



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

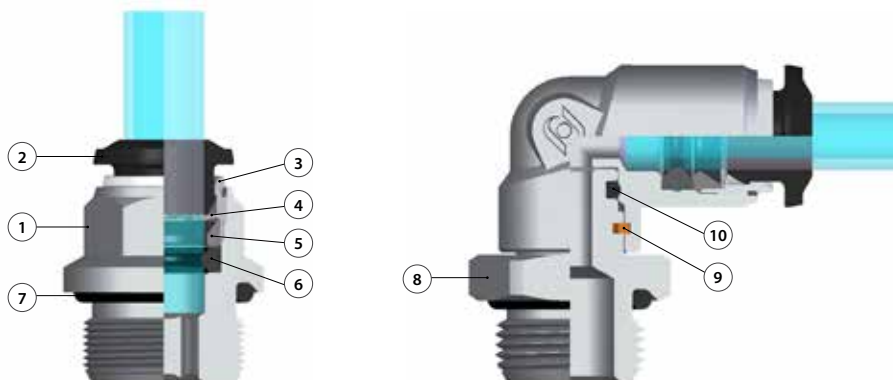
RoHS

PED

2014/68/UE

ISO
14743:2004

SILICON
FREE



| Materiali e Componenti | IT | Component Parts and Materials | GB | Komponenten und Materialien | DE |
|------------------------|-----------------------------------------------|-------------------------------|-----------------------------------|-----------------------------|---------------------------------|
| 1 | Corpo in ottone nichelato | 1 | Nickel-plated brass Body | 1 | Körper Messing vernickelt |
| 2 | Spintore sgancio tubo in resina acetatica | 2 | Acetatic resin Collet | 2 | Rohr Lösering Acetal |
| 3 | Capsula in ottone nichelato | 3 | Nickel-plated brass Capsule | 3 | Haltering Messing vernickelt |
| 4 | Pinza d'aggraffaggio in acciaio inox AISI 301 | 4 | Steel AISI 301 Clamping washer | 4 | Zahnscheibe Edelstahl AISI 301 |
| 5 | Anello di posizionamento in tecnopolimero | 5 | Technopolymeric positioning ring | 5 | Positioniererring Technopolymer |
| 6 | Guarnizione sagomata in NBR | 6 | NBR Molded seal | 6 | Lippendichtung nbr |
| 7 | Guarnizione filetto in NBR | 7 | NBR Thread packing | 7 | Gewindeabdichtung nbr |
| 8 | Basetta Filettata in Ottone Nichelato | 8 | Base Threaded Nickel Plated Brass | 8 | Gewindebasis Messing vernickelt |
| 9 | Seeger | 9 | Seeger | 9 | Seeger |
| 10 | Guarnizione in NBR | 10 | NBR seal | 10 | Lippendichtung NBR |

| Matériaux et Composants | FR | Materiales y Componentes | ES | Materiais e Componentes | PT |
|-------------------------|------------------------------------------|--------------------------|-----------------------------------------------|-------------------------|-------------------------------------------------|
| 1 | Corps: Laiton nickelé | 1 | Cuerpo en latón niquelado | 1 | Corpo em latão niquelado |
| 2 | Poussoir: Résine acétal | 2 | Anillo de extracción tubo en resina acetálica | 2 | Anilha de liberação do tubo em resina acetálica |
| 3 | Capsule de retenue: Laiton nickelé | 3 | Cápsula en latón niquelado | 3 | Cápsula de latão niquelado |
| 4 | Rondelle d'accrochage: AISI 301 | 4 | Pinza de agarre en acero inox AISI 301 | 4 | Pinça de travamento em aço-inox AISI 301 |
| 5 | Anneau de positionnement: Technopolymère | 5 | Anillo de posicionamiento en tecnopolimero | 5 | Anel de posicionamento em tecnopolimero |
| 6 | Joint à lèvres: NBR | 6 | Junta de forma en NBR | 6 | Vedação em NBR |
| 7 | Joint d'étanchéité du filetage: NBR | 7 | Junta rosca en NBR | 7 | Vedação da rosca em NBR |
| 8 | Bague de sécurité en laiton nickelé | 8 | Base roscada en latón niquelado | 8 | Base roscada em latão niquelado |
| 9 | Seeger | 9 | Seeger | 9 | Seeger |
| 10 | Joint en NBR | 10 | Junta en NBR | 10 | Vedação em NBR |



Pressioni

Pressures

Druckbereich

Pressions

Presiones

Pressões

- 0.99 bar (-0.099 MPa)

20 bar (2.0 MPa)



Temperature

Temperatures

Temperatur

Temperatures

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

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Казахстан (772)734-952-31

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Таджикистан (992)427-82-92-69

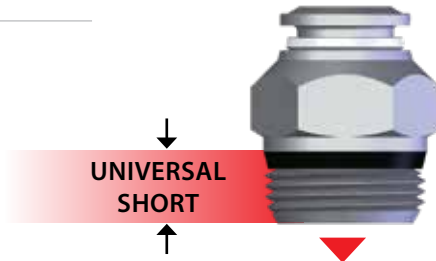
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93



| | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Filettatura 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. | IT | Threads "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. | GB | Gewindearten 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. | DE |
| Filetages Filetage conique "UNIVERSAL SHORT". Filetage conique conforme: ISO 7.1, BS 21, DIN 2999. Filetage cylindrique conforme: ISO 228 Classe A. Filetage métrique conforme: ISO R/262. | FR | Roscas 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. | ES | Roscas 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. | PT |



UNIVERSAL SHORT



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

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



Inclinate
Inclined
Geneigt
Incliné
Inclinada
Inclinadas



Concave
Concave
Konkav
Concave
Cóncava
Côncavas



Convexe
Convex
Konvex
Convexe
Convexa
Convexas

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



Coppia di serraggio

Torque specifications

Angaben Drehmoment

Couple de serrage

Par de apriete

Especificações de Torque



ISO 228



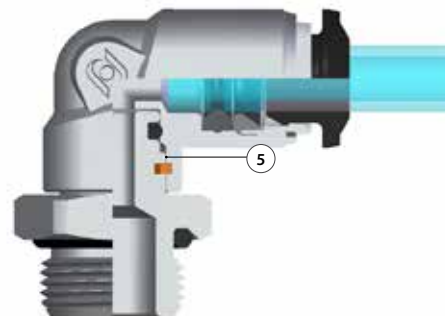
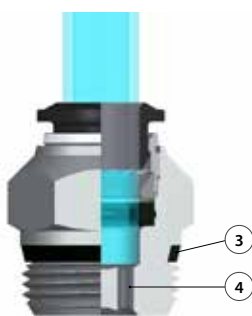
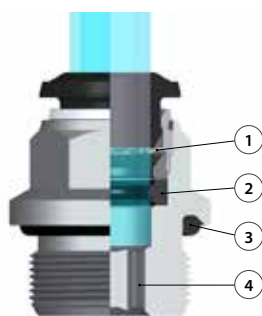
"UNIVERSAL SHORT"

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
Os valores de ruptura podem variar em função do item

| 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 TORQUE DE RUPTURA Nm |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| M5 | 0,8 | 3,2 |
| M7 | 3 | 8 |
| 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 MINIMO ACONSEJADO Nm TORQUE MINIMO 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 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 allenornando possível montagem das mesmas em espaços bem reduzidos.
- 5 Montagem ajustável com anel de segurança dentro. A durabilidade melhorada para a rotação e tração.

5000N

New

RACCORDO DIRITTO MASCHIO "UNIVERSAL SHORT"

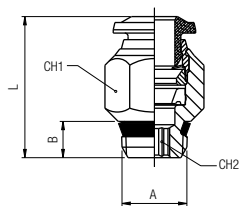
STRAIGHT MALE ADAPTOR "UNIVERSAL SHORT"

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 |
| 55000 00 021 | 16 | 3/8 | 7.5 | 35 | 23 | 10 | 10 |
| 55000 00 022 | 16 | 1/2 | 9 | 35 | 25 | 12 | 10 |

50010N

RACCORDO DIRITTO MASCHIO ESAGONO INCASSATO

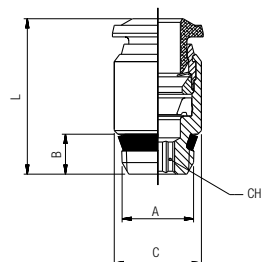
STRAIGHT MALE ADAPTOR WITH EXAGON EMBEDDED

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 | 3.6 | 8 | 19 | 2.5 | 10 |
| 50010 00 N01 | 4 | M5 | 3.6 | 9.5 | 19.5 | 2.5 | 10 |
| 50010 00 N02 | 4 | 1/8 | 5.5 | 11 | 18 | 3 | 10 |
| 50010 00 N09 | 4 | M7x1 | 4.8 | 10 | 21 | 2.5 | 10 |
| 50010 00 N07 | 6 | M5 | 3.6 | 12 | 24.5 | 2.5 | 10 |
| 50010 00 N11 | 6 | M6x1 | 3.6 | 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 |
| 50010 00 N06 | 8 | 1/4 | 7 | 14 | 22.5 | 6 | 10 |

50020N

New

RACCORDO DIRITTO MASCHIO CILINDRICO

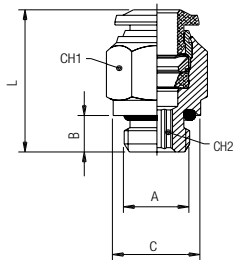
STRAIGHT MALE ADAPTOR (PARALLEL)

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. |
|--------------|------|----------|-----|----|------|-----|-----|-------|
| 50020 00 N21 | 3 | M5 | 3.5 | 8 | 19 | 8 | 2 | 10 |
| 50020 00 N34 | 4 | M3 | 3 | 10 | 21 | 8 | - | 10 |
| 50020 00 N01 | 4 | M5 | 3.5 | 8 | 21 | 10 | 2 | 10 |
| 50020 00 N02 | 4 | 1/8 | 5.5 | 13 | 20 | 10 | 3 | 10 |
| 50020 00 N22 | 4 | 1/4 | 7 | 16 | 19.5 | 16 | 3 | 10 |
| 50020 00 N41 | 4 | 3/8 | 8 | 20 | 18 | 20 | 3 | 10 |
| 50020 00 N18 | 5 | M5 | 3.5 | 8 | 23.5 | 12 | 2 | 10 |
| 50020 00 N19 | 5 | 1/8 | 5.5 | 13 | 22 | 12 | 4 | 10 |
| 50020 00 N36 | 5 | 1/4 | 7 | 16 | 22 | 12 | 4 | 10 |
| 50020 00 N20 | 6 | M5 | 3.5 | 10 | 24.5 | 13 | 2 | 10 |
| 50020 00 N03 | 6 | 1/8 | 5.5 | 13 | 23.5 | 13 | 4 | 10 |
| 50020 00 N04 | 6 | 1/4 | 7 | 16 | 23.5 | 13 | 4 | 10 |
| 50020 00 N27 | 6 | 3/8 | 8 | 20 | 25 | 13 | 4 | 10 |
| 50020 00 N28 | 6 | 1/2 | 9.5 | 25 | 27 | 13 | 4 | 10 |
| 50020 00 N05 | 8 | 1/8 | 5.5 | 13 | 25 | 14 | 5 | 10 |
| 50020 00 N06 | 8 | 1/4 | 7 | 16 | 23 | 14 | 6 | 10 |
| 50020 00 N07 | 8 | 3/8 | 8 | 20 | 24 | 14 | 6 | 10 |
| 50020 00 N29 | 8 | 1/2 | 9.5 | 25 | 26.5 | 14 | 6 | 10 |
| 50020 00 N08 | 10 | 1/4 | 7 | 16 | 30.5 | 17 | 6 | 10 |
| 50020 00 N09 | 10 | 3/8 | 8 | 20 | 27.5 | 17 | 8 | 10 |
| 50020 00 N31 | 10 | 1/2 | 9.5 | 25 | 27 | 17 | 8 | 10 |
| 50020 00 N32 | 12 | 1/4 | 7 | 16 | 34.5 | 20 | 6 | 10 |
| 50020 00 N11 | 12 | 3/8 | 8 | 20 | 34 | 20 | 8 | 10 |
| 50020 00 N23 | 12 | 1/2 | 9.5 | 25 | 31 | 22 | 10 | 10 |
| 50020 00 N24 | 14 | 3/8 | 8 | 20 | 35 | 21 | 10 | 10 |
| 50020 00 N25 | 14 | 1/2 | 9.5 | 25 | 32 | 22 | 11 | 10 |
| 50020 00 N42 | 16 | 3/8 | 8 | 20 | 36 | 23 | 10 | 10 |
| 50020 00 N43 | 16 | 1/2 | 9.5 | 25 | 37 | 25 | 12 | 10 |
| 50020 00 N46 | 4 | M6x1 | 5.4 | 12 | 18.5 | 10 | 3 | 10 |
| 50020 00 N33 | 4 | M8x1 | 5.4 | 12 | 18.5 | 10 | 3 | 10 |
| 50020 00 N37 | 6 | M8x1 | 5.4 | 12 | 24.5 | 13 | 3 | 10 |
| 50020 00 N38 | 6 | M10x1 | 5.4 | 13 | 23 | 13 | 4 | 10 |
| 50020 00 N12 | 6 | M12x1 | 7.3 | 15 | 23.5 | 13 | 4 | 10 |
| 50020 00 N13 | 6 | M12x1.25 | 7.3 | 15 | 23.5 | 13 | 4 | 10 |
| 50020 00 N14 | 6 | M12x1.5 | 7.3 | 15 | 23.5 | 13 | 4 | 10 |
| 50020 00 N39 | 8 | M8x1 | 5.4 | 12 | 25.5 | 14 | 4 | 10 |
| 50020 00 N40 | 8 | M10x1 | 5.4 | 13 | 25.5 | 14 | 4 | 10 |
| 50020 00 N17 | 8 | M12x1.5 | 7.3 | 15 | 27.5 | 14 | 6 | 10 |

50030N

New

RACCORDO DIRITTO FEMMINA

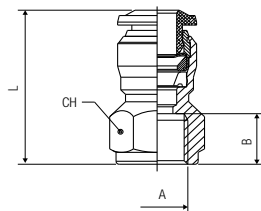
STRAIGHT FEMALE ADAPTOR

AUFSCHRAUBVERSCHRAUBUNG

RACCORD DROIT, TARAUDE

RACOR RECTO HEMBRA

CONEXÃO RETA COM ROSCA FÊMEA



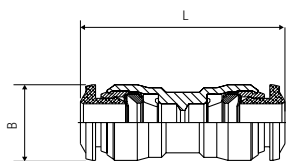
| Code | Tube | A | B | L | CH | Pack. |
|--------------|------|-----|-----|------|----|-------|
| 50030 00 N07 | 3 | M5 | 5.5 | 18.5 | 9 | 10 |
| 50030 00 N08 | 4 | M5 | 5.5 | 21 | 11 | 10 |
| 50030 00 N01 | 4 | 1/8 | 8.5 | 24 | 13 | 10 |
| 50030 00 N09 | 4 | 1/4 | 11 | 27.5 | 16 | 10 |
| 50030 00 N06 | 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 |
| 50030 00 N16 | 16 | 3/8 | 12 | 40.5 | 24 | 10 |
| 50030 00 N17 | 16 | 1/2 | 15 | 41.5 | 24 | 10 |

50040N

RACCORDO DIRITTO INTERMEDIO

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

New

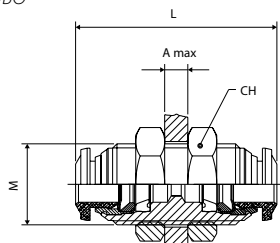


| Code | Tube | Tube | L | B | Pack |
|--------------|------|------|------|------|------|
| 50040 00 N09 | 3 | 3 | 26 | 8.5 | 10 |
| 50040 00 N01 | 4 | 4 | 30.5 | 10.5 | 10 |
| 50040 00 N08 | 5 | 5 | 33 | 11.5 | 10 |
| 50040 00 N02 | 6 | 4 | 32 | 12.5 | 10 |
| 50040 00 N03 | 6 | 6 | 34 | 12.5 | 10 |
| 50040 00 N04 | 8 | 6 | 35 | 14.5 | 10 |
| 50040 00 N05 | 8 | 8 | 36 | 14.5 | 10 |
| 50040 00 N11 | 10 | 8 | 40.5 | 17.5 | 10 |
| 50040 00 N06 | 10 | 10 | 42 | 17.5 | 10 |
| 50040 00 N12 | 12 | 10 | 45.5 | 20.5 | 10 |
| 50040 00 N07 | 12 | 12 | 47 | 20.5 | 10 |
| 50040 00 N10 | 14 | 14 | 49 | 21.5 | 10 |
| 50040 00 N13 | 16 | 16 | 53.5 | 23.5 | 10 |

50050N

RACCORDO DIRITTO INTERMEDIO DI ATTRAVERSAMENTO

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

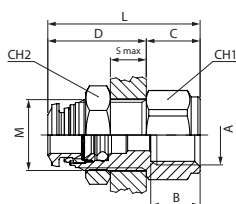


| Code | Tube | M | L | CH | A max | Pack. |
|--------------|------|-------|------|----|-------|-------|
| 50050 00 N07 | 3 | M10x1 | 26 | 14 | 5 | 10 |
| 50050 00 N01 | 4 | M12x1 | 31.5 | 17 | 7 | 10 |
| 50050 00 N06 | 5 | M14x1 | 33 | 17 | 7 | 10 |
| 50050 00 N02 | 6 | M14x1 | 35 | 17 | 9.5 | 10 |
| 50050 00 N09 | 8-6 | M16x1 | 37 | 19 | 10.5 | 10 |
| 50050 00 N03 | 8 | M16x1 | 37 | 19 | 10.5 | 10 |
| 50050 00 N10 | 10-6 | M20x1 | 43 | 24 | 11.5 | 10 |
| 50050 00 N11 | 10-8 | M20x1 | 43 | 24 | 12.5 | 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 |

50055N

RACCORDO DIRITTO DI ATTRAVERSAMENTO FEMMINA

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

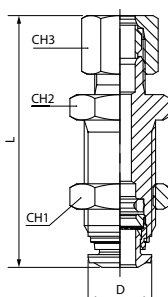


| Code | Tube | A | B | M | S max | CH1 | CH2 | C | D | L | Pack. |
|--------------|------|-----|-----|-------|-------|-----|-----|----|------|------|-------|
| 50055 00 N01 | 4 | 1/8 | 8.5 | M12X1 | 7 | 15 | 17 | 10 | 19 | 29 | 10 |
| 50055 00 N02 | 6 | 1/8 | 8.5 | M14X1 | 8 | 16 | 17 | 10 | 21 | 31 | 10 |
| 50055 00 N03 | 6 | 1/4 | 11 | M14X1 | 8 | 16 | 17 | 12 | 21 | 33 | 10 |
| 50055 00 N04 | 8 | 1/8 | 8.5 | M16X1 | 8 | 18 | 19 | 10 | 22 | 32 | 10 |
| 50055 00 N05 | 8 | 1/4 | 11 | M16X1 | 8 | 18 | 19 | 12 | 22 | 34 | 10 |
| 50055 00 N06 | 10 | 3/8 | 12 | M20X1 | 9.5 | 24 | 24 | 14 | 25.5 | 39.5 | 10 |
| 50055 00 N07 | 12 | 3/8 | 12 | M22X1 | 10.5 | 24 | 26 | 15 | 27.5 | 42.5 | 10 |
| 50055 00 N08 | 12 | 1/2 | 15 | M22X1 | 10.5 | 24 | 26 | 17 | 27.5 | 44.5 | 10 |

50465N

ADATTATORE DIRITTO INTERMEDIO DI ATTRAVERSAMENTO

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



| Code | Tube | L | D | CH1 | CH2 | CH3 | Pack. |
|--------------|------|------|------|-----|-----|-----|-------|
| 50465 00 N02 | 6 | 49.5 | 12.5 | 13 | 17 | 17 | 10 |
| 50465 00 N03 | 8 | 52 | 14 | 14 | 19 | 19 | 10 |
| 50465 00 N04 | 10 | 59 | 17 | 19 | 24 | 24 | 10 |

50100N

RACCORDO A L MASCHIO CONICO

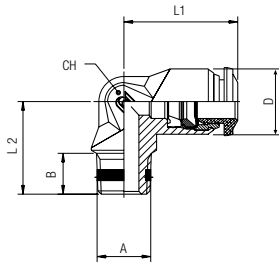
ELBOW MALE ADAPTOR (TAPER)

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

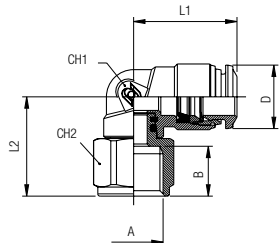
ORIENTING ELBOW FEMALE ADAPTOR

AUFSCRAUB-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 |
| 50106 00 N09 | 10 | 1/4 | 11 | 26.5 | 25 | 14 | 19 | 17 | 10 |
| 50106 00 N10 | 10 | 3/8 | 12 | 26.5 | 28 | 14 | 19 | 17 | 10 |
| 50106 00 N11 | 12 | 1/2 | 15 | 31.5 | 34.5 | 16 | 24 | 20 | 10 |

50111N

New

RACCORDO A L ORIENTABILE MASCHIO "UNIVERSAL SHORT"

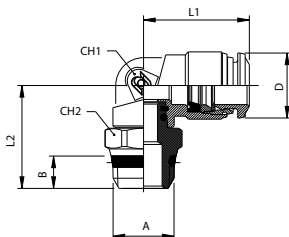
ORIENTING ELBOW MALE ADAPTOR "UNIVERSAL SHORT"

WINKELVERSCHRAUBUNG KONISCH (DREHBAR) "UNIVERSAL SHORT"

EQUERRE ORIENTABLE MÂLE, CONIQUE "UNIVERSAL SHORT"

RACOR A L ORIENTABLE MACHO CÔNICO "UNIVERSAL SHORT"

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



| Code | Tube | A | B | L1 | L2 | CH1 | 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 |
| 50111 00 N17 | 16 | 3/8 | 7.5 | 33 | 41.5 | 19 | 25 | 23.5 | 10 |
| 50111 00 N18 | 16 | 1/2 | 9 | 33 | 43 | 19 | 25 | 23.5 | 10 |

50116N

New

RACCORDO A L ORIENTABILE MASCHIO CILINDRICO

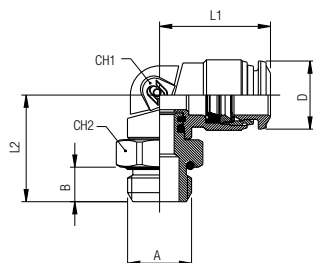
ORIENTING ELBOW MALE ADAPTOR (PARALLEL)

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. |
|--------------|------|----------|-----|------|------|-----|-----|------|-------|
| 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 N31 | 16 | 3/8 | 8 | 33 | 40 | 19 | 25 | 23.5 | 10 |
| 50116 00 N32 | 16 | 1/2 | 9.5 | 33 | 41.5 | 19 | 25 | 23.5 | 10 |
| 50116 00 N26 | 4 | M6x1 | 3.5 | 17.5 | 18 | 9 | 8 | 10 | 10 |
| 50116 00 N27 | 4 | M8x1 | 5.5 | 17.5 | 18 | 9 | 12 | 10 | 10 |
| 50116 00 N28 | 6 | M10x1 | 7 | 21 | 21.5 | 11 | 13 | 12 | 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"

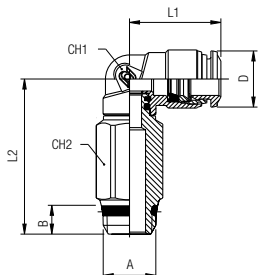
EXTENDED ORIENTING ELBOW MALE ADAPTOR "UNIVERSAL SHORT"

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

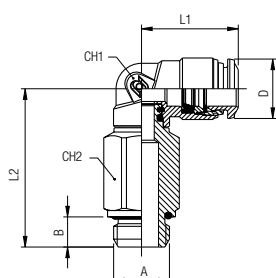
EXTENDED ORIENTING ELBOW MALE ADAPTOR (PARALLEL)

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



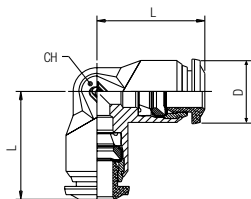
| Code | Tube | A | B | L1 | L2 | CH1 | CH2 | D | Pack. |
|--------------|------|-----|-----|------|------|-----|-----|------|-------|
| 50126 00 N01 | 4 | 1/8 | 5.5 | 18 | 30 | 9 | 12 | 10 | 10 |
| 50126 00 N02 | 4 | 1/4 | 7 | 18 | 32 | 9 | 15 | 10 | 10 |
| 50126 00 N03 | 5 | 1/8 | 5.5 | 20 | 34.5 | 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

New

RACCORDO A L INTERMEDIO

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

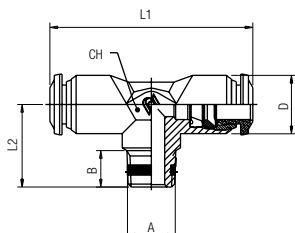


| Code | Tube | L | CH | D | Pack. |
|--------------|------|------|----|------|-------|
| 50130 00 N07 | 3 | 17 | 9 | 10 | 10 |
| 50130 00 N01 | 4 | 17 | 9 | 10 | 10 |
| 50130 00 N06 | 5 | 20 | 11 | 12.5 | 10 |
| 50130 00 N02 | 6 | 21 | 11 | 12.5 | 10 |
| 50130 00 N03 | 8 | 22.5 | 13 | 14 | 10 |
| 50130 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 |
| 50130 00 N09 | 16 | 33 | 19 | 23.5 | 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



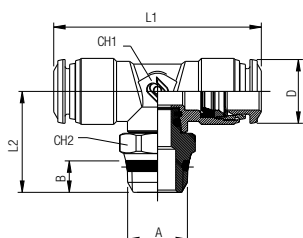
| Code | Tube | A | B | L1 | L2 | CH | D | Pack. |
|--------------|------|-----|------|----|------|----|------|-------|
| 50200 00 N01 | 4 | M5 | 5 | 34 | 15 | 9 | 10 | 10 |
| 50200 00 N02 | 4 | 1/8 | 7.5 | 34 | 15.5 | 9 | 10 | 10 |
| 50200 00 N10 | 5 | 1/8 | 7.5 | 40 | 17.5 | 11 | 12.5 | 10 |
| 50200 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

New

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"



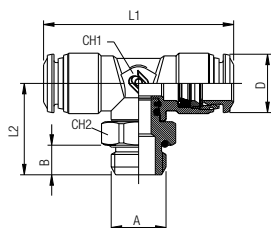
| Code | Tube | A | B | L1 | L2 | CH1 | CH2 | D | Pack. |
|--------------|------|-----|-----|------|------|-----|-----|------|-------|
| 50211 00 N01 | 4 | 1/8 | 5.5 | 34 | 20 | 9 | 13 | 10 | 10 |
| 50211 00 N02 | 4 | 1/4 | 7 | 34 | 21.5 | 9 | 15 | 10 | 10 |
| 50211 00 N03 | 5 | 1/8 | 5.5 | 40 | 22 | 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 |
| 50211 00 N17 | 16 | 3/8 | 7.5 | 65.5 | 40 | 19 | 25 | 23.5 | 10 |
| 50211 00 N18 | 16 | 1/2 | 9 | 65.5 | 41.5 | 19 | 25 | 23.5 | 10 |

50216N

New

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

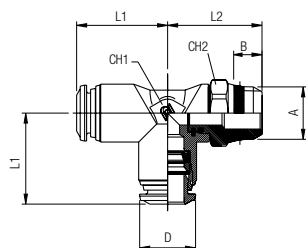


| Code | Tube | A | B | L1 | L2 | CH1 | CH2 | D | Pack. |
|--------------|------|----------|-----|------|------|-----|-----|------|-------|
| 50216 00 N01 | 3 | M5 | 3.5 | 33 | 17 | 9 | 8 | 10 | 10 |
| 50216 00 N02 | 4 | M5 | 3.5 | 34 | 18 | 9 | 8 | 10 | 10 |
| 50216 00 N03 | 4 | 1/8 | 5.5 | 34 | 18.5 | 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 N25 | 16 | 3/8 | 8 | 65.5 | 40 | 19 | 25 | 23.5 | 10 |
| 50216 00 N26 | 16 | 1/2 | 9.5 | 65.5 | 41.5 | 19 | 25 | 23.5 | 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"

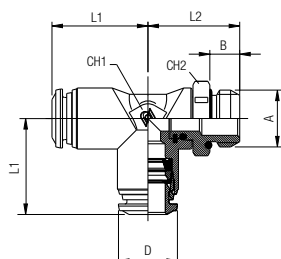


| Code | Tube | A | B | L1 | L2 | CH1 | CH2 | D | Pack. |
|--------------|------|-----|-----|------|------|-----|-----|------|-------|
| 50223 00 N01 | 4 | 1/8 | 5.5 | 17 | 20 | 9 | 13 | 10 | 10 |
| 50223 00 N02 | 4 | 1/4 | 7 | 17 | 21.5 | 9 | 15 | 10 | 10 |
| 50223 00 N03 | 5 | 1/8 | 5.5 | 20 | 22 | 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



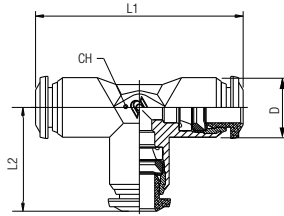
| Code | Tube | A | B | L1 | L2 | CH1 | CH2 | D | Pack. |
|--------------|------|----------|-----|------|------|-----|-----|------|-------|
| 50226 00 N01 | 3 | M5 | 3.5 | 16.5 | 17 | 9 | 8 | 10 | 10 |
| 50226 00 N02 | 4 | M5 | 3.5 | 17 | 18 | 9 | 8 | 10 | 10 |
| 50226 00 N03 | 4 | 1/8 | 5.5 | 17 | 18.5 | 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

New

RACCORDO A T INTERMEDIO

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

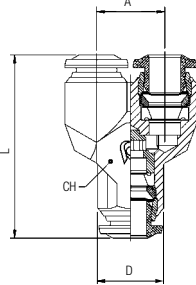


| Code | Tube | L1 | L2 | CH | D | Pack. |
|--------------|------|------|------|----|------|-------|
| 50230 00 N07 | 3 | 34 | 17 | 9 | 10 | 10 |
| 50230 00 N01 | 4 | 34 | 17 | 9 | 10 | 10 |
| 50230 00 N06 | 5 | 40 | 20 | 11 | 12.5 | 10 |
| 50230 00 N02 | 6 | 42 | 21 | 11 | 12.5 | 10 |
| 50230 00 N03 | 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 |
| 50230 00 N10 | 16 | 65.5 | 33 | 19 | 23.5 | 10 |

50310N

RACCORDO A Y INTERMEDIO

Y CONNECTOR
Y-ANSCHLUSS
RACCORD Y SIMPLE
RACOR A Y INTERMEDIO
CONEXÃO EM "Y" TUBO-TUBO

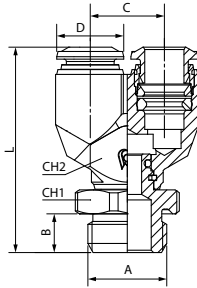


| Code | Tube | A | L | CH | D | Pack. |
|--------------|------|------|------|----|------|-------|
| 50310 00 N07 | 3 | 10 | 29 | 11 | 10 | 10 |
| 50310 00 N01 | 4 | 11 | 32 | 11 | 10 | 10 |
| 50310 00 N04 | 5 | 13.5 | 35 | 13 | 12.5 | 10 |
| 50310 00 N02 | 6 | 13.5 | 36.5 | 13 | 12.5 | 10 |
| 50310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

50326N

RACCORDO A Y ORIENTABILE MASCHIO CILINDRICO

Y CONNECTOR MALE ADAPTOR (PARALLEL)
Y-ANSCHLUSS ZYLINDRISCH (DREHBAR)
RACCORD Y SIMPLE MÂLE, CYLINDRIQUE
RACOR A Y ORIENTABLE MACHO CILÍNDRICO CON TÓRICA
CONEXÃO MACHO EM "Y" ORIENTÁVEL COM ROSCA PARALELA

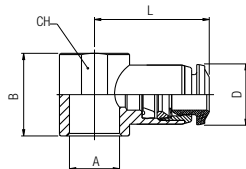


| Code | Tube | A | B | C | CH1 | CH2 | D | Pack. |
|--------------|------|-----|-----|------|-----|-----|------|-------|
| 50326 00 N03 | 4 | 1/8 | 5.5 | 32.5 | 13 | 11 | 10 | 10 |
| 50326 00 N08 | 6 | 1/8 | 5.5 | 37 | 13 | 13 | 12.5 | 10 |
| 50326 00 N09 | 6 | 1/4 | 7 | 38.5 | 16 | 13 | 12.5 | 10 |
| 50326 00 N10 | 8 | 1/8 | 5.5 | 40.5 | 13 | 15 | 14 | 10 |
| 50326 00 N11 | 8 | 1/4 | 7 | 41 | 16 | 15 | 14 | 10 |
| 50326 00 N12 | 8 | 3/8 | 8 | 43 | 20 | 15 | 14 | 10 |

50500N

ANELLO ORIENTABILE A L

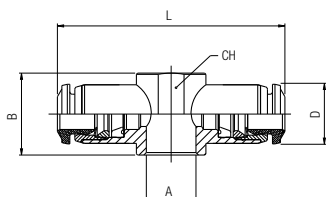
SINGLE BANJO BODY
RINGANSCHLUSS
CORPS SIMPLE POUR BANJO
ANILLO ORIENTABLE SIMPLE
ANEL ORIENTÁVEL EM "L"



| 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

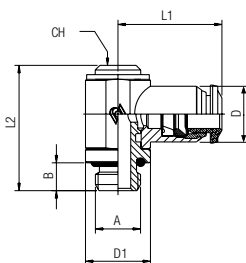
ANELLO ORIENTABILE A T
 DOUBLE BANJO BODY
 DOPPELTER RINGANSCHLUSS
 CORPS DOUBLE POUR BANJO
 ANILLO ORIENTABLE DOBLE
 ANEL ORIENTÁVEL EM "T"



| 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

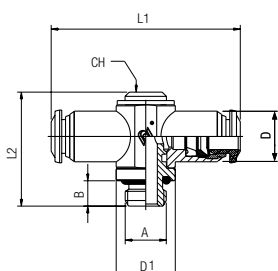
RACCORDO ORIENTABILE A L
 ORIENTING SINGLE BANJO BODY MALE
 WINKELSCHWENKVERSCHRÄUBUNG (DREHBAR)
 EQUERRE BANJO MÂLE, ORIENTABLE
 RACOR ORIENTABLE SIMPLE CON TÓRICA
 CONEXÃO TIPO BANJO EM "L"



| 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 | 17 | 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 | 17 | 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 | 17 | 14 | 10 |
| 50550 00 N07 | 8 | 3/8 | 9 | 28 | 35.5 | 7 | 20 | 14 | 10 |
| 50550 00 N08 | 10 | 1/4 | 8 | 29 | 31 | 6 | 17 | 17 | 10 |
| 50550 00 N09 | 10 | 3/8 | 9 | 30.5 | 35.5 | 7 | 20 | 17 | 10 |
| 50550 00 N11 | 12 | 3/8 | 9 | 32.5 | 35.5 | 7 | 20 | 21.5 | 10 |

50560N

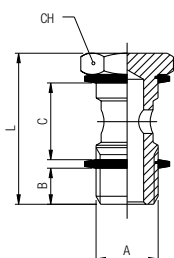
RACCORDO ORIENTABILE A T
 ORIENTING DOUBLE BANJO BODY MALE
 T-SCHWENKVERSCHRÄUBUNG (DREHBAR)
 TÊ BANJO MÂLE, ORIENTABLE
 RACOR ORIENTABLE DOBLE CON TÓRICA
 CONEXÃO TIPO BANJO EM "T"



| 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 | 17 | 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 | 17 | 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 | 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 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

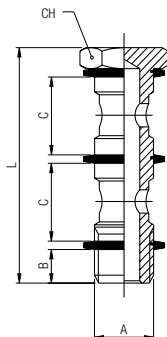
BANJO STEM DOUBLE

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 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

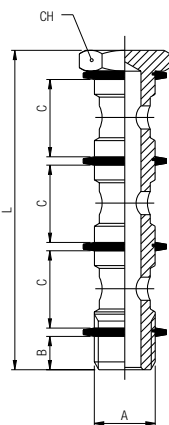
BANJO STEM TRIPLE

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

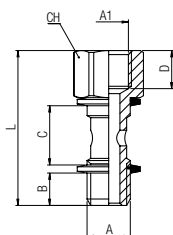
MALE - FEMALE BANJO STEM SINGLE

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 dichtungen aus PA66 (ART. 1610) Mitgeliefert.

Livré avec joints en PA66 (ART. 1610).

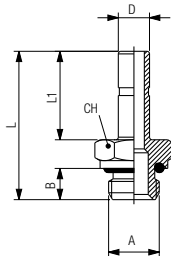
Este artículo viene completo de arandelas en nylon (ART. 1610).

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

50600

ADATTATORE MASCHIO CILINDRICO

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

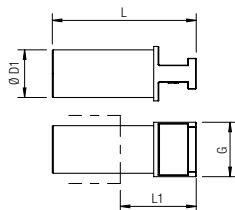


| Code | D | A | B | L | L1 | CH | Pack. |
|--------------|----|-----|----|------|------|----|-------|
| 50600 00 001 | 4 | M5 | 4 | 24 | 15 | 8 | 10 |
| 50600 00 002 | 4 | 1/8 | 6 | 26.5 | 15 | 13 | 10 |
| 50600 00 012 | 5 | M5 | 4 | 26 | 17 | 8 | 10 |
| 50600 00 013 | 5 | 1/8 | 6 | 28.5 | 17 | 13 | 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 00 017 | 10 | 1/2 | 10 | 39.5 | 22 | 24 | 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



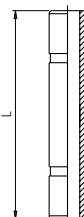
New

| 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 |
| 50610 00 31 Y5 RO | 16 | 18 | 45 | 21 | 10 |

50625

GIUNZIONE DOPPIA

DOUBLE JOINT
DOPPELSTECKER
JONCTION DOUBLE
UNIÓN DOBLE
JUNÇÃO DUPLA

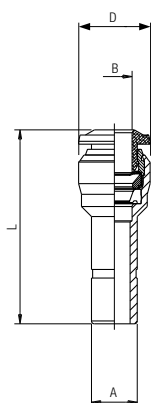


| Code | Tube | L | Pack. |
|-------------------|------|----|-------|
| 50625 00 01 X1 NB | 4 | 31 | 10 |
| 50625 00 01 X3 NB | 5 | 33 | 10 |
| 50625 00 01 X4 NB | 6 | 34 | 10 |
| 50625 00 01 X7 NB | 8 | 36 | 10 |
| 50625 00 01 X9 NB | 10 | 45 | 10 |
| 50625 00 01 Y1 NB | 12 | 50 | 10 |

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 COMPRESSIONE

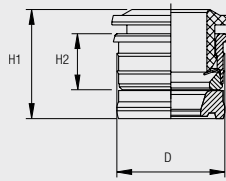
PUSH-FIT CARTRIDGES

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

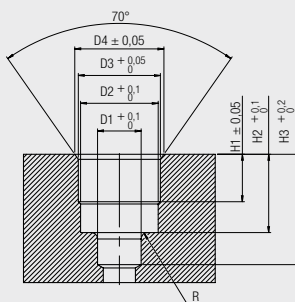
SEAT

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 COMPRESSIONE

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 00 007 | 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 COMPRESSIONE

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 00 001 | 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 COMPRESIONE 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

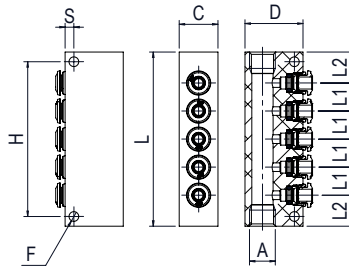
ALUMINIUM MANIFOLD 5 WAYS

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

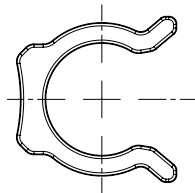
SECURITY CLIPS

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

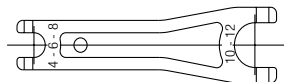
TOOL FOR DISASSEMBLING

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 |

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Казахстан (772)734-952-31

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Таджикистан (992)427-82-92-69

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
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