
|--------------|------|-----|------|----|----|------|-------|
| 50510 00 N01 | 4    | M5  | 12.5 | 38 | -  | 10   | 10    |
| 50510 00 N02 | 4    | M6  | 12.5 | 38 | -  | 10   | 10    |
| 50510 00 N03 | 4    | 1/8 | 15   | 42 | 14 | 10   | 10    |
| 50510 00 N08 | 5    | 1/8 | 15   | 43 | 14 | 12.5 | 10    |
| 50510 00 N09 | 5    | 1/4 | 17   | 49 | 18 | 12.5 | 10    |
| 50510 00 N04 | 6    | 1/8 | 15   | 44 | 14 | 12.5 | 10    |
| 50510 00 N05 | 6    | 1/4 | 17   | 50 | 18 | 12.5 | 10    |
| 50510 00 N06 | 8    | 1/8 | 15   | 48 | 14 | 14   | 10    |
| 50510 00 N07 | 8    | 1/4 | 17   | 52 | 18 | 14   | 10    |

## 50550N

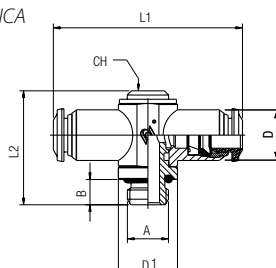
**RACCORDO ORIENTABILE A L**  
 ORIENTING SINGLE BANJO BODY MALE  
 WINKELSCHWENKVERSCHRÄUBUNG (DREHBAR)  
 EQUERRE BANJO MÂLE, ORIENTABLE  
 RACOR ORIENTABLE SIMPLE CON TÓRICA  
 CONEXÃO TIPO BANJO EM "L"



| Code         | Tube | A   | B   | L1   | L2   | CH | D1  | D    | Pack. |
|--------------|------|-----|-----|------|------|----|-----|------|-------|
| 50550 00 N01 | 4    | M5  | 3.6 | 19   | 24.5 | -  | CH8 | 10   | 10    |
| 50550 00 N02 | 4    | 1/8 | 6   | 21   | 28   | 5  | 14  | 10   | 10    |
| 50550 00 N12 | 5    | M5  | 3.6 | 20   | 24.5 | -  | CH8 | 12.5 | 10    |
| 50550 00 N13 | 5    | 1/8 | 6   | 21.5 | 28   | 5  | 14  | 12.5 | 10    |
| 50550 00 N14 | 5    | 1/4 | 8   | 24.5 | 31   | 6  | 18  | 12.5 | 10    |
| 50550 00 N15 | 6    | M5  | 3.6 | 20.5 | 24.5 | -  | CH8 | 12.5 | 10    |
| 50550 00 N03 | 6    | 1/8 | 6   | 22.5 | 28   | 5  | 14  | 12.5 | 10    |
| 50550 00 N04 | 6    | 1/4 | 8   | 25   | 31   | 6  | 18  | 12.5 | 10    |
| 50550 00 N05 | 8    | 1/8 | 6   | 24   | 28   | 5  | 14  | 14   | 10    |
| 50550 00 N06 | 8    | 1/4 | 8   | 26   | 31   | 6  | 18  | 14   | 10    |
| 50550 00 N07 | 8    | 3/8 | 9   | 28   | 35.5 | 7  | 21  | 14   | 10    |
| 50550 00 N08 | 10   | 1/4 | 8   | 29   | 31   | 6  | 18  | 17   | 10    |
| 50550 00 N09 | 10   | 3/8 | 9   | 30.5 | 35.5 | 7  | 21  | 17   | 10    |
| 50550 00 N11 | 12   | 3/8 | 9   | 32.5 | 35.5 | 7  | 21  | 21.5 | 10    |

## 50560N

**RACCORDO ORIENTABILE A T**  
 ORIENTING DOUBLE BANJO BODY MALE  
 T-SCHWENKVERSCHRÄUBUNG (DREHBAR)  
 TÊ BANJO MÂLE, ORIENTABLE  
 RACOR ORIENTABLE DOBLE CON TÓRICA  
 CONEXÃO TIPO BANJO EM "T"

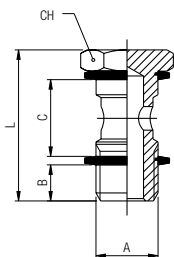


| Code         | Tube | A   | B | L1 | L2 | D1 | CH | D    | Pack. |
|--------------|------|-----|---|----|----|----|----|------|-------|
| 50560 00 N02 | 4    | 1/8 | 6 | 42 | 27 | 14 | 5  | 10   | 10    |
| 50560 00 N08 | 5    | 1/8 | 6 | 43 | 27 | 14 | 5  | 12.5 | 10    |
| 50560 00 N09 | 5    | 1/4 | 8 | 49 | 31 | 18 | 6  | 12.5 | 10    |
| 50560 00 N03 | 6    | 1/8 | 6 | 45 | 27 | 14 | 5  | 12.5 | 10    |
| 50560 00 N04 | 6    | 1/4 | 8 | 50 | 31 | 18 | 6  | 12.5 | 10    |
| 50560 00 N05 | 8    | 1/8 | 6 | 48 | 27 | 14 | 5  | 14   | 10    |
| 50560 00 N06 | 8    | 1/4 | 8 | 52 | 31 | 18 | 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 dichtringen 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.

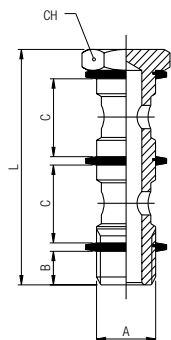
\* Con este tornillo utilizar el anillo orientable de 1/4.

\* 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 dichtringen 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.

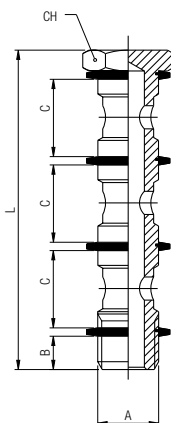
\* Con este tornillo utilizar el anillo orientable de 1/4.

\* 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 dichtringen aus PA66 (ART. 1610) Mitgeliefert.

Livré avec joints en PA66 (ART. 1610).

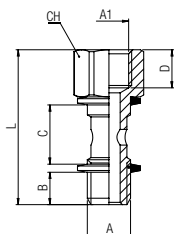
Este artículo viene completo de arandelas en nylon (ART. 1610).

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

## 51440

### VITE CAVA SINGOLA MASCHIO - FEMMINA

MALE - FEMALE BANJO STEM SINGLE  
 AUFSCHRAUBHOHLSCHRAUBE MIT INNENGEWINDE  
 VIS CREUSE TARAUDÉE POUR BANJO SIMPLE  
 TORNILLO SIMPLE MACHO - HEMBRA  
 HASTE PARA CONEXÃO BANJO COM 1 CAVIDADE MACHO - FÊMEA



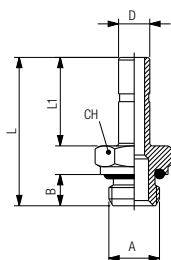
| Code         | A   | A1  | B | C  | D   | L    | CH | Pack. |
|--------------|-----|-----|---|----|-----|------|----|-------|
| 51440 00 001 | 1/8 | 1/8 | 6 | 15 | 8.5 | 34.5 | 14 | 10    |
| 51440 00 002 | 1/4 | 1/4 | 8 | 17 | 11  | 40.5 | 17 | 10    |
| 51440 00 003 | 3/8 | 3/8 | 9 | 20 | 12  | 45.5 | 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 dichtringen 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  
 EINSCHRAUBSTECKERVERSCHRÄUBUNG ZYLINDRISCH  
 ADAPTATEUR ENCLIQUETABLE MÂLE, CYLINDRIQUE  
 ADAPTADOR MACHO CILÍNDRICO CON TÓRICA  
 ADAPTADOR MACHO COM ROSCA PARALELA

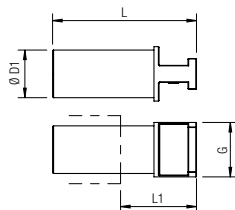


| Code         | D  | A   | B  | L    | L1   | CH | Pack. |
|--------------|----|-----|----|------|------|----|-------|
| 50600 00 001 | 4  | M5  | 4  | 24   | 15   | 8  | 10    |
| 50600 00 002 | 4  | 1/8 | 6  | 26.5 | 15   | 13 | 10    |
| 50600 00 012 | 5  | M5  | 4  | 26   | 17   | 8  | 10    |
| 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    |

## 50610

### TAPPO IN POLIAMIDE

POLYAMIDE PLUG  
 VERSCHLUSSZAPFEN POLYAMID  
 BOUCHON EN POLYAMIDE  
 TAPÓN EN POLIAMIDA  
 TAMPÃO EM POLIAMIDA

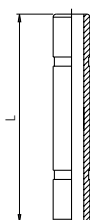


| Code              | ØD1 | G  | L    | L1   | Pack. |
|-------------------|-----|----|------|------|-------|
| 50610 00 31 X0 RO | 3   | 5  | 30.5 | 18   | 10    |
| 50610 00 31 X1 RO | 4   | 6  | 29.5 | 15.5 | 10    |
| 50610 00 31 X3 RO | 5   | 7  | 33.5 | 18   | 10    |
| 50610 00 31 X4 RO | 6   | 8  | 32   | 15.5 | 10    |
| 50610 00 31 X7 RO | 8   | 10 | 35.5 | 19.5 | 10    |
| 50610 00 31 X9 RO | 10  | 12 | 40   | 19.5 | 10    |
| 50610 00 31 Y1 RO | 12  | 14 | 41.5 | 20   | 10    |
| 50610 00 31 Y3 RO | 14  | 16 | 42   | 19.5 | 10    |

## 50625

### GIUNZIONE DOPPIA

DOUBLE JOINT  
 DOPPELSTECKER  
 JONCTION DOUBLE  
 UNIÓN DOBLE  
 JUNÇÃO DUPLA

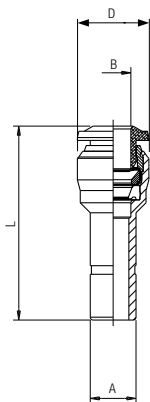


| Code              | Tube | L  | Pack. |
|-------------------|------|----|-------|
| 50625 00 01 X1 NB | 4    | 31 | 10    |
| 50625 00 01 X3 NB | 5    | 33 | 10    |
| 50625 00 01 X4 NB | 6    | 34 | 10    |
| 50625 00 01 X7 NB | 8    | 36 | 10    |
| 50625 00 01 X9 NB | 10   | 45 | 10    |
| 50625 00 01 Y1 NB | 12   | 50 | 10    |

## 50700N

### RIDUZIONE

REDUCER  
REDUZIERUNG  
RÉDUCTION ENCLIQUETABLE  
REDUCCIÓN  
REDUÇÃO

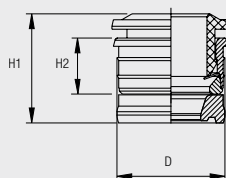


| Code         | A  | B  | L    | D    | Pack. |
|--------------|----|----|------|------|-------|
| 50700 00 N06 | 4  | 3  | 30   | 8.5  | 10    |
| 50700 00 N04 | 5  | 4  | 32   | 11.5 | 10    |
| 50700 00 N01 | 6  | 4  | 30   | 10.5 | 10    |
| 50700 00 N05 | 6  | 5  | 34.5 | 11.5 | 10    |
| 50700 00 N08 | 8  | 4  | 32.5 | 10.5 | 10    |
| 50700 00 N02 | 8  | 6  | 34.5 | 12.5 | 10    |
| 50700 00 N09 | 10 | 4  | 31.5 | 10.5 | 10    |
| 50700 00 N11 | 10 | 6  | 37.5 | 12.5 | 10    |
| 50700 00 N03 | 10 | 8  | 38.5 | 14.5 | 10    |
| 50700 00 N07 | 12 | 8  | 39.5 | 14.5 | 10    |
| 50700 00 N10 | 12 | 10 | 43   | 17.5 | 10    |

## 55800N

### CARTUCCE A COMPRESIONE

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



| Code         | Tube | D     | H1   | H2  | Pack. |
|--------------|------|-------|------|-----|-------|
| 55800 00 N08 | 3    | 6.7   | 9    | 5   | 25    |
| 55800 00 N01 | 4    | 8.7   | 11   | 5.6 | 25    |
| 55800 00 N02 | 5    | 9.75  | 11.8 | 6.3 | 25    |
| 55800 00 N03 | 6    | 10.75 | 12.4 | 6.9 | 25    |
| 55800 00 N04 | 8    | 12.7  | 12.4 | 6.9 | 25    |
| 55800 00 N05 | 10   | 15.7  | 15.7 | 8.5 | 25    |
| 55800 00 N06 | 12   | 18.3  | 17.8 | 9.5 | 25    |

Dimensioni sedi cartucce a compressione.

Seats dimensions push-fit cartridges.

Bohrungsangaben für die einpresspatronen.

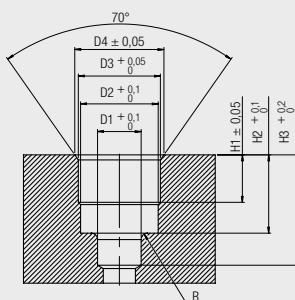
Dimensions des logements des cartouches.

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    |
|------|------|------|-------|-------|------|------|------|------|
| 3    | 3.4  | 6.05 | 6.4   | 6.95  | 3.7  | 6.1  | 8.6  | 0.5  |
| 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 PERCAGE POUR CARTOUCHE  
FRESA SEDE CARTUCHO A COMPRESIÓN  
FRESA PARA FURAÇÃO DA SEDE DO CARTUCHO DE COMPRESSÃO



| Code         | Tube | ø Body | Pack. |
|--------------|------|--------|-------|
| 55801 00 007 | 3    | 10     | 1     |
| 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  
MONTAGWERKZEUG FÜR EINPRESSPATRONEN  
OUTIL DE MONTAGE POUR CARTOUCHE  
ÚTIL DE MONTAJE CARTUCHO A COMPRESIÓN  
TUBETE PARA MONTAGEM DO CARTUCHO DE COMPRESSÃO



| Code         | Tube | Pack. |
|--------------|------|-------|
| 55802 00 001 | 3    | 1     |
| 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 COMPRESSIONE ART. 55800**  
 PUSH-FIT CARTRIDGES ASSEMBLING INSTRUCTIONS ART. 55800  
 ANLEITUNG FÜR DIE MONTAGE DER EINPRESSPATRONEN ART. 55800  
 INSTRUCTIONS 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 a labbro nell'apposita sede.**

*Insert the lip seal inside of the seat.*

*Legen sie die Lippen-dichtung in die Bohrung ein.*

*Insérer le joint à lèvres dans le logement.*

*Insertar la junta de labio 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 Montage-werkzeug 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.*



## 50900N

### RIPARTITORE IN ALLUMINIO A 5 VIE

ALUMINIUM MANIFOLD 5 WAYS

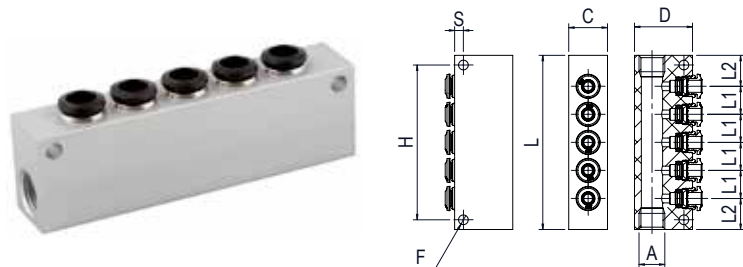
ALUMINIUM-VERTEILER MIT 5 AUSGÄNGEN

BLOQUE DE DISTRIBUTION EN ALUMINIUM (5 SORTIES)

REGLETA EN ALUMINIO A 5 VIAS

DISTRIBUIDOR EM ALUMÍNIO DE 5 VIAS

| Code         | Tube | A   | H  | F | C  | S   | D  | L   | L1   | L2   | Pack. |
|--------------|------|-----|----|---|----|-----|----|-----|------|------|-------|
| 50900 00 N01 | 4    | 1/8 | 66 | 5 | 15 | 4.5 | 25 | 75  | 12   | 13.5 | 5     |
| 50900 00 N02 | 6    | 1/8 | 80 | 5 | 15 | 4.5 | 25 | 90  | 14.5 | 16   | 5     |
| 50900 00 N03 | 6    | 1/4 | 80 | 5 | 20 | 4.5 | 30 | 90  | 14.5 | 16   | 5     |
| 50900 00 N04 | 8    | 1/4 | 90 | 5 | 20 | 4.5 | 30 | 100 | 16   | 18   | 5     |



## 50980

### CLIP DI SICUREZZA

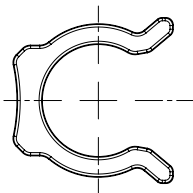
SECURITY CLIPS

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

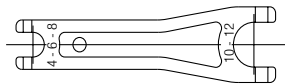
TOOL FOR DISASSEMBLING

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"

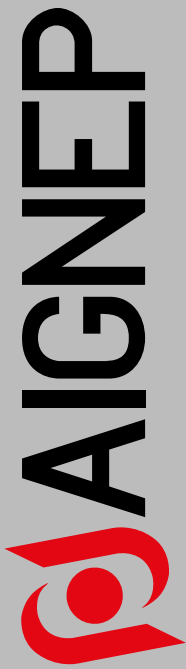
BAGUE D'ÉTANCHÉITÉ POUR FILETAGES CONIQUES "UNIVERSAL SHORT"

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    |





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Aggiornamento - Updated - Stand - Mise à jour - Actualización - Atualização: 11/2018



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