







La KONFIT ITALIA S.R.L. è un'azienda specializzata nel settore della raccorderia per l'impiantistica pneumatica.

Su disegno del cliente siamo in grado di fornire qualsiasi tipo di particolare ottenibile da barra e da stampato in ottone.

Tutti i prodotti nel catalogo sono realizzati o collaudati in Italia da aziende certificate secondo le norme DIN EN ISO 9001 che garantiscono standard di qualità elevati.

La pronta disponibilità del prodotto finito a magazzino consente di perseguire il nostro obiettivo che è l'evasione degli ordini in 48 ore in Italia ed all'estero.

KONFIT ITALIA S.R.L. is a company specialized in the fittings field for pneumatic plant engineering. Based on the customer's drawing, we can supply every kind of product obtainable by the brass bar and by pressed item in brass. All products shown in the catalogue are realised or tested in Italy by certified companies according to the DIN EN ISO 9001 regulations, which guaranty high quality standards. The ready availability of the product in stock permit us to pursue our goal to dispatch orders within 48 hours in Italy and abroad.

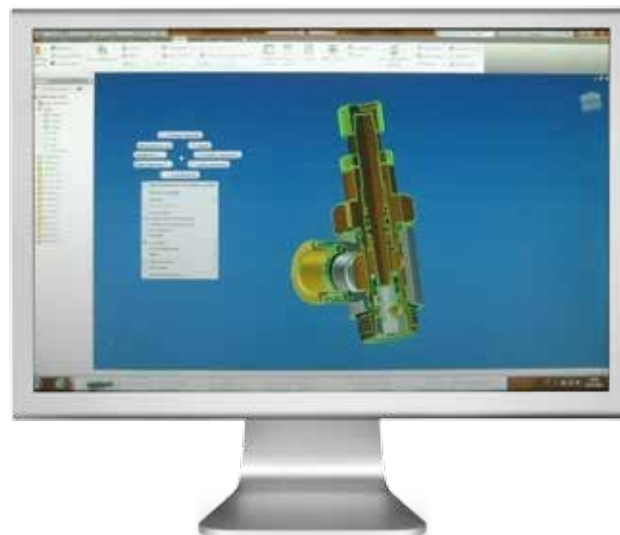
KONFIT ITALIA S.R.L. ist ein italienisches Unternehmen im Bereich der pneumatischen Armaturen für Druckluft spezialisiert. Kunden sind wir in der Lage, jede insbesondere erhältlich aus Bars und Schmiedemessing bieten.

Alle Produkte im Katalog werden hergestellt oder getestet in Italien von Unternehmen zertifiziert nach den Regeln DIN EN ISO 9001, die garantieren hohe Qualitätsstandards. Die leichte Verfügbarkeit des Produkts auf Lager erlauben uns, unser Ziel zu verfolgen, Bestellungen innerhalb von 48 Stunden versendet in Italien und im Ausland.

## Profilo aziendale

Company profile

Firmenprofil



Oltre all'ampia gamma di prodotti a catalogo, realizziamo su disegno del cliente raccordi speciali e sviluppiamo, utilizzando il nostro ufficio tecnico, progetti personalizzati. La maggior parte dei prodotti a catalogo sono realizzati in Italia da aziende certificate secondo le norme DIN EN ISO 9001. Più di 6.000 articoli del catalogo sono presenti nei nostri magazzini, questo ci permette di evadere ordini in tempi rapidi sia in Italia che all'estero.

Besides the wide range of catalog products, we produce following customer design and develop special fittings, thanks to our technical office. Most standard products are manufactured in Italy by companies certified according to DIN EN ISO 9001. More than 6.000 items of our catalogue are available on stock, and this allows us to prepare orders quickly both in Italy and abroad.

Neben der breiten Palette von Katalog-Produkte produzieren wir mit kundenspezifische Zeichnung und entwickeln spezielle Beschläge, mit unserem technischen Büro. Die meisten Standard-Produkte werden in Italien von Unternehmen zertifiziert nach DIN EN ISO 9001 gefertigt. Mehr als 6.000 Artikeln von unsere Katalog sind zur Verfügung im Lager, und dass ermöglicht die Ausführung von Aufträgen in kurzer Zeit in Italien und im Ausland.





La nostra organizzazione è presente in tutta Europa e ci permette ogni tipo di contatto con il cliente. Per ricevere informazioni sulla nostra rete commerciale nazionale ed internazionale inviate una mail al seguente indirizzo oppure contattateci ai numeri di telefono indicati:

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Our organization is active throughout Europe and allows us to any type of contact with the customer. To receive information on our national and international sales network, send an email to the following address or contact phone numbers below indicated:

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## Premessa

General Consideration

Allgemeines



### PREMESSA

La tendenza sempre più intensa verso l'automazione dei sistemi di produzione che oggi investe aziende di tutte le dimensioni, dall'artigianato al grande complesso, trova nella pneumatica un valido sostegno alla risoluzione veloce, economica e razionale dei problemi, sia semplici che complessi. La pneumatica per la grande varietà e caratteristiche dei suoi componenti (leggerezza, sicurezza, affidabilità, integrabilità con altre tecnologie) risulta ancora oggi, nonostante la tecnologia elettronica, il mezzo applicativo più usato che però deve essere conosciuto sia dal lato delle possibilità di applicazione sia dal lato della prospettiva tecnologica. Infatti, pur essendo evidenti alcuni limiti della tecnica pneumatica, è necessario sempre un contatto equilibrato ma senza complessi, poiché i risultati negativi vengono raggiunti quando si pretendono prestazioni impossibili, ma anche perché talvolta non si conoscono o non si sfruttano possibilità reali.

### GENERAL CONSIDERATION

The increasing trend towards intensive automation production systems, which today covers companies of all sizes, from crafts to the largest complex, find into the pneumatic a strong support for a speedy, rational and economic resolution to problems, both simple and complex. Despite the electronic technology, the air for the great variety and characteristics of its components (lightness, safety, reliability, integration with other technologies) is still a way most used that have to be known to both side of application possibilities and technological perspective. In fact, although some obvious limitations of the prior air, you need to have a balanced contact without complexity, because negative results are achieved when you demand impossible performance, or due to a weak knowledge of real opportunities.

### ALLGEMEINES

Der zunehmende Trend zu eine intensive Automatisierung Produktionssysteme, in der zeit die Unternehmen aller Größen, vom Handwerk bis hin zu großen komplexen, in der pneumatischen starke Unterstützung für den schnellen Lösung gelegen, und rationalen wirtschaftlichen Problemen, sowohl einfache als auch komplexe. Die Luft für die große Vielfalt und die Eigenschaften seiner Bestandteile (Leichtigkeit, Sicherheit, Zuverlässigkeit, Integration mit anderen Technologien) ist immer noch, trotz der elektronischen Technologien, die mittelfristig die meisten genutzte Anwendung, sondern muss sowohl auf die Seite der Anwendungsmöglichkeiten bekannt sein sowohl aus der technologischen Perspektive. In der Tat, auch wenn einige offensichtliche Einschränkungen des Standes der Luft, sollten Sie sich jederzeit an ein ausgewogenes und zugleich ohne Komplexe, weil negative Ergebnisse erzielt werden, wenn Sie die Leistung unmöglich verlangen, sondern auch, weil man manchmal nicht weiß oder nicht nutzen echte Chancen.



## Unità fondamentali del SI - Fundamental units of the SI - Grundlegenden Einheiten des SI

Quantità - Quantity - Quantität			Unità - Unit - Einheit			Simbolo - Sign - Symbol		
Lunghezza	Length	Länge	metro	meter	Meter			<b>m</b>
Massa	Mass	Masse	kilogrammo	kilogram	Kilogramm			<b>kg</b>
Tempo	Time	Zeit	secondo	second	Sekunde			<b>s</b>
Intensità di corrente elettrica	Electricity intensity	Elektrischer Strom Intensität	ampere	ampere	Ampere			<b>A</b>
Temperatura termodinamica	Thermodynamic temperature	Kelvin-Temperatur	Kelvin	Kelvin	Kelvin			<b>K</b>
Quantità di sostanza	Amount of substance	Stoffquantität	mole	mol	Mole			<b>mol</b>
Intensità luminosa	Light intensity	Lichtstärke	candela	candela	candela			<b>cd</b>








































## Unità derivate del SI - Derived units of the SI - Abgeleiteten SI-Einheiten

Quantità - Quantity - Quantität			Unità - Unit - Einheit			Simbolo - Sign - Symbol		
Volume	Volume	Volumen		<b>m<sup>3</sup></b>				<b>V</b>
Frequenza	Frequency	Frequenz		<b>u</b>				<b>Hz</b>
Forza	Force	Stärke		<b>newton</b>				<b>N</b>
Pressione	Pressure	Druck		<b>pascal (N/m<sup>2</sup>)</b>				<b>Pa</b>
Energia e Lavoro	Energy	Energie		<b>joule (N · m)</b>				<b>J</b>
Potenza	Power	Leistung		<b>watt (J/s)</b>				<b>W</b>

## Tabella di conversione pressione - Pressure conversion table - Druck Umrechnungstabelle

Pressione Pressure	Pa (N/m <sup>2</sup> )	Kg/cm <sup>2</sup>	atm	at	bar	b aria	psi	torr mmHg	InHg
<b>Pa (N/m<sup>2</sup>)</b>	1	1,02·10 <sup>-5</sup>	9,87·10 <sup>-6</sup>	1,02·10 <sup>-5</sup>	10 <sup>-5</sup>	10	1,45·10 <sup>-4</sup>	7,5·10 <sup>-3</sup>	2,85·10 <sup>-4</sup>
<b>Kg/cm<sup>2</sup></b>	9,8·10 <sup>-4</sup>	1	0,968	0,9997	0,98	9,8·10 <sup>-5</sup>	14,22	735,3	28,9
<b>atm</b>	101,325	1,033	1	1,03	1,01	1,01·10 <sup>-6</sup>	14,7	760	29,92
<b>at</b>	98066,5	1,0003	0,968	1	0,981	9,81·10 <sup>-5</sup>	14,22	736	28,97
<b>bar</b>	10 <sup>5</sup>	1,02	0,987	1,02	1	10 <sup>6</sup>	14,5	750	29,52
<b>b aria</b>	10 <sup>-1</sup>	1,02·10 <sup>-6</sup>	9,87·10 <sup>-7</sup>	1,02·10 <sup>-6</sup>	10 <sup>-6</sup>	1	1,45·10 <sup>-5</sup>	7,5·10 <sup>-4</sup>	2,95·10 <sup>-5</sup>
<b>psi</b>	6,89	7,03·10 <sup>-2</sup>	0,068	0,0703	0,0689	6,89·10 <sup>-4</sup>	1	51,68	2,04
<b>torr mmHg</b>	133,322	1,36·10 <sup>-3</sup>	1,32·10 <sup>-3</sup>	1,36·10 <sup>-3</sup>	1,33·10 <sup>-3</sup>	1,33·10 <sup>-3</sup>	0,0193	1	0,0394
<b>InHg</b>	3,39	3,46·10 <sup>-2</sup>	0,0335	0,0345	0,0339	3,39·10 <sup>-4</sup>	0,491	25,4	1

## Simbologia pneumatica - Pneumatic symbols - Pneumatische symbole

	Manometro		Manometer		Manometer
	Valvola di esclusione		Exclusion valve		Ausschaltventile
	Linea		Line		Linie
	Filtro		Filter		Filter
	Refrigeratore		Cooler		Kuehler
	Separatore di condensa con spurgo automatico		Condensate separator with automatic washout		Kondensatscheider mit automatische Spülen
	Essicatore		Dryer		Trockner
	Lubrificatore		Lubricator		Ölprese
	Flusso pneumatico		Pneumatic flow		Pneumatikstrom
	Compressore		Compressor		Kompressor
	Sorgente di pressione o di energia		Pressure or energy source		Druck- oder Energiequelle
	Motore elettrico		Electric motor		Elektromotor
	Serbatoio pressurizzato		Pressurised tank		Drucktank

# Temperatura

Temperature

Temperatur



0 K = zero assoluto  
0°C = 32°F punto di fusione  
del ghiaccio a pressione atmosferica

- Scala Kelvin: chiamata anche scala termodinamica, è impiegata in fisica.
- Scala Celsius: scala di temperatura usata dalla maggioranza delle nazioni. La temperatura in gradi Celsius è normalmente detta temperatura in gradi centigradi.
- Scala Fahrenheit: scala di temperatura usata da alcuni paesi freddi, dove lo stato termico dell'atmosfera è generalmente di poco superiore o di poco inferiore a quello del ghiaccio. L'uso della scala Celsius porterebbe l'inconveniente di dover far precedere al numero, misura dalla temperatura, il segno + o -  
Conversione di temperatura:  
La variazione di temperatura di 1 grado nella scala Celsius equivale a:  
Variazione di 1 grado nella scala Kelvin;  
Variazione di 1,8 gradi nella scala Fahrenheit.

Le relazioni di conversione valgono:

$$^{\circ}\text{C} = \frac{^{\circ}\text{F} - 32}{1,8}$$

$$^{\circ}\text{F} = 1,8 \cdot ^{\circ}\text{C} + 32$$

$$\text{K} = \frac{^{\circ}\text{F} - 32}{1,8} + 273 \quad \text{K} = ^{\circ}\text{C} + 273$$



0 K = absolute zero  
0°C = 32°F melting point  
of ice at atmospheric pressure

- Kelvin scale: also called thermodynamic scale, is used in physics.
- Celsius scale: the temperature scale most used throughout the nations, and is called Celsius degrees temperature.
- Fahrenheit scale: used in some cold nations, where the atmosphere thermal status is usually a little upper or lower than the ice one. Using the Celsius scale, you have to put + or - immediately before the number, indicating the temperature.  
Temperature converting:  
Temperature variation of 1°C is equal to:  
Variation of 1 degree in Kelvin scale  
Variation of 1,8 degrees in Fahrenheit scale

Converting relations are as follow:



0 K = absoluter Nullpunkt  
0°C = 32°F Schmelzpunkt des Eises  
bei Atmosphärendruck

- Kelvin Temperaturskala: auch als thermodynamische Waage kennen, wird in der Physik verwendet.
- Celsius Temperaturskala: die am meisten Temperaturskalen verwendet, heißt Celsius Grad Temperaturen.
- Fahrenheit Temperaturskala: in manchen kalten Ländern verwendet, wo die Atmosphäre thermischen Status ist in der Regel ein wenig obere oder untere als das Eis ein. Mit der Celsius-Skala, müssen Sie schreiben + oder - immediately vor der Nummer, dass der Temperaturen meldet.  
Konvertierung des Temperatures:  
Temperatur Variation von 1 ° C beträgt:  
Variation von 1 Grad im Kelvin Temperaturskala.  
Variation von 1,8 Grad im Celsius Temperaturskala.

Konvertierung Beziehungen sind wie folgt:

Kelvin	Celsius	Fahrenheit
0 K	-273,15 K	-459,67 °F
273,15 K	0 K	32 °F



Viene indicata con (p) ed è la grandezza fisica che sta ad indicare la distribuzione di una forza sulla superficie a cui essa è applicata. Nel caso di fluidi (gas, vapore, liquido, ecc.) ne caratterizza lo stato ed è data dalla forza che agisce staticamente sull'unità di area di un elemento fluido. Pertanto la pressione (p) è la forza (F) esercitata da un fluido in direzione perpendicolare sull'unità di superficie (A) di un corpo, e cioè:

$$p = \frac{F}{A}$$

Nel sistema SI la pressione è misurata in newton (N) su m<sup>2</sup>

$$p = \frac{N}{m^2}$$

A tale unità si assegna il nome di Pascal (Pa)

$$1Pa = \frac{1N}{m^2}$$

In pratica, essendo il Pascal un'unità di misura estremamente piccola, vengono generalmente utilizzati i multipli quali kPa o preferibilmente il bar (1 bar = 10<sup>5</sup> Pa) unità ammessa dal sistema SI.

Per i paesi anglosassoni l'unità di misura utilizzata è il "psi" (libbra/pollice<sup>2</sup>).

**1 psi = 0,07 bar**

**14,5 psi = 1,00 bar**

La pressione, nelle applicazioni correnti delle trasmissioni pneumatiche, viene d'abitudine ancora misurata in bar. La tabella di seguito rappresenta la comparazione fra le unità di misura:

Pressioni	KPa	bar	psi	kg/cm <sup>3</sup>
<b>1 kPa</b>	1	0.01	0.145	0.0102
<b>1 bar</b>	100	1	14.5	1.02
<b>1 psi</b>	6.9	0.069	1	0.07
<b>1 kg/cm<sup>2</sup></b>	98	0.0981	14.2	1

### Considerazione

Per trasformare i  $\frac{kg}{cm^2}$  in bar o in Pa bisogna:

$$\text{moltiplicare} \cdot 10^5: \frac{kg}{cm^2} = 10^5 \text{ Pa (100.000 Pa)}$$

$$\text{Per trasformare i Pa in } \frac{kg}{cm^2}$$

$$\text{Bisogna moltiplicare} \cdot 10^{-5}: 1 \text{ Pa} = \frac{10^{-5} \text{ kg}}{cm^2} = 0,00001 \frac{kg}{cm^2}$$



The pressure is denoted by (p) and is the physical size, the distribution shows a force on the surface to which it is applied. In the case of fluids (gas, vapor, liquid, etc.) characterizes the state and is given by force acting statically on the unit of area of a fluid element. Therefore the pressure (p) is the force (F) exerted by a fluid in a perpendicular direction unit area (A) of a body, that is

$$p = \frac{F}{A}$$

In the SI system, the pressure is measured in newtons (N) per square meter

$$p = \frac{N}{m^2}$$

That unit is assigned the name of Pascal (Pa)

$$1Pa = \frac{1N}{m^2}$$

Pascal is a unit of measure extremely small, so are generally used multiples such as kPa, or preferably the bar (1 bar = 105 Pa), units accepted by the SI-system.

For Anglo-Saxon countries the unit of measure used is the "psi" (pounds/inch<sup>2</sup>)

**1 psi = 0,07 bar**

**14,5 psi = 1,00 bar**

Pressure, current applications of pneumatic transmission is, of habit, even measured in bar. The schedule represents the comparison between the units of measurement.

Pressure	KPa	bar	psi	kg/cm <sup>3</sup>
<b>1 kPa</b>	1	0.01	0.145	0.0102
<b>1 bar</b>	100	1	14.5	1.02
<b>1 psi</b>	6.9	0.069	1	0.07
<b>1 kg/cm<sup>2</sup></b>	98	0.0981	14.2	1

### Consideration

to transform:  $\frac{kg}{cm^2}$  into bar or Pa have to:

$$\text{multiply} \cdot 10^5: \frac{kg}{cm^2} = 10^5 \text{ Pa (100.000 Pa)}$$

$$\text{to transform: Pa into } \frac{kg}{cm^2}$$

$$\text{have to multiply} \cdot 10^{-5}: 1 \text{ Pa} = \frac{10^{-5} \text{ kg}}{cm^2} = 0,00001 \frac{kg}{cm^2}$$



Der Druck wird mit (p) bezeichnet und ist die physikalische Größe, die die Verteilung einer Kraft zeigt auf der Oberfläche, auf die es angewendet wird. Im Falle von Flüssigkeiten (Gas, Dampf, Flüssigkeit, etc.) charakterisiert den Zustand und wird durch statisch wirkende Kraft auf die Einheit der Fläche eines flüssigen Element gegeben. Daher ist der Druck (p) die Kraft (F) durch ein Fluid in einer Richtung senkrecht Flächeneinheit ausgeübt (A) eines Körpers, nämlich:

$$p = \frac{F}{A}$$

In dem SI-System wird der Druck in newton (N) pro Quadratmeter gemessen

$$p = \frac{N}{m^2}$$

Einheit ist, dass Sie den Namen des Pascal (Pa) zugeordnet

$$1Pa = \frac{1N}{m^2}$$

Pascal ist ein Maßeinheit sehr klein, so sind in der Regel ein Vielfaches wie kPa oder vorzugsweise bar (1 bar = 105 Pa) verwendet wird, SI-Einheiten durch das System akzeptieren. Für den angelsächsischen Ländern die verwendete Maßeinheit ist die "psi" (Pfund/Zoll<sup>2</sup>).

**1 psi = 0,07 bar**

**14,5 psi = 1,00 bar**

Druck, aktuelle Anwendungen der pneumatischen Übertragung ist, der Gewohnheit, auch in bargemessen. Die Tabelle stellt den Vergleich zwischen den Maßeinheiten.

Druck	KPa	bar	psi	kg/cm <sup>3</sup>
<b>1 kPa</b>	1	0.01	0.145	0.0102
<b>1 bar</b>	100	1	14.5	1.02
<b>1 psi</b>	6.9	0.069	1	0.07
<b>1 kg/cm<sup>2</sup></b>	98	0.0981	14.2	1

### Ausführungen

zu transformieren  $\frac{kg}{cm^2}$  im bar oder Pa muss

$$\text{multiplizieren} \cdot 10^5: \frac{kg}{cm^2} = 10^5 \text{ Pa (100.000 Pa)}$$

$$\text{zu transformieren: Pa zu } \frac{kg}{cm^2}$$

$$\text{muss multiplizieren} \cdot 10^{-5}: 1 \text{ Pa} = \frac{10^{-5} \text{ kg}}{cm^2} = 0,00001 \frac{kg}{cm^2}$$



# Portata del Gas

Gas Flow  
Gasstrom



## Normal litro (nl)

Nel sistema SI la portata dei gas, e perciò dell'aria, viene espressa in:

**m<sup>3</sup>/s o m<sup>3</sup>/h (portata volumetrica)**  
**kg/s o kg/min (portata massima)**

In pratica in pneumatica si fa riferimento all'aria allo stato libero e perciò viene impiegato il normal litro, indicato simbolicamente nl (è preferibile impiegare la enne minuscola per non confonderla con la N di Newton). Impiegando come unità di misura di volume il metro cubo, si parlerà di normal metro cubo (nm<sup>3</sup>).

## Portata

Si definisce portata volumetrica **Q** il volume di fluido che nell'unità di tempo passa attraverso una data sezione.

$$Q = \frac{V}{t} \frac{m^3}{s}$$

La portata può essere calcolata moltiplicando la velocità **u** del fluido per l'area **A** della sezione di passaggio.

$$Q = u \cdot A$$

Essendo la velocità **u** espressa in m/s e l'area **A** in m<sup>2</sup>, inserendo le suddette unità di misura si ha:

$$\frac{m}{s} m^2 = m^3/s \text{ perciò } Q = u \cdot A \text{ } m^3/s$$

Nel sistema SI l'unità di misura della portata oltre ad essere espressa in m<sup>3</sup>/s, è ammesso esprimerla in l/s (litri al secondo) dove:

$$1 \text{ l/s} = 1 \text{ dm}^3/s$$

Calcolare la portata di un fluido gassoso è complesso dato che la sua velocità **u** è caratterizzata da molti parametri dovuti alla sua comprimibilità.

Il diagramma (Fig. 1) mostra la relazione tra pressione e portata per un orifizio avente sezione equivalente di 1 mm<sup>2</sup>



## Normal liter (nl)

In the SI system, the gas flow, and therefore the air, is expressed as:

**m<sup>3</sup>/s o m<sup>3</sup>/h (volumetric flow rate)**  
**kg/s o kg/min (mass flow rate)**

In practice it refers to fresh air in the free state and therefore it uses the normal liter, indicated symbolically nl (it is preferable to use the tiny-year-old not to be confused with the N of Newton). Using as the unit of volume the cubic meter, it is called the normal cubic meter (nm<sup>3</sup>). The above unit is generalized and, because of its convenience, is unlikely to be abolished. Maybe it will eventually be admitted even by the SI as has happened to the bar

## Flow rate

Si System defines volumetric flow rate **Q**, the volume of fluid that the unit of time passes through a given section.

$$Q = \frac{V}{t} \frac{m^3}{s}$$

The flow rate can be calculated by multiplying the speed **u** of the fluid to the area **A** of the passage section.

$$Q = u \cdot A$$

Since the velocity **u** expressed in m/s and the area **A** in m<sup>2</sup>, by inserting the said units of measure we have:

$$\frac{m}{s} m^2 = m^3/s \text{ so } Q = u \cdot A \text{ } m^3/s$$

In the SI unit of flow measurement as well be expressed in m<sup>3</sup>/s, is allowed to express in l/s (liters per second) where:

$$1 \text{ l/s} = 1 \text{ dm}^3/s$$

Calculate the flow of a gaseous fluid is complex since its velocity **u** is characterized by many parameters due to its compressibility.

The following diagram (Fig.1) shows the reaction between pressure and flow with an orifice effective area of 1 mm<sup>2</sup>



## Normal liter (nl)

Im SI-System, wird der Gasstrom, und daher wird die Luft, ausgedrückt als:

**m<sup>3</sup>/s o m<sup>3</sup>/h (Volumenstrom)**  
**kg/s o kg/min (massenstrom)**

In der Praxis bezieht sich auf frische Luft im freien Zustand und deshalb nutzt den normalen Liter, symbolisch angedeutet nl (es ist vorzuziehen, den winzigen-Jährige nicht mit dem N von Newton verwechseln verwenden). Mit wie die Einheit des Volumens der Kubikmeter, wird sie als die normale Kubikmeter (nm<sup>3</sup>). Das obige Gerät ist generalisiert und wegen ihrer Bequemlichkeit, ist unwahrscheinlich, abgeschafft werden. Vielleicht wird es irgendwann auch von der SI aufgenommen zu werden als in der Bar passiert ist.

## Strom

SI-System definiert Volumenfließrate **Q**, das Volumen des Fluids, dass die Zeiteinheit durch einen bestimmten Abschnitt verläuft.

$$Q = \frac{V}{t} \frac{m^3}{s}$$

Die Strömungsgeschwindigkeit kann durch Multiplizieren der Geschwindigkeit des Fluids **u** des Fluids zu dem Bereich **A** in dem Kanalabschnitt berechnet werden.

$$Q = u \cdot A$$

Da die Geschwindigkeit **u** ausgedrückt in m/s und der Bereich **A** m<sup>2</sup>, indem die Maßeinheiten wobei gilt:

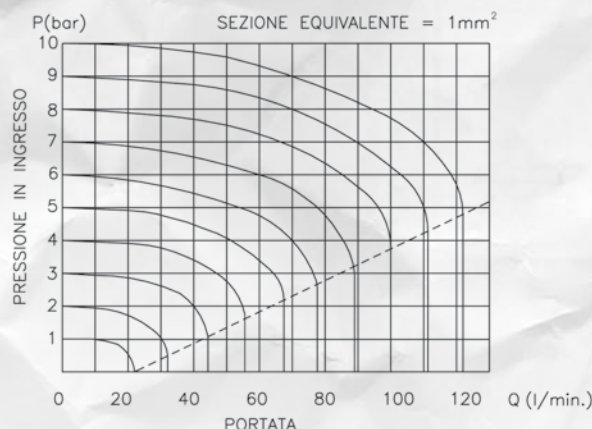
$$\frac{m}{s} m^2 = m^3/s \text{ sowie } Q = u \cdot A \text{ } m^3/s$$

In der SI-Einheit der Strömung sowie in m<sup>3</sup>/s ausgedrückt werden kann, darf in l/s (Liter pro Sekunde), wo zum Ausdruck bringen:

$$1 \text{ l/s} = 1 \text{ dm}^3/s$$

Berechnen der Strömung eines gasförmigen Fluids ist komplex, da seine Geschwindigkeit **u** von vielen Parametern durch seine Kompressibilität gekennzeichnet ist. Das folgende Diagramm (Fig.1) zeigt die Reaktion zwischen Druck und Durchfluss mit einer Öffnung effektive Fläche von 1 mm<sup>2</sup>.

Fig. 1





Un importante argomento nelle applicazioni con aria compressa è quello delle guarnizioni di tenuta. L'argomento è molto vasto e complesso, quindi l'intendimento di quest'ultimo capitolo è di fornire indicazioni utili, per grandi linee, su funzioni e caratteristiche delle guarnizioni.

Le guarnizioni vengono utilizzate per:

- tenute statiche
- tenute dinamiche

Nelle apparecchiature pneumatiche vengono utilizzati entrambi i sistemi di tenuta. Le tenute statiche riguardano la tenuta di elementi tra cui non vi è moto relativo. Vengono interposte tra i due pezzi e, per deformazione elastica in compressione, effettuano la tenuta. Sono generalmente guarnizioni di tipo toroidale comunemente chiamate O-RING disponibili in diverse sezioni, diametri e materiali. Le tenute dinamiche avvengono quando è in atto un processo che coinvolge organi in movimento e la guarnizione è compressa contro la superficie sulla quale deve fare tenuta. Lo scorrimento sulla superficie di tenuta provoca attrito. L'attrito dipende dalla qualità della gomma impiegata, dalla sua durezza, dall'accuratezza delle lavorazioni delle superfici (rugosità, tolleranze, ecc.) e non ultimo dal tipo di lubrificazione usato. Il lubrificante agisce anche da sigillante: oltre a creare un velo sottile tra guarnizione e superficie, garantendo un sistema lubrificato che eviti il contatto diretto tra gli organi in movimento, previene anche precoci usure della guarnizione. Il comportamento delle guarnizioni dipende molto dalla loro forma, ma è soprattutto la tipologia della miscela impiegata che ne contraddistingue la qualità. Per le tenute statiche è usata quasi nella totalità dei casi la guarnizione O-RING. Come già accennato, la "miscela" con la quale si realizza la guarnizione è il distintivo di qualità della stessa. Si rende necessario affidarsi a fornitori che possono garantire nel tempo la costanza delle caratteristiche della miscela, in modo tale che forniture lontane tra loro assicurino costanza di prestazioni. Le formulazioni delle miscele con materie prime di qualità devono soddisfare le esigenze d'impiego come compatibilità, resistenza chimica ed impieghi in temperatura. Ovviamente miscele diverse offriranno prestazioni e compatibilità diverse dichiarate dal costruttore con la garanzia di continuità nel tempo. Le miscele più usate nel campo della pneumatica sono in base ad elastomeri NBR e FKM (Butadiene-Acetonitrile).

#### Gomma nitrilica NBR

È un polimero a base di Butadiene ed acronitrile. La percentuale di Acronitrile è variabile tra il 20% ed il 50%. Una maggiore percentuale di Acronitrile favorisce il miglior comportamento ai grassi ed olii minerali ma ne diminuisce l'elasticità, il comportamento alle basse temperature peggiora ed accentua la deformazione residua una volta rilasciata la compressione (compressione set). Nella miscela a base di NBR vengono spesso introdotti materiali che ne favoriscono la resistenza all'usura e danno la possibilità di lavorare in assenza di lubrificazione. La compatibilità con olii minerali, vegetali, animali e olii combustibili (gasolio) è buona. È particolarmente buona con acqua fino a 100°C ed acidi inorganici a bassa concentrazione. Il campo termico di applicazione è da -30°C a +100°C.



An important issue in applications with compressed air is that of the seals is very broad and complex, so the intent of this chapter is to provide useful guidance, in broad terms, functions and characteristics of the seals.

The gaskets are used for:

- Static seals
- Dynamic seals

Pneumatic equipment are used in both sealing systems. The seals statistics cover the sealing elements of which there is relative motion. Are interposed between the two pieces and, for elastic deformation in compression, making the seal. They are generally toroidal gaskets commonly called O RING available in different sections, diameters and materials. Dynamic seals occur when it is a process that involves moving organs and the gasket is compressed against the surface on which to do sealing. The sliding on the sealing surface will cause friction. The friction depends on the amount of rubber used, its hardness, the accuracy of machining of the surfaces (roughness, tolerances, etc.) and not least the type of lubrication used.

The lubricant also acts as a sealant in addition to creating a thin film between the seal and ensuring a system lubricated surface that avoids direct contact between the moving parts also preventing premature wear of the gasket. The behavior of the seals is very dependent on their shape, but especially the type of the compound employed which distinguishes the quality. For the static seals is used nearly in all cases the O ring.

As already mentioned the "compound" is realized with which the gasket is the distinctive quality of the same. It makes necessary to rely on suppliers who can ensure over time the consistency of the characteristics of the compound in such a way that supplies far apart to ensure consistent performance. The formulations of mixtures with high quality raw materials must meet the requirements for use as compatibility, chemical resistance and temperature applications.

Obviously different compounds offer several performance and compatibility declared by the manufacturer with a guarantee of continuity in time. The compounds most commonly used in the field of pneumatics are based on NBR and FKM elastomers (Butadiene - Acrylonitrile).

#### Nitrile rubber NBR

Is a polymer based on butadiene and Acrylonitrile: The percentage of Acrylonitrile is variable between 20% and 50%. A percentage of maggionre Acrylonitrile promotes better behavior to mineral oils and fats but it decreases the elasticity, the low temperature behavior gets worse and accentuates the residual deformation after being released compression (compression set). In the mixture based on NBR are often introduced materials that favor the wear resistance and give the possibility to work in the absence of lubrication. Compatibility with mineral oils, vegetable, animal oils, fuels (diesel) is good. is particularly good with water up to 100 ° C and inorganic acids at low concentration. The thermal field of application is from -30 ° C to +100 ° C.



Ein wichtiges Thema in Anwendungen mit Druckluft ist, dass der Dichtungen ist sehr breit und komplex, so die Absicht dieses Kapitels ist es, nützliche Orientierungshilfe bieten, in groben Zügen, Funktionen und Eigenschaften der Dichtungen.

Die Dichtungen werden verwendet für:

- Statische Dichtungen
- Dynamische Dichtungen

Pneumatische Anlagen sind in beiden Dichtungssysteme eingesetzt. Die Dichtungen Statistiken umfassen die Dichtungselemente von denen gibt es eine relative Bewegung. Zwischen den beiden Stücken und für elastische Verformung bei Kompression, so dass die Dichtung angeordnet ist. Sie sind im Allgemeinen ringförmigen Dichtungen gemeinhin als O-RING in verschiedenen Abschnitten, Durchmessern und Materialien. Dynamische Dichtungen auftreten, wenn ein Prozess, der bewegliche Organe umfasst und die Dichtung gegen die Oberfläche, auf der komprimiert, um Verschließen auszuführen ist. Die Schiebetüren auf der Dichtfläche bewirkt Reibung. Die Reibung hängt von der Menge des eingesetzten Kautschuks, seine Härte, die Genauigkeit der Bearbeitung der Oberflächen (Rauheit, Toleranzen, etc.) und nicht zuletzt von der Art der Schmierung verwendet.

Das Schmiermittel fungiert auch als Dichtstoff zusätzlich zu der Schaffung eines dünnen Films zwischen der Dichtung und Sicherung eines Systems geschmierte Oberfläche, die direkten Kontakt zwischen den beweglichen Teilen vermeidet auch eine vorzeitige Abnutzung der Dichtung.

Das Verhalten der Seehunde ist sehr abhängig von ihrer Form, sondern vor allem die Typ der Verbindung eingesetzt, die die Qualität unterscheidet. Für die statische Dichtungen wird fast in allen Fällen verwendet der O-Ring. Wie schon erwähnt, "Verbindung" realisiert wird, mit dem die Dichtung die besondere Qualität der gleiche ist. JA ist es notwendig, auf die Anbieter, die im Laufe der Zeit die Kohärenz der Eigenschaften der Verbindung so weit auseinander zuführt einheitlichen Qualität verlassen können. Die Formulierungen von Mischungen mit hochwertigen Rohstoffen müssen die Anforderungen für den Einsatz als Kompatibilität, chemische Beständigkeit und Temperatur-Anwendungen. Offensichtlich bieten mehrere unterschiedliche Verbindungen Performance und Kompatibilität der vom Hersteller mit einer Garantie von Kontinuität in der Zeit erklärt. NBR (Butadien - Acrylonitril) Verbindungen am häufigsten im Bereich der Pneumatik auf NBR und FKM-Elastomere bezogen.

#### Nitrilkautschuk NBR

Ein Polymer auf Basis von Butadien und Acrylonitril: Der Prozentsatz der Acrylonitril ist variabel zwischen 20% und 50%. Ein bestimmter Prozentsatz der maggionre Acrylonitril fördert besseres Verhalten gegen mineralische Öle und Fette, aber es verringert die Elastizität, das Kaltverhalten wird noch schlimmer und akzentuiert die bleibende Verformung nach dem Loslassen Kompression (Compression Set). In der Mischung auf Basis NBR werden häufig Materialien, die die Verschleißfestigkeit zu begünstigen und die Möglichkeit geben, in der Abwesenheit von Schmierung arbeiten eingeführt. Die Kompatibilität mit Mineralölen, pflanzlichen, tierischen Ölen, Kraftstoffen (Diesel) ist gut. besonders gut mit Wasser bis zu 100 ° C und anorganischen Säuren in geringer Konzentration. Der thermische Einsatzbereich liegt zwischen -30 ° C bis +100 ° C.



## Elementi di tenuta

Elements of seal

Dichtungselemente



### Gomma fluorata FKM

Denominazione commerciale VITON®

È una miscela a base fluorata con elevata resistenza termica e stabilità chimica. Ha una buona resistenza ad alcuni olii sintetici, all'ossigeno, ozono ed idrocarburi aromatici. Per applicazione in acqua calda e vapore sono necessarie mescole speciali. Il campo termico di applicazione varia da -20 °C a +200 °C. La sua capacità di tornare rapidamente alle dimensioni originali dopo una compressione (memoria elastica) è inferiore a quella della miscela nitrilica. Le garanzioni in entrambe le mescole sono realizzabili in varie durezza shore.



### Fluoro rubber FKM

Trade name VITON®

Is a fluorine based compound with high heat resistance and chemical stability. It has good resistance to some synthetic oils, oxygen, ozone and aromatic hydrocarbons. For application in hot water and steam are needed special compounds. The thermal field of application ranges from -20 °C to +200 °C. Its ability to quickly return to its original size after compression (elastic memory) is lower than that of the compound Nitrile.

The gaskets in both compounds can be made in various shore hardnesses.



### Fluorkautschuck FKM

Handelsnamen VITON®

ein Fluor-basierte Verbindung mit hoher Wärmebeständigkeit und chemische Beständigkeit. Es hat gute Beständigkeit gegenüber einigen synthetische Öle, Sauerstoff, Ozon und aromatische Kohlenwasserstoffe. Für den Einsatz in Heißwasser und Dampf sind spezielle Verbindungen benötigt. Der thermische Einsatzbereich reicht von -20 °C bis +200 °C. Seine Fähigkeit, schnell auf seine ursprüngliche Größe nach der Kompression (elastisch-Speicher) Nutzen geringer ist als die der Verbindung Nitril. Die Dichtungen in beiden Verbindungen können in verschiedenen Shore-Härten hergestellt werden.

### Proprietà dei materiali

### Material properties

Criteri d'impiego Criteria for use	Materiali secondo ISO 1629/Materials to ISO 1629												
	NBR	FPM	MVQ	EPDM	CR	HNBR	MFQ	FFKM <sup>③</sup>	ACM	IIR	SBR	AU/EU	NR
Resistenza agli acidi Resistance to acids	BC	A	BC	B	BC	B	BC	A	D	A	B	D	BC
Resistenza al vapore Resistance to steam	BC	BC	BC	A	B	B	BC	A	D	A	BC	D	D
Resistenza agli oli/grassi minerali Resistance to mineral oil/grease	A	A	B	D	AB	A	A	A	A	D	D	A	D
Resistenza agli oli/grassi sintetici (Esteri) <sup>①</sup> Resistance to synthetic (esteric) <sup>①</sup> oil/grease	BC	A	B	D	D	BC	B	A	D	D	D	D	D
Resistenza ai combustibili normali Resistance to premium-grade fuel	A	A	D	D	A	A	B	A	A	D	D	B	D
Resistenza ai combustibili super Resistance to super-grade fuel	C	A	D	D	D	A	B	A	A	D	D	B	D
Resistenza ai combustibili diesel Resistance to diesel oil	B	A	D	D	D	A	B	A	A	D	D	B	D
Resistenza ai combustibili paraffina Resistance to paraffin	A	A	D	D	C	A	B	A	A	D	D	B	D
Resistenza all'ozono <sup>②</sup> Ozone resistance <sup>②</sup>	D	A	A	A	AB	B	A	A	A	A	C	A	D
Resistenza alle intemperie Resistance to weathering	C	A	A	A	A	AB	A	A	A	A	C	A	D
Resistenza al caldo Heat resistance	B	A	A	B	B	B	A	A	B	B	B	C	D
Resistenza al freddo Low temperature resistance	B	C	A	AB	AB	AB	A	C	B	B	B	B	BC
Tenuta ai gas Gas permeability	B	A	D	C	B	B	C	A	B	A	C	B	C
Resistenza all'abrasione Abrasion resistance	B	BC	D	BC	B	A	D	BC	B	C	A	A	A
Resilienza Notch resistance	BC	B	D	B	BC	B	D	B	D	B	C	A	BC
Resistenza alla deformazione Deformation resistance	A	A	AB	B	C	A	A	B	B	C	B	C	BC
Caratteristiche dinamiche Dynamic properties	A	B	D	B	B	A	D	B	C	C	B	A	A
Tensione rafforzata Increased tension	B	B	D	B	B	B	D	B	D	B	B	A	A
Caratteristiche elettriche Electrical properties	C	C	B	B	B	C	B	A	D	A	B	B	A
Resistenza alla fiamma Flame resistance	D	A	B	D	B	D	B	A	D	D	D	C	D

① è consigliabile interpellarci

② concentrazione limitata

③ dipende dal compound

A molto buono

B buono

C soddisfacente (impiego non consigliabile)

D cattivo

① we suggest you discuss this with us

② low concentration

③ depending on compound

A very good

B good

C satisfactory (use not recommended)

D poor



**Raccordi a compressione in AISI 316 con doppia ogiva di tenuta per ambienti chimico, petrolchimico, gas tecnici, navale. Fornibili con filettature BSPP e NPT, tubi in pollici e tubi in (mm).**

Compression fittings in AISI 316 with double ferrule for chemical, petrochemical, gas, naval. Available with BSPP and NPT threads, tube in inches and mm pipes.

Klemmringverschraubungen aus Edelstahl AISI 316 mit Doppelquerlenker für chemische, petrochemische, Gas, Marine. Erhältlich mit BSPP und NPT-Gewinde und Rohre in Zoll oder mm.

**Raccordi, valvole, tubi ed accessori in materiali plastici speciali per industria chimica, farmaceutica ed analisi ambientali. Fornibili da DN-2 mm. a DN-25 in versioni standard con filetti gas, NPT e metrici ed speciali su richiesta.**

Fittings, valves, tubes and accessories in special plastic materials for the chemical, pharmaceutical and environmental analysis. Supplied from DN-2 mm to DN-25 in standard versions with gas, NPT and metric threads and special on demand.

Verschraubungen, Ventilen, Rohrleitungen und Armaturen in speziellen Kunststoffmaterialien für die Chemie-, Pharma- und Umweltanalytik. Geliefert von DN-2 mm. DN-25 in Standardausführung mit Gas-, NPT- und metrischen Gewinde und Spezielle auf Anfrage.





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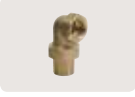
























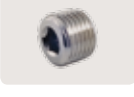
























































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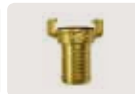
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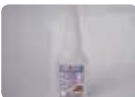














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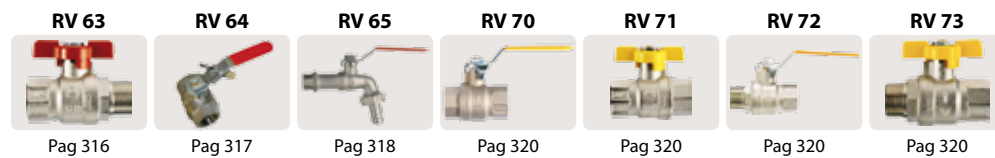
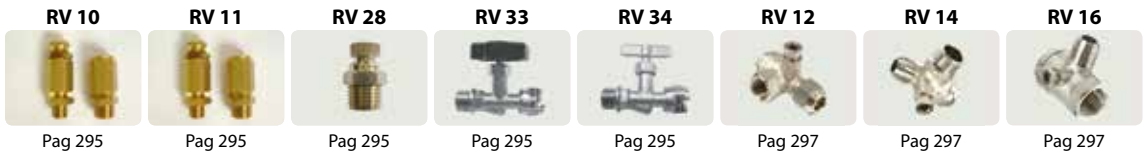


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Ottone  
Brass  
Messing



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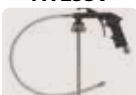











































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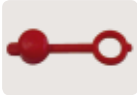










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Drosselrückschlagventil

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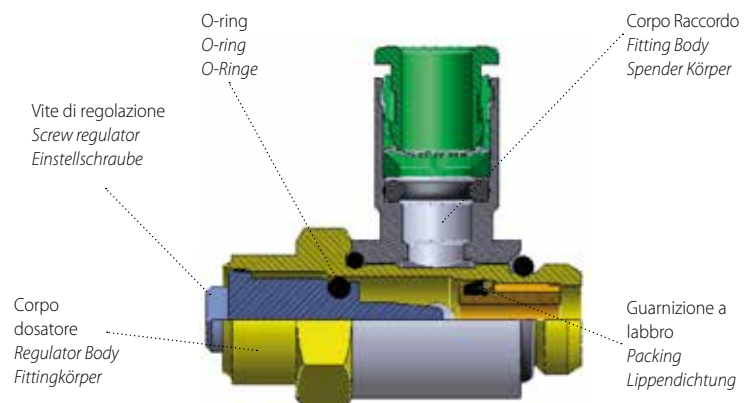


## Dati tecnici dei dosatori di flusso ottone-plastica

Brass-plastic flow regulator technical data

Technischen Daten der Drosselrückschlagventil Messing-Kunststoff

<b>Fluido</b> Aria compressa (altri fluidi a richiesta)	<b>Fluid</b> Compressed air (other fluids on request)	<b>Fluid</b> Druckluft (andere Medien auf Anfrage)
<b>Pressione di esercizio</b> Tubo: Ø4 – Ø10 mm Pressione (con temperatura di utilizzo 20°C): 16 Bar Tubo: Ø12 – Ø14 mm Pressione (con temperatura di utilizzo 20°C): 12 Bar	<b>Working pressure</b> Tubo: Ø4 – Ø10 mm Pressure (with working temperature 20°C): 16 Bar Tubo: Ø12 – Ø14 mm Pressure (with working temperature 20°C): 12 Bar	<b>Druck</b> Schlauch: Ø4 – Ø10 mm Druck (mit einer Betriebstemperatur von 20 ° C): 16 Bar Schlauch: Ø12 – Ø14 mm Druck (mit einer Betriebstemperatur von 20 ° C): 12 Bar
<b>Temperatura di utilizzo</b> 0°C / +70°C	<b>Temperature range</b> 32°F / 158°F	<b>Einsatztemperatur</b> 0°C / + 70°C
<b>Tubi consigliati</b> 1)Poliuretano - 2)Poliammide - 3)Polietilene - 4)Nylon	<b>Recommended tubes</b> 1)Polyurethane - 2)Polyamide - 3)Polyethylene - 4)Nylon	<b>Rohrempfehlungen</b> 1) Polyurethan - 2) Polyamid - 3) Polyethylen - 4) Nylon
<b>Tolleranze</b> ± 0.10 mm	<b>Tolerances</b> ± 0.10 mm	<b>Toleranzen</b> ± 0.10 mm
<b>Tipo di regolazione</b> 1)Regolazione a cacciavite - 2)Regolazione a pomellino	<b>Regulation type</b> 1)Screwdriver regulation - 2)Handle grip regulation	<b>Art der anpassung</b> 1) Abgleichschraubendreher - 2) Einstellknopf auf
<b>Modelli</b> 1)Attacco a connessione istantanea	<b>Models</b> 1)Instant fitting connection	<b>Modelle</b> 1) Greife sofortige Verbindung
<b>Versioni</b> 1) Cilindro - 2) Valvola - 3) Bidirezionale	<b>Control flow</b> 1) Cylinder - 2) Valve - 3) Bidirectional	<b>Versionen</b> 1) Zylinder -2) Ventil - 3) Beiseitig
<b>Materiali</b> Corpo: Ottone nichelato CW614 N / CW617 N Pinza: Acciaio AISI 301 Pulsante: Resina acetalica O-Ring: NBR esente da silicone	<b>Materials</b> Body: Nickel plated brass CW614 N / CW617 N Lock claws: AISI 301 Steel Sleeve: Acetal resin O-Ring: NBR silicon free	<b>Werkstoffen</b> Körper: vernickelt Messing CW614N/CW617N Bremsattel: Edelstahl AISI 301 Taste: Acetal O-Ringe: NBR Silikonfrei
<b>Filettatura</b> BSPP cilindrica UNI-ISO228 - ISO16030 con O-Ring.	<b>Thread types</b> BSPP parallel UNI-ISO228 - ISO16030 with O-ring.	<b>Gewinde</b> BSPP zylindrisch UNI-ISO228 - ISO16030 mit O-Ringen.
<b>Diametri e filetti</b> Diametri da 4 mm a 14 mm - Filettature da M5 a 1/2"	<b>Threads and diameters</b> Diameters from 4 mm to 14 mm - Threads from M5 to 1/2"	<b>Durchmesser und Gewinde</b> Durchmesser von 4 mm bis 14 mm - Gewinde von M5 bis 1/2"
<b>Caratteristiche principali</b> 1.Regolazione fine e stabile. - 2. Robusti. 3. Ingombri ottimizzati.	<b>Main features</b> 1. Precisely and stable regulation. - 2. Strong. 3. Optimized dimensions.	<b>Haupteigenschaften</b> 1. Feineinstellung und stabil. - 2. Robust. 3. Optimierte Abmessungen.



## Dosatori di flusso per cilindro, valvola, bidirezionali ottone-plastica

Brass-plastic flow regulators for cylinder, valve, bidirectional

Drosselrückschlagventil beiseitig drosselbar Messing/Kunststoff

### DK 78

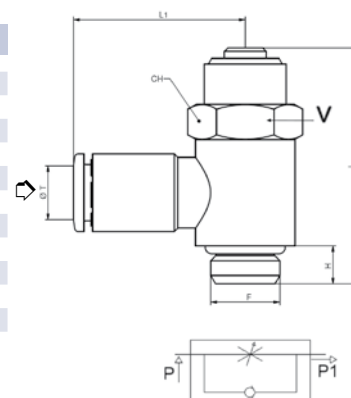


#### Dosatore unidirezionale per valvola cilindrico BSPP-metrico

Unidirectional regulator for valve parallel BSPP-metric

Drosselrückschlagventil für Ventil, zylindrisches Gewinde

Codice/Code	ØT	F"	H	L	L1	CH	■
DK78M504	4	M5	4	22.5	17	8	10
DK781804	4	G1/8	5.5	34	21.1	14	10
DK78M506	6	M5	4	22.5	19.5	8	10
DK781806	6	G1/8	5.5	34	24.3	14	10
DK781406	6	G1/4	6.5	42	25.5	17	10
DK781808	8	G1/8	5.5	34	24.8	14	10
DK781408	8	G1/4	6.5	42	26.5	17	10
DK783808	8	G3/8	7.5	46.5	28	20	10
DK781410	10	G1/4	6.5	42	28.4	17	10
DK783810	10	G3/8	7.5	46.5	29.9	20	10
DK783812	12	G3/8	7.5	46.5	31.4	20	10



### DK 79

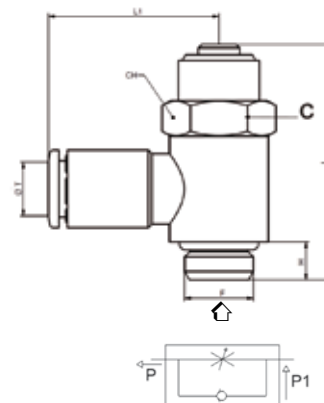


#### Dosatore per cilindro unidirezionale cilindrico BSPP-metrico

Unidirectional regulator for cylinder parallel BSPP-metric

Drosselrückschlagventil für Zylinder, zylindrisches Gewinde

Codice/Code	ØT	F"	H	L	L1	CH	■
DK79M504	4	M5	4	22.5	17	8	10
DK791804	4	G1/8	5.5	34	21.1	14	10
DK79M506	6	M5	4	22.5	19.5	8	10
DK791806	6	G1/8	5.5	34	24.3	14	10
DK791406	6	G1/4	6.5	42	25.5	17	10
DK791808	8	G1/8	5.5	34	24.8	14	10
DK791408	8	G1/4	6.5	42	26.5	17	10
DK793808	8	G3/8	7.5	46.5	28	20	10
DK791410	10	G1/4	6.5	42	28.4	17	10
DK793810	10	G3/8	7.5	46.5	29.9	20	10
DK793812	12	G3/8	7.5	46.5	31.4	20	10
DK791212	12	G1/2	9	53	34.9	25	10
DK791214	14	G1/2	9	53	35.5	25	10



### DK 80

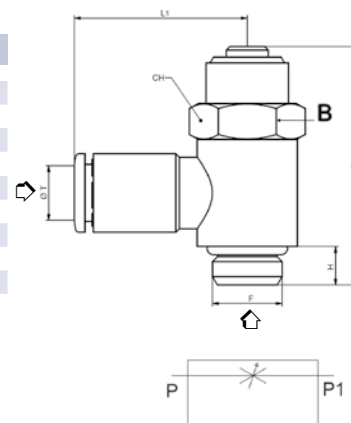


#### Dosatore bidirezionale cilindrico BSPP-metrico

Bidirectional regulator parallel BSPP-metric

Drosselrückschlagventil beiseitig drosselbar, zylindrisches Gewinde

Codice/Code	ØT	F"	H	L	L1	CH	■
DK801804	4	G1/8	5.5	34	21.1	14	10
DK80M506	6	M5	4	22.5	19.5	8	10
DK801806	6	G1/8	5.5	34	24.3	14	10
DK801406	6	G1/4	6.5	42	25.5	17	10
DK801808	8	G1/8	5.5	34	24.8	14	10
DK801408	8	G1/4	6.5	42	26.5	17	10
DK803808	8	G3/8	7.5	46.5	28	20	10
DK801410	10	G1/4	6.5	42	28.4	17	10
DK803810	10	G3/8	7.5	46.5	29.9	20	10
DK803812	12	G3/8	7.5	46.5	31.4	20	10





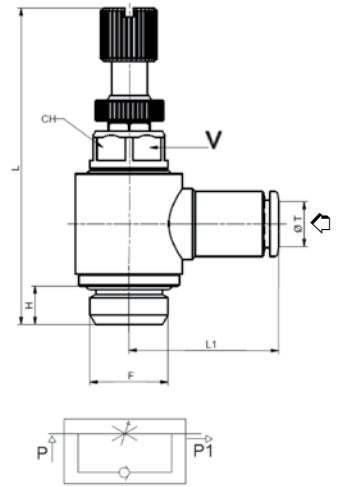
## DK 78P



### Dosatore unidirezionale per valvola cilindrico BSPP-metrico

Unidirectional regulator for valve parallel BSPP-metric  
Drosselrückschlagventil für Ventil, zylindrisches Gewinde

Codice/Code	ØT	F"	H	L min	L max	L1	CH	
DK78PM504	4	M5	4	32.6	35.3	19.5	8	10
DK78P1804	4	G1/8	5.5	40.5	45.9	21.1	9	10
DK78PM506	6	M5	4	32.6	35.3	22.3	8	10
DK78P1806	6	G1/8	5.5	40.5	45.9	24.3	9	10
DK78P1406	6	G1/4	6.5	48	53.5	25.5	12	10
DK78P1808	8	G1/8	5.5	40.5	45.9	24.8	9	10
DK78P1408	8	G1/4	6.5	48	53.5	26.5	12	10
DK78P1410	10	G1/4	6.5	48	53.5	28.4	12	10



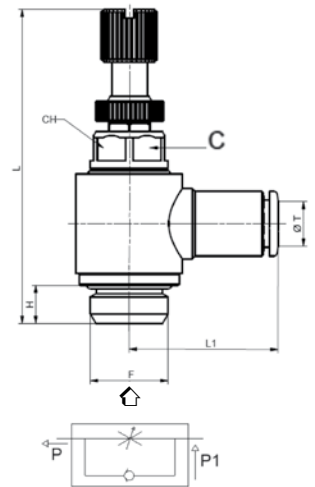
## DK 79P



### Dosatore per cilindro unidirezionale cilindrico BSPP-metrico

Unidirectional regulator for cylinder parallel BSPP-metric  
Drosselrückschlagventil für Zylinder, zylindrisches Gewinde

Codice/Code	ØT	F"	H	L min	L max	L1	CH	
DK79PM504	4	M5	4	32.6	35.3	19.5	8	10
DK79P1804	4	G1/8	5.5	40.5	45.9	21.1	9	10
DK79PM506	6	M5	4	32.6	35.3	22.3	8	10
DK79P1806	6	G1/8	5.5	40.5	45.9	24.3	9	10
DK79P1406	6	G1/4	6.5	48	53.5	25.5	12	10
DK79P1808	8	G1/8	5.5	40.5	45.9	24.8	9	10
DK79P1408	8	G1/4	6.5	48	53.5	26.5	12	10
DK79P1410	10	G1/4	6.5	48	53.5	28.4	12	10



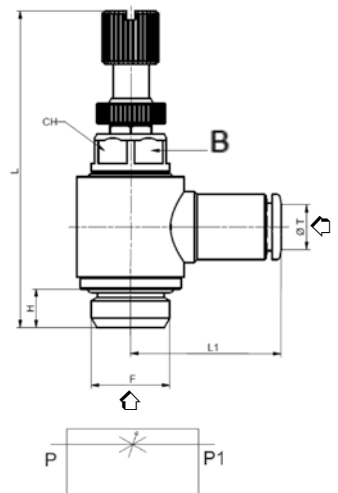
## DK 80P



### Dosatore bidirezionale cilindrico BSPP-metrico

Bidirectional regulator parallel BSPP-metric  
Drosselrückschlagventil beiseitig drosselbar, zylindrisches Gewinde

Codice/Code	ØT	F"	H	L min	L max	L1	CH	
DK80P1804	4	G1/8	5.5	40.5	45.9	21.1	9	10
DK80PM506	6	M5	4	32.6	35.3	22.3	8	10
DK80P1806	6	G1/8	5.5	40.5	45.9	24.3	9	10
DK80P1406	6	G1/4	6.5	48	53.5	25.5	12	10
DK80P1808	8	G1/8	5.5	40.5	45.9	24.8	9	10
DK80P1408	8	G1/4	6.5	48	53.5	26.5	12	10
DK80P1410	10	G1/4	6.5	48	53.5	28.4	12	10



## Dosatori di flusso per cilindro, valvola, bidirezionale in ottone

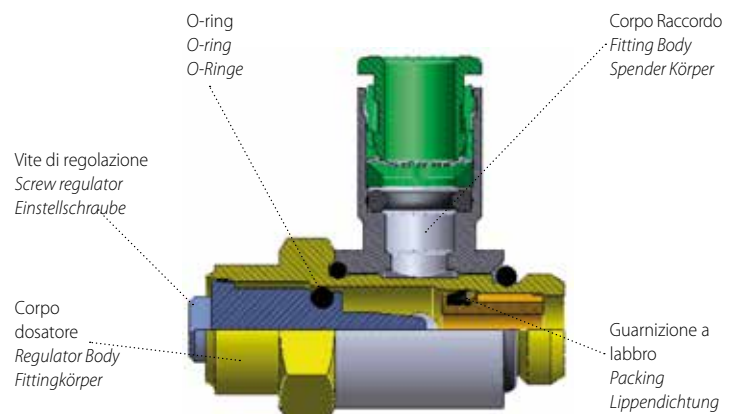
Brass flow regulators for cylinder, valve, bidirectional  
Drosselrückschlagventil beiseitig drosselbar Messing

### Dati tecnici dei dosatori di flusso in ottone

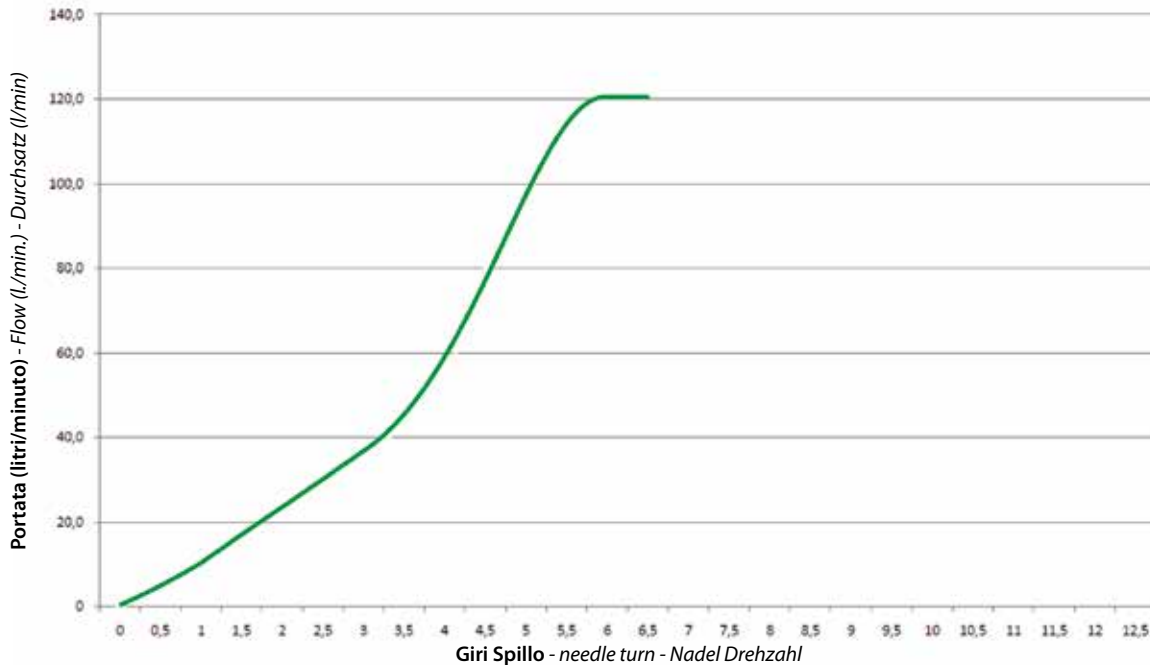
Brass flow regulator technical data

Technischen Daten der Drosselrückschlagventil Messing

<b>Fluido</b> Aria compressa (altri fluidi a richiesta)	<b>Fluid</b> Compressed air (other fluids on request)	<b>Fluid</b> Druckluft (andere Medien auf Anfrage)
<b>Pressione di esercizio</b> Tubo: Ø4 – Ø10 mm Pressione (con temperatura di utilizzo 20°C): 16 Bar Tubo: Ø12 – Ø14 mm Pressione (con temperatura di utilizzo 20°C): 12 Bar	<b>Working pressure</b> Tube: Ø4 – Ø10 mm Pressure (with working temperature 20°C): 16 Bar Tube: Ø12 – Ø14 mm Pressure (with working temperature 20°C): 12 Bar	<b>Druck</b> Schlauch: Ø4 – Ø10 mm Druck (mit einer Betriebstemperatur von 20 °C): 16 Bar Schlauch: Ø12 – Ø14 mm Druck (mit einer Betriebstemperatur von 20 °C): 12 Bar
<b>Temperatura di utilizzo</b> 0°C / +70°C	<b>Temperature range</b> 32°F / 158°F	<b>Einsatztemperatur</b> 0°C / +70°C
<b>Tubi consigliati</b> 1)Poliuretano - 2)Poliammide - 3)Polietilene - 4)Nylon	<b>Recommended tubes</b> 1)Polyurethane - 2)Polyamide - 3)Polyethylen - 4)Nylon	<b>Rohrempfehlungen</b> 1) Polyurethan - 2) Polyamid - 3) Polyethylen - 4) Nylon
<b>Tolleranze</b> ± 0.10 mm	<b>Tolerances</b> ± 0.10 mm	<b>Toleranzen</b> ± 0.10 mm
<b>Tipo di regolazione</b> 1)Regolazione a cacciavite - 2)Regolazione a pomellino	<b>Regulation type</b> 1)Screwdriver regulation - 2)Handle grip regulation	<b>Art der anpassung</b> 1) Abgleichschraubendreher - 2) Einstellknopf auf
<b>Modelli</b> 1)Attacco a connessione istantanea	<b>Models</b> 1)Instant fitting connection	<b>Modelle</b> 1) Greife sofortige Verbindung
<b>Versioni</b> 1) Cilindro - 2) Valvola - 3) Bidirezionale	<b>Control flow</b> 1) Cylinder - 2) Valve - 3) Bidirectional	<b>Versionen</b> 1) Zylinder - 2) Ventil - 3) Beiseitig
<b>Materiali</b> Corpo: Ottone nichelato CW614 N / CW617 N Pinza: Acciaio AISI 301 Pulsante: Ottone nichelato CW614 N O-Ring: NBR esente da silicone	<b>Materials</b> Body: Nickel plated brass CW614 N / CW617 N Lock claws: AISI 301 Steel Sleeve: Nickel plated brass CW614 N O-Ring: NBR silicon free	<b>Werkstoffen</b> Körper: vernickelt Messing CW614N/CW617N Bremsattel: Edelstahl AISI 301 Taste: vernickelt Messing CW614N O-Ringe: NBR Silikonfrei
<b>Filettatura</b> BSPP cilindrica UNI-ISO228 - ISO16030 con O-Ring.	<b>Thread types</b> BSPP parallel UNI-ISO228 - ISO16030 with O-ring.	<b>Gewinde</b> BSPP zylindrisch UNI-ISO228 - ISO16030 mit O-Ringen.
<b>Diametri e filetti</b> Diametri da 4 mm a 14 mm - Filettature da M5 a 1/2"	<b>Threads and diameters</b> Diameters from 4 mm to 14 mm - Threads from M5 to 1/2"	<b>Durchmesser und Gewinde</b> Durchmesser von 4 mm bis 14 mm - Gewinde von M5 bis 1/2"
<b>Caratteristiche principali</b> 1.Regolazione fine e stabile. - 2. Robusti. 3. Ingombri ottimizzati.	<b>Main features</b> 1. Precisely and stable regulation. - 2. Strong. 3. Optimized dimensions.	<b>Haupteigenschaften</b> 1. Feineinstellung und stabil. - 2. Robust. 3. Optimierte Abmessungen.



**DT79M506 - DT79PM506 - DK79M506 - DK79PM506**



**Portata Max. asta libera (senza raccordo) 316,8 NI/min.**

*Max. flow free steam (without fitting) 316,8 NI/min.*

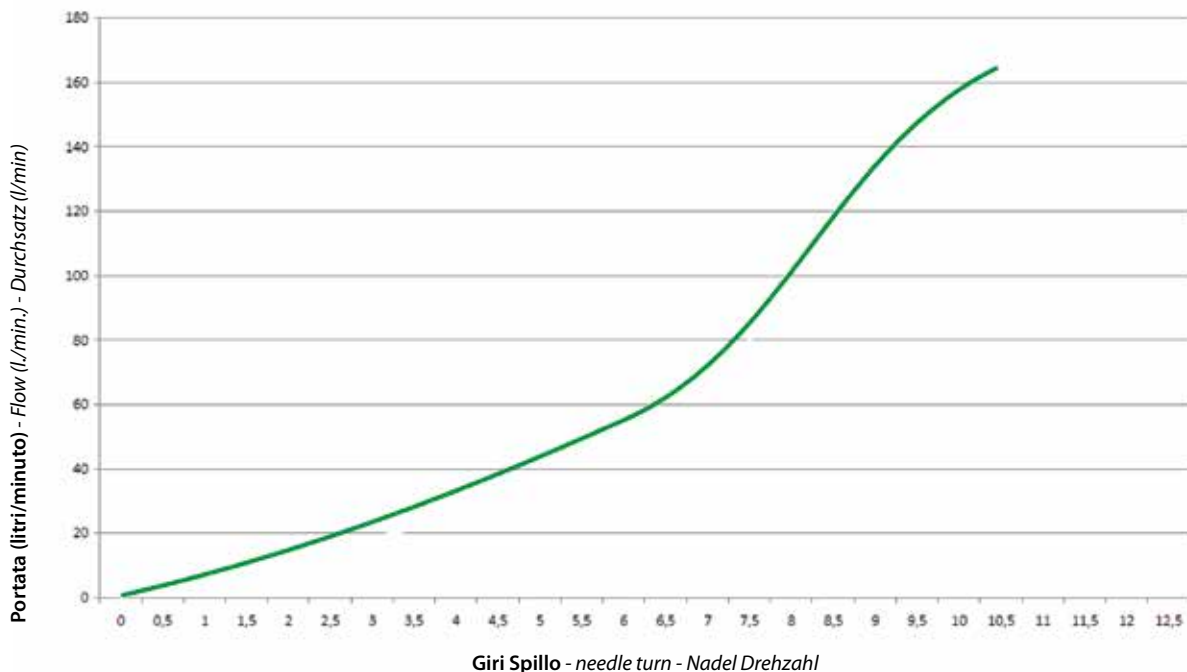
*Maximal Durchsatz freie Drehestift (ohne Verschraubung) 316,8 NI/min.*

**(pressione di ingresso 6 bar)**

*(inlet - pressure 6 bar)*

*(Einlauf Durchsatz 6 bar)*

**DT791806 - DT79P1806 - DK791806 - DK79P1806**



**Portata Max. asta libera (senza raccordo) 187 NI/min.**

*Max. flow free steam (without fitting) 187 NI/min.*

*Maximal Durchsatz freie Drehestift (ohne Verschraubung) 187 NI/min.*

**(pressione di ingresso 6 bar)**

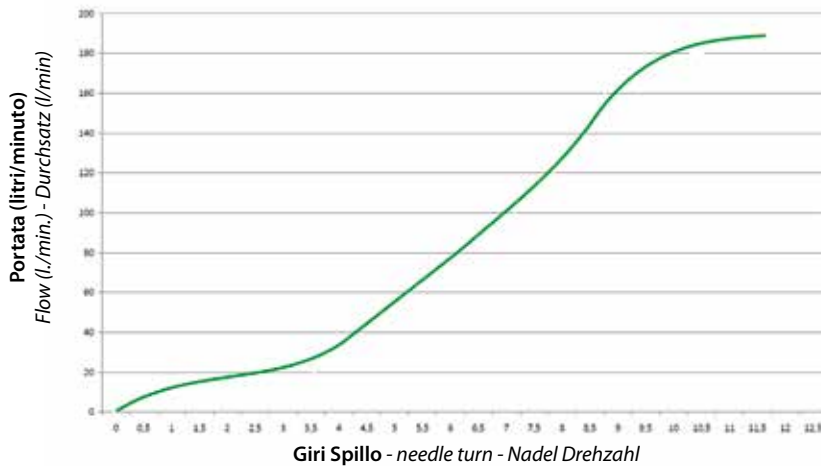
*(inlet - pressure 6 bar)*

*(Einlauf Durchsatz 6 bar)*

## Dosatori di flusso per cilindro, valvola, bidirezionale in ottone

Brass flow regulators for cylinder, valve, bidirectional  
Drosselrückschlagventil beiseitig drosselbar Messing

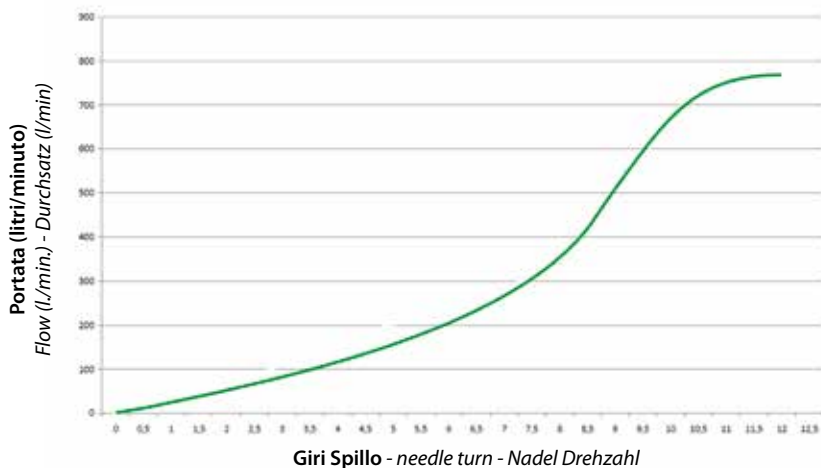
### DT791408 - DT79P1408 - DK791408 - DK79P1408



**Portata Max. asta libera  
(senza raccordo) 476 NI/min.**  
*Max. flow free steam  
(without fitting) 476 NI/min.*  
*Maximal Durchsatz freie Drehestift  
(ohne Verschraubung) 476 NI/min.*

**(pressione di ingresso 6 bar)**  
*(inlet - pressure 6 bar)*  
*(Einlauf Durchsatz 6 bar)*

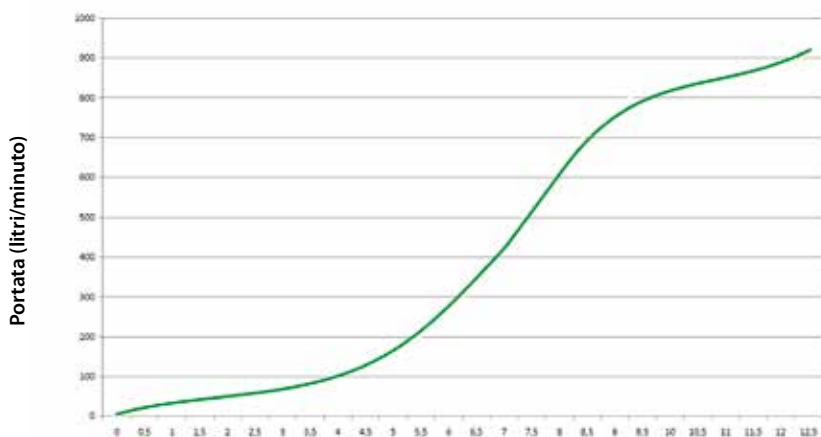
### DT793812 - DT79P3812 - DK793812 - DK79P3812



**Portata Max. asta libera  
(senza raccordo) 765 NI/min.**  
*Max. flow free steam  
(without fitting) 765 NI/min.*  
*Maximal Durchsatz freie Drehestift  
(ohne Verschraubung) 765 NI/min.*

**(pressione di ingresso 6 bar)**  
*(inlet - pressure 6 bar)*  
*(Einlauf Durchsatz 6 bar)*

### DT791212 - DT79P1212 - DK791212 - DK79P1212



**Portata Max. asta libera  
(senza raccordo) 1105 NI/min.**  
*Max. flow free steam  
(without fitting) 1105 NI/min.*  
*Maximal Durchsatz freie Drehestift  
(ohne Verschraubung) 1105 NI/min.*

**(pressione di ingresso 6 bar)**  
*(inlet - pressure 6 bar)*  
*(Einlauf Durchsatz 6 bar)*



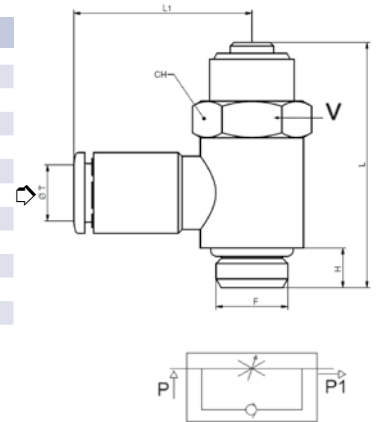
### DT 78



#### Dosatore unidirezionale per valvola cilindrico BSPP-metrico

Unidirectional regulator for valve parallel BSPP-metric  
Drosselrückschlagventil für Ventil, zylindrisches Gewinde

Codice/Code	ØT	F"	H	L	L1	CH	■
DT78M504	4	M5	4	22.5	17	8	10
DT781804	4	G1/8	5.5	34	21.1	14	10
DT78M506	6	M5	4	22.5	19.5	8	10
DT781806	6	G1/8	5.5	34	24.3	14	10
DT781406	6	G1/4	6.5	42	25.5	17	10
DT781808	8	G1/8	5.5	34	24.8	14	10
DT781408	8	G1/4	6.5	42	26.5	17	10
DT783808	8	G3/8	7.5	46.5	28	20	10
DT781410	10	G1/4	6.5	42	28.4	17	10
DT783810	10	G3/8	7.5	46.5	29.9	20	10
DT783812	12	G3/8	7.5	46.5	31.4	20	10



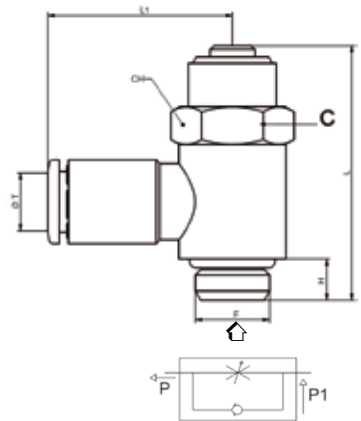
### DT 79



#### Dosatore per cilindro unidirezionale cilindrico BSPP-metrico

Unidirectional regulator for cylinder parallel BSPP-metric  
Drosselrückschlagventil für Zylinder, zylindrisches Gewinde

Codice/Code	ØT	F"	H	L	L1	CH	■
DT79M504	4	M5	4	22.5	17	8	10
DT791804	4	G1/8	5.5	34	21.1	14	10
DT79M506	6	M5	4	22.5	19.5	8	10
DT791806	6	G1/8	5.5	34	24.3	14	10
DT791406	6	G1/4	6.5	42	25.5	17	10
DT791808	8	G1/8	5.5	34	24.8	14	10
DT791408	8	G1/4	6.5	42	26.5	17	10
DT793808	8	G3/8	7.5	46.5	28	20	10
DT791410	10	G1/4	6.5	42	28.4	17	10
DT793810	10	G3/8	7.5	46.5	29.9	20	10
DT793812	12	G3/8	7.5	46.5	31.4	20	10
DT791212	12	G1/2	9	53	34.9	25	10
DT791214	14	G1/2	9	53	35.5	25	10



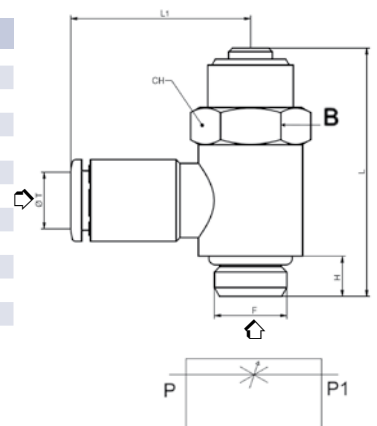
### DT 80



#### Dosatore bidirezionale cilindrico BSPP-metrico

Bidirectional regulator parallel BSPP-metric  
Drosselrückschlagventil beiseitig drosselbar, zylindrisches Gewinde

Codice/Code	ØT	F"	H	L	L1	CH	■
DT801804	4	G1/8	5.5	34	21.1	14	10
DT80M506	6	M5	4	22.5	19.5	8	10
DT801806	6	G1/8	5.5	34	24.3	14	10
DT801406	6	G1/4	6.5	42	25.5	17	10
DT801808	8	G1/8	5.5	34	24.8	14	10
DT801408	8	G1/4	6.5	42	26.5	17	10
DT803808	8	G3/8	7.5	46.5	28	20	10
DT801410	10	G1/4	6.5	42	28.4	17	10
DT803810	10	G3/8	7.5	46.5	29.9	20	10
DT803812	12	G3/8	7.5	46.5	31.4	20	10
DT801212	12	G1/2	9	53	34.9	25	10
DT801214	14	G1/2	9	53	35.5	25	10



## Dosatori di flusso per cilindro, valvola, bidirezionale in ottone

Brass flow regulators for cylinder, valve, bidirectional  
Drosselrückschlagventil beiseitig drosselbar Messing

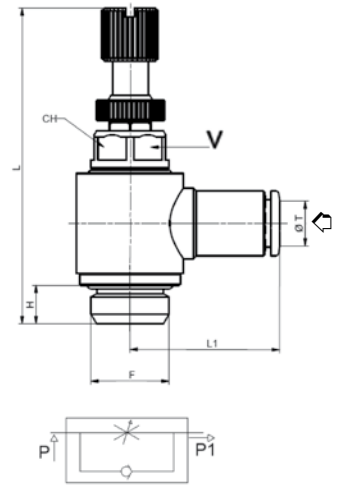
### DT 78P



#### Dosatore unidirezionale per valvola cilindrico BSPP-metrico

Unidirectional regulator for valve parallel BSPP-metric  
Drosselrückschlagventil für Ventil, zylindrisches Gewinde

Codice/Code	ØT	F"	H	L min	L max	L1	CH	
DT78PM504	4	M5	4	32,6	35,3	19,5	8	10
DT78P1804	4	G1/8	5,5	40,5	45,9	21,1	9	10
DT78PM506	6	M5	4	32,6	35,3	22,3	8	10
DT78P1806	6	G1/8	5,5	40,5	45,9	24,3	9	10
DT78P1406	6	G1/4	6,5	48	53,5	25,5	12	10
DT78P1808	8	G1/8	5,5	40,5	45,9	24,8	9	10
DT78P1408	8	G1/4	6,5	48	53,5	26,5	12	10
DT78P1410	10	G1/4	6,5	48	53,5	28,4	12	10



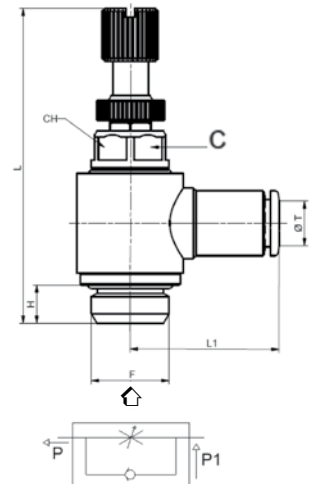
### DT 79P



#### Dosatore per cilindro unidirezionale cilindrico BSPP-metrico

Unidirectional regulator for cylinder parallel BSPP-metric  
Drosselrückschlagventil für Zylinder, zylindrisches Gewinde

Codice/Code	ØT	F"	H	L min	L max	L1	CH	
DT79PM504	4	M5	4	32,6	35,3	19,5	8	10
DT79P1804	4	G1/8	5,5	40,5	45,9	21,1	9	10
DT79PM506	6	M5	4	32,6	35,3	22,3	8	10
DT79P1806	6	G1/8	5,5	40,5	45,9	24,3	9	10
DT79P1406	6	G1/4	6,5	48	53,5	25,5	12	10
DT79P1808	8	G1/8	5,5	40,5	45,9	24,8	9	10
DT79P1408	8	G1/4	6,5	48	53,5	26,5	12	10
DT79P1410	10	G1/4	6,5	48	53,5	28,4	12	10



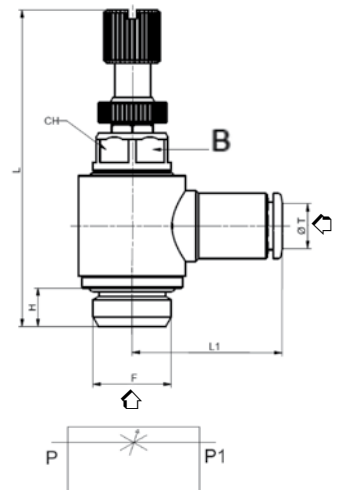
### DT 80P



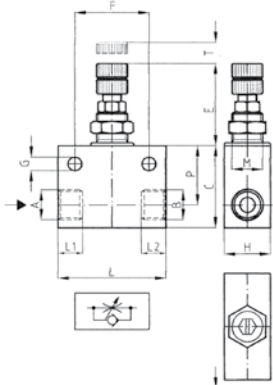
#### Dosatore bidirezionale cilindrico BSPP-metrico

Bidirectional regulator parallel BSPP-metric  
Drosselrückschlagventil beiseitig drosselbar, zylindrisches Gewinde

Codice/Code	ØT	F"	H	L min	L max	L1	CH	
DT80P1804	4	G1/8	5,5	40,5	45,9	21,1	9	10
DT80PM506	6	M5	4	32,6	35,3	22,3	8	10
DT80P1806	6	G1/8	5,5	40,5	45,9	24,3	9	10
DT80P1406	6	G1/4	6,5	48	53,5	25,5	12	10
DT80P1808	8	G1/8	5,5	40,5	45,9	24,8	9	10
DT80P1408	8	G1/4	6,5	48	53,5	26,5	12	10
DT80P1410	10	G1/4	6,5	48	53,5	28,4	12	10



## DT 81P



### Dosatore di flusso unidirezionale F.F. in linea

Unidirectional flow regulator F.F. in line  
Drosselrückschlagventil Innengewinde im Einklang

Codice/Code	A-B"	L1-L2	L	C	H	M	F	G	E	P	T	
<b>DT81P1818</b>	G1/8	8	35	27	15	10X1	24	4.5	26	19.5	7	10
<b>DT81P1414</b>	G1/4	9.5	40	30	18	10X1	24	4.5	26	21	7	10
<b>DT81P3838</b>	G3/8	10.5	45	35	22	15X1	30	6	31	25	8.5	10
<b>DT81P1212</b>	G1/2	12	57	40	27	15X1	30	6	31	26	8.5	10

#### Pressione di esercizio

Working pressure  
Betriebsdruck

#### PRESSIONE

Pressure  
Druck  
0,5-10 Bar

#### Temperatura di utilizzo

Temperature range  
Temperatur

0°C +65°C

#### Materiali

Materials

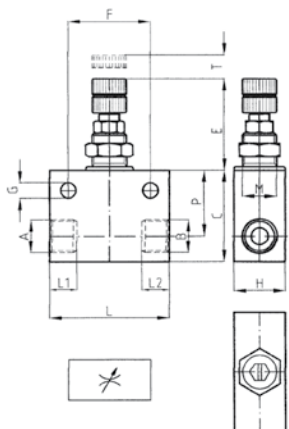
Werkstoffen

#### Corpo in alluminio 11S anodizzato grigio

#### Vite di regolazione in ottone nichelato

Body aluminium 11S grey anodization  
Screw regulation in brass nickel plated  
Grau eloxiertes Aluminiumkörper 11S  
Einstellschraube im vernickelt Messing

## DT 82P



### Dosatore di flusso bidirezionale F.F. in linea

Bidirectional flow regulator F.F. in line  
Drosselrückschlagventil beiseitig drosselbar Innengewinde im Einklang

Codice/Code	A-B"	L1-L2	L	C	H	M	F	G	E	P	T	
<b>DT82P1818</b>	G1/8	8	35	27	15	10X1	24	4.5	26	19.5	7	10
<b>DT82P1414</b>	G1/4	9.5	40	30	18	10X1	24	4.5	26	21	7	10
<b>DT82P3838</b>	G3/8	10.5	45	35	22	15X1	30	6	31	25	8.5	10
<b>DT82P1212</b>	G1/2	12	57	40	27	15X1	30	6	31	26	8.5	10

#### Pressione di esercizio

Working pressure  
Betriebsdruck

#### PRESSIONE

Pressure  
Druck  
0,5-10 Bar

#### Temperatura di utilizzo

Temperature range  
Temperatur

0°C +65°C

#### Materiali

Materials

Werkstoffen

#### Corpo in alluminio 11S anodizzato grigio

#### Vite di regolazione in ottone nichelato

Body aluminium 11S grey anodization  
Screw regulation in brass nickel plated  
Grau eloxiertes Aluminiumkörper 11S  
Einstellschraube im vernickelt Messing

**Dosatori di flusso per cilindro, valvola, bidirezionale in ottone**

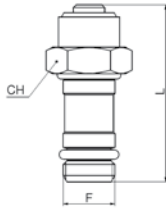
Brass flow regulators for cylinder, valve, bidirectional

Drosselrückschlagventil beiseitig drosselbar Messing

**Asta cacciavite (articolo non vendibile singolarmente)**

Screw driver (Item not sold separately)

Schraubendeher Stiel (Artikel nicht einzeln verkauft)



F"	L	CH
M5	22,5	8
G1/8	34	14
G1/4	42	17
G3/8	46,5	20
G1/2	53	25

**Disponibili versioni: valvola, cilindro e bidirezionale**

Available versions: valve, cylinder, two-way

Verfügbare Versionen: Ventil, Zylinder, 2-Wege

**Possibili combinazioni a richiesta**

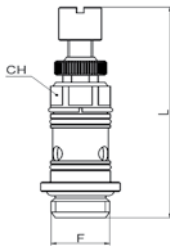
Possible combinations on demand

Mögliche Kombinationen auf Anfrage

**Asta pomello (articolo non vendibile singolarmente)**

Knob driver (Item not sold separately)

Kugelknopf Stiel (Artikel nicht einzeln verkauft)



F"	L max	L min	CH
M5	35.3	32.6	8
G1/8	45.9	40.5	9
G1/4	53.5	48	12
G3/8	66.3	55.9	20
G1/2	83.2	70	25

**Disponibili versioni: valvola, cilindro e bidirezionale**

Available versions: valve, cylinder, two-way

Verfügbare Versionen: Ventil, Zylinder, 2-Wege

**Possibili combinazioni a richiesta**

Possible combinations on demand

Mögliche Kombinationen auf Anfrage





## Dati tecnici dei dosatori di flusso in polimero

Plastic flow regulators technical data

Technischen Daten der Drosselrückschlagventil Kunststoff

### Fluido

Aria compressa (altri fluidi a richiesta)

### Pressione di esercizio

Tubo: Ø4 – Ø12 mm  
Pressione: 0 ÷ 10 Bar  
0 ÷ 150 PSI

### Temperatura di utilizzo

0 ÷ 60°C

### Tubi consigliati

1) Poliuretano - 2) Poliammide - 3) Polietilene - 4) Nylon

### Tolleranze

± 0.10 mm

### Materiali

Corpo: Ottone nichelato o resina acetaleica  
Pinza: Acciaio SUS 301  
Pulsante: Resina acetaleica  
O-Ring: NBR

### Filettatura

BSPP cilindrica - BSPT conica teflonata - Metrica con O-Ring

### Diametri e filetti

Diametri da 4 mm a 12 mm - Filettature da M5 a 1/2"

### Caratteristiche principali

1. Tenuta al vuoto - 7,5 PSI (-0,5 Bar)
2. Montaggio istantaneo
3. Passaggio pieno, nessuna riduzione della portata
4. Ingombri ottimizzati
5. Regolazione precisa e fine

### Fluid

Compressed air (other fluids on request)

### Working pressure

Tube: Ø4 – Ø12 mm  
Pressure: 0 ÷ 10 Bar  
0 ÷ 150 PSI

### Temperature range

32 ÷ 140 °F

### Recommended tubes

1) Polyurethane - 2) Polyamide - 3) Polyethylene - 4) Nylon

### Tolerances

± 0.10 mm

### Materials

Body: Nickel plated brass or acetal resin  
Lock claws: SUS 301 Steel  
Sleeve: Acetal resin  
O-Ring: NBR

### Thread types

BSPP cylindrical - BSPT taper with teflon - Metric with O-Ring

### Threads and diameters

Diameters from 4 mm to 12 mm - Threads from M5 to 1/2"

### Main features

1. Vacuum - 7,5 PSI (-0,5 Bar)
2. Instant connection
3. Full passage, no reduction flow
4. Optimized dimensions
5. Accurate regulation and precise motion control

### Fluid

Druckluft (andere Medien auf Anfrage)

### Druck

Schlauch: Ø4 – Ø12 mm  
Druck: 0 ÷ 10 Bar  
0 ÷ 150 PSI

### Einsatztemperatur

0°C ÷ 60°C

### Rohrmpfehlungen

1) Polyurethan - 2) Polyamid - 3) Polyethylen - 4) Nylon

### Toleranzen

± 0.10 mm

### Werkstoffen

Körper: vernickelt Messing oder Acetal  
Bremsattel: Stahl SUS 301  
Taste: Acetal  
O-Ringe: NBR

### Gewinde

BSPP zylindrisch - BSPT konischen Teflon - Metric O-Ring

### Durchmesser und Gewinde

Durchmesser von 4 mm bis 12 mm - Gewinde von M5 bis 1/2"

### Haupteigenschaften

1. Vakuumdichtigkeit - 7,5 PSI (-0,5 Bar)
2. Sofortige Installation
3. Voller Durchgang, keine Reduktion im Umfang
4. Schwere Fußabdruck
5. Präzise und feine Kontrolle

DP-G

DP-B

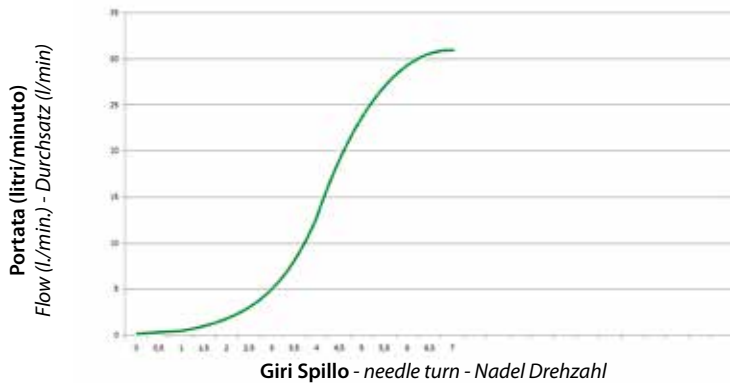
DP

## Dosatori di flusso per cilindro e valvola in polimero

Plastic flow regulators for cylinder and valve

Drosselrückschlagventil Kunststoff

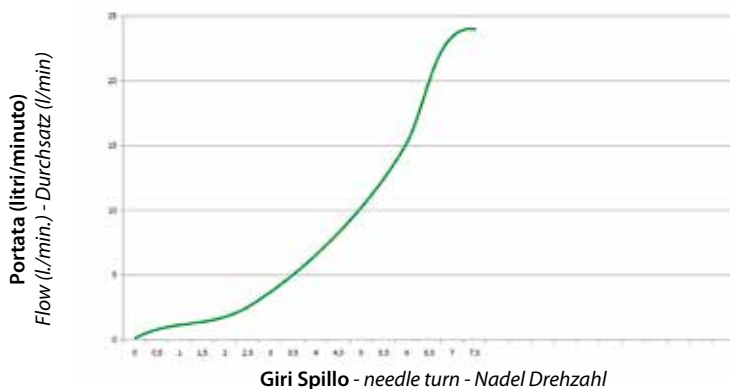
### DP79CM506



**Portata Max. asta libera  
(senza raccordo) 32,3 NI/min.**  
Max. flow free steam  
(without fitting) 32,3 NI/min.  
Maximal Durchsatz freie Drehestift  
(ohne Verschraubung) 32,3 NI/min.

**(pressione di ingresso 6 bar)**  
(inlet - pressure 6 bar)  
(Einlauf Durchsatz 6 bar)

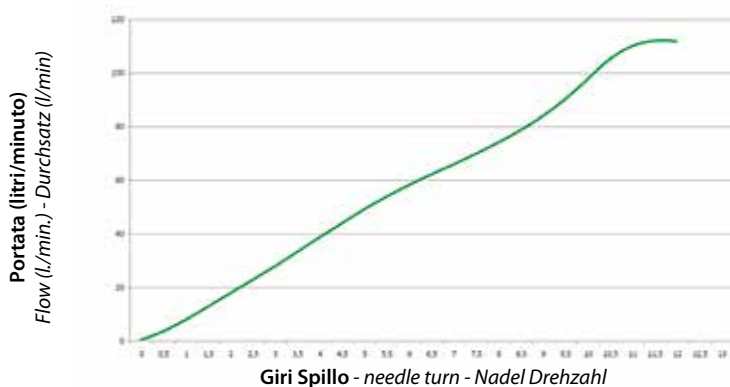
### DP79PM506



**Portata Max. asta libera  
(senza raccordo) 27,2 NI/min.**  
Max. flow free steam  
(without fitting) 27,2 NI/min.  
Maximal Durchsatz freie Drehestift  
(ohne Verschraubung) 27,2 NI/min.

**(pressione di ingresso 6 bar)**  
(inlet - pressure 6 bar)  
(Einlauf Durchsatz 6 bar)

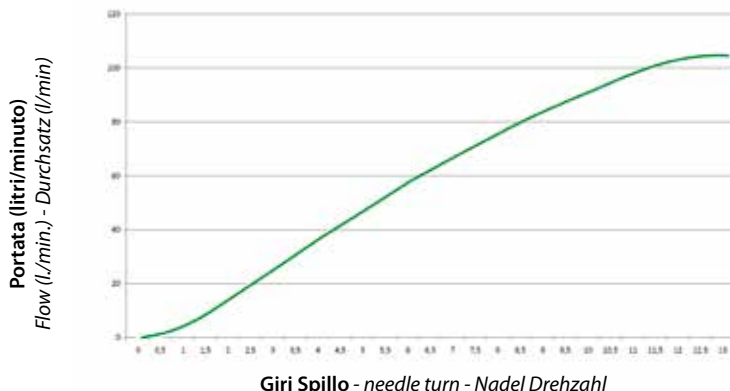
### DP79C1806



**Portata Max. asta libera  
(senza raccordo) 110,5 NI/min.**  
Max. flow free steam  
(without fitting) 110,5 NI/min.  
Maximal Durchsatz freie Drehestift  
(ohne Verschraubung) 110,5 NI/min.

**(pressione di ingresso 6 bar)**  
(inlet - pressure 6 bar)  
(Einlauf Durchsatz 6 bar)

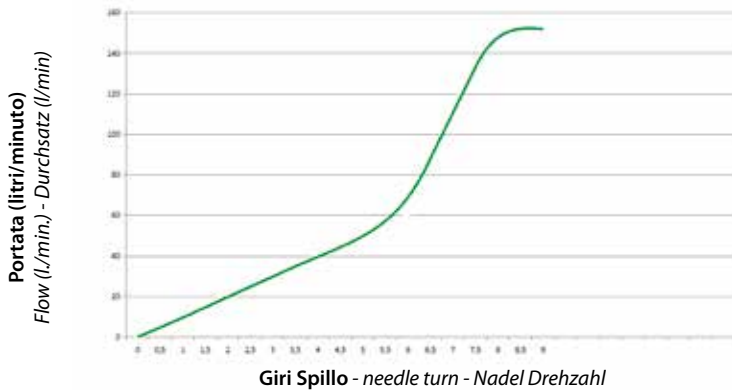
### DP79P1806



**Portata Max. asta libera  
(senza raccordo) 110,5 NI/min.**  
Max. flow free steam  
(without fitting) 110,5 NI/min.  
Maximal Durchsatz freie Drehestift  
(ohne Verschraubung) 110,5 NI/min.

**(pressione di ingresso 6 bar)**  
(inlet - pressure 6 bar)  
(Einlauf Durchsatz 6 bar)

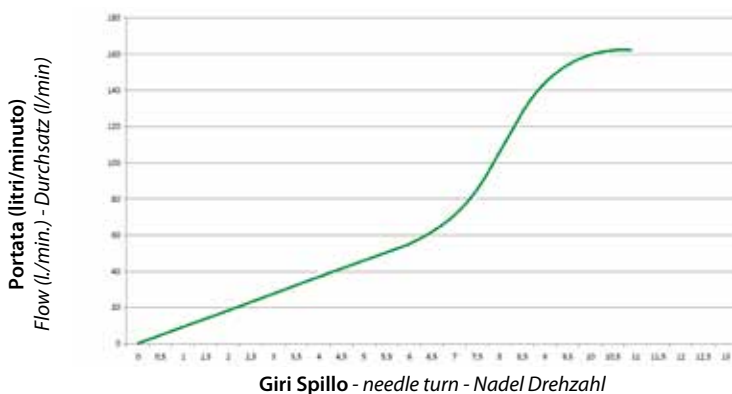
## DP79C1408



**Portata Max. asta libera  
(senza raccordo) 151,3 NI/min.**  
*Max. flow free steam  
(without fitting) 151,3 NI/min.*  
*Maximal Durchsatz freie Drehestift  
(ohne Verschraubung) 151,3 NI/min.*

**(pressione di ingresso 6 bar)**  
*(inlet - pressure 6 bar)*  
*(Einlauf Durchsatz 6 bar)*

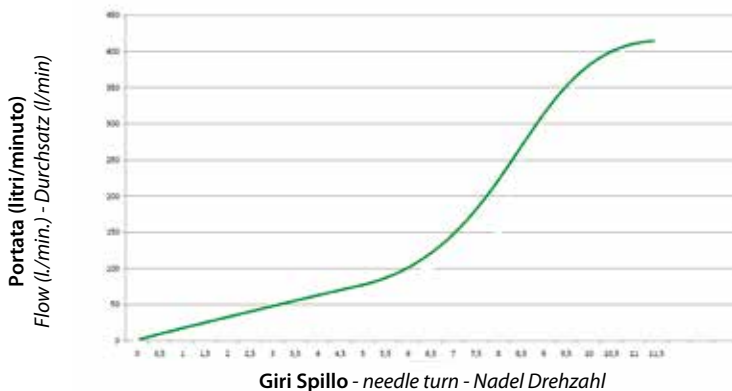
## DP79P1408



**Portata Max. asta libera  
(senza raccordo) 161,5 NI/min.**  
*Max. flow free steam  
(without fitting) 161,5 NI/min.*  
*Maximal Durchsatz freie Drehestift  
(ohne Verschraubung) 161,5 NI/min.*

**(pressione di ingresso 6 bar)**  
*(inlet - pressure 6 bar)*  
*(Einlauf Durchsatz 6 bar)*

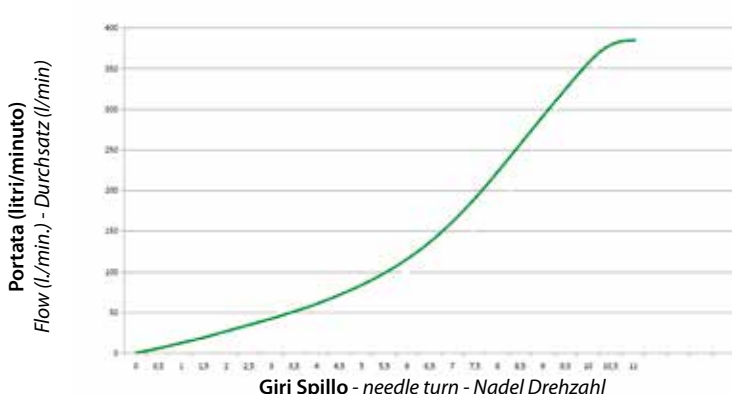
## DP79C3812



**Portata Max. asta libera  
(senza raccordo) 425 NI/min.**  
*Max. flow free steam  
(without fitting) 425 NI/min.*  
*Maximal Durchsatz freie Drehestift  
(ohne Verschraubung) 425 NI/min.*

**(pressione di ingresso 6 bar)**  
*(inlet - pressure 6 bar)*  
*(Einlauf Durchsatz 6 bar)*

## DP79P3812



**Portata Max. asta libera  
(senza raccordo) 425 NI/min.**  
*Max. flow free steam  
(without fitting) 425 NI/min.*  
*Maximal Durchsatz freie Drehestift  
(ohne Verschraubung) 425 NI/min.*

**(pressione di ingresso 6 bar)**  
*(inlet - pressure 6 bar)*  
*(Einlauf Durchsatz 6 bar)*

DP-G

DP-B

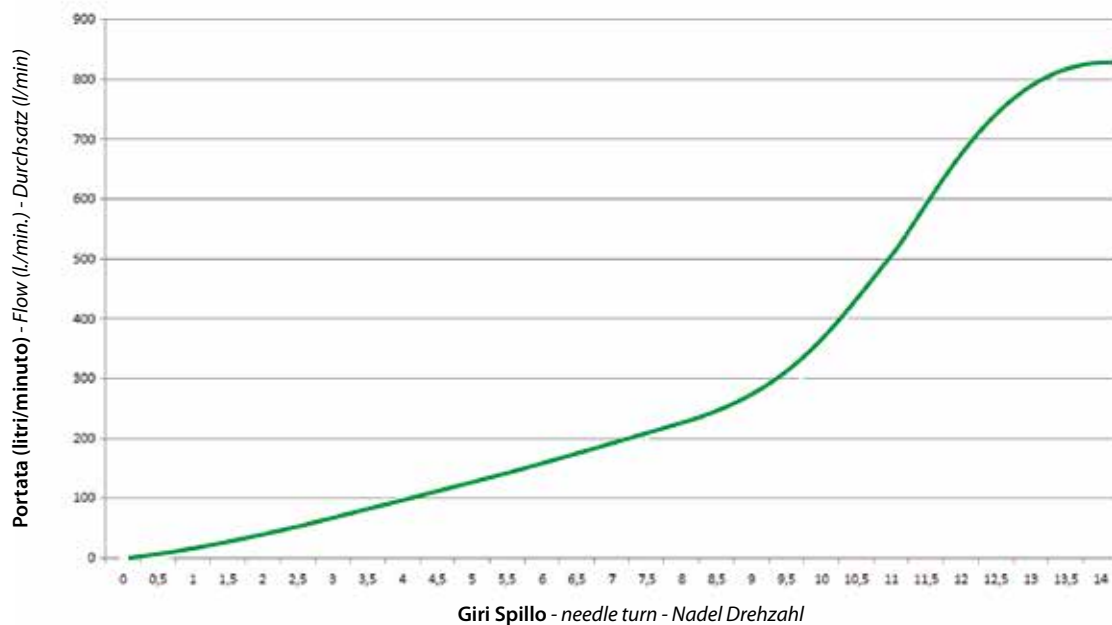
DP

## Dosatori di flusso per cilindro e valvola in polimero

Plastic flow regulators for cylinder and valve

Drosselrückschlagventil Kunststoff

### DP79C1212



**Portata Max. asta libera (senza raccordo) 1054 NI/min.**

*Max. flow free steam (without fitting) 1054 NI/min.*

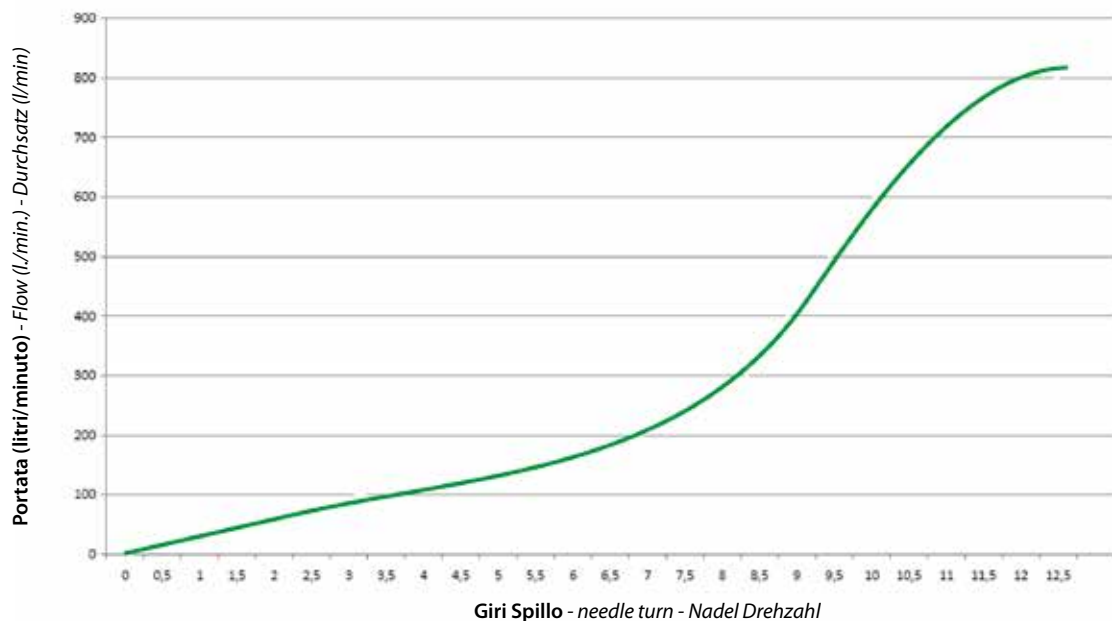
*Maximal Durchsatz freie Drehestift (ohne Verschraubung) 1054 NI/min.*

**(pressione di ingresso 6 bar)**

*(inlet - pressure 6 bar)*

*(Einlauf Durchsatz 6 bar)*

### DP79P1212



**Portata Max. asta libera (senza raccordo) 1054 NI/min.**

*Max. flow free steam (without fitting) 1054 NI/min.*

*Maximal Durchsatz freie Drehestift (ohne Verschraubung) 1054 NI/min.*

**(pressione di ingresso 6 bar)**

*(inlet - pressure 6 bar)*

*(Einlauf Durchsatz 6 bar)*



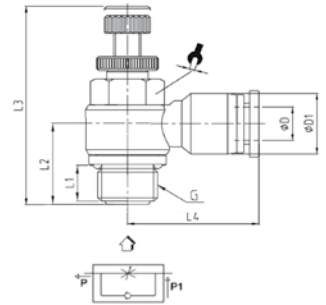
### DP 78P-G new



#### Dosatore per valvola unidirezionale cilindrico BSPP - metrico

Unidirectional regulator for valve parallel BSPP - metric  
Drosselrückschlagventil für Ventil, zylindrisches Gewinde

Code/Code	ØD	G"	L1	L2	L3 (max)	L4	ØD1	⚡	🔥
DP78PM504G	4	M5	3.5	12	32	20.5	11.5	8	10
DP78P1804G	4	G1/8	5.5	14	42	23.5	11.5	12	10
DP78PM506G	6	M5	3.5	12	32	22	13.5	8	10
DP78P1806G	6	G1/8	5.5	14	42	23.5	13.5	12	10
DP78P1406G	6	G1/4	7.5	18	48	25.4	13.5	14	10
DP78P1808G	8	G1/8	5.5	14.5	42	26.5	15	12	10
DP78P1408G	8	G1/4	7.5	19	48	28.9	15	14	10
DP78P3808G	8	G3/8	7.5	20.5	53	29.8	15	19	10
DP78P1410G	10	G1/4	7.5	20	48	32.6	19	14	10
DP78P3810G	10	G3/8	7.5	22.5	53	33	19	19	10



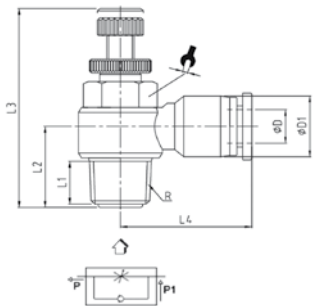
### DP 79KP-G new



#### Dosatore per cilindro unidirezionale conico BSPT

Unidirectional regulator for cylinder taper BSPT  
Drosselrückschlagventil für Zylinder, Konisches Gewinde

Code/Code	ØD	R"	L1	L2	L3 (max)	L4	ØD1	⚡	🔥
DP79KP1804G	4	R1/8	6.4	14	42	23.5	11.5	12	10
DP79KP1404G	4	R1/4	10	18	48	25.5	11.5	14	10
DP79KP1806G	6	R1/8	6.4	14	42	23.5	13.5	12	10
DP79KP1406G	6	R1/4	10	18	48	25.4	13.5	14	10
DP79KP1808G	8	R1/8	6.4	14.5	42	26.5	15	12	10
DP79KP1408G	8	R1/4	10	19	48	28.9	15	14	10
DP79KP3808G	8	R3/8	11.4	20.5	53	29.8	15	19	10
DP79KP1410G	10	R1/4	10	20	48	32.6	19	14	10
DP79KP3810G	10	R3/8	11.4	22.5	53	33	19	19	10
DP79KP1212G	12	R1/2	14	30	61	36.5	21.5	24	10



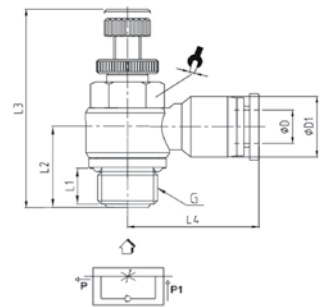
### DP 79P-G new



#### Dosatore per cilindro unidirezionale cilindrico BSPP - metrico

Unidirectional regulator for cylinder parallel BSPP - metric  
Drosselrückschlagventil für Zylinder, zylindrisches Gewinde

Code/Code	ØD	G"	L1	L2	L3 (max)	L4	ØD1	⚡	🔥
DP79PM504G	4	M5	3.5	12	32	20.5	11.5	8	10
DP79P1804G	4	G1/8	5.5	14	42	23.5	11.5	12	10
DP79P1404G	4	G1/4	7.5	18	48	25.5	11.5	14	10
DP79PM506G	6	M5	3.5	12	32	22	13.5	8	10
DP79P1806G	6	G1/8	5.5	14	42	23.5	13.5	12	10
DP79P1406G	6	G1/4	7.5	18	48	25.4	13.5	14	10
DP79P3806G	6	G3/8	7.5	20.5	53	29.5	13.5	19	10
DP79P1808G	8	G1/8	5.5	14.5	42	26.5	15	12	10
DP79P1408G	8	G1/4	7.5	19	48	28.9	15	14	10
DP79P3808G	8	G3/8	7.5	20.5	53	29.8	15	19	10
DP79P1208G	8	G1/2	10	25.5	61	32.5	15	24	10
DP79P1410G	10	G1/4	7.5	20	48	32.6	19	14	10
DP79P3810G	10	G3/8	7.5	22.5	53	33	19	19	10
DP79P1210G	10	G1/2	10	25.5	61	36	19	24	10
DP79P1412G	12	G1/4	7.5	20	48	33.5	21.5	14	10
DP79P3812G	12	G3/8	7.5	24	53	35.5	21.5	19	10
DP79P1212G	12	G1/2	10	30	61	36.5	21.5	24	10



# DP-G

## Dosatori di flusso per cilindro e valvola in polimero (grigio)

Plastic flow regulators for cylinder and valve (grey)



Drosselrückschlagventil Kunststoff (grau Farbe)

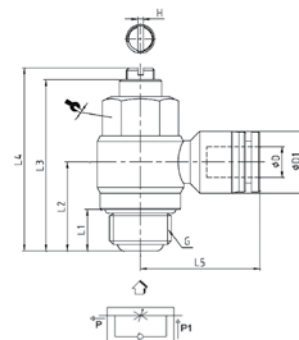
### DP 79C-G new



#### Dosatore per cilindro unidirezionale cilindrico BSPP - metrico

Unidirectional flow regulator for cylinder parallel BSPP - metric  
Drosselrückschlagventil für Zylinder, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4 (max)	L5	ØD1	H		
DP79CM504G	4	M5	3.2	10.5	23	23.5	20.3	11.3	0.5	8	10
DP79C1804G	4	G1/8	6	15	29	32	23	11.3	0.8	12	10
DP79CM506G	6	M5	3.2	11.5	23	23.5	21.8	13.3	5	8	10
DP79C1806G	6	G1/8	6	15	29	32	23	13.3	0.8	12	10
DP79C1406G	6	G1/4	8.5	18.5	34.8	37.5	25	13.3	1.2	14	10
DP79C1808G	8	G1/8	6	15.8	29	32	25.8	15	0.8	12	10
DP79C1408G	8	G1/4	8.5	19.5	34.8	37.5	28.9	15	1.2	14	10
DP79C3808G	8	G3/8	10	21.3	40.8	43.5	29.8	15	1.2	19	10
DP79C1410G	10	G1/4	8.5	21.2	34.8	37.5	32.7	19	1.2	14	10
DP79C3810G	10	G3/8	10	23.2	40.8	43.5	33	19	1.2	19	10
DP79C1210G	10	G1/2	12	26.2	46.6	51	36	19	1.6	24	10
DP79C3812G	12	G3/8	10	24.5	40.8	43.5	35.5	21.5	1.2	19	10
DP79C1212G	12	G1/2	12	27.5	46.6	51	36.5	21.5	1.6	24	10





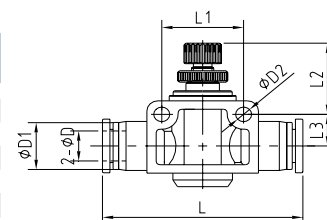
### DP 81-G new



#### Dosatore di flusso in linea

Flat flow regulator  
Drosselrückschlagventil

Codice/Code	ØD	ØD1	L	L2 (max)	L3	ØD2	L1			
DP810400G	4	10.5	40.5	16	6.5	3.2	14			10
DP810600G	6	12.5	48.7	25.5	8.5	4.3	20			10
DP810800G	8	14	54.4	25	9.5	4.3	22			10
DP811000G	10	18	64.3	29.5	10.5	4.3	26			10
DP811200G	12	20.6	74.6	27.5	13	4.3	32			10



## Dosatori di flusso per cilindro e valvola in polimero (anellino blu)

Plastic flow regulators for cylinder and valve (blue sleeve)

Drosselrückschlagventil Kunststoff (blau Farbe-taste)

**DP-B**

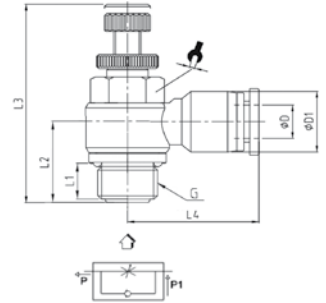
### DP 78P-B new



#### Dosatore per valvola unidirezionale cilindrico BSPP - metrico

Unidirectional regulator for valve parallel BSPP - metric  
Drosselrückschlagventil für Ventil, zylindrisches Gewinde

Code/Code	ØD	G"	L1	L2	L3 (max)	L4	ØD1	⚡	🛢️
DP78PM504B	4	M5	3.5	12	32	20.5	11.5	8	10
DP78P1804B	4	G1/8	5.5	14	42	23.5	11.5	12	10
DP78PM506B	6	M5	3.5	12	32	22	13.5	8	10
DP78P1806B	6	G1/8	5.5	14	42	23.5	13.5	12	10
DP78P1406B	6	G1/4	7.5	18	48	25.4	13.5	14	10
DP78P1808B	8	G1/8	5.5	14.5	42	26.5	15	12	10
DP78P1408B	8	G1/4	7.5	19	48	28.9	15	14	10
DP78P3808B	8	G3/8	7.5	20.5	53	29.8	15	19	10
DP78P1410B	10	G1/4	7.5	20	48	32.6	19	14	10
DP78P3810B	10	G3/8	7.5	22.5	53	33	19	19	10



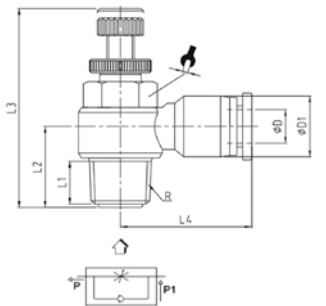
### DP 79KP-B new



#### Dosatore per cilindro unidirezionale conico BSPT

Unidirectional regulator for cylinder taper BSPT  
Drosselrückschlagventil für Zylinder, Konisches Gewinde

Code/Code	ØD	R"	L1	L2	L3 (max)	L4	ØD1	⚡	🛢️
DP79KP1804B	4	R1/8	6.4	14	42	23.5	11.5	12	10
DP79KP1404B	4	R1/4	10	18	48	25.5	11.5	14	10
DP79KP1806B	6	R1/8	6.4	14	42	23.5	13.5	12	10
DP79KP1406B	6	R1/4	10	18	48	25.4	13.5	14	10
DP79KP1808B	8	R1/8	6.4	14.5	42	26.5	15	12	10
DP79KP1408B	8	R1/4	10	19	48	28.9	15	14	10
DP79KP3808B	8	R3/8	11.4	20.5	53	29.8	15	19	10
DP79KP1410B	10	R1/4	10	20	48	32.6	19	14	10
DP79KP3810B	10	R3/8	11.4	22.5	53	33	19	19	10
DP79KP1212B	12	R1/2	14	30	61	36.5	21.5	24	10



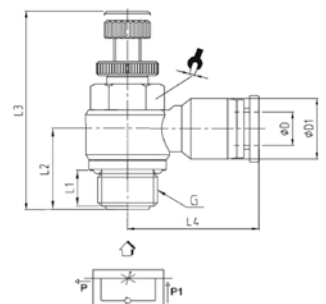
### DP 79P-B new



#### Dosatore per cilindro unidirezionale cilindrico BSPP - metrico

Unidirectional regulator for cylinder parallel BSPP - metric  
Drosselrückschlagventil für Zylinder, zylindrisches Gewinde

Code/Code	ØD	G"	L1	L2	L3 (max)	L4	ØD1	⚡	🛢️
DP79PM504B	4	M5	3.5	12	32	20.5	11.5	8	10
DP79P1804B	4	G1/8	5.5	14	42	23.5	11.5	12	10
DP79P1404B	4	G1/4	7.5	18	48	25.5	11.5	14	10
DP79PM506B	6	M5	3.5	12	32	22	13.5	8	10
DP79P1806B	6	G1/8	5.5	14	42	23.5	13.5	12	10
DP79P1406B	6	G1/4	7.5	18	48	25.4	13.5	14	10
DP79P3806B	6	G3/8	7.5	20.5	53	29.5	13.5	19	10
DP79P1808B	8	G1/8	5.5	14.5	42	26.5	15	12	10
DP79P1408B	8	G1/4	7.5	19	48	28.9	15	14	10
DP79P3808B	8	G3/8	7.5	20.5	53	29.8	15	19	10
DP79P1208B	8	G1/2	10	25.5	61	32.5	15	24	10
DP79P1410B	10	G1/4	7.5	20	48	32.6	19	14	10
DP79P3810B	10	G3/8	7.5	22.5	53	33	19	19	10
DP79P1210B	10	G1/2	10	25.5	61	36	19	24	10
DP79P1412B	12	G1/4	7.5	20	48	33.5	21.5	14	10
DP79P3812B	12	G3/8	7.5	24	53	35.5	21.5	19	10
DP79P1212B	12	G1/2	10	30	61	36.5	21.5	24	10



# DP-B

## Dosatori di flusso per cilindro e valvola in polimero (anellino blu)

Plastic flow regulators for cylinder and valve (blue sleeve)



Drosselrückschlagventil Kunststoff (blau Farbe-taste)

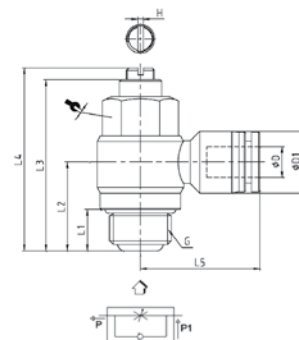
### DP 79C-B new



#### Dosatore per cilindro unidirezionale cilindrico BSPP - metrico

Unidirectional flow regulator for cylinder parallel BSPP - metric  
Drosselrückschlagventil für Zylinder, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4 (max)	L5	ØD1	H		
DP79CM504B	4	M5	3.2	10.5	23	23.5	20.3	11.3	0.5	8	10
DP79C1804B	4	G1/8	6	15	29	32	23	11.3	0.8	12	10
DP79CM506B	6	M5	3.2	11.5	23	23.5	21.8	13.3	5	8	10
DP79C1806B	6	G1/8	6	15	29	32	23	13.3	0.8	12	10
DP79C1406B	6	G1/4	8.5	18.5	34.8	37.5	25	13.3	1.2	14	10
DP79C1808B	8	G1/8	6	15.8	29	32	25.8	15	0.8	12	10
DP79C1408B	8	G1/4	8.5	19.5	34.8	37.5	28.9	15	1.2	14	10
DP79C3808B	8	G3/8	10	21.3	40.8	43.5	29.8	15	1.2	19	10
DP79C1410B	10	G1/4	8.5	21.2	34.8	37.5	32.7	19	1.2	14	10
DP79C3810B	10	G3/8	10	23.2	40.8	43.5	33	19	1.2	19	10
DP79C1210B	10	G1/2	12	26.2	46.6	51	36	19	1.6	24	10
DP79C3812B	12	G3/8	10	24.5	40.8	43.5	35.5	21.5	1.2	19	10
DP79C1212B	12	G1/2	12	27.5	46.6	51	36.5	21.5	1.6	24	10





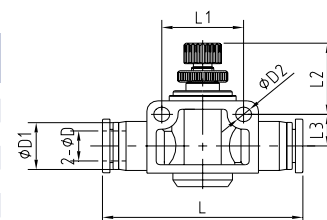
### DP 81-B new



#### Dosatore di flusso in linea

Flat flow regulator  
Drosselrückschlagventil

Codice/Code	ØD	ØD1	L	L2 (max)	L3	ØD2	L1		
DP810400B	4	10.5	40.5	16	6.5	3.2	14		10
DP810600B	6	12.5	48.7	25.5	8.5	4.3	20		10
DP810800B	8	14	54.4	25	9.5	4.3	22		10
DP811000B	10	18	64.3	29.5	10.5	4.3	26		10
DP811200B	12	20.6	74.6	27.5	13	4.3	32		10





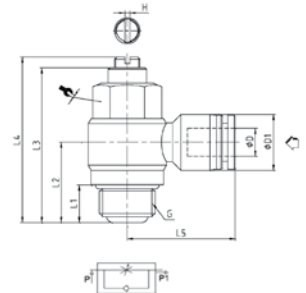
## DP 78C



### Dosatore per valvola unidirezionale cilindrico BSPP - metrico

Unidirectional flow regulator for valve parallel BSPP - metric  
Drosselrückschlagventil für Ventil, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4 (max)	L5	ØD1	H	🔥	📦
DP78CM504	4	M5	3.2	10.5	23	23.5	20.3	11.3	0.5	8	10
DP78C1804	4	G1/8	6	15	29	32	23	11.3	0.8	12	10
DP78CM506	6	M5	3.2	11.5	23	23.5	21.8	13.3	0.5	8	10
DP78C1806	6	G1/8	6	15	29	32	23	13.3	0.8	12	10
DP78C1406	6	G1/4	8.5	18.5	34.8	37.5	25	13.3	1.2	14	10
DP78C1808	8	G1/8	6	15.8	29	32	25.8	15	0.8	12	10
DP78C1408	8	G1/4	8.5	19.5	34.8	37.5	28.9	15	1.2	14	10



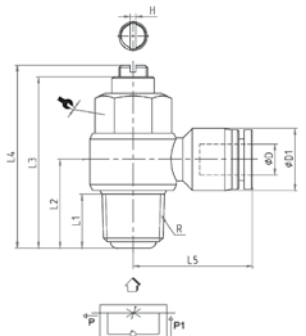
## DP 79KC



### Dosatore per cilindro unidirezionale conico BSPT

Unidirectional regulator for cylinder taper BSPT  
Drosselrückschlagventil für Zylinder, konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3	L4 (max)	L5	ØD1	H	🔥	📦
DP79KC1804	4	R1/8	7	15	29	32	23	11.3	0.8	12	10
DP79KC1806	6	R1/8	7	15	29	32	23	13.3	0.8	12	10
DP79KC1406	6	R1/4	11	18.5	34.8	37.5	25	13.3	1.2	14	10
DP79KC1808	8	R1/8	7	15.8	29	32	25.8	15	0.8	12	10
DP79KC1408	8	R1/4	11	19.5	34.8	37.5	28.9	15	1.2	14	10
DP79KC3808	8	R3/8	12.5	21.3	40.8	43.5	29.8	15	1.2	19	10
DP79KC1410	10	R1/4	11	21.2	34.8	37.5	32.7	19	1.2	14	10
DP79KC3810	10	R3/8	12.5	23.2	40.8	43.5	33	19	1.2	19	10
DP79KC1210	10	R1/2	15	26.2	46.6	51	36	19	1.6	24	10
DP79KC3812	12	R3/8	12.5	24.5	40.8	43.5	35.5	21.5	1.2	19	10
DP79KC1212	12	R1/2	15	27.5	46.6	51	36.5	21.5	1.6	24	10



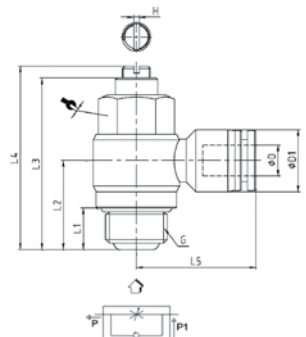
## DP 79C



### Dosatore per cilindro unidirezionale cilindrico BSPP - metrico

Unidirectional flow regulator for cylinder parallel BSPP - metric  
Drosselrückschlagventil für Zylinder, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4 (max)	L5	ØD1	H	🔥	📦
DP79CM504	4	M5	3.2	10.5	23	23.5	20.3	11.3	0.5	8	10
DP79C1804	4	G1/8	6	15	29	32	23	11.3	0.8	12	10
DP79CM506	6	M5	3.2	11.5	23	23.5	21.8	13.3	0.5	8	10
DP79C1806	6	G1/8	6	15	29	32	23	13.3	0.8	12	10
DP79C1406	6	G1/4	8.5	18.5	34.8	37.5	25	13.3	1.2	14	10
DP79C1808	8	G1/8	6	15.8	29	32	25.8	15	0.8	12	10
DP79C1408	8	G1/4	8.5	19.5	34.8	37.5	28.9	15	1.2	14	10
DP79C3808	8	G3/8	10	21.3	40.8	43.5	29.8	15	1.2	19	10
DP79C1410	10	G1/4	8.5	21.2	34.8	37.5	32.7	19	1.2	14	10
DP79C3810	10	G3/8	10	23.2	40.8	43.5	33	19	1.2	19	10
DP79C1210	10	G1/2	12	26.2	46.6	51	36	19	1.6	24	10
DP79C3812	12	G3/8	10	24.5	40.8	43.5	35.5	21.5	1.2	19	10
DP79C1212	12	G1/2	12	27.5	46.6	51	36.5	21.5	1.6	24	10



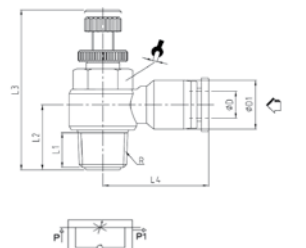
## DP 78KP



### Dosatore per valvola unidirezionale conico BSPT - metrico

Unidirectional regulator for valve taper BSPT - metric  
Drosselrückschlagventil für Ventil, konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3 (max)	L4	ØD1	🔥	📦
DP78PM504	4	M5	3.5	12	32	20.5	11.5	8	10
DP78KP1804	4	R1/8	6.4	14	42	23.5	11.5	12	10
DP78KP1404	4	R1/4	10	18	48	25.5	11.5	14	10
DP78PM506	6	M5	3.5	12	32	22	13.5	8	10
DP78KP1806	6	R1/8	6.4	14	42	23.5	13.5	12	10
DP78KP1406	6	R1/4	10	18	48	25.4	13.5	14	10
DP78KP3806	6	R3/8	11.4	20.5	53	29.5	13.5	19	10
DP78KP1808	8	R1/8	6.4	14.5	42	26.5	15	12	10
DP78KP1408	8	R1/4	10	19	48	28.9	15	14	10
DP78KP3808	8	R3/8	11.4	20.5	53	29.8	15	19	10
DP78KP1208	8	R1/2	14	25.5	61	32.5	15	24	10
DP78KP1410	10	R1/4	10	20	48	32.6	19	14	10
DP78KP3810	10	R3/8	11.4	22.5	53	33	19	19	10
DP78KP1210	10	R1/2	14	25.5	61	36	19	24	10
DP78KP1412	12	R1/4	10	20	48	33.5	21.5	14	10
DP78KP3812	12	R3/8	11.4	24	53	35.5	21.5	19	10
DP78KP1212	12	R1/2	14	30	61	36.5	21.5	24	10



## Dosatori di flusso per cilindro e valvola in polimero

Plastic flow regulators for cylinder and valve

Drosselrückschlagventil Kunststoff

### DP 79KP

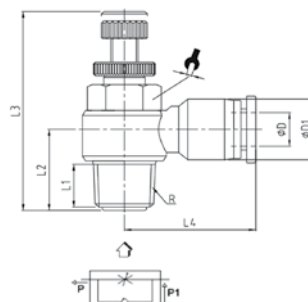


#### Dosatore per cilindro unidirezionale conico BSPT

Unidirectional regulator for cylinder taper BSPT

Drosselrückschlagventil für Zylinder, zylindrisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3 (max)	L4	ØD1	🔥	📦
DP79KP1804	4	R1/8	6.4	14	42	23.5	11.5	12	10
DP79KP1404	4	R1/4	10	18	48	25.5	11.5	14	10
DP79KP1806	6	R1/8	6.4	14	42	23.5	13.5	12	10
DP79KP1406	6	R1/4	10	18	48	25.4	13.5	14	10
DP79KP3806	6	R3/8	11.4	20.5	53	29.5	13.5	19	10
DP79KP1206	6	R1/2	14	25.5	61	32.5	13.5	24	10
DP79KP1808	8	R1/8	6.4	14.5	42	26.5	15	12	10
DP79KP1408	8	R1/4	10	19	48	28.9	15	14	10
DP79KP3808	8	R3/8	11.4	20.5	53	29.8	15	19	10
DP79KP1208	8	R1/2	14	25.5	61	32.5	15	24	10
DP79KP1810	10	R1/8	6.4	17.5	42	30.3	19	12	10
DP79KP1410	10	R1/4	10	20	48	32.6	19	14	10
DP79KP3810	10	R3/8	11.4	22.5	53	33	19	19	10
DP79KP1210	10	R1/2	14	25.5	61	36	19	24	10
DP79KP1412	12	R1/4	10	20	48	33.5	21.5	14	10
DP79KP3812	12	R3/8	11.4	24	53	35.5	21.5	19	10
DP79KP1212	12	R1/2	14	30	61	36.5	21.5	24	10



### DP 79P

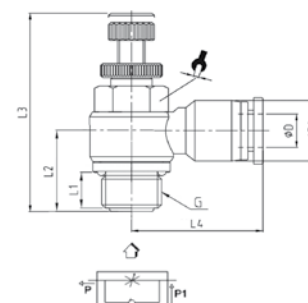


#### Dosatore per cilindro unidirezionale cilindrico BSPP - metrico

Unidirectional regulator for cylinder parallel BSPP - metric

Drosselrückschlagventil für Zylinder, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3 (max)	L4	ØD1	🔥	📦
DP79PM504	4	M5	3.5	12	32	20.5	11.5	8	10
DP79P1804	4	G1/8	5.5	14	42	23.5	11.5	12	10
DP79P1404	4	G1/4	7.5	18	48	25.5	11.5	14	10
DP79PM506	6	M5	3.5	12	32	22	13.5	8	10
DP79P1806	6	G1/8	5.5	14	42	23.5	13.5	12	10
DP79P1406	6	G1/4	7.5	18	48	25.4	13.5	14	10
DP79P3806	6	G3/8	7.5	20.5	53	29.5	13.5	19	10
DP79P1206	6	G1/2	10	25.5	61	32.5	13.5	24	10
DP79P1808	8	G1/8	5.5	14.5	42	26.5	15	12	10
DP79P1408	8	G1/4	7.5	19	48	28.9	15	14	10
DP79P3808	8	G3/8	7.5	20.5	53	29.8	15	19	10
DP79P1208	8	G1/2	10	25.5	61	32.5	15	24	10
DP79P1810	10	G1/8	5.5	17.5	42	30.3	19	12	10
DP79P1410	10	G1/4	7.5	20	48	32.6	19	14	10
DP79P3810	10	G3/8	7.5	22.5	53	33	19	19	10
DP79P1210	10	G1/2	10	25.5	61	36	19	24	10
DP79P1412	12	G1/4	7.5	20	48	33.5	21.5	14	10
DP79P3812	12	G3/8	7.5	24	53	35.5	21.5	19	10
DP79P1212	12	G1/2	10	30	61	36.5	21.5	24	10



### DP 82KP

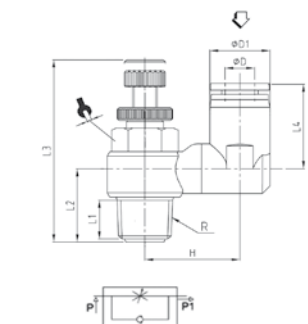


#### Dosatore per valvola unidirezionale conico BSPT

Unidirectional regulator for valve taper BSPT

Drosselrückschlagventil für Ventil, konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3 (max)	L4	H	ØD1	🔥	📦
DP82KP1806	6	R1/8	6.4	14	42	26.5	18	15	12	10
DP82KP1406	6	R1/4	10	17.5	48	27	20.5	15	14	10
DP82KP1808	8	R1/8	6.4	14	42	26.5	18	15	12	10
DP82KP1408	8	R1/4	10	17.5	48	27	20.5	15	14	10
DP82KP1410	10	R1/4	10	17.5	48	30	22	21.5	14	10
DP82KP3810	10	R3/8	11.4	21.5	53	31	23	21.5	19	10
DP82KP1412	12	R1/4	10	17.5	48	30	22	21.5	14	10
DP82KP3812	12	R3/8	11.4	21.5	53	31	23	21.5	19	10



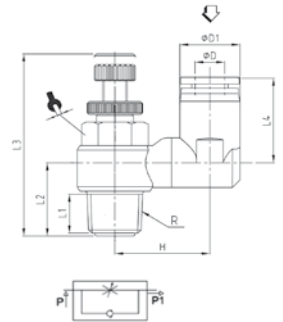
## DP 83KP



### Dosatore per cilindro unidirezionale conico BSPT

Unidirectional regulator for cylinder taper BSPT  
Drosselrückschlagventil für Zylinder, konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3 (max)	L4	H	ØD1	🔧	📦
DP83KP1806	6	R1/8	6.4	14	42	26.5	18	15	12	10
DP83KP1406	6	R1/4	10	17.5	48	27	20.5	15	14	10
DP83KP1808	8	R1/8	6.4	14	42	26.5	18	15	12	10
DP83KP1408	8	R1/4	10	17.5	48	27	20.5	15	14	10
DP83KP1410	10	R1/4	10	17.5	48	30	22	21.5	14	10
DP83KP3810	10	R3/8	11.4	21.5	53	31	23	21.5	19	10
DP83KP1412	12	R1/4	10	17.5	48	30	22	21.5	14	10
DP83KP3812	12	R3/8	11.4	21.5	53	31	23	21.5	19	10



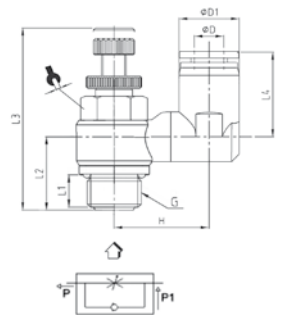
## DP 83P



### Dosatore per cilindro unidirezionale cilindrico BSPP

Unidirectional regulator for cylinder parallel BSPP  
Drosselrückschlagventil für Zylinder, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3 (max)	L4	H	ØD1	🔧	📦
DP83P1806	6	G1/8	5.5	14	42	26.5	18	15	12	10
DP83P1406	6	G1/4	7.5	17.5	48	27	20.5	15	14	10
DP83P1808	8	G1/8	5.5	14	42	26.5	18	15	12	10
DP83P1408	8	G1/4	7.5	17.5	48	27	20.5	15	14	10
DP83P1410	10	G1/4	7.5	17.5	48	30	22	21.5	14	10
DP83P3810	10	G3/8	7.5	21.5	53	31	23	21.5	19	10
DP83P1412	12	G1/4	7.5	17.5	48	30	22	21.5	14	10
DP83P3812	12	G3/8	7.5	21.5	53	31	23	21.5	19	10



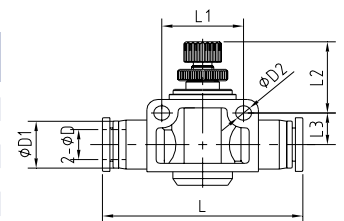
## DP 81



### Dosatore di flusso in linea

Flat flow regulator  
Drosselrückschlagventil

Codice/Code	ØD	ØD1	L	L2 (max)	L3	ØD2	L1	📦
DP810400	4	10.5	40.5	16	6.5	3.2	14	10
DP810600	6	12.5	48.7	25.5	8.5	4.3	20	10
DP810800	8	14	54.4	25	9.5	4.3	22	10
DP811000	10	18	64.3	29.5	10.5	4.3	26	10
DP811200	12	20.6	74.6	27.5	13	4.3	32	10



## Dosatori di flusso in aisi 316

S.S. aisi 316 flow regulators

Drosselruckschlagventil Edelstahl aisi 316

### Dati tecnici dei dosatori di flusso in aisi 316

S.S. aisi 316 flow regulators technical data

Technischen Daten der Drosselruckschlagventil Edelstahl aisi 316

## DX79F

### Applicazioni

Tutti i fluidi compatibili con la natura dei materiali e le eventuali normative di riferimento dell'applicazione o dell'ambiente d'impiego.

### Materiali

Corpo e spillo Acciaio INOX AISI 316L  
Guarnizione FKM

### PRESSIONE NOMINALE

Min.: 1 bar Max: 8 bar

### Portata (tutto aperto)

1/8" 540 nl/min.  
1/4" 890 nl/min.

### Temperatura d'esercizio

-20°C / +80°C

### Filettatura

BSPP cilindrica UNI-ISO228/1

### Filetti

Filettature da 1/8" a 1/4"

### Applications

All fluids compatible with the nature of the materials and any reference standards of the application or operating environment.

### Materials

Body and pin: stainless steel AISI 316L  
FKM seal

### Pressure Rating

Min.: 1 bar Max: 8 bar

### Capacity (all open)

1/8" 540 nl/min.  
1/4" 890 nl/min.

### Working Temperature

-20 °C / + 80 °C

### Thread

BSPP parallel UNI-ISO228 / 1

### Threads

Threads from 1/8" to 1/4"

### Anwendungen

Alle Flüssigkeiten mit der Art der Werkstoffendung alle Referenzstandards der Anwendung oder des Betriebsumgebung kompatibel.

### Werkstoffen

Körper und Stift: Edelstahl AISI 316L  
FKM-Dichtung

### Druck Bewertung

Min.: 1 bar Max: 8 bar

### Kapazität (alle offen)

1/8" 540 nl/min.  
1/4" 890 nl/min.

### Betriebstemperatur

-20 °C / +80 °C

### Gewinde

BSPP-zylindrisch UNI-ISO228 / 1

### Gewinde

Von 1/8" bis 1/4"

## DX79P

### Applicazioni

Tutti i fluidi compatibili con la natura dei materiali e le eventuali normative di riferimento dell'applicazione o dell'ambiente d'impiego.

### Materiali

Corpo e spillo Acciaio SUS 316L  
Guarnizione FKM

### Pressione nominale

Min.: 0 bar Max: 12 bar

### Temperatura d'esercizio

-20°C / +120°C

### Filettatura

BSPP cilindrica UNI-ISO228/1

### Filetti

Filettature da 1/8" a 1/2"

### Applications

All fluids compatible with the nature of the materials and any reference standards of the application or operating environment.

### Materials

Body and pin: steel SUS 316L  
FKM seal

### Pressure Rating

Min.: 0 bar Max: 12 bar

### Working Temperature

-20 °C / + 120 °C

### Thread

BSPP parallel UNI-ISO228 / 1

### Threads

Threads from 1/8" to 1/2"

### Anwendungen

Alle Flüssigkeiten mit der Art der Werkstoffendung alle Referenzstandards der Anwendung oder des Betriebsumgebung kompatibel.

### Werkstoffen

Körper und Stift: Stahl SUS 316L  
FKM-Dichtung

### Druck Bewertung

Min.: 0 bar max: 12 bar

### Betriebstemperatur

-20 °C / +120 °C

### Gewinde

BSPP-zylindrisch UNI-ISO228 / 1

### Gewinde

Von 1/8" bis 1/2"

## DX81P

<b>Applicazioni</b> Studiati per applicazioni pneumatiche	<b>Applications</b> Designed for pneumatic applications	<b>Anwendungen</b> Entwickelt für pneumatische Anwendungen
<b>Materiali</b> Corpo e spillo Acciaio INOX AISI 316L Guarnizione FKM	<b>Materials</b> Body and pin: stainless steel AISI 316L FKM seal	<b>Werkstoffen</b> Körper und Stift: Edelstahl AISI 316L FKM-Dichtung
<b>Pressione nominale</b> Min.: 0,5 bar Max: 16 bar	<b>Pressure Rating</b> Min: 0.5 bar Max: 16 bar	<b>Druck Bewertung</b> Min: 0,5 bar max: 16 bar
<b>Portata 6 bar (tutto aperto)</b> 1/8" 700 nl/min. 1/4" 700 nl/min. 3/8" 1700 nl/min. 1/2" 1700 nl/min.	<b>Flow rate at 6 bar (all open)</b> 1/8" 700 nl / min. 1/4" 700 nl / min. 3/8" 1700 nl / min. 1/2" 1700 nl / min.	<b>Durchflussmenge bei 6 bar (alle offen)</b> 1/8" 700 nl / min. 1/4" 700 nl / min. 3/8" 1700 nl / min. 1/2" 1700 nl / min.
<b>Temperatura d'esercizio</b> -15°C / +120°C	<b>Working Temperature</b> -15 °C / + 120 °C	<b>Betriebstemperatur</b> -15 °C / +120 °C
<b>Filettatura</b> BSPP cilindrica UNI-ISO228/1	<b>Thread</b> BSPP parallel UNI-ISO228 / 1	<b>Gewinde</b> BSPP-zylindrisch UNI-ISO228 / 1
<b>Filetti</b> Filettature da 1/8" a 1/2"	<b>Threads</b> Threads from 1/8" to 1/2"	<b>Gewinde</b> Von 1/8" bis 1/2"

## DX82P

<b>Applicazioni</b> Tutti i fluidi compatibili con la natura dei materiali e le eventuali normative di riferimento dell'applicazione o dell'ambiente d'impiego.	<b>Applications</b> All fluids compatible with the nature of the materials and any reference standards of the application or operating environment.	<b>Anwendungen</b> Alle Flüssigkeiten mit der Art der Werkstoffendung alle Referenzstandards der Anwendung oder des Betriebsumgebung kompatibel.
<b>Materiali</b> Corpo e spillo Acciaio INOX AISI 316L Guarnizione PTFE	<b>Materials</b> Body and pin: stainless steel AISI 316L PTFE gasket	<b>Werkstoffen</b> Körper und Stift: Edelstahl AISI 316L PTFE-Dichtung
<b>Pressione nominale</b> PN 40bar	<b>Pressure Rating</b> PN 40bar	<b>Druck Bewertung</b> PN 40 bar
<b>Portata 6 bar (tutto aperto)</b> 1/8" 700 nl/min. 1/4" 700 nl/min. 3/8" 1700 nl/min. 1/2" 1700 nl/min.	<b>Flow rate at 6 bar (all open)</b> 1/8" 700 nl / min. 1/4" 700 nl / min. 3/8" 1700 nl / min. 1/2" 1700 nl / min.	<b>Durchflussmenge bei 6 bar (alle offen)</b> 1/8" 700 nl / min. 1/4" 700 nl / min. 3/8" 1700 nl / min. 1/2" 1700 nl / min.
<b>Temperatura d'esercizio</b> -15°C / +120°C	<b>Working Temperature</b> -15 °C / + 120 °C	<b>Betriebstemperatur</b> -15 °C / +120 °C
<b>Filettatura</b> BSPP cilindrica UNI-ISO228/1	<b>Thread</b> BSPP parallel UNI-ISO228 / 1	<b>Gewinde</b> BSPP-zylindrisch UNI-ISO228 / 1
<b>Filetti</b> Filettature da 1/8" a 1/2"	<b>Threads</b> Threads from 1/8" to 1/2"	<b>Gewinde</b> Von 1/8" bis 1/2"

## DX83P

<b>Applicazioni</b> Tutti i fluidi compatibili con la natura dei materiali e le eventuali normative di riferimento dell'applicazione o dell'ambiente d'impiego.	<b>Applications</b> All fluids compatible with the nature of the materials and any reference standards of the application or operating environment.	<b>Anwendungen</b> Alle Flüssigkeiten mit der Art der Werkstoffendung alle Referenzstandards der Anwendung oder des Betriebsumgebung kompatibel.
<b>Materiali</b> Corpo e spillo Acciaio INOX AISI 316L Guarnizione FKM	<b>Materials</b> Body and pin: stainless steel AISI 316L FKM seal	<b>Werkstoffen</b> Körper und Stift: Edelstahl AISI 316L FKM-Dichtung
<b>Pressione nominale</b> Min.: 1 bar Max: 8 bar	<b>Pressure Rating</b> Min.: 1 bar Max: 8 bar	<b>Druck Bewertung</b> Min.: 1 bar Max: 8 bar
<b>Portata 6 bar (tutto aperto)</b> 1/8" 1200 nl/min. 1/4" 1300 nl/min. 3/8" 1500 nl/min. 1/2" 1550 nl/min.	<b>Flow rate at 6 bar (all open)</b> 1/8" 1200 nl / min. 1/4" 1300 nl / min. 3/8" 1500 nl / min. 1/2" 1550 nl / min.	<b>Durchflussmenge bei 6 bar (alle offen)</b> 1/8" 1200 nl / min. 1/4" 1300 nl / min. 3/8" 1500 nl / min. 1/2" 1550 nl / min.
<b>Temperatura d'esercizio</b> -20°C / +80°C	<b>Working Temperature</b> -20 °C / + 80 °C	<b>Betriebstemperatur</b> -20 °C / +80 °C
<b>Filettatura</b> BSPP cilindrica UNI-ISO228/1	<b>Thread</b> BSPP parallel UNI-ISO228 / 1	<b>Gewinde</b> BSPP-zylindrisch UNI-ISO228 / 1
<b>Filetti</b> Filettature da 1/8" a 1/2"	<b>Threads</b> Threads from 1/8" to 1/2"	<b>Gewinde</b> Von 1/8" bis 1/2"



**DX**

## Dosatori di flusso in aisi 316

S.S. aisi 316 flow regulators

Drosselrückschlagventil Edelstahl aisi 316

**DX 79F**

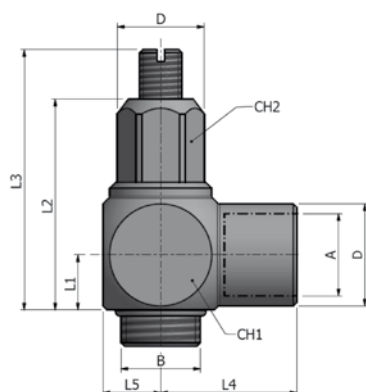
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### Dosatore per cilindro con attacco femmina-cilindrico bspp

Flow regulator for cylinder with female connection-parallel bspp  
Drosselrückschlagventil für Zylinder, zylindrisches Gewinde

Codice/Code	A	HB	HI	L1	L2	L3	L4	L5	D	CH1	CH2	
<b>DX79F1818</b>	1/8	6	9	8	31	31	17	8	15	16	13	1
<b>DX79F1414</b>	1/4	9	9	9	34	42	22	9	17	19	13	1

**DX 79P**

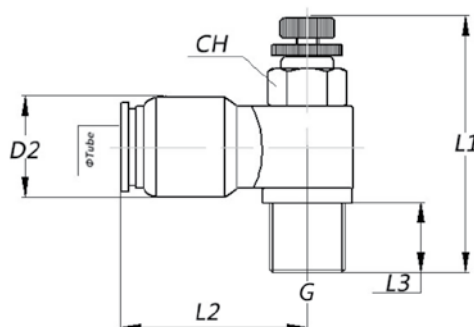
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### Dosatore per cilindro unid. cilindrico BSPP - metrico

Unidirectional regulator for cylinder parallel BSPP - metric  
Drosselrückschlagventil für Zylinder, zylindrisches Gewinde

Codice/Code	Tube	G	L1	L2	L3	D2	CH					
<b>DX79P1804</b>	4	G 1/8	34.5	28	7.5	10.5	12					1
<b>DX79P1404</b>	4	G 1/4	43	28	9.5	10.5	14					1
<b>DX79P1806</b>	6	G 1/8	34.5	28	7.5	12.5	12					1
<b>DX79P1406</b>	6	G 1/4	43	28	9.5	12.5	14					1
<b>DX79P1808</b>	8	G 1/8	34.5	30	7.5	14.5	12					1
<b>DX79P1408</b>	8	G 1/4	43	30	9.5	14.5	14					1
<b>DX79P3808</b>	8	G 3/8	47.3	33	10.5	14.5	19					1
<b>DX79P1208</b>	8	G 1/2	51	33	12.5	14.5	22					1
<b>DX79P1410</b>	10	G 1/4	43	32.5	9.5	17.5	14					1
<b>DX79P3810</b>	10	G 3/8	47.3	35	10.5	17.5	19					1
<b>DX79P1210</b>	10	G 1/2	51	35	12.5	17.5	22					1
<b>DX79P1412</b>	12	G 1/4	43	36	9.5	20.5	14					1
<b>DX79P3812</b>	12	G 3/8	47.3	38	10.5	20.5	19					1
<b>DX79P1212</b>	12	G 1/2	51	38	12.5	20.5	22					1



## DX 81P

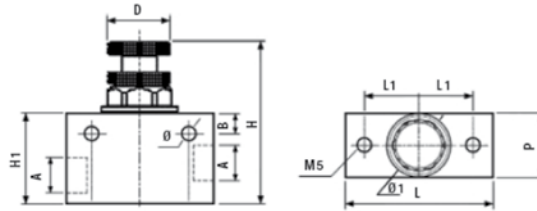
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### Dosatore di flusso unidirezionale F.F. in linea AISI 316

S.S. INOX AISI 316 Unidirectional flow regulator F.F. in line  
Drosselrückschlagventil Innengewinde im Einklang edelstahl AISI 316

Codice/Code	A	L	L1	H Min/Max	H1	P	B	Ø	Ø1	D	Kg.	
<b>DX81P1818</b>	1/8	40	15	49/54	30	20	8	5,4	20	20	0,178	1
<b>DX81P1414</b>	1/4	40	15	49/54	30	20	8	5,4	20	20	0,168	1
<b>DX81P3838</b>	3/8	49	18	57/65	35	25	8	5,4	25	20	0,310	1
<b>DX81P1212</b>	1/2	49	18	57/65	35	25	8	5,4	25	20	0,305	1



## DX 82P

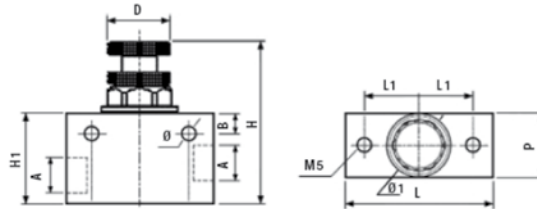
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### Dosatore di flusso bidirezionale F.F. in linea AISI 316

S.S. INOX AISI 316 Bidirectional flow regulator F.F. in line  
Drosselrückschlagventil beiseitig drosselbar Innengewinde im Einklang edelstahl AISI 316

Codice/Code	A	L	L1	H Min/Max	H1	P	B	Ø	Ø1	D	Kg.	
<b>DX82P1818</b>	1/8	40	15	49/54	30	20	8	5,4	20	20	0,178	1
<b>DX82P1414</b>	1/4	40	15	49/54	30	20	8	5,4	20	20	0,168	1
<b>DX82P3838</b>	3/8	49	18	57/65	35	25	8	5,4	25	20	0,310	1
<b>DX82P1212</b>	1/2	49	18	57/65	35	25	8	5,4	25	20	0,305	1



## DX 83P

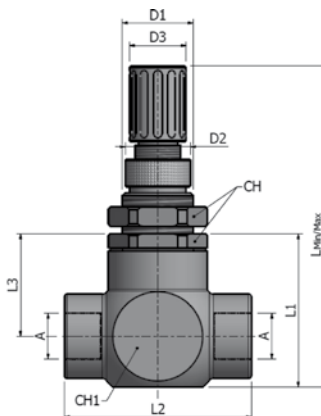
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### Dosatore di flusso unidirezionale F.F. passaparete AISI 316

S.S. INOX AISI 316 Unidirectional flow regulator F.F. bulk head  
Drosselrückschlagventil Innengewinde im Einklang Schottverschraubungedelstahl AISI 316

Codice/Code	A	L Min/Max	L1	L2	L3	D1	D2	D3	CH1	CH	
<b>DX83P1818</b>	1/8	77/82	35	42	21	15	14	12	22	20	1
<b>DX83P1414</b>	1/4	77/82	35	42	21	15	14	12	22	20	1
<b>DX83P3838</b>	3/8	111/125	54	66	36	25	23	20	36	32	1
<b>DX83P1212</b>	1/2	111/125	54	66	36	25	23	20	36	32	1



## Raccordi di arresto - Valvole unidirezionali - Valvole 3 vie

Stop fittings - Unidirectional valves - 3 hand valves

Stopverschraubung - Rückschlagventile - 3 Wege Ventile

**RF**

### Raccordi di arresto

Stop fittings  
Stopverschraubung

57

**RF**

### Valvole unidirezionali

Unidirectional valves  
Rückschlagventile

59

**RF**

### Valvole manuali 3 vie

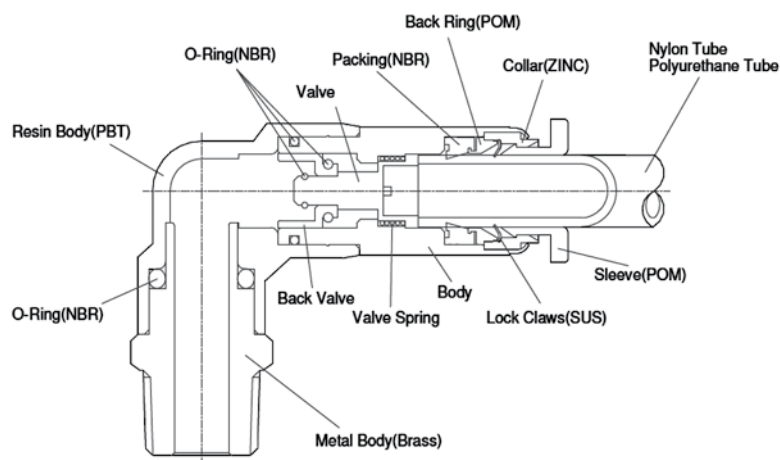
3 hand valves  
3 Wege Ventile

61

## Dati tecnici dei raccordi di arresto

Stop fittings technical data  
Technischen Daten der Stopverschraubung

<b>Fluido</b> Aria compressa	<b>Fluid</b> Compressed air	<b>Fluid</b> Druckluft
<b>Pressione di esercizio</b> Da 0 a 10 bar	<b>Working pressure</b> From 0 to 150 PSI	<b>Druck</b> Von 0 bis 10 bar
<b>Tenuta al vuoto</b> - 750 mm Hg 10Torr	<b>Vacuum</b> -29,5 in Hg	<b>Vakuumdichtigkeit</b> -750 mm Hg 10Torr
<b>Temperatura di utilizzo</b> Da 0 ÷ 60°C	<b>Temperature range</b> From 32 to 140°F	<b>Einsatztemperatur</b> Von 0 bis 60°C
<b>Tubi consigliati</b> 1) Poliuretano - 2) Nylon	<b>Recommended tubes</b> 1) Polyurethane - 2) Nylon	<b>Rohrempfehlungen</b> 1) Polyurethan - 2) Nylon
<b>Materiali</b> Corpo Ottone nichelato - resina (PBT) Pinza Acciaio SUS 301 Pulsante Resina (POM) O-Ring NBR	<b>Materials</b> Body Nickel plated brass or resin (PBT) Lock claws SUS 301 Steel Sleeve Resin (POM) O-Ring NBR	<b>Werkstoffen</b> Körper vernickelt Messing oder Harz (PBT) Bremsattel Stahl SUS 301 Taste Harz (POM) O-Ringe NBR
<b>Filettatura</b> BSPT conica teflonata. Metrica.	<b>Thread types</b> BSPT taper with teflon. Metric.	<b>Gewinde</b> BSPT konisch mit Teflon. Metrisch.
<b>Diametri e filetti</b> Da 4 mm a 12 mm Da M5 a 1/2"	<b>Diameters and threads</b> From 4 mm to 12 mm From M5 to 1/2"	<b>Durchmesser und Gewinde</b> Von 4 mm bis 14 mm Von M5 bis 1/2"
<b>Note</b> Arrestano il passaggio dell'aria quando il tubo è scollegato. Utilizzati per operazioni di manutenzioni	<b>Note</b> The air flow is blocked when the tube is released Utilized for upkeep operations	<b>Notizen</b> Stoppen der Durchgang von Luft, wenn das Rohr getrennt wirdverwendet für Wartungsarbeiten



## Raccordi di arresto - Valvole unidirezionali - Valvole 3 vie

Stop fittings - Unidirectional valves - 3 hand valves

Stopverschraubung - Rückschlagventile - 3 Wege Ventile

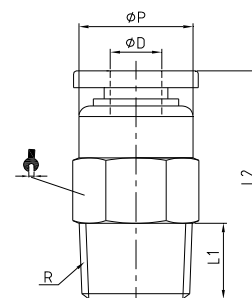
### RF 10K



#### Diritto di arresto maschio conico BSPT

Male straight stop fitting taper BSPT  
Stopverschraubung konisches Gewinde

Codice/Code	ØD	R"	L1	L2	ØP			
RF10K1804	4	R1/8	7.5	27.5	10	10		10
RF10K1806	6	R1/8	7.5	27	12	12		10
RF10K1406	6	R1/4	9.5	27	12	14		10
RF10K1808	8	R1/8	7.5	29	14	14		10
RF10K1408	8	R1/4	9.5	29	14	14		10
RF10K3808	8	R3/8	10.5	29	14	17		10
RF10K1410	10	R1/4	9.5	37	17	17		10
RF10K3810	10	R3/8	10.5	37	17	17		10
RF10K1210	10	R1/2	13.5	37	17	21		10
RF10K1412	12	R1/4	9.5	38	20	21		10
RF10K3812	12	R3/8	10.5	38	20	21		10
RF10K1212	12	R1/2	13.5	38	20	21		10



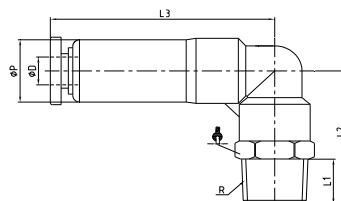
### RF 11K



#### Gomito di arresto maschio conico BSPT

Elbow stop fitting taper BSPT  
Stopverschraubung, Winkel konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3	ØP		
RF11M504	4	M5	3.5	21.3	31	13	10	10
RF11M604	4	M6	4	21.8	31	13	10	10
RF11K1804	4	R1/8	7.5	23.8	31	13	10	10
RF11M506	6	M5	3.5	21.7	29.4	13	12	10
RF11M606	6	M6	4	22.2	29.4	13	12	10
RF11K1806	6	R1/8	7.5	24.2	29.4	13	12	10
RF11K1406	6	R1/4	9.5	26.7	29.4	13	14	10
RF11K1808	8	R1/8	7.5	27.5	33	14.5	14	10
RF11K1408	8	R1/4	9.5	29.5	33	14.5	14	10
RF11K3808	8	R3/8	10.5	31	33	14.5	17	10
RF11K1410	10	R1/4	9.5	34.3	42.5	18	17	10
RF11K3810	10	R3/8	10.5	35.3	42.5	18	17	10
RF11K1210	10	R1/2	13.5	38.8	42.5	18	21	10
RF11K1412	12	R1/4	9.5	36	46.5	21	21	10
RF11K3812	12	R3/8	10.5	37	46.5	21	21	10
RF11K1212	12	R1/2	13.5	40	46.5	21	21	10



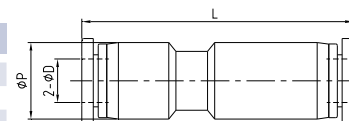
### RF 12



#### Diritto intermedio di arresto

Straight intermediate stop fitting  
Stopverschraubung

Codice/Code	ØD	ØP	L					
RF120004	4	13	47					10
RF120006	6	13	45					10
RF120008	8	15	49.5					10
RF120010	10	19	63					10
RF120012	12	21.5	66.5					10

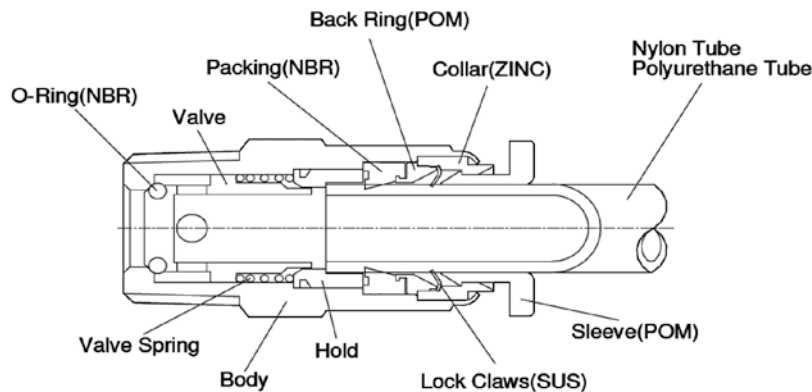




## Dati tecnici valvole unidirezionali

Unidirectional valves technical data  
 Technischen Daten der Rückschlagventile

<b>Fluido</b> Aria compressa	<b>Fluid</b> Compressed air	<b>Fluid</b> Druckluft
<b>Pressione di esercizio</b> Da 0 a 10 bar	<b>Working pressure</b> From 0 to 150 PSI	<b>Druck</b> Von 0 bis 10 bar
<b>Tenuta al vuoto</b> - 750 mm Hg 10Torr	<b>Vacuum</b> -29,5 in Hg	<b>Vakuumdichtigkeit</b> -750 mm Hg 10Torr
<b>Temperatura di utilizzo</b> Da 0 ÷ 60°C	<b>Temperature range</b> From 32 to 140°F	<b>Einsatztemperatur</b> Von 0 bis 60°C
<b>Tubi consigliati</b> 1) Poliuretano - 2) Nylon	<b>Recommended tubes</b> 1) Polyurethane - 2) Nylon	<b>Rohrempfehlungen</b> 1) Polyurethan - 2) Nylon
<b>Materiali</b> Corpo Ottone nichelato - alluminio - resina (PBT) Pinza Acciaio SUS 301 Pulsante Resina (POM) O-Ring NBR	<b>Materials</b> Body Nickel plated brass - aluminium - resin (PBT) Lock claws SUS 301 Steel Sleeve Resin (POM) O-Ring NBR	<b>Werkstoffen</b> Körper Vernickelt Messing - Aluminium - Harz (PBT) Bremsattel Stahl SUS 301 Taste Harz (POM) O-Ringe NBR
<b>Filettatura</b> BSPT conica teflonata. Metrica.	<b>Thread types</b> BSPT taper with teflon. Metric.	<b>Gewinde</b> BSPT konisch mit Teflon. Metrisch.
<b>Diametri e filetti</b> Da 4 mm a 12 mm. Da M5 a 1/2".	<b>Diameters and threads</b> From 4 mm to 12 mm. From M5 to 1/2".	<b>Durchmesser und Gewinde</b> Von 4 mm bis 14 mm. Von M5 bis 1/2".
<b>Note</b> Le valvole unidirezionali permettono il passaggio dell'aria in una sola direzione.	<b>Note</b> Check valves airflow is only in one direction.	<b>Notizen</b> Die Einwegventile den Durchtritt von Luft in eine Richtung.



## Raccordi di arresto - Valvole unidirezionali - Valvole 3 vie

Stop fittings - Unidirectional valves - 3 hand valves

Stopverschraubung - Rückschlagventile - 3 Wege Ventile

### RF 20K

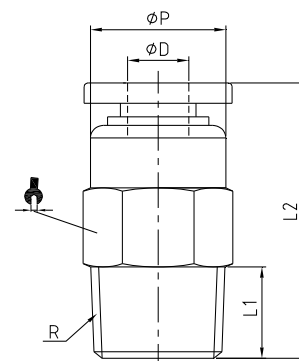


#### Valvola unidirezionale dritto maschio conico BSPT

Unidirectional valve male straight taper BSPT

Rückschlagverschraubung Aussengewinde konisches Gewinde

Codice/Code	ØD	R	L1	L2	ØP	⚡	📦
<b>RF20M504</b>	4	M5	3.5	31	10	10	10
<b>RF20M604</b>	4	M6	4	31.5	10	10	10
<b>RF20K1804</b>	4	R1/8	7.5	25	10	10	10
<b>RF20K1806</b>	6	R1/8	7.5	31	12	12	10
<b>RF20K1406</b>	6	R1/4	9.5	33	12	14	10
<b>RF20K1808</b>	8	R1/8	7.5	32.8	14	14	10
<b>RF20K1408</b>	8	R1/4	9.5	34.8	14	14	10
<b>RF20K3810</b>	10	R3/8	10.5	41	17	17	10
<b>RF20K1210</b>	10	R1/2	13.5	43	17	21	10
<b>RF20K3812</b>	12	R3/8	10.5	42.5	20	21	10
<b>RF20K1212</b>	12	R1/2	13.5	44.5	20	21	10



### RF 21K

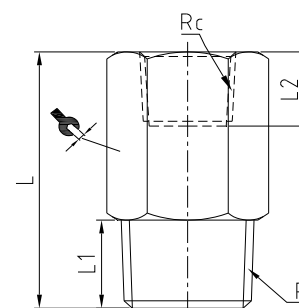


#### Valvola unidirezionale maschio-femmina conico BSPT

Unidirectional valve male-female taper BSPT

Rückschlagverschraubung Innen/Aussengewinde konisches Gewinde

Codice/Code	R	RC	L1	L2	L	⚡	📦
<b>RF21K1818</b>	R1/8	Rc1/8	7.5	8.5	25.2	14	10
<b>RF21K1414</b>	R1/4	Rc1/4	9.5	11	29.8	17	10
<b>RF21K3838</b>	R3/8	Rc3/8	10.5	12	33.5	21	10
<b>RF21K1212</b>	R1/2	Rc1/2	13.5	14	37	24	10



### RF 22

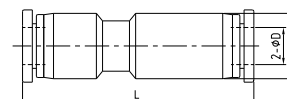


#### Valvola unidirezionale intermedia

Unidirectional valve intermediate

Rückschlagverbinder

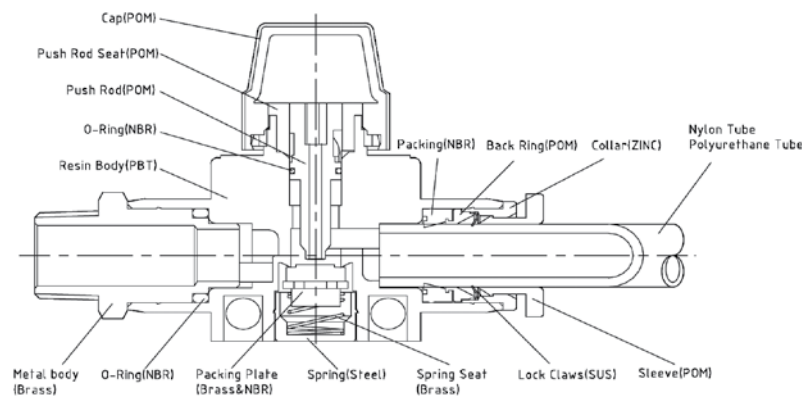
Codice/Code	ØD	ØP	L	📦
<b>RF220004</b>	4	13	47	10
<b>RF220006</b>	6	13	46	10
<b>RF220008</b>	8	15	51	10
<b>RF220010</b>	10	19	62	10
<b>RF220012</b>	12	21.5	64	10



## Dati tecnici valvole manuali 3 vie

3 ways hand valves technical data  
 Technischen Daten der 3 Wege Ventile

<b>Fluido</b> Aria compressa	<b>Fluid</b> Compressed air	<b>Fluid</b> Druckluft
<b>Pressione di esercizio</b> Da 0 a 10 bar	<b>Working pressure</b> From 0 to 150 PSI	<b>Druck</b> Von 0 bis 10 bar
<b>Tenuta al vuoto</b> - 750 mm Hg 10Torr	<b>Vacuum</b> -29,5 in Hg	<b>Vakuumdichtigkeit</b> - 750 mm Hg 10Torr
<b>Temperatura di utilizzo</b> Da 0 ÷ 60°C	<b>Temperature range</b> from 32 to 140°F	<b>Einsatztemperatur</b> Von 0 bis 60°C
<b>Tubi consigliati</b> 1) Poliuretano - 2) Nylon	<b>Recommended tubes</b> 1) Polyurethane - 2) Nylon	<b>Rohrmpfehlungen</b> 1) Polyurethan - 2) Nylon
<b>Materiali</b> Corpo Ottone nichelato - resina (PBT) Pinza Acciaio SUS 301 Pulsante Resina (POM) O-Ring NBR	<b>Materials</b> Body Nickel plated brass or resin (PBT) Lock claws SUS 301 Steel Sleeve Resin (POM) O-Ring NBR	<b>Werkstoffen</b> Körper Vernickelt Messing oder Harz (PBT) Bremsattel Stahl SUS 301 Taste Harz (POM) O-Ringe NBR
<b>Filettatura</b> BSPT conica teflonata.	<b>Thread types</b> BSPT taper with teflon.	<b>Gewinde</b> BSPT konisch mit Teflon.
<b>Diametri e filetti</b> Da 6 mm a 12 mm Da 1/8" a 1/2"	<b>Diameters and threads</b> From 6 mm to 12 mm From 1/8" to 1/2"	<b>Durchmesser und Gewinde</b> Von 6 mm bis 12 mm Von M5 bis 1/2"
<b>Note</b> Le valvole a 3 vie in posizione di chiusura scaricano a valle l'aria residua. Utilizzati per operazioni di manutenzioni.	<b>Note</b> The three-way valve, when the airflow is stopped, discharges residual pressure out. Utilized for upkeep operations.	<b>Notizen</b> Die 3-Wege-Ventile in der geschlossenen Position stromabwärts entladen Restluft. Verwendet für Wartungsarbeiten.



## Raccordi di arresto - Valvole unidirezionali - Valvole 3 vie

Stop fittings - Unidirectional valves - 3 hand valves

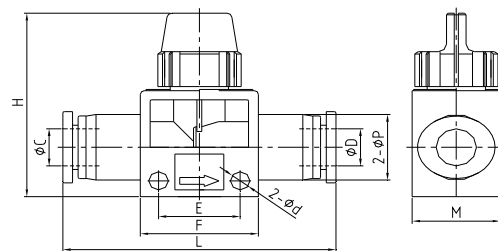
Stopverschraubung - Rückschlagventile - 3 Wege Ventile

### RF 30



#### Valvola tubo tubo

Valve tube-tube  
3 Weg Ventil, Schlauch/Schlauch



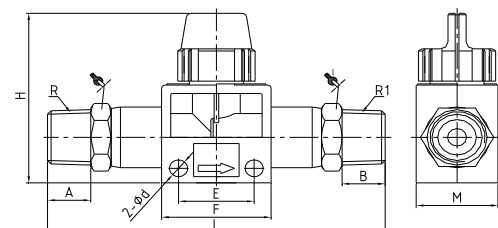
Codice/Code	ØC	ØD	ØP	Ød	E	F	L	H	M				
<b>RF300606</b>	6	6	15	4.2	16.5	24	52	41	18				10
<b>RF300806</b>	8	6	15	4.2	16.5	24	52	41	18				10
<b>RF300808</b>	8	8	15	4.2	16.5	24	52	41	18				10
<b>RF301008</b>	10	8	21.5	4.2	21.5	29	63	45	22				10
<b>RF301010</b>	10	10	21.5	4.2	21.5	29	63	45	22				10
<b>RF301210</b>	12	10	21.5	4.2	21.5	29	63	45	22				10
<b>RF301212</b>	12	12	21.5	4.2	21.5	29	63	45	22				10

### RF 31K



#### Valvola maschio-maschio conico BSPT

Valve male-male taper BSPT  
3 Weg Ventil, Aussengewinde, konisches Gewinde



Codice/Code	R	R1	A	B	Ød	E	F	L	H	M	⚙	⚙	⚙
<b>RF31K1818</b>	R1/8	R1/8	7.5	7.5	4.2	16.5	24	68	41	18	14	14	10
<b>RF31K1418</b>	R1/4	R1/8	9.5	7.5	4.2	16.5	24	70	41	18	14	14	10
<b>RF31K1414</b>	R1/4	R1/4	9.5	9.5	4.2	16.5	24	72	41	18	14	14	10
<b>RF31K3814</b>	R3/8	R1/4	10.5	9.5	4.2	16.5	29	74	45	22	21	21	10
<b>RF31K3838</b>	R3/8	R3/8	10.5	10.5	4.2	21.5	29	84	45	22	21	21	10
<b>RF31K1238</b>	R1/2	R3/8	13.5	10.5	4.2	21.5	29	87	45	22	21	21	10
<b>RF31K1212</b>	R1/2	R1/2	13.5	13.5	4.2	21.5	29	90	45	22	21	21	10

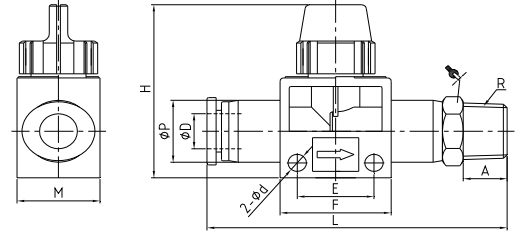
### RF 32K



#### Valvola tubo-maschio conico BSPT

Valve tube male taper BSPT

3 Weg Ventil, Schlauch/Aussengewinde, konisches Gewinde



Codice/Code	ØD	R	A	ØP	Ød	E	F	L	H	M	🔥	📦
RF32K1806	6	R1/8	7.5	15	4.2	16.5	24	63	41	18	14	10
RF32K1406	6	R1/4	9.5	15	4.2	16.5	24	65	41	18	14	10
RF32K3806	6	R3/8	10.5	15	4.2	16.5	24	66	41	18	17	10
RF32K1808	8	R1/8	7.5	15	4.2	16.5	24	63	41	18	14	10
RF32K1408	8	R1/4	9.5	15	4.2	16.5	24	65	41	18	14	10
RF32K3808	8	R3/8	10.5	15	4.2	16.5	24	66	41	18	17	10
RF32K1410	10	R1/4	9.5	21.5	4.2	21.5	29	72	45	22	21	10
RF32K3810	10	R3/8	10.5	21.5	4.2	21.5	29	73	45	22	21	10
RF32K1210	10	R1/2	13.5	21.5	4.2	21.5	29	76	45	22	21	10
RF32K1412	12	R1/4	9.5	21.5	4.2	21.5	29	72	45	22	21	10
RF32K3812	12	R3/8	10.5	21.5	4.2	21.5	29	73	45	22	21	10
RF32K1212	12	R1/2	13.5	21.5	4.2	21.5	29	76	45	22	21	10

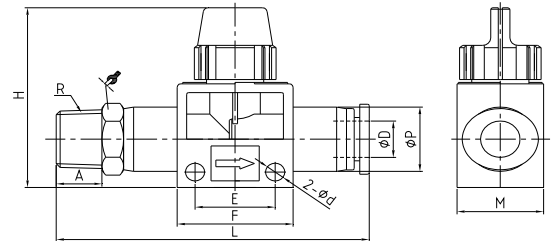
### RF 33K



#### Valvola maschio conico BSPT-tubo

Valve male taper BSPT-tube

3 Weg Ventil, Aussengewinde konisches Gewinde /Schlauch



Codice/Code	ØD	R	A	ØP	Ød	E	F	L	H	M	🔥	📦
RF33K1806	6	R1/8	7.5	15	4.2	16.5	24	63	41	18	14	10
RF33K1406	6	R1/4	9.5	15	4.2	16.5	24	65	41	18	14	10
RF33K3806	6	R3/8	10.5	15	4.2	16.5	24	66	41	18	17	10
RF33K1808	8	R1/8	7.5	15	4.2	16.5	24	63	41	18	14	10
RF33K1408	8	R1/4	9.5	15	4.2	16.5	24	65	41	18	14	10
RF33K3808	8	R3/8	10.5	15	4.2	16.5	24	66	41	18	17	10
RF33K1410	10	R1/4	9.5	21.5	4.2	21.5	29	72	45	22	21	10
RF33K3810	10	R3/8	10.5	21.5	4.2	21.5	29	73	45	22	21	10
RF33K1210	10	R1/2	13.5	21.5	4.2	21.5	29	76	45	22	21	10
RF33K1412	12	R1/4	9.5	21.5	4.2	21.5	29	72	45	22	21	10
RF33K3812	12	R3/8	10.5	21.5	4.2	21.5	29	73	45	22	21	10
RF33K1212	12	R1/2	13.5	21.5	4.2	21.5	29	76	45	22	21	10



# Raccordi ad innesto rapido

Push-in fittings  
Steckverschraubungen

<b>RK</b>	<b>Raccordi ad innesto rapido in ottone-plastica</b> Brass plastic push-in fittings Steckverschraubungen Messing/Kunststoff	66
<b>RT</b>	<b>Raccordi ad innesto rapido in ottone</b> Brass push-in fittings Steckverschraubungen Messing	76
<b>RA</b>	<b>Raccordi ad innesto rapido in ottone alimentare NSF</b> Brass food push-in fittings NSF Steckverschraubungen Messing für Lebensmittelindustrie NSF	88
<b>RP-G</b>	<b>Raccordi ad innesto rapido in polimero (grigio)</b> Plastic push-in fittings (grey) Steckverschraubungen Kunststoff (grau)	95
<b>RP-B</b>	<b>Raccordi ad innesto rapido in polimero (anellino tondo blu)</b> Plastic push-in fittings (blu round sleeve colour) Steckverschraubungen Kunststoff ( blau farbe-taste)	102
<b>RP</b>	<b>Raccordi ad innesto rapido in polimero</b> Plastic push-in fittings Steckverschraubungen Kunststoff	109
<b>RP-C</b>	<b>Raccordi ad innesto rapido in polimero serie mini</b> Compact plastic push-in fittings mini serie Steckverschraubungen Kunststoff Serie mini	126
<b>PF</b>	<b>Raccordi ad innesto rapido PVDF</b> PVDF push-in fittings Steckverschraubungen PVDF	130
<b>RX</b>	<b>Raccordi ad innesto rapido INOX AISI 316</b> INOX AISI 316 push-in fittings Steckverschraubungen Edelstahl AISI 316	134

## Istruzioni per l'uso dei raccordi automatici

Instructions for using push-in fittings

Hinweise für den Einsatz von Steckverschraubungen



- **Tagliare il tubo a 90° mediante apposita pinza taglia tubi**
- **Accertarsi che il tubo sia esente da danni, imperfezioni e/o ovalizzazioni**
- **Inserire il tubo nel raccordo**

- Cut the tube at 90 ° by means of cutting pliers
- Make sure the pipe is free of damage, imperfections and / or out of roundness
- Insert the pipe into the fitting

- Schneiden Sie das Rohr bei 90 ° mit einer Zange
- Stellen Sie sicher, das Rohr ist frei von Schäden, Mängel und / oder Unrundheit
- Stecken Sie das Rohr in der Verschraubung



- **Spingere fino alla battuta e tirarlo con accortezza per verificarne il corretto inserimento**

- Push and pull up at bat with care to verify the correct insertion
- Schieben am Schlag und ziehen mit Sorgfalt, um die korrekte Insertion überprüfen



- **Accertarsi dell'assenza di pressione nel tubo prima di procedere allo sfilamento**
- **Per sganciare il tubo premere l'anello e tirare**
- **Per poter riutilizzare il tubo, tagliare la parte che è stata agganciata al raccordo**

- Check the absence of pressure in the tube before proceeding to pull out
- To release the press tube and pull the ring
- To reuse the tube, cut the part that was attached to the fitting

- Überprüfen Sie die Abwesenheit von Druck in der Röhre, bevor Sie fortfahren, sich aus
- Zum Lösen der Rohr schieben und ziehen Sie den Ring
- Um das Rohr wieder verwenden, schneiden Sie den Teil, der an der Armatur angebracht wurde

## Raccordi ad innesto rapido in ottone - plastica

Brass plastic push-in fittings

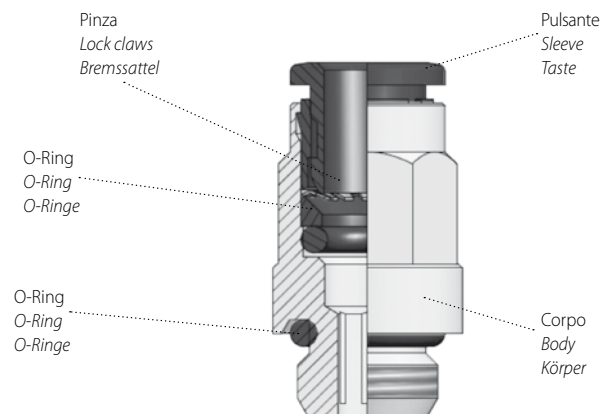
Steckverschraubungen Messing/Kunststoff

### Dati tecnici dei raccordi rapidi in ottone-plastica

Brass plastic push-in fittings technical data

Technischen Daten der Steckverschraubungen Messing/Kunststoff

<b>Fluido</b> Aria compressa (altri fluidi a richiesta)	<b>Fluid</b> Compressed air (other fluids on request)	<b>Fluid</b> Druckluft (andere Medien auf Anfrage)
<b>Pressione di esercizio</b> Tubo: Ø4 – Ø10 mm Pressione (con temperatura di utilizzo 20°C): 16 Bar Tubo: Ø12 – Ø14 mm Pressione (con temperatura di utilizzo 20°C): 12 Bar	<b>Working pressure</b> Tube: Ø4 – Ø10 mm Pressure (with working temperature 20°C): 16 Bar Tube: Ø12 – Ø14 mm Pressure (with working temperature 20°C): 12 Bar	<b>Druck</b> Schlauch: Ø4 – Ø10 mm Druck (mit einer Betriebstemperatur von 20°C): 16 Bar Schlauch: Ø12 – Ø14 mm Druck (mit einer Betriebstemperatur von 20°C): 12 Bar
<b>Temperatura di utilizzo</b> -20°C / +70°C	<b>Temperature range</b> -4°F / +158°F	<b>Einsatztemperatur</b> -20°C / +70°C
<b>Tubi consigliati</b> 1)Poliuretano - 2)Poliammide - 3)Polietilene - 4)Nylon	<b>Recommended tubes</b> 1)Polyurethane - 2)Polyamide - 3)Polyethylene - 4)Nylon	<b>Rohrmpfehlungen</b> 1)Polyurethan - 2)Polyamid - 3)Polyethylen - 4)Nylon
<b>Tolleranze</b> ± 0.10 mm	<b>Tolerances</b> ± 0.10 mm	<b>Toleranzen</b> ± 0.10 mm
<b>Materiali</b> Corpo: Ottone nichelato CW614 N / CW617 N Pinza: Acciaio AISI 301 Pulsante: Resina acetalica O-Ring: NBR esente da silicone	<b>Materials</b> Body: Nickel plated brass CW614 N / CW617 N Lock claws: AISI 301 Steel Sleeve: Acetal resin O-Ring: NBR silicon free	<b>Werkstoffen</b> Körper: vernickelt Messing CW614N/CW617N Bremsattel: Edelstahl AISI 301 Taste: Acetal O-Ringe: NBR Silikonfrei
<b>Filettatura</b> BSPP cilindrica UNI-ISO228 - ISO16030 con O-Ring. BSPT conica UNI-ISO 7 teflonata. Metrica ISO/R 262. NPT ANSI-ASME B1-20 su richiesta.	<b>Thread types</b> BSPP parallel UNI-ISO228 - ISO16030 with O-ring. BSPT taper UNI-ISO 7 with teflon. Metric ISO/R 262. NPT ANSI-ASME B1-20 on request.	<b>Gewinde</b> BSPP zylindrisch UNI-ISO228 - ISO16030 mit O-Ringen. BSPT konische UNI-ISO 7 mit Teflon. Metrische ISO/R 262. NPT ANSI-ASME B1-20 auf Anfrage.
<b>Diametri e filetti</b> Diametri da 4 mm a 14 mm - Filettature da M5 a 1/2"	<b>Threads and diameters</b> Diameters from 4 mm to 14 mm - Threads from M5 to 1/2"	<b>Durchmesser und Gewinde</b> Durchmesser von 4 mm bis 14 mm - Gewinde von M5 bis 1/2"
<b>Caratteristiche principali</b> 1. Tenuta al vuoto - 2. Montaggio istantaneo - 3. Gamma modulare - 4. Ingombri ottimizzati	<b>Main features</b> 1. Vacuum - 2. Instant connection - 3. Modular assembly 4. Optimized dimensions	<b>Haupteigenschaften</b> 1. Vakuumdichtigkeit - 2. Sofortige Installation - 3. Baukasten 4. Optimierte Abmessungen



### RK 51K

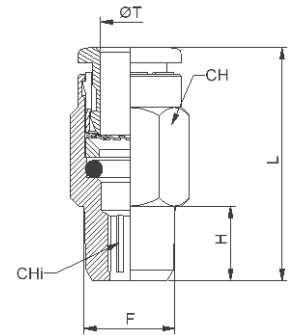


#### Diritto maschio conico BSPT

Male straight taper BSPT

Gerade Einschraubverschraubung Teflon, konisches Gewinde

Codice/Code	ØT	F"	H	L	CH	Chi	
RK51K1804	4	R1/8	8	19.5	10	2.5	10
RK51K1404	4	R1/4	11	21.5	14	2.5	10
RK51K1806	6	R1/8	8	24.8	11	4	10
RK51K1406	6	R1/4	11	23.8	14	4	10
RK51K1808	8	R1/8	8	28	13	5	10
RK51K1408	8	R1/4	11	24	14	6	10
RK51K3808	8	R3/8	11.5	24.5	17	6	10
RK51K1410	10	R1/4	11	28.9	16	7	10
RK51K3810	10	R3/8	11.5	29.4	17	8	10
RK51K1210	10	R1/2	14	29.4	22	8	10
RK51K1412	12	R1/4	11	35.5	19	7	10
RK51K3812	12	R3/8	11.5	32	19	10	10
RK51K1212	12	R1/2	14	31.3	22	10	10
RK51K3814	14	R3/8	11.5	37.5	21	10	10
RK51K1214	14	R1/2	14	35	22	10	10



### RK 51

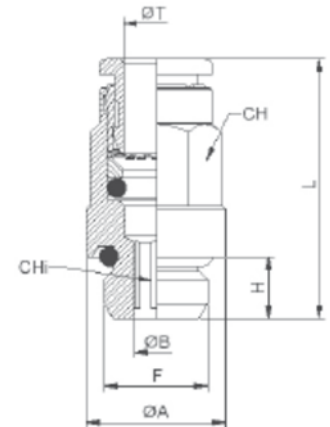


#### Diritto maschio cilindrico BSPP-metrico

Male straight parallel BSPP-metric

Gerade Einschraubverschraubung, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	ØB	H	L	CH	Chi	
RK51M504	4	M5	8	2.6	4	20.5	9	2.5	10
RK511804	4	G1/8	13.5	2.6	5.5	19.5	9	2.5	10
RK511404	4	G1/4	17	2.6	6.5	19.5	9	2.5	10
RK511806	6	G1/8	13.5	4.2	5.5	24.8	11	4	10
RK511406	6	G1/4	17	4.2	6.5	22.8	11	4	10
RK511808	8	G1/8	12.8	5.2	5.5	26.5	13	5	10
RK511408	8	G1/4	17	6.2	6.5	24	13	6	10
RK513808	8	G3/8	20	6.2	7.5	24	13	6	10
RK511208	8	G1/2	24	6.2	9	22.5	13	6	10
RK511810	10	G1/8	13	5.2	5.5	28.9	16	5	10
RK511410	10	G1/4	16	7.3	6.5	28.9	16	7	10
RK513810	10	G3/8	21	8.3	7.5	29.4	16	8	10
RK511210	10	G1/2	24	8.3	9	28.9	16	8	10
RK511412	12	G1/4	16	7.3	6.5	31.9	19	7	10
RK513812	12	G3/8	22	10.3	7.5	31.9	19	10	10
RK511212	12	G1/2	24	10.3	9	31.2	19	10	10
RK513814	14	G3/8	21	10.3	7.5	34.1	21	10	10
RK511214	14	G1/2	25	12.3	9	33.6	21	12	10



### RK 51T

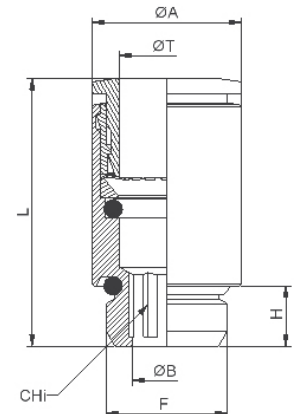


#### Diritto tondo cilindrico BSPP-metrico

Round male straight-metric

Runde Einschraubverschraubung, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	ØB	H	L	Chi	
RK51TM504	4	M5	9	2.6	4	20.5	2.5	10
RK51TM604	4	M6	9	2.6	5	21.5	2.5	10
RK51TM506	6	M5	11	2.6	4	23.8	2.5	10



## Raccordi ad innesto rapido in ottone - plastica

Brass plastic push-in fittings

Steckverschraubungen Messing/Kunststoff

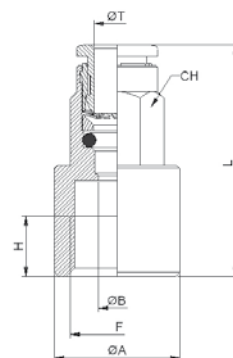
### RK 52



#### Diritto femmina cilindrico BSPP-metrico

Female straight parallel BSPP-metric  
Manometerverschraubung zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	ØB	H	L	CH	
RK52M504	4	M5	9	3	4.5	23	9	10
RK521804	4	G1/8	12	3	6.5	26.5	9	10
RK521404	4	G1/4	17	3	10	29.5	9	10
RK521806	6	G1/8	12	5	6.5	28.3	11	10
RK521406	6	G1/4	17	5	10	31.3	11	10
RK521808	8	G1/8	12	7	6.5	28.5	13	10
RK521408	8	G1/4	17	7	10	32.5	13	10



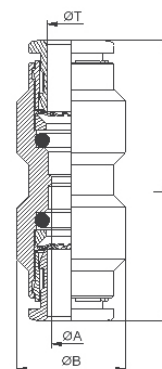
### RK 53



#### Diritto intermedio

Straight intermediate  
Gerader Verbinder

Codice/Code	ØT	ØA	ØB	L			
RK530004	4	3	11	32			10
RK530006	6	5	13	36.1			10
RK530008	8	7	15	38			10
RK530010	10	9	18	42.3			10
RK530012	12	11	21	45.8			10
RK530014	14	13	23	48.9			10



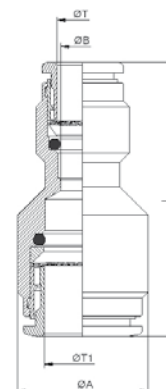
### RK 53



#### Diritto intermedio ridotto

Straight reducer  
Reduzierung Gerader Verbinder

Codice/Code	ØT1	ØT	ØA	ØB	L		
RK530604	6	4	13	3	34.8		10
RK530806	8	6	15	5	37.8		10
RK531008	10	8	18	7	40.9		10



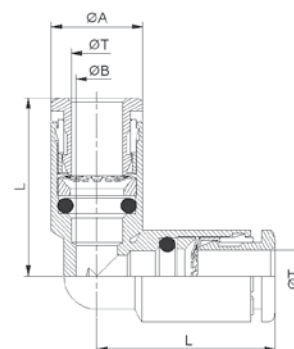
### RK 54



#### L intermedio

L intermediate  
Winkelverbinder

Codice/Code	ØT	ØA	ØB	L			
RK540004	4	9	3	17.3			10
RK540006	6	11	5	20.6			10
RK540008	8	13	7	23			10
RK540010	10	16	8	26.4			10
RK540012	12	19	10	28.9			10
RK540014	14	21	12	31.5			10





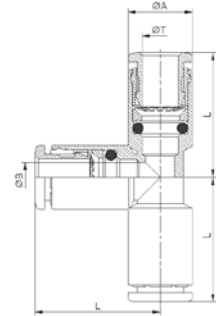
### RK 55



#### T intermedio

T intermediale  
T Verbinder

Codice/Code	ØT	ØA	ØB	L				
<b>RK550004</b>	4	9	3	17.3				10
<b>RK550006</b>	6	11	5	20.6				10
<b>RK550008</b>	8	13	7	23				10
<b>RK550010</b>	10	16	8	26.4				10
<b>RK550012</b>	12	19	10	28.9				10
<b>RK550014</b>	14	21	12	31.5				10



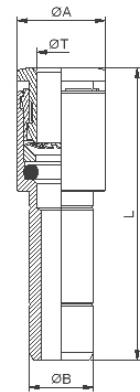
### RK 58



#### Adattatore riduzione-maggiorazione

Reducer-increaser plug-in  
Reduzierung Winkelverbinder

Codice/Code	ØB	ØT	ØA	L				
<b>RK580604</b>	6	4	9	32.5				10
<b>RK580804</b>	8	4	9	34				10
<b>RK580806</b>	8	6	11	36.3				10
<b>RK581006</b>	10	6	11	39.3				10
<b>RK581008</b>	10	8	13	39				10
<b>RK581204</b>	12	4	13	40				10
<b>RK581206</b>	12	6	13	40.3				10
<b>RK581208</b>	12	8	13	39.5				10
<b>RK581210</b>	12	10	16	41.4				10
<b>RK581404</b>	14	4	15	43.5				10
<b>RK581406</b>	14	6	15	43.8				10
<b>RK581408</b>	14	8	15	44				10
<b>RK581410</b>	14	10	16	43.9				10
<b>RK581412</b>	14	12	19	45.9				10
<b>RK5810406</b>	4	6	11	35.5				10
<b>RK5810608</b>	6	8	13	39				10



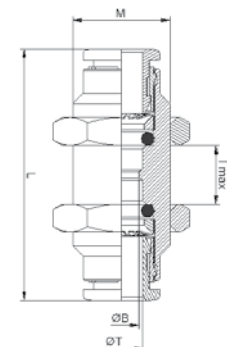
### RK 60



#### Passalamiera

Union bulkhead  
Schottverschraubung

Codice/Code	ØT	M	ØB	L	L max			
<b>RK600004</b>	4	M11	3	32	8			10
<b>RK600006</b>	6	M14	5	36.1	8			10
<b>RK600008</b>	8	M16	7	38	10			10
<b>RK600010</b>	10	M18	9	42.3	12			10
<b>RK600012</b>	12	M22	11	45.8	17			10
<b>RK600014</b>	14	M24	13	47.5	18			10



## Raccordi ad innesto rapido in ottone - plastica

Brass plastic push-in fittings

Steckverschraubungen Messing/Kunststoff

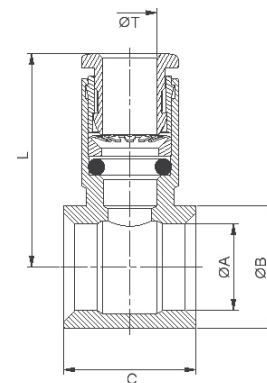
### RK 63



#### Banjo singolo

Banjo (single)  
Ringstück 1-Fach

Codice/Code	ØT	ØA	ØB	C	L		
RK63M504	4	M5	8	9	19.5		10
RK631804	4	G1/8	14	15	21.1		10
RK631806	6	G1/8	14	15	24.3		10
RK631406	6	G1/4	18	17	25.5		10
RK631808	8	G1/8	14	15	24.8		10
RK631408	8	G1/4	18	17	26.5		10
RK633808	8	G3/8	21	20	28		10
RK631410	10	G1/4	18	17	28.4		10
RK633810	10	G3/8	21	20	29.9		10
RK631412	12	G1/4	18	17	27.5		10
RK633812	12	G3/8	21	20	31.4		10
RK631212	12	G1/2	26	24	34.9		10
RK631214	14	G1/2	26	24	35.5		10



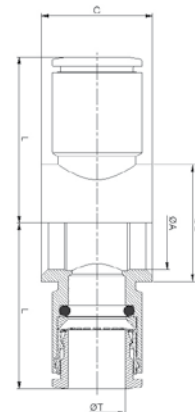
### RK 64



#### Banjo doppio

Banjo (double)  
Ringstück 2-Fach

Codice/Code	ØT	ØA	ØB	C	L		
RK64M504	4	M5	8	9	19.5		10
RK641804	4	G1/8	14	15	21.1		10
RK641806	6	G1/8	14	15	24.3		10
RK641406	6	G1/4	18	17	25.5		10
RK641808	8	G1/8	14	15	24.8		10
RK641408	8	G1/4	18	17	26.5		10
RK643808	8	G3/8	21	20	28		10
RK641410	10	G1/4	18	17	28.4		10
RK643810	10	G3/8	21	20	29.9		10



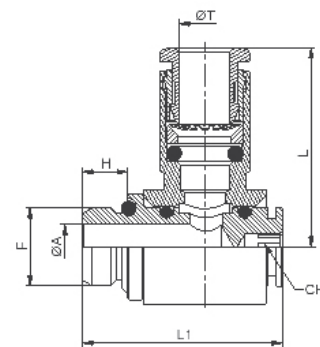
### RK 65



#### Banjo singolo girevole cilindrico BSPP-metrico

Rotating single banjo parallel BSPP-metric  
Winkelverschraubung Drehbar, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	H	L	L1	Chi	
RK65M504	4	M5	2	4	19.5	16.8	2	10
RK651804	4	G1/8	5.5	5.5	21.1	24.5	3	10
RK651806	6	G1/8	5.5	5.5	24.3	24.5	3	10
RK651406	6	G1/4	7.8	6.5	25.5	27.8	4	10
RK651808	8	G1/8	5.5	5.5	24.8	24.5	3	10
RK651408	8	G1/4	7.8	6.5	26.5	27.8	4	10
RK653808	8	G3/8	10	7.5	28	32.5	5	10
RK651410	10	G1/4	7.8	6.5	28.4	27.8	4	10
RK653810	10	G3/8	10	7.5	29.9	32.5	5	10
RK651212	12	G3/8	10	7.5	31.4	32.5	5	10
RK651212	12	G1/2	12	9	34.9	38.8	8	10
RK651214	14	G1/2	12	9	35.5	38.8	8	10



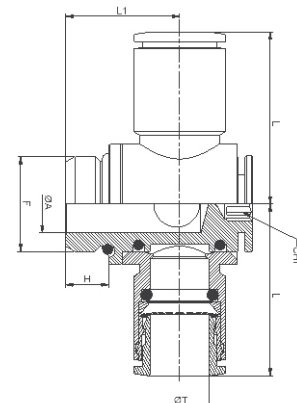
### RK 66



#### Banjo doppio girevole cilindrico BSPP-metrico

Rotating double banjo parallel BSPP-metric  
T-Einschraubverschraubung Drehbar, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	H	L	L1	Chi	
RK66M504	4	M5	2	4	19.5	16.8	2	10
RK661804	4	G1/8	5.5	5.5	21.1	24.5	3	10
RK661806	6	G1/8	5.5	5.5	24.3	24.5	3	10
RK661406	6	G1/4	7.8	6.5	25.5	27.8	4	10
RK661808	8	G1/8	5.5	5.5	24.8	24.5	3	10
RK661408	8	G1/4	7.8	6.5	26.5	27.8	4	10
RK663808	8	G3/8	10	7.5	28	32.5	5	10
RK661410	10	G1/4	7.8	6.5	28.4	27.8	4	10
RK663810	10	G3/8	10	7.5	29.9	32.5	5	10



### RK 70K

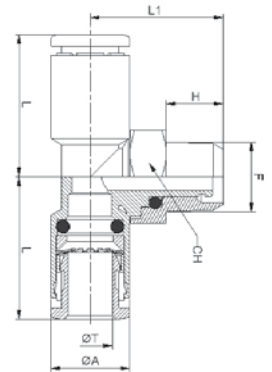


#### T maschio al centro girevole conico BSPT

Central T male (rotating body) taper BSPT

T-Einschraubverschraubung, konisches Gewinde, mit Teflon

Codice/Code	ØT	F"	ØA	H	L	L1	CH	
RK70K1804	4	R1/8	11	8	17.3	18.6	13	10
RK70K1806	6	R1/8	11	8	19.8	18.6	13	10
RK70K1406	6	R1/4	11	11	22.1	23.5	14	10
RK70K1808	8	R1/8	13	8	23	20.5	13	10
RK70K1408	8	R1/4	13	11	23	23.5	14	10
RK70K3808	8	R3/8	13	11.5	24.5	26.5	17	10
RK70K1410	10	R1/4	16	11	26.4	25.5	14	10
RK70K3810	10	R3/8	16	11.5	26.4	26.5	17	10
RK70K1210	10	R1/2	16	14	27.9	31.9	22	10
RK70K1412	12	R1/4	19	11	31.9	24.5	14	10
RK70K3812	12	R3/8	19	11.5	28.9	27	17	10
RK70K1212	12	R1/2	19	14	28.9	33.9	22	10



### RK 70

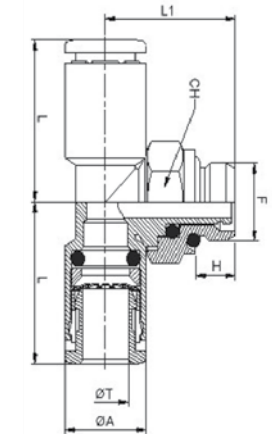


#### T maschio al centro girevole cilindrico BSPP-metrico

Central T male (rotating body) parallel BSPP-metric

T-Verschraubung, Drehbar, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	L	L1	CH	H	
RK70M504	4	M5	9	17.3	20	8	4	10
RK701804	4	G1/8	11	17.3	18.5	13	5.5	10
RK70M506	6	M5	11	20	20.6	8	4	10
RK701806	6	G1/8	11	20.6	18.5	13	5.5	10
RK701406	6	G1/4	11	22.1	22.5	16	6.5	10
RK701808	8	G1/8	13	23	20.5	13	5.5	10
RK701408	8	G1/4	13	23	22.5	16	6.5	10
RK703808	8	G3/8	13	24.5	25.5	18	7.5	10
RK701410	10	G1/4	16	26.4	24.5	16	6.5	10
RK703810	10	G3/8	16	26.4	25.5	18	7.5	10
RK701210	10	G1/2	16	27.9	29	21	9	10
RK701412	12	G1/4	19	28.9	24.5	19	6.5	10
RK703812	12	G3/8	19	28.9	24.5	18	7.5	10
RK701212	12	G1/2	19	28.9	31	21	9	10
RK703814	14	G3/8	21	31.5	28	18	7.5	10



### RK 71K

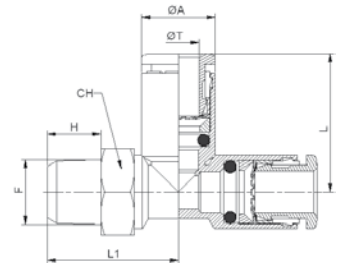


#### T maschio laterale girevole conico BSPT

Lateral T male (rotating body) taper BSPT

L Verschraubung, Drehbar, konisches Gewinde

Codice/Code	ØT	F"	ØA	L	L1	CH	H	
RK71K1804	4	R1/8	11	17.7	18.6	13	8	10
RK71K1806	6	R1/8	11	19.8	18.6	13	8	10
RK71K1406	6	R1/4	11	22.1	23.5	14	11	10
RK71K1808	8	R1/8	13	23	20.5	13	8	10
RK71K1408	8	R1/4	13	23	23.5	14	11	10
RK71K3808	8	R3/8	13	24.5	26.5	17	11.5	10
RK71K1410	10	R1/4	16	26.4	25.5	14	11	10
RK71K3810	10	R3/8	16	26.4	26.5	17	11.5	10
RK71K3812	12	R3/8	19	28.9	27	17	11.5	10
RK71K1212	12	R1/2	19	28.9	33.9	22	14	10



## Raccordi ad innesto rapido in ottone - plastica

Brass plastic push-in fittings

Steckverschraubungen Messing/Kunststoff

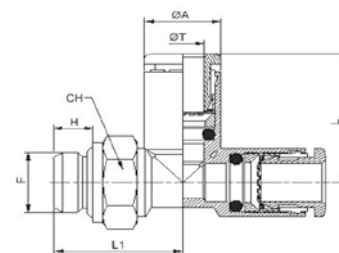
### RK 71



#### T maschio laterale girevole cilindrico BSPP-metrico

Lateral T male (rotating body) parallel BSPP-metric  
L Verschraubung, Drehbar, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	L	L1	CH	H	
<b>RK71M504</b>	4	M5	9	17.3	20	8	4	10
<b>RK711804</b>	4	G1/8	11	17.3	18.5	13	5.5	10
<b>RK711806</b>	6	G1/8	11	20.6	18.5	13	5.5	10
<b>RK711406</b>	6	G1/4	11	22.3	22.5	16	6.5	10
<b>RK711808</b>	8	G1/8	13	23	20.5	13	5.5	10
<b>RK711408</b>	8	G1/4	13	23	22.5	16	6.5	10
<b>RK713808</b>	8	G3/8	13	24.5	25.5	18	7.5	10
<b>RK711410</b>	10	G1/4	16	26.4	24.5	16	6.5	10
<b>RK713810</b>	10	G3/8	16	26.4	25.5	18	7.5	10
<b>RK711412</b>	12	G1/4	19	28.9	24.5	16	6.5	10
<b>RK713812</b>	12	G3/8	19	28.9	24.5	18	7.5	10



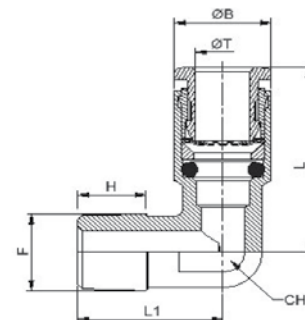
### RK 69K



#### Gomito fisso maschio conico BSPT

Elbow male (not rotating body) taper BSPT  
Winkverschraubung, Drehbar, konisches Gewinde

Codice/Code	ØT	F"	ØB	L	L1	CH	H	
<b>RK69K1804</b>	4	R1/8	9.5	18.6	16.5	10	8	10
<b>RK69K1806</b>	6	R1/8	11	23.8	16.5	10	8	10
<b>RK69K1406</b>	6	R1/4	11	25	22.5	11	12.5	10
<b>RK69K1808</b>	8	R1/8	13	25.5	18.5	11	9	10
<b>RK69K1408</b>	8	R1/4	13	25.5	22	11	12	10
<b>RK69K1410</b>	10	R1/4	16	28.4	24	13	12.5	10



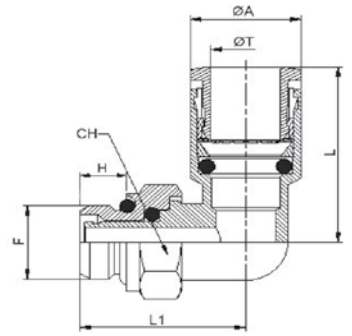
### RK 72



#### Gomito maschio girevole cilindrico BSPP-metrico

Elbow male (rotating body) parallel BSPP-metric  
Winkelverschraubung, Drehbar, zylindrisches Gewinde

Code/Code	ØT	F"	ØA	L	L1	CH	H	10
<b>RK72M504</b>	4	M5	9	17.3	20	8	4	10
<b>RK721804</b>	4	G1/8	11	17.3	18.5	13	5.5	10
<b>RK721404</b>	4	G1/4	13	19	22.5	16	6.5	10
<b>RK72M506</b>	6	M5	11	20	20.6	8	4	10
<b>RK721806</b>	6	G1/8	11	20.6	18.5	13	5.5	10
<b>RK721406</b>	6	G1/4	11	22.1	22.5	16	6.5	10
<b>RK721808</b>	8	G1/8	13	23	20.5	13	5.5	10
<b>RK721408</b>	8	G1/4	13	23	22.5	16	6.5	10
<b>RK723808</b>	8	G3/8	13	24.5	25.5	18	7.5	10
<b>RK721410</b>	10	G1/4	16	26.4	24.5	16	6.5	10
<b>RK723810</b>	10	G3/8	16	26.4	25.5	18	7.5	10
<b>RK721210</b>	10	G1/2	16	27.9	29	21	9	10
<b>RK721412</b>	12	G1/4	19	28.9	24.5	16	6.5	10
<b>RK723812</b>	12	G3/8	19	28.9	24.5	18	7.5	10
<b>RK721212</b>	12	G1/2	19	28.9	31	21	9	10
<b>RK723814</b>	14	G3/8	21	31.5	28	18	7.5	10
<b>RK721214</b>	14	G1/2	21	31.5	33	21	9	10



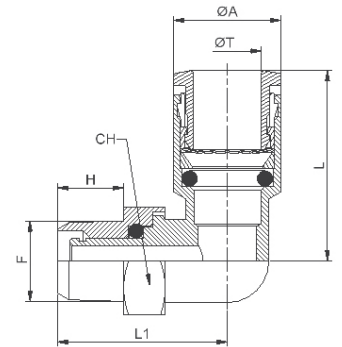
### RK 72K



#### Gomito maschio girevole conico BSPT

Elbow male (rotating body) taper BSPT  
Winkelverschraubung, Drehbar, konisches Gewinde

Code/Code	ØT	F"	ØA	H	L	L1	CH	10
<b>RK72K1804</b>	4	R1/8	11	8	17.7	18.6	13	10
<b>RK72K1404</b>	4	R1/4	13	11	19	23.5	14	10
<b>RK72K1806</b>	6	R1/8	11	8	19.8	18.6	13	10
<b>RK72K1406</b>	6	R1/4	11	11	22.1	23.5	14	10
<b>RK72K1808</b>	8	R1/8	13	8	23	20.5	13	10
<b>RK72K1408</b>	8	R1/4	13	11	23	23.5	14	10
<b>RK72K3808</b>	8	R3/8	13	11.5	24.5	26.5	17	10
<b>RK72K1410</b>	10	R1/4	16	11	26.4	25.5	14	10
<b>RK72K3810</b>	10	R3/8	16	11.5	26.4	26.5	17	10
<b>RK72K1210</b>	10	R1/2	16	14	27.9	31.1	22	10
<b>RK72K1412</b>	12	R1/4	19	11	28.9	26.5	14	10
<b>RK72K3812</b>	12	R3/8	19	11.5	28.9	28.1	17	10
<b>RK72K1212</b>	12	R1/2	19	14	28.9	31.1	22	10
<b>RK72K3814</b>	14	R3/8	21	11.5	31.5	30.3	17	10
<b>RK72K1214</b>	14	R1/2	21	14	31.5	31.1	22	10





## Raccordi ad innesto rapido in ottone - plastica

Brass plastic push-in fittings

Steckverschraubungen Messing/Kunststoff

### RK 73

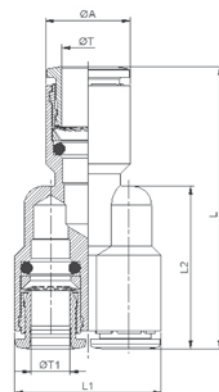


#### Y innestabile

Y Connector

Y Verteiler

Codice/Code	ØT	ØT1	ØA	L	L1	L2	
<b>RK730006</b>	6	6	11.4	43.1	23.1	25.8	10
<b>RK730008</b>	8	8	13.45	46.5	27.1	29	10
<b>RK730010</b>	10	10	16.4	51.8	33.1	32.4	10
<b>RK731008</b>	10	8	16.4	48.9	27.1	29	10



### RK 75

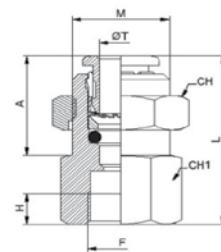


#### Femmina passalamiera cilindrico BSPP

Straight female bulkhead parallel BSPP

Schottverschraubung Innengewinde

Codice/Code	ØT	F"	M	A	H	L	CH1	CH	
<b>RK751804</b>	4	G1/8	M10	15.5	6.5	25.5	15	13	10
<b>RK751806</b>	6	G1/8	M14	15.8	6.5	26.8	15	17	10
<b>RK751406</b>	6	G1/4	M14	15.8	10	31.3	17	17	10
<b>RK751808</b>	8	G1/8	M16	16	6.5	29	17	19	10
<b>RK751408</b>	8	G1/4	M16	16	10	33.5	17	19	10



### RK 77

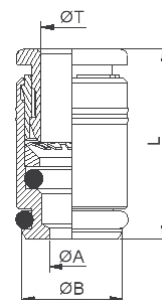


#### Cartuccia in ottone

Brass cartridge

Einpresspatrone

Codice/Code	ØT	ØA	ØB	L				
<b>RK770004</b>	4	2.9	7.8	14				10
<b>RK770006</b>	6	4.5	10	16				10
<b>RK770008</b>	8	6.5	12.3	17				10




### RK 83

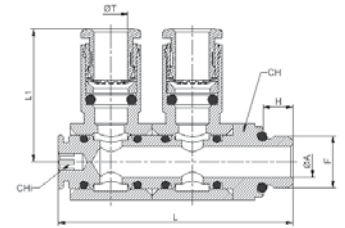


#### Doppio L girevole cilindrico BSPP

Double elbow (rotating body) parallel BSPP

Winkeleinschraubverschraubung 2-Fach, Drehbar, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	H	L	L1	CH	CHi	
<b>RK831804</b>	4	G1/8	5.5	5.5	43.3	21.1	14	3	10
<b>RK831806</b>	6	G1/8	5.5	5.5	43.3	24.3	14	3	10
<b>RK831406</b>	6	G1/4	6.5	6.5	50	25.5	18	4	10
<b>RK831808</b>	8	G1/8	5.5	5.5	43.3	24.8	14	3	10
<b>RK831408</b>	8	G1/4	6.5	6.5	50	26.5	18	4	10
<b>RK831410</b>	10	G1/4	6.5	6.5	50	28.4	18	4	10




### RK 84

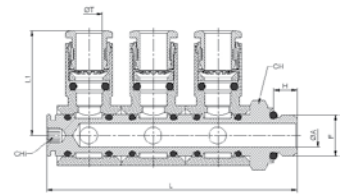


#### Triplo L girevole cilindrico BSPP

Triple elbow (rotating body) parallel BSPP

Winkeleinschraubverschraubung 3-Fach, Drehbar, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	H	L	L1	CH	CHi	
<b>RK841804</b>	4	G1/8	5.5	5.5	59	21.1	14	3	10
<b>RK841806</b>	6	G1/8	5.5	5.5	59	24.3	14	3	10
<b>RK841808</b>	8	G1/8	5.5	5.5	59	24.8	14	3	10



# Raccordi ad innesto rapido in ottone

## Brass push-in fittings

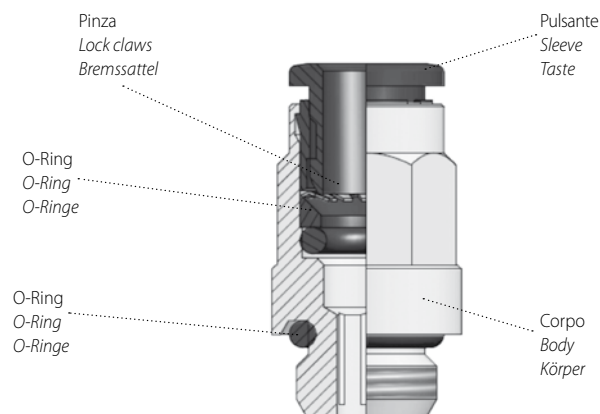
## Steckverschraubungen Messing

### Dati tecnici dei raccordi rapidi in ottone

Brass push-in fittings technical data

Technischen Daten der Steckverschraubungen Messing

<b>Fluido</b> Aria compressa (altri fluidi a richiesta)	<b>Fluid</b> Compressed air (other fluids on request)	<b>Fluid</b> Druckluft (andere Medien auf Anfrage)
<b>Pressione di esercizio</b> Tubo: Ø4 – Ø10 mm Pressione (con temperatura di utilizzo 20°C): 16 Bar Tubo: Ø12 – Ø14 mm Pressione (con temperatura di utilizzo 20°C): 12 Bar	<b>Working pressure</b> Tube: Ø4 – Ø10 mm Pressure (with working temperature 20°C): 16 Bar Tube: Ø12 – Ø14 mm Pressure (with working temperature 20°C): 12 Bar	<b>Druck</b> Schlauch: Ø4 – Ø10 mm Druck (mit einer Betriebstemperatur von 20°C): 16 Bar Schlauch: Ø12 – Ø14 mm Druck (mit einer Betriebstemperatur von 20°C): 12 Bar
<b>Temperatura di utilizzo</b> -20°C / +70°C	<b>Temperature range</b> -4°F / +158°F	<b>Einsatztemperatur</b> -20°C / +70°C
<b>Tubi consigliati</b> 1)Poliuretano - 2)Poliammide - 3)Polietilene - 4)Nylon	<b>Recommended tubes</b> 1)Polyurethane - 2)Polyamide - 3)Polyethylene - 4)Nylon	<b>Rohempfehlungen</b> 1)Polyurethan - 2)Polyamid - 3)Polyethylen - 4)Nylon
<b>Tolleranze</b> ± 0.10 mm	<b>Tolerances</b> ± 0.10 mm	<b>Toleranzen</b> ± 0.10 mm
<b>Materiali</b> Corpo: Ottone nichelato CW614 N / CW617 N Pinza: Acciaio AISI 301 Pulsante: Ottone nichelato CW614 N O-Ring: NBR esente da silicone	<b>Materials</b> Body: Nickel plated brass CW614 N / CW617 N Lock claws: AISI 301 Steel Sleeve: Nickel plated brass CW614 N O-Ring: NBR silicon free	<b>Werkstoffen</b> Körper: vernickelt Messing CW614N/CW617N Bremsattel: Edelstahl AISI 301 Taste: vernickelt Messing CW614 N O-Ringe: NBR Silikonfrei
<b>Filettatura</b> BSPP cilindrica UNI-ISO228 - ISO16030 con O-Ring. BSPT conica UNI-ISO 7 teflonata. Metrica ISO/R 262. NPT ANSI-ASME B1-20 su richiesta.	<b>Thread types</b> BSPP parallel UNI-ISO228 - ISO16030 with O-ring. BSPT taper UNI-ISO 7 with teflon. Metric ISO/R 262. NPT ANSI-ASME B1-20 on request.	<b>Gewinde</b> BSPP zylindrisch UNI-ISO228 - ISO16030 mit O-Ringen. BSPT konische UNI-ISO 7 mit Teflon. Metrische ISO/R 262. NPT ANSI-ASME B1-20 auf Anfrage.
<b>Diametri e filetti</b> Diametri da 4 mm a 14 mm - Filettature da M5 a 1/2"	<b>Threads and diameters</b> Diameters from 4 mm to 14 mm - Threads from M5 to 1/2"	<b>Durchmesser und Gewinde</b> Durchmesser von 4 mm bis 14 mm - Gewinde von M5 bis 1/2"
<b>Caratteristiche principali</b> 1. Tenuta al vuoto - 2. Montaggio istantaneo - 3. Gamma modulare - 4. Ingombri ottimizzati	<b>Main features</b> 1. Vacuum - 2. Instant connection - 3. Modular assembly 4. Optimized dimensions	<b>Haupteigenschaften</b> 1. Vakuumdichtigkeit - 2. Sofortige Installation - 3. Baukasten 4. Optimierte Abmessungen
<b>Note</b> Fornibili anche con O-ring in VITON®.	<b>Note</b> Available also with VITON® O-Ring.	<b>Note</b> Zur Verfügung auch mit VITON® O-Ringe.



### RT 51K

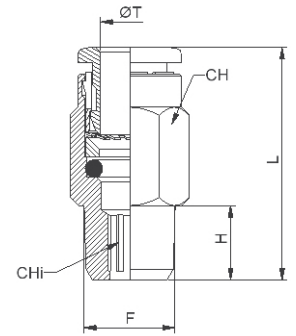


#### Diritto maschio conico BSPT

Male straight taper BSPT

Gerade Einschraubverschraubung Teflon, konisches Gewinde

Codice/Code	ØT	F"	H	L	CH	CHi	
RT51K1804	4	R1/8	8	19.5	10	2.5	10
RT51K1404	4	R1/4	11	21.5	14	2.5	10
RT51K1806	6	R1/8	8	24.8	11	4	10
RT51K1406	6	R1/4	11	23.8	14	4	10
RT51K1808	8	R1/8	8	28	13	5	10
RT51K1408	8	R1/4	11	24	14	6	10
RT51K3808	8	R3/8	11.5	24.5	17	6	10
RT51K1410	10	R1/4	11	28.9	16	7	10
RT51K3810	10	R3/8	11.5	29.4	17	8	10
RT51K1210	10	R1/2	14	29.4	22	8	10
RT51K1412	12	R1/4	11	35.5	19	7	10
RT51K3812	12	R3/8	11.5	32	19	10	10
RT51K1212	12	R1/2	14	31.3	22	10	10
RT51K3814	14	R3/8	11.5	37.5	21	10	10
RT51K1214	14	R1/2	14	35	22	10	10



### RT 51

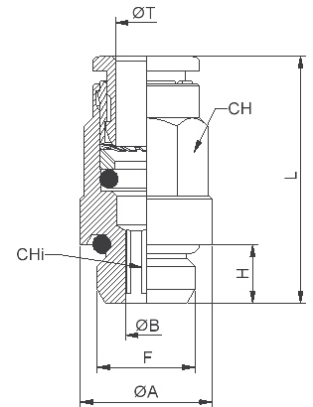


#### Diritto maschio cilindrico BSPP-metrico

Male straight parallel BSPP-metric

Gerade Einschraubverschraubung, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	ØB	H	L	CH	CHi	
RT51M504	4	M5	8	2.6	4	20.5	9	2.5	10
RT511804	4	G1/8	13.5	2.6	5.5	19.5	9	2.5	10
RT511404	4	G1/4	17	2.6	6.5	19.5	9	2.5	10
RT511806	6	G1/8	13.5	4.2	5.5	24.8	11	4	10
RT511406	6	G1/4	17	4.2	6.5	22.8	11	4	10
RT511808	8	G1/8	12.8	5.2	5.5	26.5	13	5	10
RT511408	8	G1/4	17	6.2	6.5	24	13	6	10
RT513808	8	G3/8	20	6.2	7.5	24	13	6	10
RT511208	8	G1/2	24	6.2	9	22.5	13	6	10
RT511810	10	G1/8	13	5.2	5.5	28.9	16	5	10
RT511410	10	G1/4	16	7.3	6.5	28.9	16	7	10
RT513810	10	G3/8	21	8.3	7.5	29.4	16	8	10
RT511210	10	G1/2	24	8.3	9	28.9	16	8	10
RT511412	12	G1/4	16	7.3	6.5	31.9	19	7	10
RT513812	12	G3/8	22	10.3	7.5	31.9	19	10	10
RT511212	12	G1/2	24	10.3	9	31.2	19	10	10
RT513814	14	G3/8	21	10.3	7.5	34.1	21	10	10
RT511214	14	G1/2	25	12.3	9	33.6	21	12	10



### RT 51T

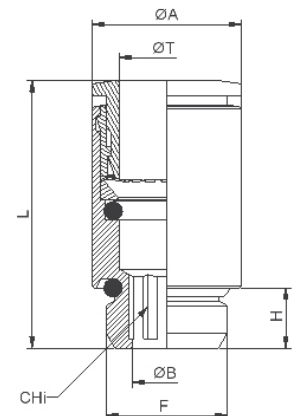


#### Diritto tondo cilindrico BSPP-metrico

Round male straight-metric

Runde Einschraubverschraubung, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	ØB	H	L	CHi	
RT51TM504	4	M5	9	2.6	4	20.5	2.5	10
RT51TM604	4	M6	9	2.6	5	21.5	2.5	10
RT51TM506	6	M5	11	2.6	4	23.8	2.5	10



## Raccordi ad innesto rapido in ottone

Brass push-in fittings

Steckverschraubungen Messing

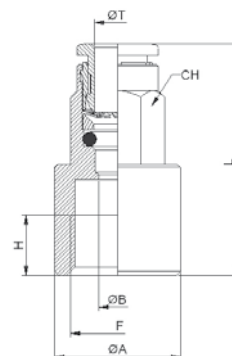
### RT 52



#### Diritto femmina cilindrico BSPP-metrico

Female straight parallel BSPP-metric  
Manometerverschraubung zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	ØB	H	L	CH	
<b>RT52M504</b>	4	M5	9	3	4.5	23	9	10
<b>RT521804</b>	4	G1/8	12	3	6.5	26.5	9	10
<b>RT521404</b>	4	G1/4	17	3	10	29.5	9	10
<b>RT521806</b>	6	G1/8	12	5	6.5	28.3	11	10
<b>RT521406</b>	6	G1/4	17	5	10	31.3	11	10
<b>RT521808</b>	8	G1/8	12	7	6.5	28.5	13	10
<b>RT521408</b>	8	G1/4	17	7	10	32.5	13	10



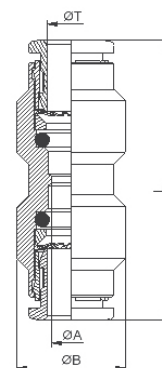
### RT 53



#### Diritto intermedio

Straight intermediate  
Gerader Verbinder

Codice/Code	ØT	ØA	ØB	L				
<b>RT530004</b>	4	3	11	32				10
<b>RT530006</b>	6	5	13	36.1				10
<b>RT530008</b>	8	7	15	38				10
<b>RT530010</b>	10	9	18	42.3				10
<b>RT530012</b>	12	11	21	45.8				10
<b>RT530014</b>	14	13	23	48.9				10



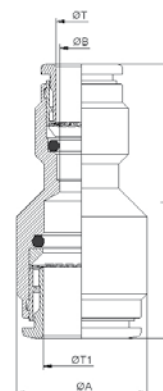
### RT 53



#### Diritto intermedio ridotto

Straight reducer  
Reduzierung Gerader Verbinder

Codice/Code	ØT1	ØT	ØA	ØB	L			
<b>RT530604</b>	6	4	13	3	34.8			10
<b>RT530806</b>	8	6	15	5	37.8			10
<b>RT531008</b>	10	8	18	7	40.9			10

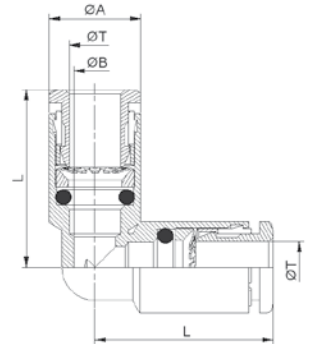


## RT 54



**L intermedio**  
L intermediale  
Winkelverbinder

Codice/Code	ØT	ØA	ØB	L				
RT540004	4	9	3	17.3				10
RT540006	6	11	5	20.6				10
RT540008	8	13	7	23				10
RT540010	10	16	8	26.4				10
RT540012	12	19	10	28.9				10
RT540014	14	21	12	31.5				10

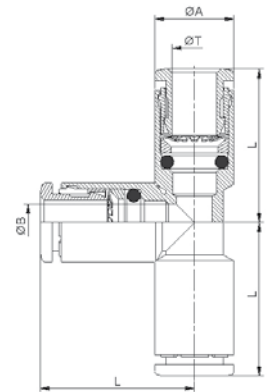


## RT 55



**T intermedio**  
T intermediale  
T-Verbinder

Codice/Code	ØT	ØA	ØB	L				
RT550004	4	9	3	17.3				10
RT550006	6	11	5	20.6				10
RT550008	8	13	7	23				10
RT550010	10	16	8	26.4				10
RT550012	12	19	10	28.9				10
RT550014	14	21	12	31.5				10



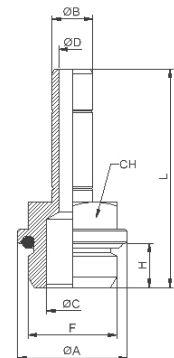
## RT 56



**Adattatore cilindrico BSPP-metrico**

Male adaptor parallel BSPP-metric  
Gewindeanschlussverbinder Außengewinde, zylindrisches Gewinde

Codice/Code	ØB	F"	ØA	ØC	ØD	H	L	CH	
RT56M504	4	M5	8	2	2	4	24.2	8	10
RT56M704	4	M7	11	3.5	2	5.5	26.2	9	10
RT561804	4	G1/8	13	6	2	5.5	27.7	13	10
RT561404	4	G1/4	16	7.5	2	6.5	30.7	13	10
RT56M506	6	M5	8	2.6	2.6	4	27.5	8	10
RT56M706	6	M7	11	3.5	3.5	5.5	29	9	10
RT561806	6	G1/8	13	6	4	5.5	31	13	10
RT561406	6	G1/4	16	7.5	4	6.5	33.5	13	10
RT561808	8	G1/8	13	6	6	5.5	32.5	13	10
RT561408	8	G1/4	16	7.5	6	6.5	35	13	10
RT563808	8	G3/8	20	9	6	7.5	37	13	10
RT561810	10	G1/8	13	6	6	5.5	35.5	13	10
RT561410	10	G1/4	16	7.5	8	6.5	38	13	10
RT563810	10	G3/8	20	9	8	7.5	41	13	10
RT561210	10	G1/2	24	13	8	9	41	16	10
RT561412	12	G1/4	16	8	8	6.5	39	13	10
RT563812	12	G3/8	20	11	10	7.5	42	13	10
RT561212	12	G1/2	24	13	10	9	44	16	10
RT563814	14	G3/8	20	11	12	7.5	44.5	16	10
RT561214	14	G1/2	24	13	12	9	46.5	16	10





## Raccordi ad innesto rapido in ottone

Brass push-in fittings

Steckverschraubungen Messing

### RT 56F

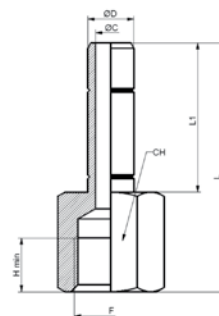


#### Adattatore cilindrico BSPP femmina

Female adaptor parallel BSPP

Verbinder zylindrisches Gewinde BSPP

Codice/Code	F"	H	L	CH	ØC	ØD			
<b>RT56F1804</b>	G1/8	7	29.7	12	2	4			10
<b>RT56F1406</b>	G1/4	8	35.5	17	4	6			10
<b>RT56F1408</b>	G1/4	8	37	17	6	8			10



### RT 56L

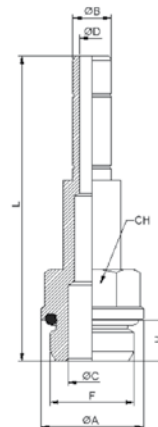


#### Adattatore cilindrico BSPP lungo

Male adaptor parallel BSPP long

Lange Verbinder zylindrisches Gewinde BSPP

Codice/Code	F"	ØA	ØB	H	L	CH	ØC	ØD	
<b>RT56L1804</b>	G1/8	13	4	6	39.7	13	6	2	10
<b>RT56L1806</b>	G1/8	13	6	6	45	13	6	4	10
<b>RT56L1406</b>	G1/4	16	6	8	47.5	13	7.5	4	10
<b>RT56L1808</b>	G1/8	13	8	6	48.5	13	6	6	10
<b>RT56L1408</b>	G1/4	16	8	8	51	13	7.5	6	10
<b>RT56L1410</b>	G1/4	16	10	8	55.5	13	7.5	8	10



### RT 57

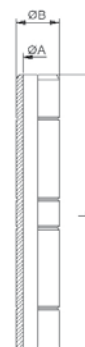


#### Prolunga

Straight plug-in

Doppelstecker

Codice/Code	ØB	ØA	L				
<b>RT570004</b>	4	2	33.4				10
<b>RT570006</b>	6	4	39				10
<b>RT570008</b>	8	6	42				10
<b>RT570010</b>	10	8	48				10
<b>RT570012</b>	12	10	50				10
<b>RT570014</b>	14	12	55				10



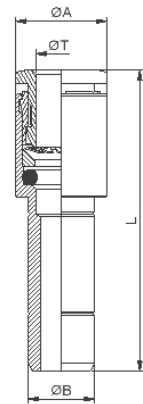
## RT 58



### Adattatore riduzione-maggiorazione

Reducer-increase plug-in  
Reduzier-Stecker

Codice/Code	ØB	ØT	ØA	L					
RT580604	6	4	9	32.5					10
RT580804	8	4	9	34					10
RT580806	8	6	11	36.3					10
RT581006	10	6	11	39.3					10
RT581008	10	8	13	39					10
RT581204	12	4	13	40					10
RT581206	12	6	13	40.3					10
RT581208	12	8	13	39.5					10
RT581210	12	10	16	41.4					10
RT581404	14	4	15	43.5					10
RT581406	14	6	15	43.8					10
RT581408	14	8	15	44					10
RT581410	14	10	16	43.9					10
RT581412	14	12	19	45.9					10
RT5810406	4	6	11	35.5					10
RT5810608	6	8	13	39					10



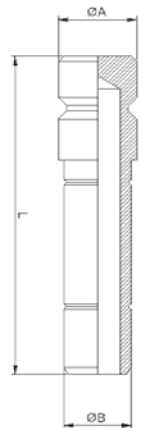
## RT 59



### Tappo maschio

Male plug-in  
Verschluss-Stecker

Codice/Code	ØB	ØA	L						
RT590004	4	5	26						10
RT590006	6	7	29						10
RT590008	8	9	31.5						10
RT590010	10	11	35						10
RT590012	12	13	37						10
RT590014	14	15	39.5						10



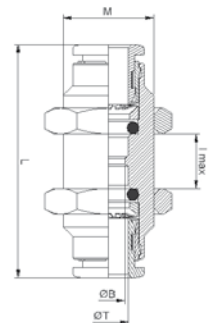
## RT 60



### Passalamiera

Union bulkhead  
Schottverschraubung

Codice/Code	ØT	M	ØB	L	L max				
RT600004	4	M11	3	32	8				10
RT600006	6	M14	5	36.1	8				10
RT600008	8	M16	7	38	10				10
RT600010	10	M18	9	42.3	12				10
RT600012	12	M22	11	45.8	17				10
RT600014	14	M24	13	47.5	18				10



## Raccordi ad innesto rapido in ottone

Brass push-in fittings

Steckverschraubungen Messing

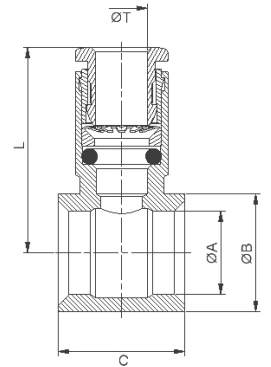
### RT 63



#### Banjo singolo

Banjo (single)  
Ringstück 1-Fach

Codice/Code	ØT	ØA	ØB	C	L		
RT63M504	4	M5	8	9	19.5		10
RT631804	4	G1/8	14	15	21.1		10
RT631806	6	G1/8	14	15	24.3		10
RT631406	6	G1/4	18	17	25.5		10
RT631808	8	G1/8	14	15	24.8		10
RT631408	8	G1/4	18	17	26.5		10
RT633808	8	G3/8	21	20	28		10
RT631410	10	G1/4	18	17	28.4		10
RT633810	10	G3/8	21	20	29.9		10
RT631412	12	G1/4	18	17	27.5		10
RT633812	12	G3/8	21	20	31.4		10
RT631212	12	G1/2	26	24	34.9		10
RT631214	14	G1/2	26	24	35.5		10



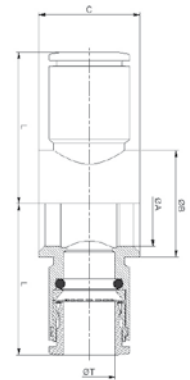
### RT 64



#### Banjo doppio

Banjo (double)  
Ringstück 2-Fach

Codice/Code	ØT	ØA	ØB	C	L		
RT64M504	4	M5	8	9	19.5		10
RT641804	4	G1/8	14	15	21.1		10
RT641806	6	G1/8	14	15	24.3		10
RT641406	6	G1/4	18	17	25.5		10
RT641808	8	G1/8	14	15	24.8		10
RT641408	8	G1/4	18	17	26.5		10
RT643808	8	G3/8	21	20	28		10
RT641410	10	G1/4	18	17	28.4		10
RT643810	10	G3/8	21	20	29.9		10



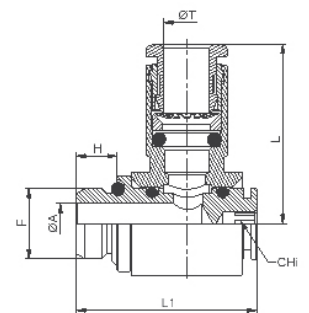
### RT 65



#### Banjo singolo girevole cilindrico BSPP-metrico

Rotating single banjo parallel BSPP-metric  
Winkelverschraubung Drehbar, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	H	L	L1	CHi	
RT65M504	4	M5	2	4	19.5	16.8	2	10
RT651804	4	G1/8	5.5	5.5	21.1	24.5	3	10
RT651806	6	G1/8	5.5	5.5	24.3	24.5	3	10
RT651406	6	G1/4	7.8	6.5	25.5	27.8	4	10
RT651808	8	G1/8	5.5	5.5	24.8	24.5	3	10
RT651408	8	G1/4	7.8	6.5	26.5	27.8	4	10
RT653808	8	G3/8	10	7.5	28	32.5	5	10
RT651410	10	G1/4	7.8	6.5	28.4	27.8	4	10
RT653810	10	G3/8	10	7.5	29.9	32.5	5	10
RT653812	12	G3/8	10	7.5	31.4	32.5	5	10
RT651212	12	G1/2	12	9	34.9	38.8	8	10
RT651214	14	G1/2	12	9	35.5	38.8	8	10



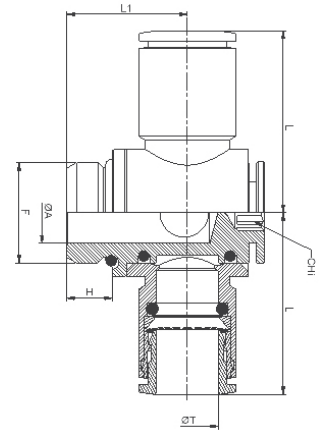
### RT 66



#### Banjo doppio girevole cilindrico BSPP-metrico

Rotating double banjo parallel BSPP-metric  
T-Einschraubverschraubung Drehbar, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	H	L	L1	Chi	
RT66M504	4	M5	2	4	19.5	16.8	2	10
RT661804	4	G1/8	5.5	5.5	21.1	24.5	3	10
RT661806	6	G1/8	5.5	5.5	24.3	24.5	3	10
RT661406	6	G1/4	7.8	6.5	25.5	27.8	4	10
RT661808	8	G1/8	5.5	5.5	24.8	24.5	3	10
RT661408	8	G1/4	7.8	6.5	26.5	27.8	4	10
RT663808	8	G3/8	10	7.5	28	32.5	5	10
RT661410	10	G1/4	7.8	6.5	28.4	27.8	4	10
RT663810	10	G3/8	10	7.5	29.9	32.5	5	10



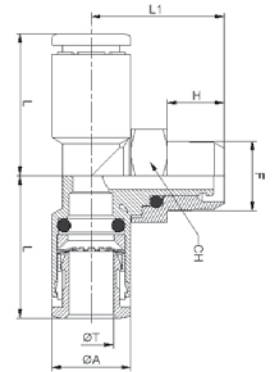
### RT 70K



#### T maschio al centro girevole conico BSPT

Lateral T male (rotating body) taper BSPT  
T-Einschraubverschraubung, konisches Gewinde, mit Teflon

Codice/Code	ØT	F"	ØA	H	L	L1	CH	
RT70K1804	4	R1/8	11	8	17.3	18.6	13	10
RT70K1806	6	R1/8	11	8	19.8	18.6	13	10
RT70K1406	6	R1/4	11	11	22.1	23.5	14	10
RT70K1808	8	R1/8	13	8	23	20.5	13	10
RT70K1408	8	R1/4	13	11	23	23.5	14	10
RT70K3808	8	R3/8	13	11.5	24.5	26.5	17	10
RT70K1410	10	R1/4	16	11	26.4	25.5	14	10
RT70K3810	10	R3/8	16	11.5	26.4	26.5	17	10
RT70K1210	10	R1/2	16	14	27.9	31.9	22	10
RT70K1412	12	R1/4	19	11	31.9	24.5	14	10
RT70K3812	12	R3/8	19	11.5	28.9	27	17	10
RT70K1212	12	R1/2	19	14	28.9	33.9	22	10



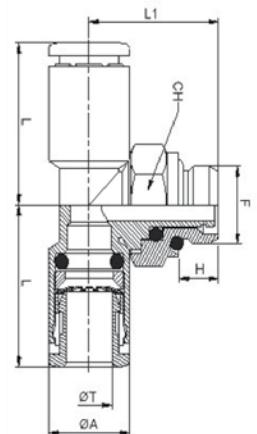
### RT 70



#### T maschio al centro girevole cilindrico BSPP-metrico

Central T male (rotating body) parallel BSPP-metric  
T-Verschraubung, Drehbar, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	L	L1	CH	H	
RT70M504	4	M5	9	17.3	20	8	4	10
RT701804	4	G1/8	11	17.3	18.5	13	5.5	10
RT70M506	6	M5	11	20	20.6	8	4	10
RT701806	6	G1/8	11	20.6	18.5	13	5.5	10
RT701406	6	G1/4	11	22.1	22.5	16	6.5	10
RT701808	8	G1/8	13	23	20.5	13	5.5	10
RT701408	8	G1/4	13	23	22.5	16	6.5	10
RT703808	8	G3/8	13	24.5	25.5	18	7.5	10
RT701410	10	G1/4	16	26.4	24.5	16	6.5	10
RT703810	10	G3/8	16	26.4	25.5	18	7.5	10
RT701210	10	G1/2	16	27.9	29	21	9	10
RT701412	12	G1/4	19	28.9	24.5	19	6.5	10
RT703812	12	G3/8	19	28.9	24.5	18	7.5	10
RT701212	12	G1/2	19	28.9	31	21	9	10
RT703814	14	G3/8	21	31.5	28	18	7.5	10



**RT**

# Raccordi ad innesto rapido in ottone

Brass push-in fittings

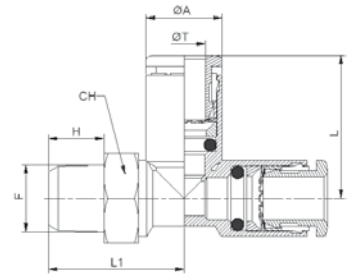
Steckverschraubungen Messing

**RT 71K****T maschio laterale girevole conico BSPT**

Lateral T male (rotating body) taper BSPT

L Verschraubung, Drehbar, konisches Gewinde

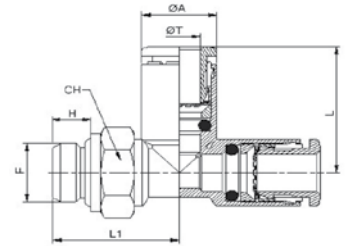
Codice/Code	ØT	F"	ØA	L	L1	CH	H	■
RT71K1804	4	R1/8	11	17.7	18.6	13	8	10
RT71K1806	6	R1/8	11	19.8	18.6	13	8	10
RT71K1406	6	R1/4	11	22.1	23.5	14	11	10
RT71K1808	8	R1/8	13	23	20.5	13	8	10
RT71K1408	8	R1/4	13	23	23.5	14	11	10
RT71K3808	8	R3/8	13	24.5	26.5	17	11.5	10
RT71K1410	10	R1/4	16	26.4	25.5	14	11	10
RT71K3810	10	R3/8	16	26.4	26.5	17	11.5	10
RT71K3812	12	R3/8	19	28.9	27	17	11.5	10
RT71K1212	12	R1/2	19	28.9	33.9	22	14	10

**RT 71****T maschio laterale girevole cilindrico BSPP-metrico**

Lateral t male (rotating body) parallel BSPP-metric

L Verschraubung, Drehbar, zylindrisches Gewinde

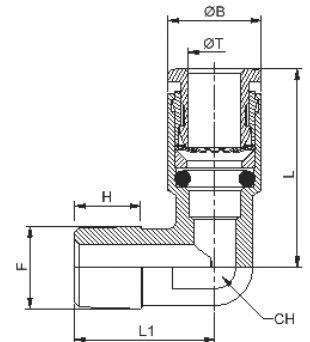
Codice/Code	ØT	F"	ØA	L	L1	CH	H	■
RT71M504	4	M5	9	17.3	20	8	4	10
RT711804	4	G1/8	11	17.3	18.5	13	5.5	10
RT711806	6	G1/8	11	20.6	18.5	13	5.5	10
RT711406	6	G1/4	11	22.3	22.5	16	6.5	10
RT711808	8	G1/8	13	23	20.5	13	5.5	10
RT711408	8	G1/4	13	23	22.5	16	6.5	10
RT713808	8	G3/8	13	24.5	25.5	18	7.5	10
RT711410	10	G1/4	16	26.4	24.5	16	6.5	10
RT713810	10	G3/8	16	26.4	25.5	18	7.5	10
RT711412	12	G1/4	19	28.9	24.5	16	6.5	10
RT713812	12	G3/8	19	28.9	24.5	18	7.5	10

**RT 69K****Gomito fisso maschio conico BSPT**

Elbow male (not rotating body) taper BSPT

Winkelverschraubung, Drehbar, Konisches Gewinde

Codice/Code	ØT	F"	ØB	L	L1	CH	H	■
RT69K1804	4	R1/8	9.5	18.6	16.5	10	8	10
RT69K1806	6	R1/8	11	23.8	16.5	10	8	10
RT69K1406	6	R1/4	11	25	22.5	11	12.5	10
RT69K1808	8	R1/8	13	25.5	18.5	11	9	10
RT69K1408	8	R1/4	13	25.5	22	11	12	10
RT69K1410	10	R1/4	16	28.4	24	13	12.5	10



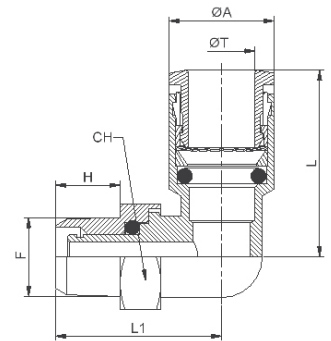
## RT 72K



### Gomito maschio girevole conico BSPT

Elbow male (rotating body) taper BSPT  
Winkelverschraubung, Drehbar, konisches Gewinde

Codice/Code	ØT	F"	ØA	H	L	L1	CH	
RT72K1804	4	R1/8	11	8	17.7	18.6	13	10
RT72K1404	4	R1/4	13	11	19	23.5	14	10
RT72K1806	6	R1/8	11	8	19.8	18.6	13	10
RT72K1406	6	R1/4	11	11	22.1	23.5	14	10
RT72K1808	8	R1/8	13	8	23	20.5	13	10
RT72K1408	8	R1/4	13	11	23	23.5	14	10
RT72K3808	8	R3/8	13	11.5	24.5	26.5	17	10
RT72K1410	10	R1/4	16	11	26.4	25.5	14	10
RT72K3810	10	R3/8	16	11.5	26.4	26.5	17	10
RT72K1210	10	R1/2	16	14	27.9	31.1	22	10
RT72K1412	12	R1/4	19	11	28.9	26.5	14	10
RT72K3812	12	R3/8	19	11.5	28.9	28.1	17	10
RT72K1212	12	R1/2	19	14	28.9	31.1	22	10
RT72K3814	14	R3/8	21	11.5	31.5	30.3	17	10
RT72K1214	14	R1/2	21	14	31.5	31.1	22	10



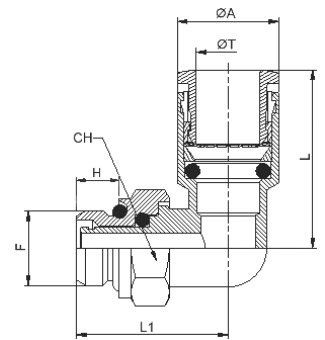
## RT 72



### Gomito maschio girevole cilindrico BSPP-metrico

Elbow male (rotating body) parallel BSPP-metric  
Winkelverschraubung, Drehbar, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	L	L1	CH	H	
RT72M504	4	M5	9	17.3	20	8	4	10
RT721804	4	G1/8	11	17.3	18.5	13	5.5	10
RT721404	4	G1/4	13	19	22.5	16	6.5	10
RT72M506	6	M5	11	20	20.6	8	4	10
RT721806	6	G1/8	11	20.6	18.5	13	5.5	10
RT721406	6	G1/4	11	22.1	22.5	16	6.5	10
RT721808	8	G1/8	13	23	20.5	13	5.5	10
RT721408	8	G1/4	13	23	22.5	16	6.5	10
RT723808	8	G3/8	13	24.5	25.5	18	7.5	10
RT721410	10	G1/4	16	26.4	24.5	16	6.5	10
RT723810	10	G3/8	16	26.4	25.5	18	7.5	10
RT721210	10	G1/2	16	27.9	29	21	9	10
RT721412	12	G1/4	19	28.9	24.5	16	6.5	10
RT723812	12	G3/8	19	28.9	24.5	18	7.5	10
RT721212	12	G1/2	19	28.9	31	21	9	10
RT723814	14	G3/8	21	31.5	28	18	7.5	10
RT721214	14	G1/2	21	31.5	33	21	9	10





## Raccordi ad innesto rapido in ottone

Brass push-in fittings

Steckverschraubungen Messing

### RT 73

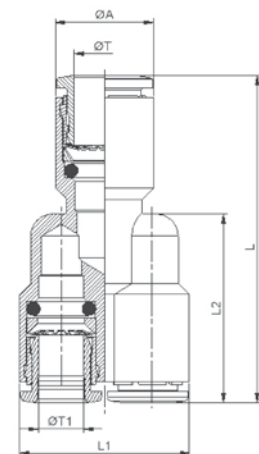


#### Y innestabile

Y Connector

Y Verteiler

Codice/Code	ØT	ØT1	ØA	L	L1	L2	
<b>RT730006</b>	6	6	11.4	43.1	23.1	25.8	10
<b>RT730008</b>	8	8	13.45	46.5	27.1	29	10
<b>RT730010</b>	10	10	16.4	51.8	33.1	32.4	10
<b>RT731008</b>	10	8	16.4	48.9	27.1	29	10



### RT 75

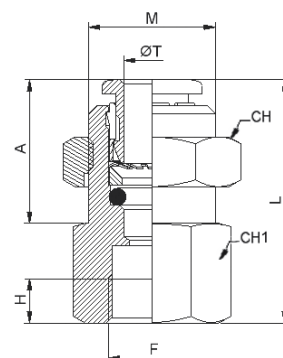


#### Femmina passalamiera cilindrico BSPP

Straight female bulkhead parallel BSPP

Schottverschraubung Innengewinde

Codice/Code	ØT	F"	M	A	H	L	CH1	CH	
<b>RT751804</b>	4	G1/8	M10	15.5	6.5	25.5	15	13	10
<b>RT751806</b>	6	G1/8	M14	15.8	6.5	26.8	15	17	10
<b>RT751406</b>	6	G1/4	M14	15.8	10	31.3	17	17	10
<b>RT751808</b>	8	G1/8	M16	16	6.5	29	17	19	10
<b>RT751408</b>	8	G1/4	M16	16	10	33.5	17	19	10



### RT 77

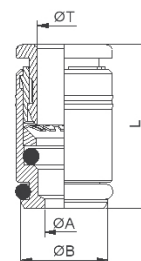


#### Cartuccia in ottone

Brass cartridge

Einpresspatrone

Codice/Code	ØT	ØA	ØB	L				
<b>RT770004</b>	4	2.9	7.8	14				10
<b>RT770006</b>	6	4.5	10	16				10
<b>RT770008</b>	8	6.5	12.3	17				10



## RT 83

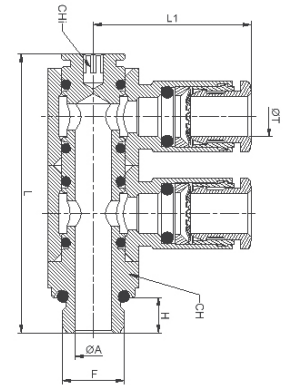


### Doppio L girevole cilindrico BSPP

Double elbow (rotating body) parallel BSPP

Winkeleinschraubverschraubung 2-Fach, Drehbar, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	H	L	L1	CH	CHi	
<b>RT831804</b>	4	G1/8	5.5	5.5	43.3	21.1	14	3	10
<b>RT831806</b>	6	G1/8	5.5	5.5	43.3	24.3	14	3	10
<b>RT831406</b>	6	G1/4	6.5	6.5	50	25.5	18	4	10
<b>RT831808</b>	8	G1/8	5.5	5.5	43.3	24.8	14	3	10
<b>RT831408</b>	8	G1/4	6.5	6.5	50	26.5	18	4	10
<b>RT831410</b>	10	G1/4	6.5	6.5	50	28.4	18	4	10



## RT 84

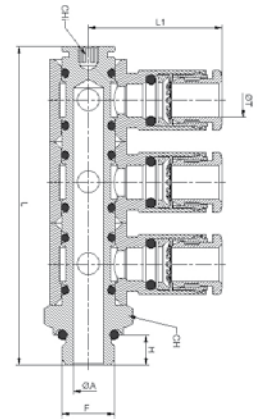


### Triplo L girevole cilindrico BSPP

Triple elbow (rotating body) parallel BSPP

Winkeleinschraubverschraubung 3-Fach, Drehbar, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	H	L	L1	CH	CHi	
<b>RT841804</b>	4	G1/8	5.5	5.5	59	21.1	14	3	10
<b>RT841806</b>	6	G1/8	5.5	5.5	59	24.3	14	3	10
<b>RT841808</b>	8	G1/8	5.5	5.5	59	24.8	14	3	10



### Su richiesta fornibili raccordi con anellini colorati

On demand we can supply fittings with different colours

Zur Verfügung mit Spannring in verschiedene Farben

## Raccordi ad innesto rapido in ottone alimentare NSF

Brass food push-in fittings NSF

Steckverschraubungen Messing für Lebensmittelindustrie NSF

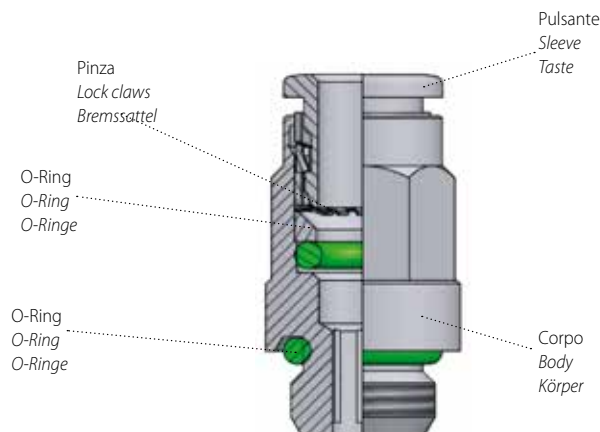
ARTICOLI FORNIBILI SU RICHIESTA ARTICLES SUPPLIABLE ON DEMAND ARTIKELN ZUR VERFUGUNG ALS GEFRAGT

### Dati tecnici dei raccordi rapidi alimentari

Food push-in fittings technical data

Technischen Daten der Steckverschraubungen Messing für Lebensmittelindustrie NSF

<b>Fluido</b> Aria compressa, acqua ed altri fluidi compatibili con i materiali costituenti i raccordi	<b>Fluid</b> Compressed air, water and other fluids compatibles with fittings materials	<b>Fluid</b> Druckluft, Wasser und anderen Flüssigkeiten kompatibel mit dem Material, das die Armaturen
<b>Pressione di esercizio</b> Tube: Ø4 – Ø10 mm Pressure (with working temperature 20°C): 16 Bar Tube: Ø12 – Ø14 mm Pressure (with working temperature 20°C): 12 Bar	<b>Working pressure</b> Tube: Ø4 – Ø10 mm Pressure (with working temperature 20°C): 16 Bar Tube: Ø12 – Ø14 mm Pressure (with working temperature 20°C): 12 Bar	<b>Druck</b> Schlauch: Ø4 – Ø10 mm Druck (mit einer Betriebstemperatur von 20 ° C): 16 Bar Schlauch: Ø12 – Ø14 mm Druck (mit einer Betriebstemperatur von 20 ° C): 12 Bar
<b>Temperatura di utilizzo</b> -20°C / +150°C	<b>Temperature range</b> -4°F / + 302°F	<b>Einsatztemperatur</b> -20°C / + 150°C
<b>Tubi consigliati</b> 1) PTFE - 2) Poliuretano alimentare - 3) Polietilene alimentare	<b>Recommended tubes</b> 1) PTFE - 2) Food Polyuretane - 3) Food Polyethylene	<b>Rohrempfehlungen</b> 1) PTFE - 2) Polyurethan-Lebensmittel-3) Polyethylen-Lebensmittel
<b>Tolleranze</b> ± 0.10 mm	<b>Tolerances</b> ± 0.10 mm	<b>Toleranzen</b> ± 0.10 mm
<b>Materiali</b> Corpo: Ottone CW614 N / CW617 N nichelatura alimentare NSF Pinza: Acciaio AISI 301 Pulsante: Ottone CW614 N nichelatura alimentare NSF O-Ring: FKM (VITON®) conforme FDA	<b>Materials</b> Body: NSF food nickel plated brass CW614 N / CW617 N Lock claws: AISI 301 Steel Sleeve: NSF food nickel plated brass CW614 N O-Ring: FKM (VITON®) conforming FDA	<b>Werkstoffen</b> Körper: vernickelt NSF Messing CW614N/CW617N Bremssattel: Edelstahl AISI 301 Taste: vernickelt NSF Messing CW614 N O-Ringe: FKM (VITON®) gemäß FDA
<b>Filettatura</b> BSPP cilindrica UNI-ISO228 - ISO16030 con O-Ring. BSPT conica UNI-ISO 7. Metrica ISO/R 262. NPT ANSI-ASME B1-20 su richiesta.	<b>Thread types</b> BSPP parallel UNI-ISO228 - ISO16030 with O-ring. BSPT taper UNI-ISO 7 Metric ISO/R 262. NPT ANSI-ASME B1-20 on request.	<b>Gewinde</b> BSPP cilindrisch UNI-ISO228 - ISO16030 mit O-Ringen. BSPT konische UNI-ISO 7. Metrische ISO/R 262. NPT ANSI-ASME B1-20 auf Anfrage.
<b>Diametri e filetti</b> Diametri da 4 mm a 14 mm - Filettature da M5 a 1/2"	<b>Threads and diameters</b> Diameters from 4 mm to 14 mm - Threads from M5 to 1/2"	<b>Durchmesser und Gewinde</b> Durchmesser von 4 mm bis 14 mm - Gewinde von M5 bis 1/2"
<b>Caratteristiche principali</b> 1. Utilizzo in ambienti alimentari - 2. Tenuta al vuoto 3. Montaggio istantaneo - 4. Gamma modulare 5. Ingombri ottimizzati	<b>Main features</b> 1. Used in alimentary environments - 2. Vacuum 3. Instant connection - 4. Modular assembly 5. Optimized dimensions	<b>Haupteigenschaften</b> 1. Verwendung in Lebensmitteln - 2. Vakuumdichtigkeit 3. Sofortige Installation - 4. Baukasten 5. Optimierte Abmessungen
<b>Note</b> Disponibili altri articoli su richiesta.	<b>Note</b> Other article available on demand.	<b>Note</b> Andere Artikel zur Verfügung auf Anfrage.



# DICHIARAZIONE DI CONFORMITÀ

(Conformity decaration - Konformitätserklärung)

Si dichiara che

## **RACCORDI IN OTTONE NICHELATO ALIMENTARE (SERIE RA)**

SONO CONFORMI A

**Normativa NSF/ANSI 51**

We declare that

## **FOOD NICHEL PLATED FITTINGS (RA Serie)**

ARE COMPLIED WITH

**NSF/ANSI 51**

Wir erklären hiermit

## **Steckverschraubungen für Lebensmittel Industrie NSF (RA Serie)**

anpassen zu

**NSF/ANSI 51**

## Raccordi ad innesto rapido in ottone alimentare NSF

Brass food push-in fittings NSF

Steckverschraubungen Messing für Lebensmittelindustrie NSF

ARTICOLI FORNIBILI SU RICHIESTA ARTICLES SUPPLIABLE ON DEMAND ARTIKELN ZUR VERFUGUNG ALS GEFRAGT

### RA 51K

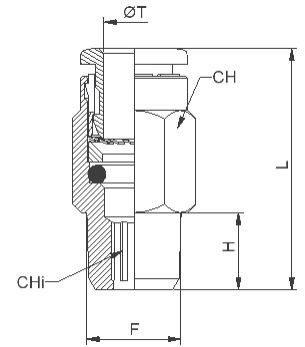


#### Diritto maschio conico BSPT

Male straight taper BSPT

Gerade Einschraubverschraubung, konisches Gewinde

Codice/Code	Ø T	F"	H	L	CH	CHi			
RA51K1804	4	R1/8	8	19.5	10	2.5			
RA51K1404	4	R1/4	11	21.5	14	2.5			
RA51K1806	6	R1/8	8	24.8	11	4			
RA51K1406	6	R1/4	11	23.8	14	4			
RA51K1808	8	R1/8	8	28	13	5			
RA51K1408	8	R1/4	11	24	14	6			
RA51K3808	8	R3/8	11.5	24.5	17	6			
RA51K1410	10	R1/4	11	28.9	16	7			
RA51K3810	10	R3/8	11.5	29.4	17	8			
RA51K1412	12	R1/4	11	35.5	19	7			
RA51K3812	12	R3/8	11.5	32	19	10			
RA51K1212	12	R1/2	14	31.3	22	10			



### RA 51

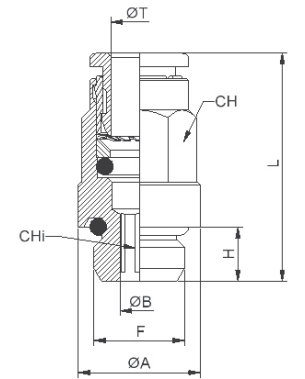


#### Diritto maschio cilindrico BSPP-metrico

Male straight parallel BSPP-metric

Gerade Einschraubverschraubung, zylindrisches Gewinde

Codice/Code	Ø T	F"	Ø A	Ø B	H	L	CH	CHi	
RA51TM504	4	M5	9	2.6	4	20.5	-	2.5	
RA51TM604	4	M6	9	2.6	5	21.5	-	2.5	
RA511804	4	G1/8	13.5	2.6	5.5	19.5	9	2.5	
RA511404	4	G1/4	17	2.6	6.5	19.5	9	2.5	
RA51TM506	6	M5	11	2.6	4	23.8	-	2.5	
RA511806	6	G1/8	13.5	4.2	5.5	24.8	11	4	
RA511406	6	G1/4	17	4.2	6.5	22.8	11	4	
RA511808	8	G1/8	12.8	5.2	5.5	26.5	13	5	
RA511408	8	G1/4	17	6.2	6.5	24	13	6	
RA513808	8	G3/8	20	6.2	7.5	24	13	6	
RA511410	10	G1/4	16	7.3	6.5	28.9	16	7	
RA513810	10	G3/8	21	8.3	7.5	29.4	16	8	
RA511210	10	G1/2	24	8.3	9	28.9	16	8	
RA511412	12	G1/4	16	7.3	6.5	31.9	19	7	
RA513812	12	G3/8	22	10.3	7.5	31.9	19	10	
RA511212	12	G1/2	24	10.3	9	31.2	19	10	



### RA 52

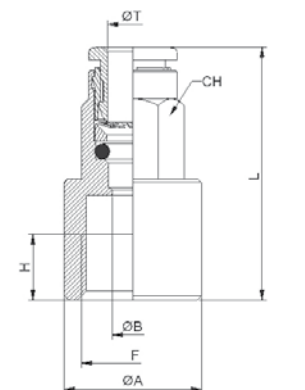


#### Diritto femmina cilindrico BSPP

Female straight parallel BSPP

Manometerschraubung zylindrisches Gewinde

Codice/Code	Ø T	F"	Ø A	Ø B	H	L	CH		
RA521804	4	G1/8	12	3	6.5	26.5	9		
RA521404	4	G1/4	17	3	10	29.5	9		
RA521806	6	G1/8	12	5	6.5	28.3	11		
RA521406	6	G1/4	17	5	10	31.3	11		
RA521808	8	G1/8	12	7	6.5	28.5	13		
RA521408	8	G1/4	17	7	10	32.5	13		



### RA 53

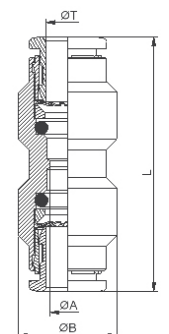


#### Diritto intermedio

Straight intermediate

Gerader Verbinder

Codice/Code	Ø T	Ø A	Ø B	L			
RA530004	4	3	11	32			
RA530006	6	5	13	36.1			
RA530008	8	7	15	38			
RA530010	10	9	18	42.3			
RA530012	12	11	21	45.8			

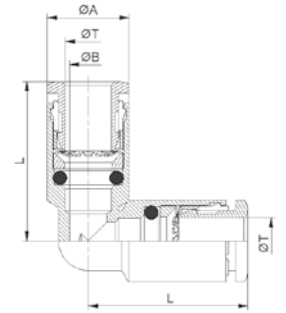


### RA 54



**L intermedio**  
L intermediae  
Winkelverbinder

Codice/Code	Ø T	Ø A	Ø B	L
RA540004	4	9	3	17.3
RA540006	6	11	5	20.6
RA540008	8	13	7	23
RA540010	10	16	8	26.4
RA540012	12	19	10	28.9

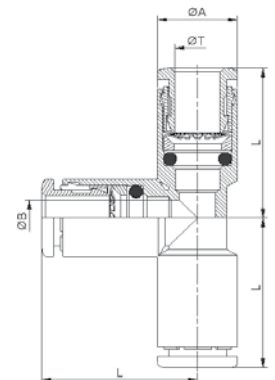


### RA 55



**T intermedio**  
T intermediae  
T Verbinder

Codice/Code	Ø T	Ø A	Ø B	L
RA550004	4	9	3	17.3
RA550006	6	11	5	20.6
RA550008	8	13	7	23
RA550010	10	16	8	26.4
RA550012	12	19	10	28.9

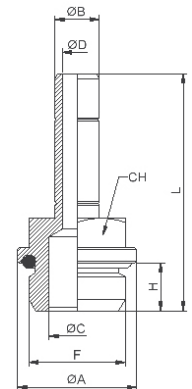


### RA 56



**Adattatore cilindrico BSPP-metrico**  
Male adaptor parallel BSPP-metric  
Gewindeanschluss-Stecker, zylindrisches Gewinde

Codice/Code	Ø B	F"	Ø A	Ø C	Ø D	H	L	CH
RA56M504	4	M5	8	2	2	4	24.2	8
RA561804	4	G1/8	13	6	2	5.5	27.7	13
RA561404	4	G1/4	16	7.5	2	6.5	30.7	13
RA561806	6	G1/8	13	6	4	5.5	31	13
RA561406	6	G1/4	16	7.5	4	6.5	33.5	13
RA561808	8	G1/8	13	6	6	5.5	32.5	13
RA561408	8	G1/4	16	7.5	6	6.5	35	13
RA563808	8	G3/8	20	9	6	7.5	37	13
RA561410	10	G1/4	16	7.5	8	6.5	38	13
RA563810	10	G3/8	20	9	8	7.5	41	13
RA561412	12	G1/4	16	8	8	6.5	39	13
RA563812	12	G3/8	20	11	10	7.5	42	13
RA561212	12	G1/2	24	13	10	9	44	16

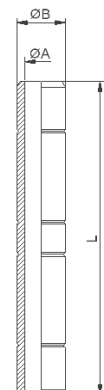


### RA 57



**Prolunga**  
Straight plug-in  
Doppelstecker

Codice/Code	Ø B	Ø A	L
RA570004	4	2	33.4
RA570006	6	4	39
RA570008	8	6	42
RA570010	10	8	48
RA570012	12	10	50





**RA**

## Raccordi ad innesto rapido in ottone alimentare NSF

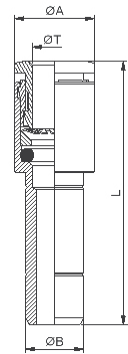
Brass food push-in fittings NSF

Steckverschraubungen Messing für Lebensmittelindustrie NSF

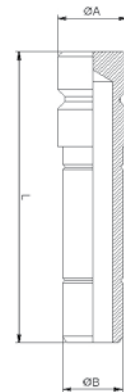
ARTICOLI FORNIBILI SU RICHIESTA ARTICLES SUPPLIABLE ON DEMAND ARTIKELN ZUR VERFUGUNG ALS GEFRAGT

**RA 58****Adattatore riduzione-maggiorazione**Reducer-increase plug-in  
Reduzier Stecker

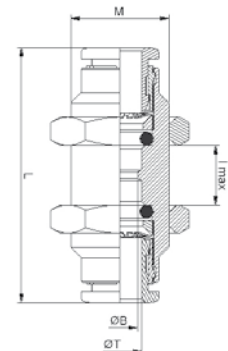
Codice/Code	ØB	ØT	ØA	L			
<b>RA580604</b>	6	4	9	32.5			
<b>RA580806</b>	8	6	11	36.3			
<b>RA581008</b>	10	8	13	39			
<b>RA581210</b>	12	10	16	41.4			

**RA 59****Tappo maschio**Male plug-in  
Verschluss Stecker

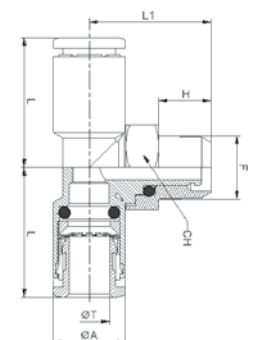
Codice/Code	ØB	ØA	L				
<b>RA590004</b>	4	5	26				
<b>RA590006</b>	6	7	29				
<b>RA590008</b>	8	9	31.5				
<b>RA590010</b>	10	11	35				
<b>RA590012</b>	12	13	37				

**RA 60****Passalamiera**Union bulkhead  
Schottverschraubung

Codice/Code	ØT	M	ØB	L	lmax		
<b>RA600004</b>	4	M11	3	32	8		
<b>RA600006</b>	6	M14	5	36.1	8		
<b>RA600008</b>	8	M16	7	38	10		
<b>RA600010</b>	10	M18	9	42.3	12		
<b>RA600012</b>	12	M22	11	45.8	17		

**RA 70K****T al centro girevole conico BSPT**Central T male (rotating body) taper BSPT  
T-Schwenkverschraubung Drehbar konisches Gewinde

Codice/Code	ØT	F"	ØA	H	L	L1	CH
<b>RA70K1804</b>	4	R1/8	11	8	17.3	18.6	13
<b>RA70K1806</b>	6	R1/8	11	8	19.8	18.6	13
<b>RA70K1406</b>	6	R1/4	11	11	22.1	23.5	14
<b>RA70K1808</b>	8	R1/8	13	8	23	20.5	13
<b>RA70K1408</b>	8	R1/4	13	11	23	23.5	14
<b>RA70K3808</b>	8	R3/8	13	11.5	24.5	26.5	17
<b>RA70K1410</b>	10	R1/4	16	11	26.4	25.5	14
<b>RA70K3810</b>	10	R3/8	16	11.5	26.4	26.5	17
<b>RA70K1412</b>	12	R1/4	19	11	31.9	24.5	14
<b>RA70K3812</b>	12	R3/8	19	11.5	28.9	27	17
<b>RA70K1212</b>	12	R1/2	19	14	28.9	33.9	22



ARTICOLI FORNIBILI SU RICHIESTA ARTICLES SUPPLIABLE ON DEMAND ARTIKELN ZUR VERFUGUNG ALS GEFRAGT

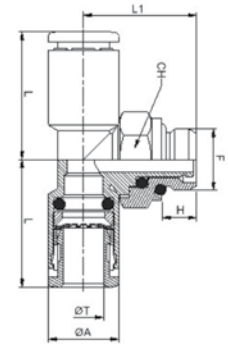
### RA 70



#### T al centro girevole cilindrico BSPP - metrico

Central T male (rotating body) parallel BSPP - metric  
T-Schwenkverschraubung Drehbar, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	L	L1	CH	H
RA70M504	4	M5	9	17,3	20	8	4
RA701804	4	G1/8	11	17,3	18,5	13	5,5
RA701806	6	G1/8	11	20,6	18,5	13	5,5
RA701406	6	G1/4	11	22,1	22,5	16	6,5
RA701808	8	G1/8	13	23	20,5	13	5,5
RA701408	8	G1/4	13	23	22,5	16	6,5
RA703808	8	G3/8	13	24,5	25,5	18	7,5
RA701410	10	G1/4	16	26,4	24,5	16	6,5
RA703810	10	G3/8	16	26,4	25,5	18	7,5
RA701412	12	G1/4	19	28,9	24,5	19	6,5
RA703812	12	G3/8	19	28,9	24,5	18	7,5
RA701212	12	G1/2	19	28,9	31	21	9



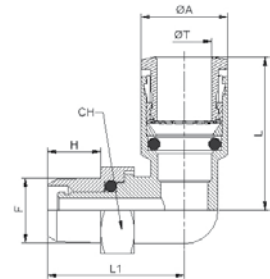
### RA 72K



#### Gomito maschio girevole conico BSPT

Elbow male (rotating body) taper BSPT  
Winkelverschraubung Drehbar, konisches Gewinde

Codice/Code	ØT	F"	ØA	H	L	L1	CH
RA72K1804	4	R1/8	11	8	17,7	18,6	13
RA72K1404	4	R1/4	13	11	19	23,5	14
RA72K1806	6	R1/8	11	8	19,8	18,6	13
RA72K1406	6	R1/4	11	11	22,1	23,5	14
RA72K1808	8	R1/8	13	8	23	20,5	13
RA72K1408	8	R1/4	13	11	23	23,5	14
RA72K1410	10	R1/4	16	11	26,4	25,5	14
RA72K3810	10	R3/8	16	11,5	26,4	26,5	17
RA72K3812	12	R3/8	19	11,5	28,9	28,1	17
RA72K1212	12	R1/2	19	14	28,9	31,1	22



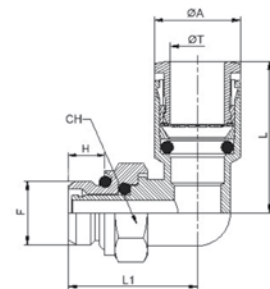
### RA 72



#### Gomito maschio girevole cilindrico BSPP-metrico

Elbow male (rotating body) parallel BSPP-metric  
Winkelverschraubung Drehbar, zylindrisches Gewinde

Codice/Code	ØT	F"	ØA	L	L1	CH	H
RA72M504	4	M5	9	17,3	20	8	4
RA72M604	4	M6	9	17,3	21,5	9	5
RA721804	4	G1/8	11	17,3	18,5	13	5,5
RA721404	4	G1/4	13	19	22,5	16	6,5
RA72M506	6	M5	11	20	20,6	8	4
RA721806	6	G1/8	11	20,6	18,5	13	5,5
RA721406	6	G1/4	11	22,1	22,5	16	6,5
RA721808	8	G1/8	13	23	20,5	13	5,5
RA721408	8	G1/4	13	23	22,5	16	6,5
RA723808	8	G3/8	13	24,5	25,5	18	7,5
RA721410	10	G1/4	16	26,4	24,5	16	6,5
RA723810	10	G3/8	16	26,4	25,5	18	7,5
RA721412	12	G1/4	19	28,9	24,5	16	6,5
RA723812	12	G3/8	19	28,9	24,5	18	7,5
RA721212	12	G1/2	19	28,9	31	21	9



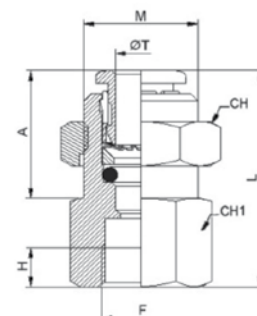
### RA 75



#### Passalamiera femmina cilindrico BSPP

Straight female bulkhead parallel BSPP  
Schottverschraubung Innengewinde-Steckanschluss

Codice/Code	ØT	F"	M	A	H	L	CH1	CH
RA751804	4	G1/8	M10	15,5	6,5	25,5	15	13
RA751806	6	G1/8	M14	15,8	6,5	26,8	15	17
RA751406	6	G1/4	M14	15,8	10	31,3	17	17
RA751808	8	G1/8	M16	16	6,5	29	17	19
RA751408	8	G1/4	M16	16	10	33,5	17	19





### RP 51K-G new

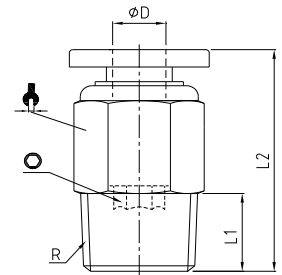


#### Diritto maschio conico BSPT

Male straight taper BSPT

Gerade Einschraubverschraubung konisches Gewinde

Codice/Code	ØD	R"	L1	L2	○	⚡	■
RP51K1804G	4	R1/8	7.5	20	3	10	10
RP51K1404G	4	R1/4	9.5	18	3	14	10
RP51K1806G	6	R1/8	7.5	20.5	4	12	10
RP51K1406G	6	R1/4	9.5	22.5	4	14	10
RP51K3806G	6	R3/8	10.5	20.5	4	17	10
RP51K1808G	8	R1/8	7.5	25.5	5	14	10
RP51K1408G	8	R1/4	9.5	24.5	5	14	10
RP51K3808G	8	R3/8	10.5	21.5	6	17	10
RP51K1208G	8	R1/2	13.5	25.5	6	21	10
RP51K1810G	10	R1/8	7.5	29.5	5	17	10
RP51K1410G	10	R1/4	9.5	31	6	17	10
RP51K3810G	10	R3/8	10.5	28.5	8	17	10
RP51K1210G	10	R1/2	13.5	26.5	8	21	10
RP51K1812G	12	R1/8	7.5	30	5	21	10
RP51K1412G	12	R1/4	9.5	30	6	21	10
RP51K3812G	12	R3/8	10.5	29	8	21	10
RP51K1212G	12	R1/2	13.5	32.5	8	21	10
RP51K3814G	14	R3/8	10.5	34	8	22	10
RP51K1214G	14	R1/2	13.5	33	10	22	10
RP51K3815G	15	R3/8	10.5	37	8	24	10
RP51K1215G	15	R1/2	13.5	35	10	24	10
RP51K3816G	16	R3/8	10.5	37.5	8	24	10
RP51K1216G	16	R1/2	13.5	39.5	10	24	10



### RP 51TK-G new

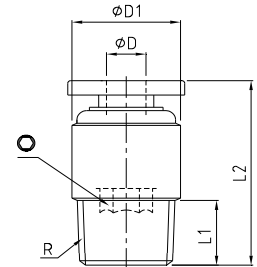


#### Diritto tondo maschio conico BSPT

Round male straight taper BSPT

Rund Gerade Einschraubverschraubung, konisches Gewinde

Codice/Code	ØD	R"	L1	L2	ØD1	○	■
RP51TK1804G	4	R1/8	7.5	20	10	3	10
RP51TK1806G	6	R1/8	7.5	20.5	12	4	10
RP51TK1406G	6	R1/4	9.5	22.5	14	4	10
RP51TK1808G	8	R1/8	7.5	25.5	14	5	10
RP51TK1408G	8	R1/4	9.5	24.5	14	5	10
RP51TK3810G	10	R3/8	10.5	28.5	17	8	10
RP51TK3812G	12	R3/8	10.5	30	21	8	10



### RP 51-G new

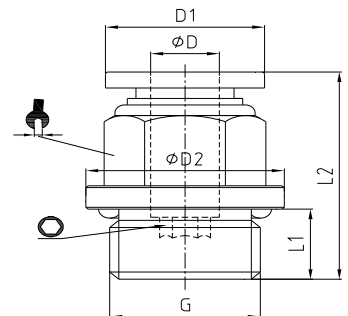


#### Diritto maschio cilindrico BSPP-metrico

Male straight parallel BSPP-metric

Gerade Einschraubverschraubung zylindrisches Gewinde

Codice/Code	ØD	G"	D1	ØD2	L1	L2	○	⚡	■
RP51M504G	4	M5	10	8	3.5	20.3	2	10	10
RP51M604G	4	M6	10	9	4	20.8	2	10	10
RP511804G	4	G1/8	12	14	5.5	19.5	3	10	10
RP511404G	4	G1/4	12	17	7.5	18.6	3	10	10
RP51M506G	6	M5	12	8	3.5	21	2	12	10
RP51M606G	6	M6	12	9	4	21	2	12	10
RP511806G	6	G1/8	14	14	5.5	22	4	12	10
RP511406G	6	G1/4	14	17	7.5	22.5	4	12	10
RP513806G	6	G3/8	14	20	7.5	20.3	4	12	10
RP511808G	8	G1/8	16	14	5.5	25	4	14	10
RP511408G	8	G1/4	16	17	7.5	24	5	14	10
RP513808G	8	G3/8	16	20	7.5	20.5	6	14	10
RP511208G	8	G1/2	16	24	10	24	6	14	10
RP511810G	10	G1/8	19.5	14	5.5	29	4	17	10
RP511410G	10	G1/4	19.5	17	7.5	30.5	6	17	10
RP513810G	10	G3/8	19.5	20	7.5	27	8	17	10
RP511210G	10	G1/2	19.5	24	10	30	8	17	10
RP511412G	12	G1/4	23	17	7.5	33	6	21	10
RP513812G	12	G3/8	23	20	7.5	28	8	21	10
RP511212G	12	G1/2	23	24	10	30.5	8	21	10
RP513814G	14	G3/8	23	22	7.5	32.5	8	22	10
RP511214G	14	G1/2	23	24	10	30	10	24	10
RP511215G	15	G1/2	27	24	10	31.5	10	24	10
RP513816G	16	G3/8	27	20	7.5	35	8	24	10
RP511216G	16	G1/2	27	24	10	37	10	24	10



**RP-G**

## Raccordi ad innesto rapido in polimero (grigio)

Plastic push-in fittings (grey)

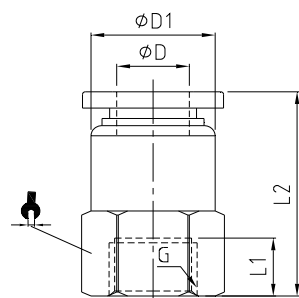
Steckverschraubungen Kunststoff (grau)

**RP 52-G**

new

**Femmina diritto**Female straight  
Manometerschraubung

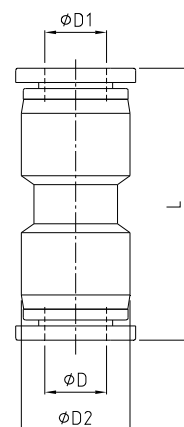
Codice/Code	ØD	G"	L1	L2	ØD1	h			
RP521804G	4	G1/8	8.5	24	10	14			10
RP52M506G	6	M5	5.5	21.5	12	12			10
RP521806G	6	G1/8	8.5	24.5	12	14			10
RP521406G	6	G1/4	11	27	12	17			10
RP521808G	8	G1/8	8.5	26	14	14			10
RP521408G	8	G1/4	11	28.5	14	17			10
RP523808G	8	G3/8	12	29.5	14	21			10
RP521410G	10	G1/4	11	32.7	17	17			10
RP523810G	10	G3/8	12	33	17	21			10
RP521210G	10	G1/2	14	35.7	17	24			10
RP521212G	12	G1/2	14	36.5	20	24			10

**RP 53-G**

new

**Diritto intermedio**Straight intermediate  
Gerader Verbinder

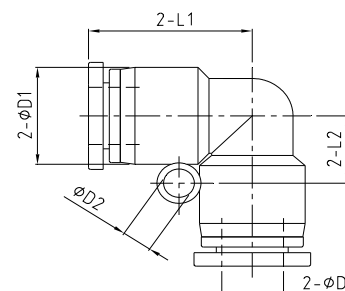
Codice/Code	ØD	ØD1	ØD2	L					
RP530004G	4	4	11.5	34					10
RP530006G	6	6	13.5	35.5					10
RP530008G	8	8	15	38.5					10
RP530010G	10	10	19	48					10
RP530012G	12	12	21.5	49					10
RP530014G	14	14	23.5	50					10
RP530015G	15	15	26.5	66					10
RP530016G	16	16	26.5	66					10
RP530604G	6	4	13.5	35.5					10
RP530804G	8	4	15	38.5					10
RP530806G	8	6	15	38.5					10
RP531006G	10	6	19	46					10
RP531008G	10	8	19	47					10
RP531208G	12	8	21.5	48					10
RP531210G	12	10	21.5	49					10

**RP 54-G**

new

**L intermedio**L intermediate  
Winkelverbinder

Codice/Code	ØD	ØD1	ØD2	L1	L2				
RP540004G	4	11.5	3.2	19	7				10
RP540006G	6	13.5	3.2	19.2	8				10
RP540008G	8	15	3.2	22.5	10				10
RP540010G	10	19	4.2	27.8	12				10
RP540012G	12	21.5	4.2	29.5	13.5				10
RP540014G	14	23.5		30.5					10
RP540015G	15	26.5		33					10
RP540016G	16	26.5		33					10



### RP 55-G

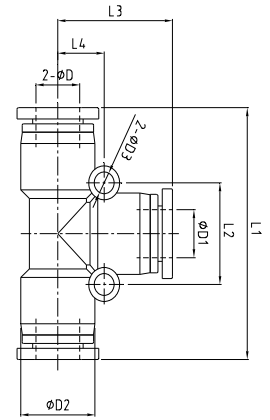
new



#### T intermedio

T intermediate  
T-Verbinder

Codice/Code	ØD	ØD1	ØD2	ØD3	L1	L2	L3	L4	■
RP550004G	4	4	11.5	3.2	38	14	19	7	10
RP550006G	6	6	13.5	3.2	39	16	19.2	8	10
RP550008G	8	8	15	3.2	45	18	22.5	9	10
RP550010G	10	10	19	4.2	57	24	27.8	12	10
RP550012G	12	12	21.5	4.3	59	27	29.5	13.5	10
RP550014G	14	14	23.5		54		30		10
RP550015G	15	15	26.5		66		33		10
RP550016G	16	16	26.5		66		33		10
RP550604G	6	4	13.5	3.2	39	16	19.2	8	10
RP550804G	8	4	15	3.2	45	18	22.5	9	10
RP550806G	8	6	15	3.2	45	18	22.5	9	10
RP551006G	10	6	19	4.2	57	24	26.3	12	10
RP551008G	10	8	19	4.2	57	24	26.8	12	10
RP551208G	12	8	21.5	4.3	59	27	28.5	13.5	10
RP551210G	12	10	21.5	4.3	59	27	29.5	13.5	10



### RP 58-G

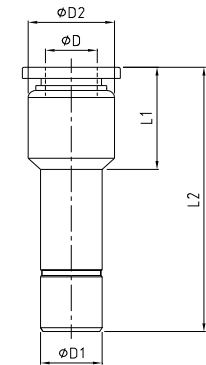
new



#### Adattatore riduzione-maggiorazione

Reducer-increaser plug-in  
Reduzier Stecker

Codice/Code	ØD	ØD1	ØD2	L1	L2	■
RP580604G	4	6	10	16	35	10
RP580804G	4	8	10	13	34	10
RP580806G	6	8	12	15.5	36	10
RP581006G	6	10	12	16.8	41	10
RP581008G	8	10	14	17.5	42	10
RP581208G	8	12	14	17.5	42.5	10
RP581210G	10	12	17	21	46	10



### RP 60-G

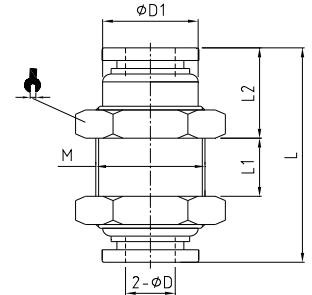
new



#### Passalamiera

Union bulkhead  
Schottverschraubung

Codice/Code	ØD	ØD1	M	L	L1	L2	⚙️	■
RP600004G	4	10	M12X1	30.5	9.5	10	14	10
RP600006G	6	12	M14X1	31	7.5	10.6	17	10
RP600008G	8	14	M16X1	34.5	6.5	12	19	10
RP600010G	10	17	M20X1	41.5	11.5	12	24	10
RP600012G	12	20	M22X1	44.5	12.5	13.5	26	10



### RP 61-G

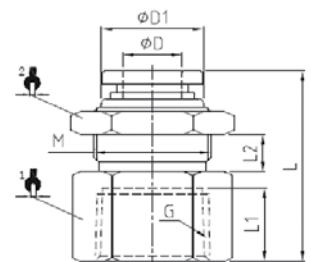
new



#### Passalamiera femmina

Female union bulkhead  
Schottverschraubung Innengewinde

Codice/Code	ØD	G"	L	L1	L2	ØD1	⚙️1	⚙️2	M	■
RP611804G	4	G1/8	23.5	8.5	5	10	14	14	M12X1	10
RP611806G	6	G1/8	24.8	8.5	7	12	17	17	M14X1	10
RP611406G	6	G1/4	29.5	11	7	12	17	17	M14X1	10
RP611408G	8	G1/4	32	11	9	14	19	19	M16X1	10
RP613810G	10	G3/8	34	12	9	17	24	24	M20X1	10
RP611212G	12	G1/2	37	14	9	20	24	26	M22X1	10





**RP-G**

# Raccordi ad innesto rapido in polimero (grigio)

Plastic push-in fittings (grey)

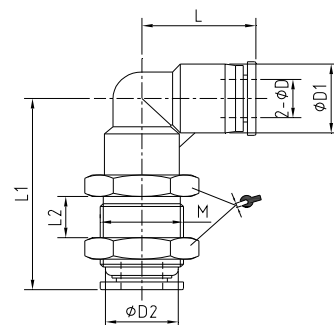
Steckverschraubungen Kunststoff (grau)

**RP 62-G**

new

**Passalamiera gomito**Elbow union bulkhead  
Winkel Schottverschraubung

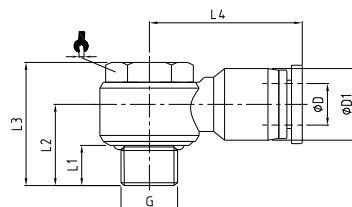
Codice/Code	ØD	ØD1	ØD2	L	L1	L2	M		
RP620004G	4	11.5	10	19	31	6	M12X1	14	10
RP620006G	6	13.5	12	19.2	34.5	7	M14X1	17	10
RP620008G	8	15	14	22.5	41	7.5	M16X1	19	10
RP620010G	10	19	17	28.5	47	9.5	M20X1	24	10

**RP 65-G**

new

**Gomito maschio cilindrico BSPP-metrico**Elbow male parallel BSPP-metric  
Winkelverschraubung Drehbar zylindrisches Gewinde

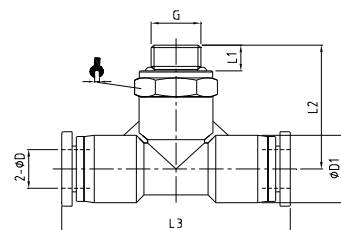
Codice/Code	ØD	G"	L1	L2	L3	L4	ØD1		
RP65M504G	4	M5	3.5	10.7	17.3	20.5	11.5	8	10
RP651804G	4	G1/8	5.5	14.5	23	23.5	11.5	12	10
RP65M506G	6	M5	3.5	11.7	17.3	22	13.5	8	10
RP651806G	6	G1/8	5.5	14.5	23	23.5	13.5	12	10
RP651406G	6	G1/4	7.5	16.7	26.3	25.4	13.5	14	10
RP651808G	8	G1/8	5.5	15.2	23	26.5	15	12	10
RP651408G	8	G1/4	7.5	18	26.3	28.9	15	14	10
RP651410G	10	G1/4	7.5	20	26.3	32.6	19	14	10

**RP 70-G**

new

**T al centro maschio girevole cilindrico BSPP-metrico**Central T male (rotating body) parallel BSPP-metric  
T-Einschraubverschraubung Drehbar zylindrisches Gewinde

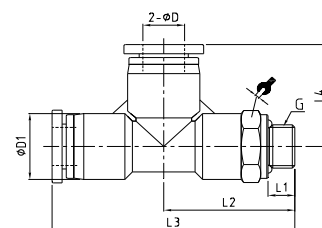
Codice/Code	ØD	G"	L1	L2	L3	ØD1		
RP70M504G	4	M5	3.5	21.3	38	11.5	10	10
RP701804G	4	G1/8	5.5	24.3	38	11.5	14	10
RP70M506G	6	M5	3.5	21.7	39	13.5	12	10
RP701806G	6	G1/8	5.5	24.2	39	13.5	14	10
RP701406G	6	G1/4	7.5	26.7	39	13.5	17	10
RP701808G	8	G1/8	5.5	27	45	15	14	10
RP701408G	8	G1/4	7.5	29.5	45	15	17	10
RP701410G	10	G1/4	7.5	34.8	57	19	17	10
RP703810G	10	G3/8	7.5	34.8	57	19	20	10
RP701412G	12	G1/4	7.5	36	59	21.5	21	10
RP703812G	12	G3/8	7.5	36	59	21.5	21	10

**RP 71-G**

new

**T laterale maschio girevole cilindrico BSPP-metrico**Lateral T male (rotating body) parallel BSPP-metric  
T-Verschraubung Drehbar, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4	ØD1		
RP711804G	4	G1/8	5.5	24.3	43.3	19	11.5	14	10
RP711806G	6	G1/8	5.5	24.2	43.4	19.2	13.5	14	10
RP711406G	6	G1/4	7.5	26.7	46	19.2	13.5	17	10
RP711808G	8	G1/8	5.5	27	49.5	22.5	15	14	10
RP711408G	8	G1/4	7.5	29.5	52	22.5	15	17	10
RP711410G	10	G1/4	7.5	35	63.5	27.8	19	17	10
RP713810G	10	G3/8	7.5	35	63.5	27.8	19	20	10
RP711212G	12	G1/2	10	39	68.5	29.5	21.5	24	10



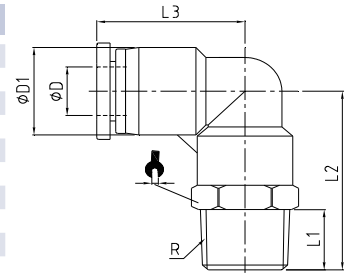
### RP 72K-G new



#### Gomito maschio girevole conico BSPT

Elbow male (rotating body) taper BSPT  
Winkelverschraubung Drehbar, konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3	ØD1	⚡	■
RP72K1804G	4	R1/8	7.5	20.5	19	11.5	10	10
RP72K1404G	4	R1/4	9.5	20	19	11.5	14	10
RP72K1806G	6	R1/8	7.5	21.5	19.2	13.5	10	10
RP72K1406G	6	R1/4	9.5	21	19.2	13.5	14	10
RP72K3806G	6	R3/8	10.5	22	19.2	13.5	17	10
RP72K1808G	8	R1/8	7.5	22.2	22.5	15	12	10
RP72K1408G	8	R1/4	9.5	21.7	22.5	15	14	10
RP72K3808G	8	R3/8	10.5	22.7	22.5	15	17	10
RP72K1208G	8	R1/2	13.5	26.2	22.5	15	21	10
RP72K1810G	10	R1/8	7.5	26.9	27.8	19	14	10
RP72K1410G	10	R1/4	9.5	28.4	27.8	19	14	10
RP72K3810G	10	R3/8	10.5	24.7	27.8	19	17	10
RP72K1210G	10	R1/2	13.5	28.2	27.8	19	21	10
RP72K1412G	12	R1/4	9.5	29.7	29.5	21.5	15	10
RP72K3812G	12	R3/8	10.5	26	29.5	21.5	17	10
RP72K1212G	12	R1/2	13.5	29.5	29.5	21.5	21	10
RP72K3814G	14	R3/8	10.5	40.5	30.5	23.5	22	10
RP72K1214G	14	R1/2	10	42.5	30.5	23.5	22	10
RP72K1215G	15	R1/2	13.5	43.5	33	26.5	24	10
RP72K3816G	16	R3/8	10.5	44	33	26.5	24	10
RP72K1216G	16	R1/2	13.5	47	33	26.5	24	10



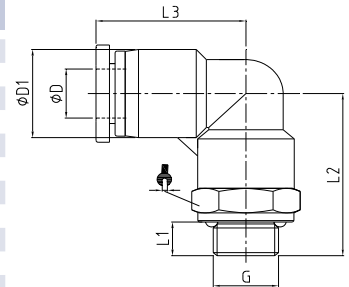
### RP 72-G new



#### Gomito maschio girevole cilindrico BSPP-metrico

Elbow male (rotating body) parallel BSPP-metric  
Winkelverschraubung Drehbar, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	ØD1	⚡	■
RP72M504G	4	M5	3.5	20	19	11.5	10	10
RP72M604G	4	M6	4	20.5	19	11.5	10	10
RP721804G	4	G1/8	5.5	22	19	11.5	14	10
RP721404G	4	G1/4	7.5	19.5	19	11.5	17	10
RP723804G	4	G3/8	7.5	20	19	11.5	20	10
RP72M506G	6	M5	3.5	21	19.2	13.5	10	10
RP72M606G	6	M6	4	21.5	19.2	13.5	10	10
RP721806G	6	G1/8	5.5	23	19.2	13.5	14	10
RP721406G	6	G1/4	7.5	20.5	19.2	13.5	17	10
RP723806G	6	G3/8	7.5	21	19.2	13.5	20	10
RP721808G	8	G1/8	5.5	23.7	22.5	15	14	10
RP721408G	8	G1/4	7.5	21.2	22.5	15	17	10
RP723808G	8	G3/8	7.5	21.7	22.5	15	20	10
RP721208G	8	G1/2	10	24.2	22.5	15	24	10
RP721810G	10	G1/8	5.5	26	27.8	19	14	10
RP721410G	10	G1/4	7.5	28	27.8	19	17	10
RP723810G	10	G3/8	7.5	23.7	27.8	19	20	10
RP721210G	10	G1/2	10	26.2	27.8	19	24	10
RP721412G	12	G1/4	7.5	29.2	29.5	21.5	17	10
RP723812G	12	G3/8	7.5	25	29.5	21.5	20	10
RP721212G	12	G1/2	10	27.5	29.5	21.5	24	10
RP723814G	14	G3/8	7.5	39	30.5	23.5	22	10
RP721214G	14	G1/2	10	42.5	30.5	23.5	24	10
RP721215G	15	G1/2	10	44.5	33	26.5	24	10
RP721216G	16	G1/2	10	44.5	33	26.5	24	10



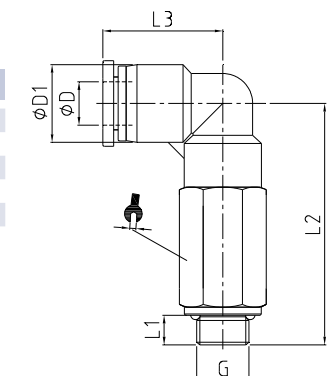
### RP 72P-G new



#### Gomito maschio girevole lungo cilindrico BSPP-metrico

Elbow male (rotating body) parallel BSPP-metric  
Winkelverschraubung Lang Drehbar zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	ØD1	⚡	■
RP72P1806G	6	G1/8	5.5	37.7	19.2	13.5	14	10
RP72P1406G	6	G1/4	7.5	40.2	19.2	13.5	17	10
RP72P1808G	8	G1/8	5.5	42.3	22.5	15	14	10
RP72P1408G	8	G1/4	7.5	44.3	22.5	15	17	10
RP72P3810G	10	G3/8	7.5	54.3	27.8	19	20	10
RP72P3812G	12	G3/8	7.5	59.5	29.5	21.5	21	10



# RP-G

## Raccordi ad innesto rapido in polimero (grigio)

Plastic push-in fittings (grey)

Steckverschraubungen Kunststoff (grau)

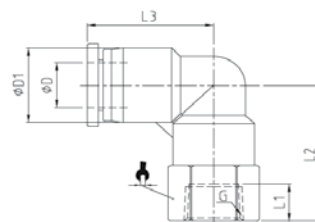
### RP 72F-G new



#### Gomito femmina girevole cilindrico BSPP-metrico

Elbow female (rotating body) parallel BSPP-metric  
Winkverschraubung Innengewinde, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	ØD1			
RP72F1804G	4	G1/8	8.5	23.3	19	11.5	14		10
RP72F1806G	6	G1/8	8.5	22.7	19.2	13.5	14		10
RP72F1406G	6	G1/4	11	25.7	19.2	13.5	17		10
RP72F1808G	8	G1/8	8.5	25	22.5	15	14		10
RP72F1408G	8	G1/4	11	28.5	22.5	15	17		10
RP72F3810G	10	G3/8	12	33.8	27.8	19	21		10
RP72F1210G	10	G1/2	14	36.8	27.8	19	24		10
RP72F1212G	12	G1/2	14	38	29.5	21.5	24		10



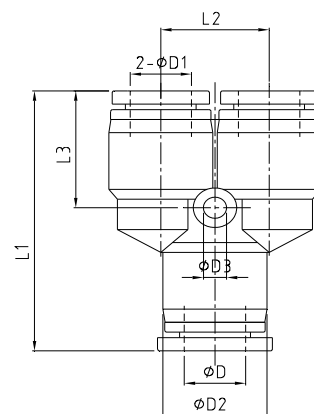
### RP 73-G new



#### Y innestabile

Y connector  
Y-Verteiler

Codice/Code	ØD	ØD1	ØD2	ØD3	L1	L2	L3		
RP730004G	4	4	11.5	3.2	36.5	11	14.5		10
RP730006G	6	6	13.5	3.2	37.5	13	15		10
RP730008G	8	8	15	3.2	39.8	15	18		10
RP730010G	10	10	19	4.2	50	18	21		10
RP730012G	12	12	21.5	4.2	53	21	21.5		10
RP730604G	6	4	13.5	3.2	37.5	13	15		10
RP730806G	8	6	15	3.2	39.8	15	18		10
RP731008G	10	8	19	4.2	50	18	21		10
RP731210G	12	10	21.5	4.2	53	21	21.5		10



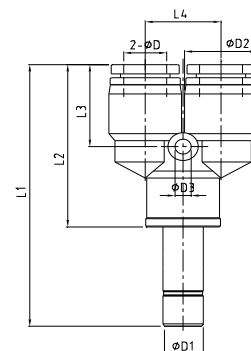
### RP 91-G new



#### Y pari con codolo

Y with plug-in  
Y-Verteiler

Codice/Code	ØD	ØD1	ØD2	ØD3	L1	L2	L3	L4	
RP910004G	4	4	11.5	3.2	52.5	33.5	14.5	11	10
RP910006G	6	6	13.5	3.2	53.8	34.8	15	13	10
RP910008G	8	8	15	3.2	57.8	37.3	18	15	10
RP910010G	10	10	19	4.2	71	46.5	21	18	10
RP910012G	12	12	21.5	4.2	75.5	49.5	21.5	21	10



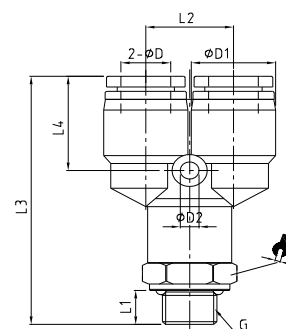
### RP 74-G new



#### Y maschio girevole cilindrico BSPP-metrico

Y male (rotating body) parallel BSPP-metric  
Y Einschraubverschraubung Drehbar, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4	ØD1	ØD2		
RP741804G	4	G1/8	5.5	11	43	14.5	11.5	3.2	14	10
RP741806G	6	G1/8	5.5	13	44	15	13.5	3.2	14	10
RP741406G	6	G1/4	7.5	13	46.5	15	13.5	3.2	17	10
RP741808G	8	G1/8	5.5	15	46.3	18	15	3.2	14	10
RP741408G	8	G1/4	7.5	15	48.8	18	15	3.2	17	10
RP741410G	10	G1/4	7.5	18	58.5	21	19	4.2	17	10
RP743810G	10	G3/8	7.5	18	58.5	21	19	4.2	20	10
RP743812G	12	G3/8	7.5	21	62	21.5	21.5	4.2	21	10



### RP 83-G

new

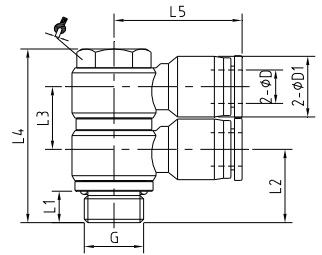


#### Doppio L maschio girevole cilindrico BSPP

Double L male (rotating body) parallel BSPP

Winkeinschraubverschraubung 2-Fach Drehbar, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4	L5	ØD1	🔧	📦
RP831804G	4	G1/8	5.5	14	15	38	23.5	11.5	12	10
RP831806G	6	G1/8	5.5	14	15	38	23.5	13.5	12	10
RP831406G	6	G1/4	7.5	17.3	15	41.5	25.4	13.5	14	10
RP831808G	8	G1/8	5.5	15	15	38	26.5	15	12	10
RP831408G	8	G1/4	7.5	18.3	15	41.5	29	15	14	10
RP831410G	10	G1/4	7.5	20	21.5	44.8	32.5	19	14	10



### RP 85-G

new

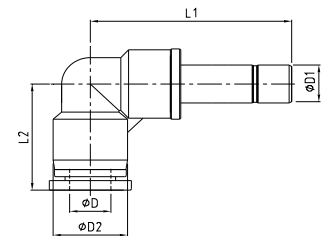


#### L intermedio con codolo

L intermediate with plug-in

Winkelanschluss

Codice/Code	ØD	ØD1	ØD2	L1	L2	📦
RP850004G	4	4	11.5	33.7	19	10
RP850006G	6	6	13.5	34	19.2	10
RP850008G	8	8	15	38.5	22.5	10
RP850010G	10	10	19	46.8	27.8	10
RP850012G	12	12	21.5	49.5	29.5	10



### RP 88-G

new

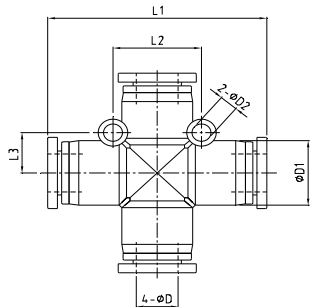


#### Croce intermedio

Cross intermediate

Kreuzverteiler

Codice/Code	ØD	ØD1	ØD2	L1	L2	L3	📦
RP880004G	4	11.5	3.2	38	14	7	10
RP880006G	6	13.5	3.2	39	16	8	10
RP880008G	8	15	3.2	45	18	9	10
RP880010G	10	19	4.2	57	24	12	10
RP880012G	12	21.5	4.3	59	27	13.5	10



### RP 89-G

new

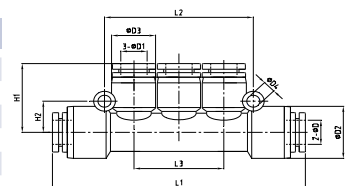


#### T multiplo

Multi T

T Mehrfachverteiler

Codice/Code	ØD	ØD1	ØD2	ØD3	ØD4	L1	L2	L3	H1	H2	📦
RP890604G	6	4	14.5	13	3.2	58	36	22	19	8	10
RP890804G	8	4	18.4	14.5	3.2	62	42	26	20.5	9	10
RP890806G	8	6	18.4	14.5	3.2	81	48	29	24.5	9	10
RP891006G	10	6	19	14.5	4.2	87	61	29	24.5	11.5	10
RP891008G	10	8	19	14.5	4.2	87	61	29	24.5	11.5	10



# RP-B

## Raccordi ad innesto rapido in polimero (anellino tondo blu)

Plastic push-in fittings (blu round sleeve colour)  
Steckverschraubungen Kunststoff (blau farbe-taste)

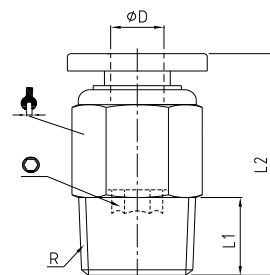
### RP 51K-B new



#### Diritto maschio conico BSPT

Male straight taper BSPT  
Gerade Einschraubverschraubung konisches Gewinde

Codice/Code	ØD	R"	L1	L2	○	⚡	■
RP51K1804B	4	R1/8	7.5	20	3	10	10
RP51K1404B	4	R1/4	9.5	18	3	14	10
RP51K1806B	6	R1/8	7.5	20.5	4	12	10
RP51K1406B	6	R1/4	9.5	22.5	4	14	10
RP51K3806B	6	R3/8	10.5	20.5	4	17	10
RP51K1808B	8	R1/8	7.5	25.5	5	14	10
RP51K1408B	8	R1/4	9.5	24.5	5	14	10
RP51K3808B	8	R3/8	10.5	21.5	6	17	10
RP51K1208B	8	R1/2	13.5	25.5	6	21	10
RP51K1810B	10	R1/8	7.5	29.5	5	17	10
RP51K1410B	10	R1/4	9.5	31	6	17	10
RP51K3810B	10	R3/8	10.5	28.5	8	17	10
RP51K1210B	10	R1/2	13.5	26.5	8	21	10
RP51K1812B	12	R1/8	7.5	30	5	21	10
RP51K1412B	12	R1/4	9.5	30	6	21	10
RP51K3812B	12	R3/8	10.5	29	8	21	10
RP51K1212B	12	R1/2	13.5	32.5	8	21	10
RP51K3814B	14	R3/8	10.5	34	8	22	10
RP51K1214B	14	R1/2	13.5	33	10	22	10
RP51K3815B	15	R3/8	10.5	37	8	24	10
RP51K1215B	15	R1/2	13.5	35	10	24	10
RP51K3816B	16	R3/8	10.5	37.5	8	24	10
RP51K1216B	16	R1/2	13.5	39.5	10	24	10



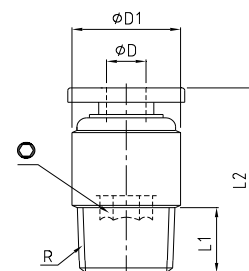
### RP 51TK-B new



#### Diritto tondo maschio conico BSPT

Round male straight taper BSPT  
Rund Gerade Einschraubverschraubung, konisches Gewinde

Codice/Code	ØD	R"	L1	L2	ØD1	○	■
RP51TK1804B	4	R1/8	7.5	20	10	3	10
RP51TK1806B	6	R1/8	7.5	20.5	12	4	10
RP51TK1406B	6	R1/4	9.5	22.5	14	4	10
RP51TK1808B	8	R1/8	7.5	25.5	14	5	10
RP51TK1408B	8	R1/4	9.5	24.5	14	5	10
RP51TK3810B	10	R3/8	10.5	28.5	17	8	10
RP51TK3812B	12	R3/8	10.5	30	21	8	10



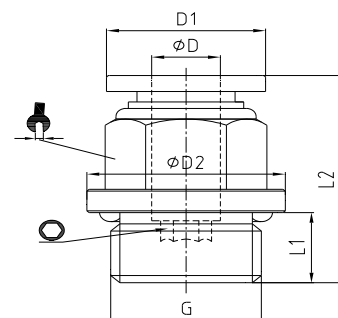
### RP 51-B new



#### Diritto maschio cilindrico BSPP-metrico

Male straight parallel BSPP-metric  
Gerade Einschraubverschraubung zylindrisches Gewinde

Codice/Code	ØD	G"	D1	ØD2	L1	L2	○	⚡	■
RP51M504B	4	M5	10	8	3.5	20.3	2	10	10
RP51M604B	4	M6	10	9	4	20.8	2	10	10
RP511804B	4	G1/8	12	14	5.5	19.5	3	10	10
RP511404B	4	G1/4	12	17	7.5	18.6	3	10	10
RP51M506B	6	M5	12	8	3.5	21	2	12	10
RP51M606B	6	M6	12	9	4	21	2	12	10
RP511806B	6	G1/8	14	14	5.5	22	4	12	10
RP511406B	6	G1/4	14	17	7.5	22.5	4	12	10
RP513806B	6	G3/8	14	20	7.5	20.3	4	12	10
RP511808B	8	G1/8	16	14	5.5	25	4	14	10
RP511408B	8	G1/4	16	17	7.5	24	5	14	10
RP513808B	8	G3/8	16	20	7.5	20.5	6	14	10
RP511208B	8	G1/2	16	24	10	24	6	14	10
RP511810B	10	G1/8	19.5	14	5.5	29	4	17	10
RP511410B	10	G1/4	19.5	17	7.5	30.5	6	17	10
RP513810B	10	G3/8	19.5	20	7.5	27	8	17	10
RP511210B	10	G1/2	19.5	24	10	30	8	17	10
RP511412B	12	G1/4	23	17	7.5	33	6	21	10
RP513812B	12	G3/8	23	20	7.5	28	8	21	10
RP511212B	12	G1/2	23	24	10	30.5	8	21	10
RP513814B	14	G3/8	23	22	7.5	32.5	8	22	10
RP511214B	14	G1/2	23	24	10	30	10	24	10
RP511215B	15	G1/2	27	24	10	31.5	10	24	10
RP513816B	16	G3/8	27	20	7.5	35	8	24	10
RP511216B	16	G1/2	27	24	10	37	10	24	10



# Raccordi ad innesto rapido in polimero (anellino tondo blu)

Plastic push-in fittings (blu round sleeve colour)  
Steckverschraubungen Kunststoff (blau farbe-taste)

**RP-B**

RP **52-B**

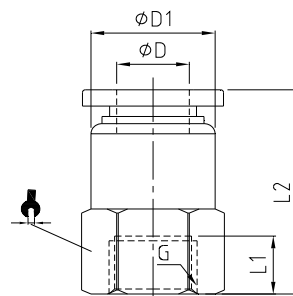
new



## Femmina dritto

Female straight  
Manometerverschraubung

Codice/Code	ØD	G"	L1	L2	ØD1	h			
RP521804B	4	G1/8	8.5	24	10	14			10
RP52M506B	6	M5	5.5	21.5	12	12			10
RP521806B	6	G1/8	8.5	24.5	12	14			10
RP521406B	6	G1/4	11	27	12	17			10
RP521808B	8	G1/8	8.5	26	14	14			10
RP521408B	8	G1/4	11	28.5	14	17			10
RP523808B	8	G3/8	12	29.5	14	21			10
RP521410B	10	G1/4	11	32.7	17	17			10
RP523810B	10	G3/8	12	33	17	21			10
RP521210B	10	G1/2	14	35.7	17	24			10
RP521212B	12	G1/2	14	36.5	20	24			10



RP **53-B**

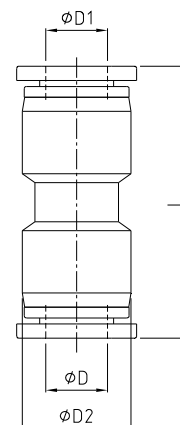
new



## Diritto intermedio

Straight intermediate  
Gerader Verbinder

Codice/Code	ØD	ØD1	ØD2	L					
RP530004B	4	4	11.5	34					10
RP530006B	6	6	13.5	35.5					10
RP530008B	8	8	15	38.5					10
RP530010B	10	10	19	48					10
RP530012B	12	12	21.5	49					10
RP530014B	14	14	23.5	50					10
RP530015B	15	15	26.5	66					10
RP530016B	16	16	26.5	66					10
RP530604B	6	4	13.5	35.5					10
RP530804B	8	4	15	38.5					10
RP530806B	8	6	15	38.5					10
RP531006B	10	6	19	46					10
RP531008B	10	8	19	47					10
RP531208B	12	8	21.5	48					10
RP531210B	12	10	21.5	49					10



RP **54-B**

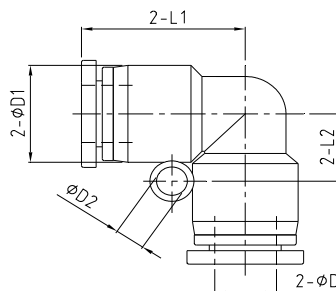
new



## L intermedio

L intermediate  
Winkelverbinder

Codice/Code	ØD	ØD1	ØD2	L1	L2				
RP540004B	4	11.5	3.2	19	7				10
RP540006B	6	13.5	3.2	19.2	8				10
RP540008B	8	15	3.2	22.5	10				10
RP540010B	10	19	4.2	27.8	12				10
RP540012B	12	21.5	4.2	29.5	13.5				10
RP540014B	14	23.5		30.5					10
RP540015B	15	26.5		33					10
RP540016B	16	26.5		33					10





# RP-B

## Raccordi ad innesto rapido in polimero (anellino tondo blu)

Plastic push-in fittings (blu round sleeve colour)  
Steckverschraubungen Kunststoff (blau farbe-taste)

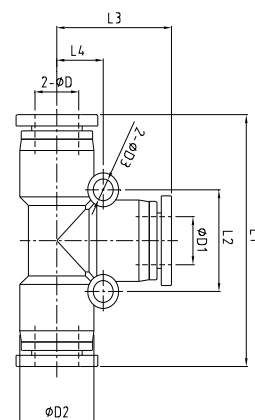
### RP 55-B

new



**T intermedio**  
T intermediate  
T-Verbinder

Codice/Code	ØD	ØD1	ØD2	ØD3	L1	L2	L3	L4	■
RP550004B	4	4	11.5	3.2	38	14	19	7	10
RP550006B	6	6	13.5	3.2	39	16	19.2	8	10
RP550008B	8	8	15	3.2	45	18	22.5	9	10
RP550010B	10	10	19	4.2	57	24	27.8	12	10
RP550012B	12	12	21.5	4.3	59	27	29.5	13.5	10
RP550014B	14	14	23.5		54		30		10
RP550015B	15	15	26.5		66		33		10
RP550016B	16	16	26.5		66		33		10
RP550604B	6	4	13.5	3.2	39	16	19.2	8	10
RP550804B	8	4	15	3.2	45	18	22.5	9	10
RP550806B	8	6	15	3.2	45	18	22.5	9	10
RP551006B	10	6	19	4.2	57	24	26.3	12	10
RP551008B	10	8	19	4.2	57	24	26.8	12	10
RP551208B	12	8	21.5	4.3	59	27	28.5	13.5	10
RP551210B	12	10	21.5	4.3	59	27	29.5	13.5	10



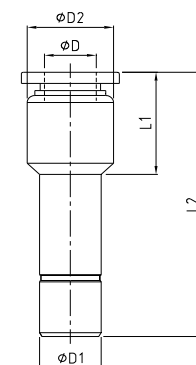
### RP 58-B

new



**Adattatore riduzione-maggiorazione**  
Reducer-increaser plug-in  
Reduzier Stecker

Codice/Code	ØD	ØD1	ØD2	L1	L2	■
RP580604B	4	6	10	16	35	10
RP580804B	4	8	10	13	34	10
RP580806B	6	8	12	15.5	36	10
RP581006B	6	10	12	16.8	41	10
RP581008B	8	10	14	17.5	42	10
RP581208B	8	12	14	17.5	42.5	10
RP581210B	10	12	17	21	46	10



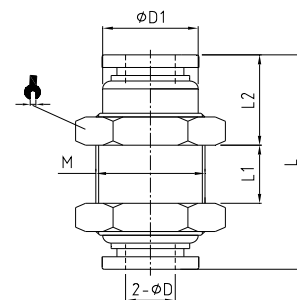
### RP 60-B

new



**Passalamiera**  
Union bulkhead  
Schottverschraubung

Codice/Code	ØD	ØD1	M	L	L1	L2	⚙️	■
RP600004B	4	10	M12X1	30.5	9.5	10	14	10
RP600006B	6	12	M14X1	31	7.5	10.6	17	10
RP600008B	8	14	M16X1	34.5	6.5	12	19	10
RP600010B	10	17	M20X1	41.5	11.5	12	24	10
RP600012B	12	20	M22X1	44.5	12.5	13.5	26	10



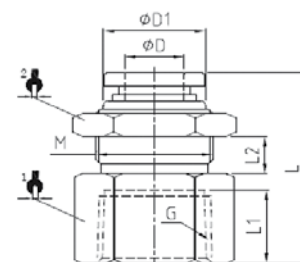
### RP 61-B

new



**Passalamiera femmina**  
Female union bulkhead  
Schottverschraubung Innengewinde

Codice/Code	ØD	G"	L	L1	L2	ØD1	⚙️1	⚙️2	M	■
RP611804B	4	G1/8	23.5	8.5	5	10	14	14	M12X1	10
RP611806B	6	G1/8	24.8	8.5	7	12	17	17	M14X1	10
RP611406B	6	G1/4	29.5	11	7	12	17	17	M14X1	10
RP611408B	8	G1/4	32	11	9	14	19	19	M16X1	10
RP613810B	10	G3/8	34	12	9	17	24	24	M20X1	10
RP611212B	12	G1/2	37	14	9	20	24	26	M22X1	10



# Raccordi ad innesto rapido in polimero (anellino tondo blu)

Plastic push-in fittings (blu round sleeve colour)  
Steckverschraubungen Kunststoff (blau farbe-taste)

**RP-B**

RP **62-B**

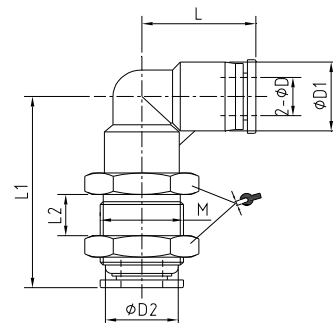
new



## Passalamiera gomito

Elbow union bulkhead  
Winkel Schottverschraubung

Codice/Code	ØD	ØD1	ØD2	L	L1	L2	M	🔧	📄
RP620004B	4	11.5	10	19	31	6	M12X1	14	10
RP620006B	6	13.5	12	19.2	34.5	7	M14X1	17	10
RP620008B	8	15	14	22.5	41	7.5	M16X1	19	10
RP620010B	10	19	17	28.5	47	9.5	M20X1	24	10



RP **65-B**

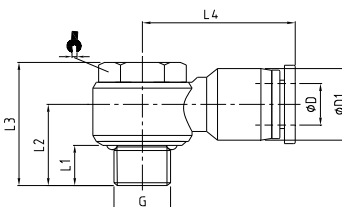
new



## Gomito maschio cilindrico BSPP-metrico

Elbow male parallel BSPP-metric  
Winkverschraubung Drehbar zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4	ØD1	🔧	📄
RP65M504B	4	M5	3.5	10.7	17.3	20.5	11.5	8	10
RP651804B	4	G1/8	5.5	14.5	23	23.5	11.5	12	10
RP65M506B	6	M5	3.5	11.7	17.3	22	13.5	8	10
RP651806B	6	G1/8	5.5	14.5	23	23.5	13.5	12	10
RP651406B	6	G1/4	7.5	16.7	26.3	25.4	13.5	14	10
RP651808B	8	G1/8	5.5	15.2	23	26.5	15	12	10
RP651408B	8	G1/4	7.5	18	26.3	28.9	15	14	10
RP651410B	10	G1/4	7.5	20	26.3	32.6	19	14	10



RP **70-B**

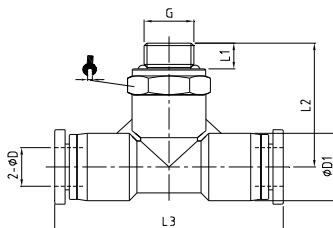
new



## T al centro maschio girevole cilindrico BSPP-metrico

Central T male (rotating body) parallel BSPP-metric  
T-Einschraubverschraubung Drehbar zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	ØD1	🔧	📄
RP70M504B	4	M5	3.5	21.3	38	11.5	10	10
RP701804B	4	G1/8	5.5	24.3	38	11.5	14	10
RP70M506B	6	M5	3.5	21.7	39	13.5	12	10
RP701806B	6	G1/8	5.5	24.2	39	13.5	14	10
RP701406B	6	G1/4	7.5	26.7	39	13.5	17	10
RP701808B	8	G1/8	5.5	27	45	15	14	10
RP701408B	8	G1/4	7.5	29.5	45	15	17	10
RP701410B	10	G1/4	7.5	34.8	57	19	17	10
RP703810B	10	G3/8	7.5	34.8	57	19	20	10
RP701412B	12	G1/4	7.5	36	59	21.5	21	10
RP703812B	12	G3/8	7.5	36	59	21.5	21	10



RP **71-B**

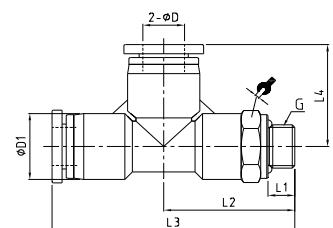
new



## T laterale maschio girevole cilindrico BSPP-metrico

Lateral T male (rotating body) parallel BSPP-metric  
T-Verschraubung Drehbar, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4	ØD1	🔧	📄
RP711804B	4	G1/8	5.5	24.3	43.3	19	11.5	14	10
RP711806B	6	G1/8	5.5	24.2	43.4	19.2	13.5	14	10
RP711406B	6	G1/4	7.5	26.7	46	19.2	13.5	17	10
RP711808B	8	G1/8	5.5	27	49.5	22.5	15	14	10
RP711408B	8	G1/4	7.5	29.5	52	22.5	15	17	10
RP711410B	10	G1/4	7.5	35	63.5	27.8	19	17	10
RP713810B	10	G3/8	7.5	35	63.5	27.8	19	20	10
RP711212B	12	G1/2	10	39	68.5	29.5	21.5	24	10



# RP-B

## Raccordi ad innesto rapido in polimero (anellino tondo blu)

Plastic push-in fittings (blu round sleeve colour)  
Steckverschraubungen Kunststoff (blau farbe-taste)

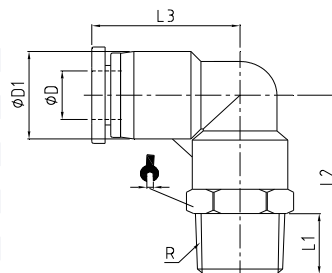
RP **72K-B** new



### Gomito maschio girevole conico BSPT

Elbow male (rotating body) taper BSPT  
Winkelverschraubung Drehbar, konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3	ØD1	↻	■
RP72K1804B	4	R1/8	7.5	20.5	19	11.5	10	10
RP72K1404B	4	R1/4	9.5	20	19	11.5	14	10
RP72K1806B	6	R1/8	7.5	21.5	19.2	13.5	10	10
RP72K1406B	6	R1/4	9.5	21	19.2	13.5	14	10
RP72K3806B	6	R3/8	10.5	22	19.2	13.5	17	10
RP72K1808B	8	R1/8	7.5	22.2	22.5	15	12	10
RP72K1408B	8	R1/4	9.5	21.7	22.5	15	14	10
RP72K3808B	8	R3/8	10.5	22.7	22.5	15	17	10
RP72K1208B	8	R1/2	13.5	26.2	22.5	15	21	10
RP72K1810B	10	R1/8	7.5	26.9	27.8	19	14	10
RP72K1410B	10	R1/4	9.5	28.4	27.8	19	14	10
RP72K3810B	10	R3/8	10.5	24.7	27.8	19	17	10
RP72K1210B	10	R1/2	13.5	28.2	27.8	19	21	10
RP72K1412B	12	R1/4	9.5	29.7	29.5	21.5	15	10
RP72K3812B	12	R3/8	10.5	26	29.5	21.5	17	10
RP72K1212B	12	R1/2	13.5	29.5	29.5	21.5	21	10
RP72K3814B	14	R3/8	10.5	40.5	30.5	23.5	22	10
RP72K1214B	14	R1/2	10	42.5	30.5	23.5	22	10
RP72K1215B	15	R1/2	13.5	43.5	33	26.5	24	10
RP72K3816B	16	R3/8	10.5	44	33	26.5	24	10
RP72K1216B	16	R1/2	13.5	47	33	26.5	24	10



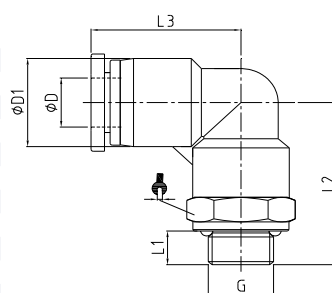
RP **72-B** new



### Gomito maschio girevole cilindrico BSPP-metrico

Elbow male (rotating body) parallel BSPP-metric  
Winkelverschraubung Drehbar, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	ØD1	↻	■
RP72M504B	4	M5	3.5	20	19	11.5	10	10
RP72M604B	4	M6	4	20.5	19	11.5	10	10
RP721804B	4	G1/8	5.5	22	19	11.5	14	10
RP721404B	4	G1/4	7.5	19.5	19	11.5	17	10
RP723804B	4	G3/8	7.5	20	19	11.5	20	10
RP72M506B	6	M5	3.5	21	19.2	13.5	10	10
RP72M606B	6	M6	4	21.5	19.2	13.5	10	10
RP721806B	6	G1/8	5.5	23	19.2	13.5	14	10
RP721406B	6	G1/4	7.5	20.5	19.2	13.5	17	10
RP723806B	6	G3/8	7.5	21	19.2	13.5	20	10
RP721808B	8	G1/8	5.5	23.7	22.5	15	14	10
RP721408B	8	G1/4	7.5	21.2	22.5	15	17	10
RP723808B	8	G3/8	7.5	21.7	22.5	15	20	10
RP721208B	8	G1/2	10	24.2	22.5	15	24	10
RP721810B	10	G1/8	5.5	26	27.8	19	14	10
RP721410B	10	G1/4	7.5	28	27.8	19	17	10
RP723810B	10	G3/8	7.5	23.7	27.8	19	20	10
RP721210B	10	G1/2	10	26.2	27.8	19	24	10
RP721412B	12	G1/4	7.5	29.2	29.5	21.5	17	10
RP723812B	12	G3/8	7.5	25	29.5	21.5	20	10
RP721212B	12	G1/2	10	27.5	29.5	21.5	24	10
RP723814B	14	G3/8	7.5	39	30.5	23.5	22	10
RP721214B	14	G1/2	10	42.5	30.5	23.5	24	10
RP721215B	15	G1/2	10	44.5	33	26.5	24	10
RP721216B	16	G1/2	10	44.5	33	26.5	24	10



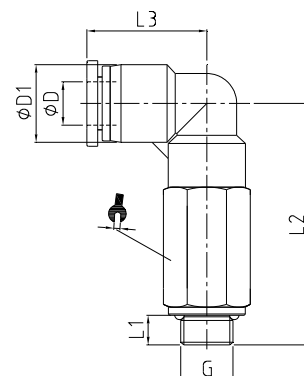
RP **72P-B** new



### Gomito maschio girevole lungo cilindrico BSPP-metrico

Elbow male (rotating body) parallel BSPP-metric  
Winkelverschraubung Lang Drehbar zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	ØD1	↻	■
RP72P1806B	6	G1/8	5.5	37.7	19.2	13.5	14	10
RP72P1406B	6	G1/4	7.5	40.2	19.2	13.5	17	10
RP72P1808B	8	G1/8	5.5	42.3	22.5	15	14	10
RP72P1408B	8	G1/4	7.5	44.3	22.5	15	17	10
RP72P3810B	10	G3/8	7.5	54.3	27.8	19	20	10
RP72P3812B	12	G3/8	7.5	59.5	29.5	21.5	21	10



# Raccordi ad innesto rapido in polimero (anellino tondo blu)

Plastic push-in fittings (blu round sleeve colour)  
Steckverschraubungen Kunststoff (blau farbe-taste)

**RP-B**

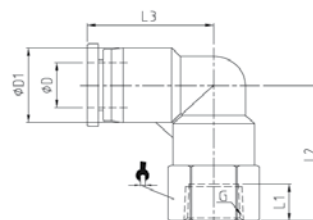
## RP 72F-B new



### Gomito femmina girevole cilindrico BSPP-metrico

Elbow female (rotating body) parallel BSPP-metric  
Winkelverschraubung Innengewinde, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	ØD1			
RP72F1804B	4	G1/8	8.5	23.3	19	11.5	14		10
RP72F1806B	6	G1/8	8.5	22.7	19.2	13.5	14		10
RP72F1406B	6	G1/4	11	25.7	19.2	13.5	17		10
RP72F1808B	8	G1/8	8.5	25	22.5	15	14		10
RP72F1408B	8	G1/4	11	28.5	22.5	15	17		10
RP72F3810B	10	G3/8	12	33.8	27.8	19	21		10
RP72F1210B	10	G1/2	14	36.8	27.8	19	24		10
RP72F1212B	12	G1/2	14	38	29.5	21.5	24		10



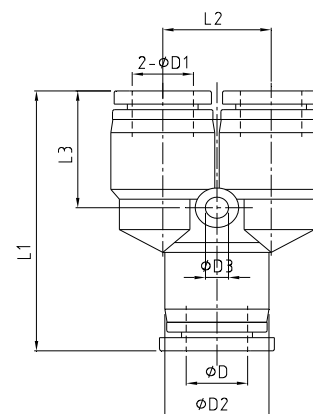
## RP 73-B new



### Y innestabile

Y connector  
Y-Verteiler

Codice/Code	ØD	ØD1	ØD2	ØD3	L1	L2	L3		
RP730004B	4	4	11.5	3.2	36.5	11	14.5		10
RP730006B	6	6	13.5	3.2	37.5	13	15		10
RP730008B	8	8	15	3.2	39.8	15	18		10
RP730010B	10	10	19	4.2	50	18	21		10
RP730012B	12	12	21.5	4.2	53	21	21.5		10
RP730604B	6	4	13.5	3.2	37.5	13	15		10
RP730806B	8	6	15	3.2	39.8	15	18		10
RP731008B	10	8	19	4.2	50	18	21		10
RP731210B	12	10	21.5	4.2	53	21	21.5		10



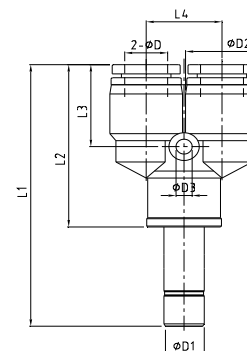
## RP 91-B new



### Y pari con codolo

Y with plug-in  
Y-Verteiler

Codice/Code	ØD	ØD1	ØD2	ØD3	L1	L2	L3	L4	
RP910004B	4	4	11.5	3.2	52.5	33.5	14.5	11	10
RP910006B	6	6	13.5	3.2	53.8	34.8	15	13	10
RP910008B	8	8	15	3.2	57.8	37.3	18	15	10
RP910010B	10	10	19	4.2	71	46.5	21	18	10
RP910012B	12	12	21.5	4.2	75.5	49.5	21.5	21	10



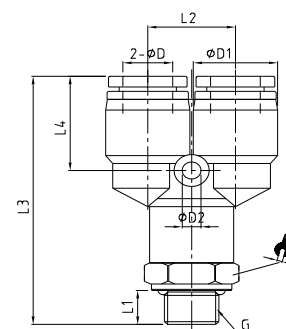
## RP 74-B new



### Y maschio girevole cilindrico BSPP-metrico

Y male (rotating body) parallel BSPP-metric  
Y Einschraubverschraubung Drehbar, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4	ØD1	ØD2		
RP741804B	4	G1/8	5.5	11	43	14.5	11.5	3.2	14	10
RP741806B	6	G1/8	5.5	13	44	15	13.5	3.2	14	10
RP741406B	6	G1/4	7.5	13	46.5	15	13.5	3.2	17	10
RP741808B	8	G1/8	5.5	15	46.3	18	15	3.2	14	10
RP741408B	8	G1/4	7.5	15	48.8	18	15	3.2	17	10
RP741410B	10	G1/4	7.5	18	58.5	21	19	4.2	17	10
RP743810B	10	G3/8	7.5	18	58.5	21	19	4.2	20	10
RP743812B	12	G3/8	7.5	21	62	21.5	21.5	4.2	21	10



**RP-B**

# Raccordi ad innesto rapido in polimero (anellino tondo blu)

Plastic push-in fittings (blu round sleeve colour)  
Steckverschraubungen Kunststoff (blau farbe-taste)

**RP 83-B**

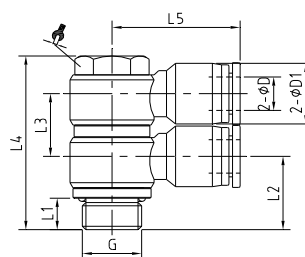
new

**Doppio L maschio girevole cilindrico BSPP**

Double L male (rotating body) parallel BSPP

Winkelverschraubung 2-Fach Drehbar, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4	L5	ØD1	🔧	📦
RP831804B	4	G1/8	5.5	14	15	38	23.5	11.5	12	10
RP831806B	6	G1/8	5.5	14	15	38	23.5	13.5	12	10
RP831406B	6	G1/4	7.5	17.3	15	41.5	25.4	13.5	14	10
RP831808B	8	G1/8	5.5	15	15	38	26.5	15	12	10
RP831408B	8	G1/4	7.5	18.3	15	41.5	29	15	14	10
RP831410B	10	G1/4	7.5	20	21.5	44.8	32.5	19	14	10

**RP 85-B**

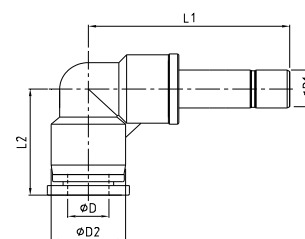
new

**L intermedio con codolo**

L intermediate with plug-in

Winkelanschluss

Codice/Code	ØD	ØD1	ØD2	L1	L2					📦
RP850004B	4	4	11.5	33.7	19					10
RP850006B	6	6	13.5	34	19.2					10
RP850008B	8	8	15	38.5	22.5					10
RP850010B	10	10	19	46.8	27.8					10
RP850012B	12	12	21.5	49.5	29.5					10

**RP 88-B**

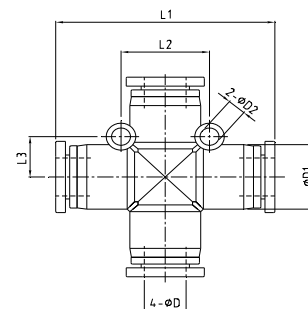
new

**Croce intermedio**

Cross intermediate

Kreuzverteiler

Codice/Code	ØD	ØD1	ØD2	L1	L2	L3				📦
RP880004B	4	11.5	3.2	38	14	7				10
RP880006B	6	13.5	3.2	39	16	8				10
RP880008B	8	15	3.2	45	18	9				10
RP880010B	10	19	4.2	57	24	12				10
RP880012B	12	21.5	4.3	59	27	13.5				10

**RP 89-B**

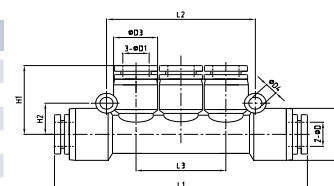
new

**T multiplo**

Multi T

T Mehrfachverteiler

Codice/Code	ØD	ØD1	ØD2	ØD3	ØD4	L1	L2	L3	H1	H2	📦
RP890604B	6	4	14.5	13	3.2	58	36	22	19	8	10
RP890804B	8	4	18.4	14.5	3.2	62	42	26	20.5	9	10
RP890806B	8	6	18.4	14.5	3.2	81	48	29	24.5	9	10
RP891006B	10	6	19	14.5	4.2	87	61	29	24.5	11.5	10
RP891008B	10	8	19	14.5	4.2	87	61	29	24.5	11.5	10



## RP 51K

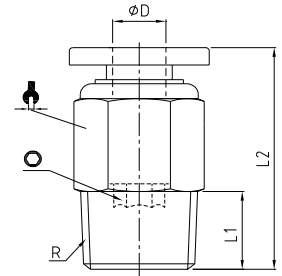


### Diritto maschio conico BSPT

Male straight taper BSPT

Gerade Einschraubverschraubung konisches Gewinde

Codice/Code	ØD	R"	L1	L2	○	⚙			■
RP51K1804	4	R1/8	7.5	20	3	10			10
RP51K1404	4	R1/4	9.5	18	3	14			10
RP51K3804	4	R3/8	10.5	19	3	17			10
RP51K1806	6	R1/8	7.5	20.5	4	12			10
RP51K1406	6	R1/4	9.5	22.5	4	14			10
RP51K3806	6	R3/8	10.5	20.5	4	17			10
RP51K1206	6	R1/2	13.5	24.5	4	21			10
RP51K1808	8	R1/8	7.5	25.5	5	14			10
RP51K1408	8	R1/4	9.5	24.5	5	14			10
RP51K3808	8	R3/8	10.5	21.5	6	17			10
RP51K1208	8	R1/2	13.5	25.5	6	21			10
RP51K1810	10	R1/8	7.5	29.5	5	17			10
RP51K1410	10	R1/4	9.5	31	6	17			10
RP51K3810	10	R3/8	10.5	28.5	8	17			10
RP51K1210	10	R1/2	13.5	26.5	8	21			10
RP51K1812	12	R1/8	7.5	30	5	21			10
RP51K1412	12	R1/4	9.5	30	6	21			10
RP51K3812	12	R3/8	10.5	29	8	21			10
RP51K1212	12	R1/2	13.5	32.5	8	21			10
RP51K3814	14	R3/8	10.5	34	8	22			10
RP51K1214	14	R1/2	13.5	33	10	22			10
RP51K3815	15	R3/8	10.5	37	8	24			10
RP51K1215	15	R1/2	13.5	35	10	24			10
RP51K3816	16	R3/8	10.5	37.5	8	24			10
RP51K1216	16	R1/2	13.5	39.5	10	24			10



## RP 51TK

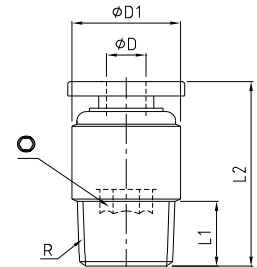


### Diritto tondo maschio conico BSPT

Round male straight taper BSPT

Rund Gerade Einschraubverschraubung, konisches Gewinde

Codice/Code	ØD	R"	L1	L2	ØD1	○			■
RP51TK1804	4	R1/8	7.5	20	10	3			10
RP51TK1404	4	R1/4	9.5	18	14	3			10
RP51TK1806	6	R1/8	7.5	20.5	12	4			10
RP51TK1406	6	R1/4	9.5	22.5	14	4			10
RP51TK3806	6	R3/8	10.5	20.5	17	4			10
RP51TK1808	8	R1/8	7.5	25.5	14	5			10
RP51TK1408	8	R1/4	9.5	24.5	14	5			10
RP51TK3808	8	R3/8	10.5	21.5	17	6			10
RP51TK1208	8	R1/2	13.5	25.5	21	6			10
RP51TK1810	10	R1/8	7.5	29.5	17	5			10
RP51TK1410	10	R1/4	9.5	31	17	6			10
RP51TK3810	10	R3/8	10.5	28.5	17	8			10
RP51TK1210	10	R1/2	13.5	26.5	21	8			10
RP51TK1812	12	R1/8	7.5	31	21	5			10
RP51TK1412	12	R1/4	9.5	33	21	6			10
RP51TK3812	12	R3/8	10.5	30	21	8			10
RP51TK1212	12	R1/2	13.5	32.5	21	8			10





## Raccordi ad innesto rapido in polimero

Plastic push-in fittings

Steckverschraubungen Kunststoff

### RP 51

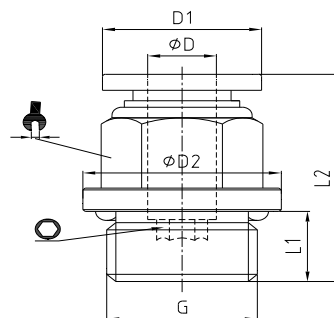


#### Diritto maschio cilindrico BSPP-metrico

Male straight parallel BSPP-metric

Gerade Einschraubverschraubung zylindrisches Gewinde

Codice/Code	ØD	G"	D1	ØD2	L1	L2	○	⚡	🔥
RP51M504	4	M5	10	8	3.5	20.3	2	10	10
RP51M604	4	M6	10	9	4	20.8	2	10	10
RP511804	4	G1/8	12	14	5.5	19.5	3	10	10
RP511404	4	G1/4	12	17	7.5	18.6	3	10	10
RP513804	4	G3/8	12	20	7.5	19.6	3	10	10
RP51M506	6	M5	12	8	3.5	21	2	12	10
RP51M606	6	M6	12	9	4	21	2	12	10
RP511806	6	G1/8	14	14	5.5	22	4	12	10
RP511406	6	G1/4	14	17	7.5	22.5	4	12	10
RP513806	6	G3/8	14	20	7.5	20.3	4	12	10
RP511206	6	G1/2	14	24	10	23	4	12	10
RP511808	8	G1/8	16	14	5.5	25	4	14	10
RP511408	8	G1/4	16	17	7.5	24	5	14	10
RP513808	8	G3/8	16	20	7.5	20.5	6	14	10
RP511208	8	G1/2	16	24	10	24	6	14	10
RP511810	10	G1/8	19.5	14	5.5	29	4	17	10
RP511410	10	G1/4	19.5	17	7.5	30.5	6	17	10
RP513810	10	G3/8	19.5	20	7.5	27	8	17	10
RP511210	10	G1/2	19.5	24	10	30	8	17	10
RP511812	12	G1/8	23	14	5.5	30	4	21	10
RP511412	12	G1/4	23	17	7.5	33	6	21	10
RP513812	12	G3/8	23	20	7.5	28	8	21	10
RP511212	12	G1/2	23	24	10	30.5	8	21	10
RP513814	14	G3/8	23	22	7.5	32.5	8	22	10
RP511214	14	G1/2	23	24	10	30	10	24	10
RP513815	15	G3/8	27	24	7.5	34.5	8	24	10
RP511215	15	G1/2	27	24	10	31.5	10	24	10
RP513816	16	G3/8	27	20	7.5	35	8	24	10
RP511216	16	G1/2	27	24	10	37	10	24	10



### RP 52

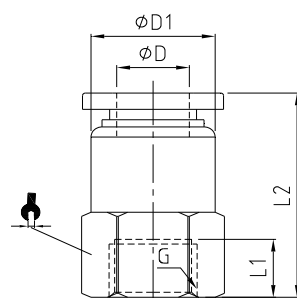


#### Femmina diritto

Female straight

Manometerverschraubung

Codice/Code	ØD	G"	L1	L2	ØD1	⚡	🔥	🔧
RP52M504	4	M5	5.5	21	10	10		10
RP52M604	4	M6	6	21.5	10	10		10
RP521804	4	G1/8	8.5	24	10	14		10
RP521404	4	G1/4	11	26.5	10	17		10
RP52M506	6	M5	5.5	21.5	12	12		10
RP52M606	6	M6	6	22	12	12		10
RP521806	6	G1/8	8.5	24.5	12	14		10
RP521406	6	G1/4	11	27	12	17		10
RP523806	6	G3/8	12	28	12	21		10
RP521808	8	G1/8	8.5	26	14	14		10
RP521408	8	G1/4	11	28.5	14	17		10
RP523808	8	G3/8	12	29.5	14	21		10
RP521208	8	G1/2	14	31.5	14	24		10
RP521810	10	G1/8	8.5	29.5	17	17		10
RP521410	10	G1/4	11	32.7	17	17		10
RP523810	10	G3/8	12	33	17	21		10
RP521210	10	G1/2	14	35.7	17	24		10
RP521412	12	G1/4	11	33.5	20	21		10
RP523812	12	G3/8	12	34.5	20	21		10
RP521212	12	G1/2	14	36.5	20	24		10



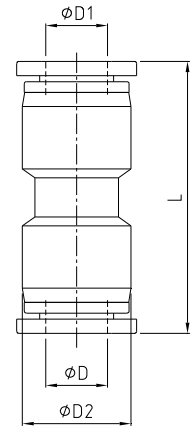
## RP 53



### Diritto intermedio

Straight intermediate  
Gerader Verbinder

Codice/Code	ØD	ØD1	ØD2	L					
RP530004	4	4	11.5	34					10
RP530006	6	6	13.5	35.5					10
RP530008	8	8	15	38.5					10
RP530010	10	10	19	48					10
RP530012	12	12	21.5	49					10
RP530014	14	14	23.5	50					10
RP530015	15	15	26.5	66					10
RP530016	16	16	26.5	66					10
RP530604	6	4	13.5	35.5					10
RP530804	8	4	15	38.5					10
RP530806	8	6	15	38.5					10
RP531006	10	6	19	46					10
RP531008	10	8	19	47					10
RP531208	12	8	21.5	48					10
RP531210	12	10	21.5	49					10



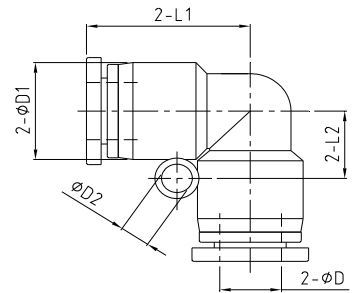
## RP 54



### L intermedio

L intermediate  
Winkelverbinder

Codice/Code	ØD	ØD1	ØD2	L1	L2				
RP540004	4	11.5	3.2	19	7				10
RP540006	6	13.5	3.2	19.2	8				10
RP540008	8	15	3.2	22.5	10				10
RP540010	10	19	4.2	27.8	12				10
RP540012	12	21.5	4.2	29.5	13.5				10
RP540014	14	23.5		30.5					10
RP540015	15	26.5		33					10
RP540016	16	26.5		33					10



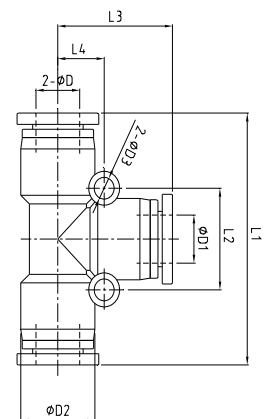
## RP 55



### T intermedio

T intermediate  
T-Verbinder

Codice/Code	ØD	ØD1	ØD2	ØD3	L1	L2	L3	L4	
RP550004	4	4	11.5	3.2	38	14	19	7	10
RP550006	6	6	13.5	3.2	39	16	19.2	8	10
RP550008	8	8	15	3.2	45	18	22.5	9	10
RP550010	10	10	19	4.2	57	24	27.8	12	10
RP550012	12	12	21.5	4.3	59	27	29.5	13.5	10
RP550014	14	14	23.5		54		30		10
RP550015	15	15	26.5		66		33		10
RP550016	16	16	26.5		66		33		10
RP550604	6	4	13.5	3.2	39	16	19.2	8	10
RP550804	8	4	15	3.2	45	18	22.5	9	10
RP550806	8	6	15	3.2	45	18	22.5	9	10
RP551006	10	6	19	4.2	57	24	26.3	12	10
RP551008	10	8	19	4.2	57	24	26.8	12	10
RP551208	12	8	21.5	4.3	59	27	28.5	13.5	10
RP551210	12	10	21.5	4.3	59	27	29.5	13.5	10



# Raccordi ad innesto rapido in polimero

Plastic push-in fittings  
Steckverschraubungen Kunststoff

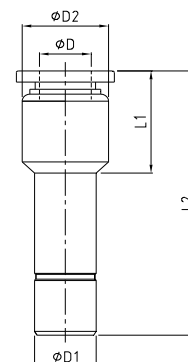
## RP 58



### Adattatore riduzione-maggiorazione

Reducer-increaser plug-in  
Reduzier Stecker

Codice/Code	ØD	ØD1	ØD2	L1	L2				
RP580604	4	6	10	16	35				10
RP580804	4	8	10	13	34				10
RP580806	6	8	12	15.5	36				10
RP581006	6	10	12	16.8	41				10
RP581008	8	10	14	17.5	42				10
RP581206	6	12	13.5	13.5	38.5				10
RP581208	8	12	14	17.5	42.5				10
RP581210	10	12	17	21	46				10



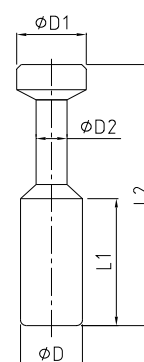
## RP 59



### Tappo maschio

Male plug-in  
Verschluss Stecker

Codice/Code	ØD	ØD1	ØD2	L1	L2				
RP590004	4	5	3	15	28				10
RP590006	6	7	3	17	33				10
RP590008	8	9	4	18	37				10
RP590010	10	11	5	20.5	42				10
RP590012	12	13	6	23	44				10



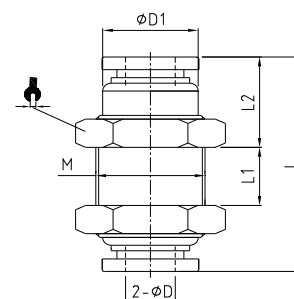
## RP 60



### Passalamiera

Union bulkhead  
Schottverschraubung

Codice/Code	ØD	ØD1	M	L	L1	L2			
RP600004	4	10	M12X1	30.5	9.5	10			10
RP600006	6	12	M14X1	31	7.5	10.6			10
RP600008	8	14	M16X1	34.5	6.5	12			10
RP600010	10	17	M20X1	41.5	11.5	12			10
RP600012	12	20	M22X1	44.5	12.5	13.5			10



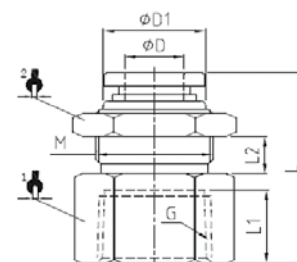
## RP 61



### Passalamiera femmina

Female union bulkhead  
Schottverschraubung Innengewinde

Codice/Code	ØD	G"	L	L1	L2	ØD1			M	
RP611804	4	G1/8	23.5	8.5	5	10	14	14	M12X1	10
RP611404	4	G1/4	26	11	5	10	17	14	M12X1	10
RP611806	6	G1/8	24.8	8.5	7	12	17	17	M14X1	10
RP611406	6	G1/4	29.5	11	7	12	17	17	M14X1	10
RP613806	6	G3/8	30.5	12	7	12	21	17	M14X1	10
RP611206	6	G1/2	33	14	7	12	24	17	M14X1	10
RP611808	8	G1/8	26.5	8.5	9	14	19	19	M16X1	10
RP611408	8	G1/4	32	11	9	14	19	19	M16X1	10
RP613808	8	G3/8	34.3	12	9	14	21	19	M16X1	10
RP611208	8	G1/2	36.5	14	9	14	24	19	M16X1	10
RP611810	10	G1/8	30	8.5	9	17	24	24	M20X1	10
RP611410	10	G1/4	32.5	11	9	17	24	24	M20X1	10
RP613810	10	G3/8	34	12	9	17	24	24	M20X1	10
RP611210	10	G1/2	38	14	9	17	24	24	M20X1	10
RP611412	12	G1/4	34	11	9	20	24	26	M22X1	10
RP613812	12	G3/8	35	12	9	20	24	26	M22X1	10
RP611212	12	G1/2	37	14	9	20	24	26	M22X1	10

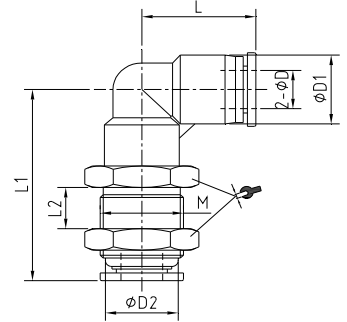


## RP 62



**Passalamiera gomito**  
Elbow union bulkhead  
Winkel Schottverschraubung

Codice/Code	ØD	ØD1	ØD2	L	L1	L2	M	⚡	🔥
RP620004	4	11.5	10	19	31	6	M12X1	14	10
RP620006	6	13.5	12	19.2	34.5	7	M14X1	17	10
RP620008	8	15	14	22.5	41	7.5	M16X1	19	10
RP620010	10	19	17	28.5	47	9.5	M20X1	24	10
RP620012	12	21.5	20	29.5	49	10	M22X1	26	10

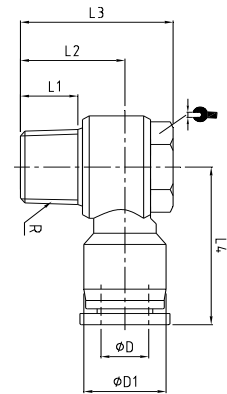


## RP 65K



**Gomito maschio conico BSPT**  
Elbow male taper BSPT  
Winkelverschraubung Drehbar konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3	L4	ØD1	⚡	🔥
RP65K1804	4	R1/8	7.5	15	23	23.5	11.5	12	10
RP65K1404	4	R1/4	9.5	16.8	26.3	25.5	11.5	14	10
RP65K1806	6	R1/8	7.5	15	23	23.5	13.5	12	10
RP65K1406	6	R1/4	9.5	16.2	26.3	25.4	13.5	14	10
RP65K3806	6	R3/8	10.5	19	31.9	29.5	13.5	19	10
RP65K1206	6	R1/2	13.5	24	38.6	32.5	14.5	24	10
RP65K1808	8	R1/8	7.5	15.7	23	26.5	15	12	10
RP65K1408	8	R1/4	9.5	17.5	26.3	28.9	15	14	10
RP65K3808	8	R3/8	10.5	19	31.9	29.8	15	19	10
RP65K1208	8	R1/2	13.5	24	38.6	32.5	15	24	10
RP65K1810	10	R1/8	7.5	18	23	30.5	19	12	10
RP65K1410	10	R1/4	9.5	19.5	26.3	32.6	19	14	10
RP65K3810	10	R3/8	10.5	21	31.9	33	19	19	10
RP65K1210	10	R1/2	13.5	24.2	38.6	36	19	24	10
RP65K1412	12	R1/4	9.5	20.8	26.3	33.5	21.5	14	10
RP65K3812	12	R3/8	10.5	22.2	31.9	35.5	21.5	19	10
RP65K1212	12	R1/2	13.5	25.5	38.6	36.5	21.5	24	10

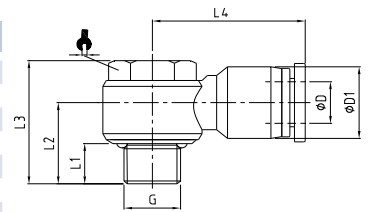


## RP 65



**Gomito maschio cilindrico BSPP-metrico**  
Elbow male parallel BSPP-metric  
Winkelverschraubung Drehbar zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4	ØD1	⚡	🔥
RP65M504	4	M5	3.5	10.7	17.3	20.5	11.5	8	10
RP651804	4	G1/8	5.5	14.5	23	23.5	11.5	12	10
RP651404	4	G1/4	7.5	17.3	26.3	25.5	11.5	14	10
RP65M506	6	M5	3.5	11.7	17.3	22	13.5	8	10
RP651806	6	G1/8	5.5	14.5	23	23.5	13.5	12	10
RP651406	6	G1/4	7.5	16.7	26.3	25.4	13.5	14	10
RP653806	6	G3/8	7.5	19	32	29.5	13.5	19	10
RP651206	6	G1/2	10	24.5	39	32.5	13.5	24	10
RP651808	8	G1/8	5.5	15.2	23	26.5	15	12	10
RP651408	8	G1/4	7.5	18	26.3	28.9	15	14	10
RP653808	8	G3/8	7.5	19	32	29.8	15	19	10
RP651208	8	G1/2	10	24.5	39	32.5	15	24	10
RP651810	10	G1/8	5.5	17.2	23	30.5	19	12	10
RP651410	10	G1/4	7.5	20	26.3	32.6	19	14	10
RP653810	10	G3/8	7.5	21	32	33	19	19	10
RP651210	10	G1/2	10	24.7	39	36	19	24	10
RP651412	12	G1/4	7.5	21.3	26.3	33.5	21.5	14	10
RP653812	12	G3/8	7.5	22.2	32	35.5	21.5	19	10
RP651212	12	G1/2	10	26	39	36.5	21.5	24	10



## Raccordi ad innesto rapido in polimero

Plastic push-in fittings

Steckverschraubungen Kunststoff

### RP 65F

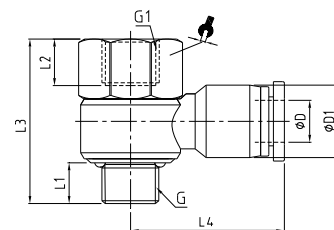


#### Gomito maschio-femmina cilindrico BSPP-metrico

Elbow male-female parallel BSPP-metric

Winkelverschraubung Außen/Innengewinde zylindrisches Gewinde

Codice/Code	ØD	G"	G1"	L1	L2	L3	L4	ØD1	⚡	🔥
RP65FM504	4	M5	M5	3.5	5.5	20	20.5	11.5	8	10
RP65F1804	4	G1/8	G1/8	5.5	8.5	29	23.5	11.5	14	10
RP65F1404	4	G1/4	G1/4	7.5	11	35	25.5	11.5	17	10
RP65FM506	6	M5	M5	3.5	5.5	20	22	13.5	8	10
RP65F1806	6	G1/8	G1/8	5.5	8.5	29	23.5	13.5	14	10
RP65F1406	6	G1/4	G1/4	7.5	11	35	25.4	13.5	17	10
RP65F3806	6	G3/8	G3/8	7.5	12	41	29.5	13.5	21	10
RP65F1808	8	G1/8	G1/8	5.5	8.5	29	26.5	15	14	10
RP65F1408	8	G1/4	G1/4	7.5	11	35	28.9	15	17	10
RP65F3808	8	G3/8	G3/8	7.5	12	41	29.8	15	21	10
RP65F1208	8	G1/2	G1/2	10	14	47.5	32.5	15	24	10
RP65F1810	10	G1/8	G1/8	5.5	8.5	32	30.3	19	14	10
RP65F1410	10	G1/4	G1/4	7.5	11	36	32.6	19	17	10
RP65F3810	10	G3/8	G3/8	7.5	12	41	33	19	21	10
RP65F1210	10	G1/2	G1/2	10	14	47.5	36	19	24	10
RP65F1412	12	G1/4	G1/4	7.5	11	36	33.5	21.5	17	10
RP65F3812	12	G3/8	G3/8	7.5	12	41	35.5	21.5	21	10
RP65F1212	12	G1/2	G1/2	10	14	47.5	36.5	21.5	24	10



### RP 66K

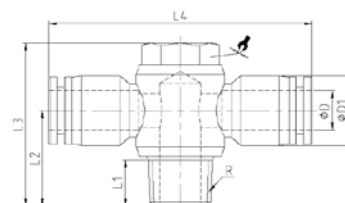


#### T banjo girevole conico BSPT

T banjo (rotating body) taper BSPT

Winkelverschraubung Drehbar, konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3	L4	ØD1	⚡	🔥
RP66K1804	4	R1/8	7.5	16	27.5	47	13.3	12	10
RP66K1806	6	R1/8	7.5	16	27.5	47	13.3	12	10
RP66K1406	6	R1/4	9.5	19.5	33.5	54	14.8	14	10
RP66K1808	8	R1/8	7.5	16	27.5	51	14.8	12	10
RP66K1408	8	R1/4	9.5	19.5	33.5	54	14.8	14	10
RP66K1410	10	R1/4	9.5	19.5	33.5	63	18.7	14	10



### RP 66

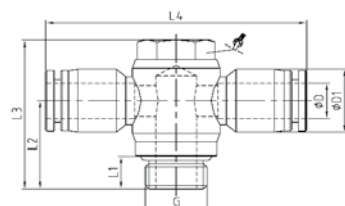


#### T banjo girevole cilindrico BSPP-metrico

T banjo (rotating body) parallel BSPP-metric

Winkelverschraubung Drehbar, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4	ØD1	⚡	🔥
RP661804	4	G1/8	5.5	15.5	27	47	13.3	12	10
RP661806	6	G1/8	5.5	15.5	27	47	13.3	12	10
RP661406	6	G1/4	7.5	20.5	34.5	54	14.8	14	10
RP661808	8	G1/8	5.5	15.5	27	51	14.8	12	10
RP661408	8	G1/4	7.5	20.5	34.5	54	14.8	14	10
RP661410	10	G1/4	7.5	20.5	34.5	63	18.7	14	10



## RP 70K

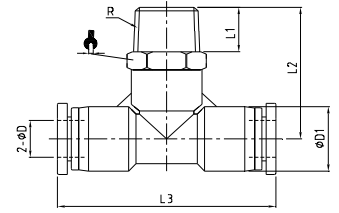


### T al centro girevole conico BSPT

Central T male (rotating body) taper BSPT

T-Einschraubverschraubung Drehbar konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3	ØD1			
RP70K1804	4	R1/8	7.5	23.8	38	11.5	10		10
RP70K1404	4	R1/4	9.5	26.8	38	11.5	14		10
RP70K3804	4	R3/8	10.5	28.3	38	11.5	17		10
RP70K1806	6	R1/8	7.5	24.2	39	13.5	12		10
RP70K1406	6	R1/4	9.5	26.7	39	13.5	14		10
RP70K3806	6	R3/8	10.5	28.2	39	13.5	17		10
RP70K1206	6	R1/2	13.5	31.7	39	13.5	21		10
RP70K1808	8	R1/8	7.5	27.5	45	15	14		10
RP70K1408	8	R1/4	9.5	29.5	45	15	14		10
RP70K3808	8	R3/8	10.5	31	45	15	17		10
RP70K1208	8	R1/2	13.5	34.5	45	15	21		10
RP70K1810	10	R1/8	7.5	32.8	57	19	17		10
RP70K1410	10	R1/4	9.5	34.8	57	19	17		10
RP70K3810	10	R3/8	10.5	35.8	57	19	17		10
RP70K1210	10	R1/2	13.5	39.3	57	19	21		10
RP70K1412	12	R1/4	9.5	36	59	21.5	21		10
RP70K3812	12	R3/8	10.5	37	59	21.5	21		10
RP70K1212	12	R1/2	13.5	40	59	21.5	21		10
RP70K3814	14	R3/8	10.5	41	54	23.5	22		10
RP70K1214	14	R1/2	13.5	44	54	23.5	22		10
RP70K3816	16	R3/8	10.5	44	66	26.5	24		10
RP70K1216	16	R1/2	13.5	47	66	26.5	24		10



## RP 70

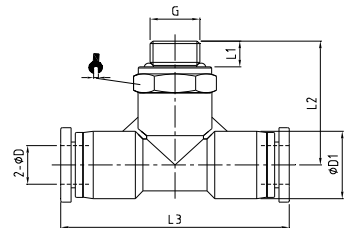


### T al centro maschio girevole cilindrico BSPP-metrico

Central T male (rotating body) parallel BSPP-metric

T-Einschraubverschraubung Drehbar zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	ØD1			
RP70M504	4	M5	3.5	21.3	38	11.5	10		10
RP70M604	4	M6	4	21.8	38	11.5	10		10
RP701804	4	G1/8	5.5	24.3	38	11.5	14		10
RP701404	4	G1/4	7.5	26.8	38	11.5	17		10
RP703804	4	G3/8	7.5	27.3	38	1.5	20		10
RP70M506	6	M5	3.5	21.7	39	13.5	12		10
RP70M606	6	M6	4	22.2	39	13.5	12		10
RP701806	6	G1/8	5.5	24.2	39	13.5	14		10
RP701406	6	G1/4	7.5	26.7	39	13.5	17		10
RP703806	6	G3/8	7.5	27.2	39	13.5	20		10
RP701206	6	G1/2	10	29.7	39	13.5	24		10
RP701808	8	G1/8	5.5	27	45	15	14		10
RP701408	8	G1/4	7.5	29.5	45	15	17		10
RP703808	8	G3/8	7.5	30	45	15	20		10
RP701208	8	G1/2	10	32.5	45	15	24		10
RP701810	10	G1/8	5.5	32.3	57	19	17		10
RP701410	10	G1/4	7.5	34.8	57	19	17		10
RP703810	10	G3/8	7.5	34.8	57	19	20		10
RP701210	10	G1/2	10	38.3	57	19	24		10
RP701412	12	G1/4	7.5	36	59	21.5	21		10
RP703812	12	G3/8	7.5	36	59	21.5	21		10
RP701212	12	G1/2	10	39	59	21.5	24		10
RP703814	14	G3/8	7.5	39.5	54	23.5	22		10
RP701214	14	G1/2	10	43	54	23.5	24		10
RP703816	16	G3/8	7.5	42.5	66	26.5	24		10
RP701216	16	G1/2	10	44.5	66	26.5	24		10





## Raccordi ad innesto rapido in polimero

Plastic push-in fittings

Steckverschraubungen Kunststoff

### RP 71K

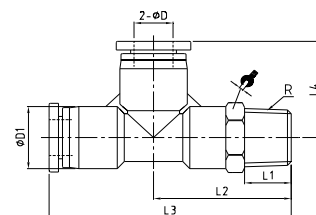


#### T laterale girevole conico BSPT

Lateral T male (rotating body) taper BSPT

T-Verschraubung Drehbar, konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3	L4	ØD1		
RP71K1804	4	R1/8	7.5	23.8	42.8	19	11.5	10	10
RP71K1404	4	R1/4	9.5	26.8	45.8	19	11.5	14	10
RP71K3804	4	R3/8	10.5	28.3	47.3	19	11.5	17	10
RP71K1806	6	R1/8	7.5	24.2	43.4	19.2	13.5	12	10
RP71K1406	6	R1/4	9.5	26.7	46	19.2	13.5	14	10
RP71K3806	6	R3/8	10.5	28.2	47.5	19.2	13.5	17	10
RP71K1206	6	R1/2	13.5	31.7	51	19.2	13.5	21	10
RP71K1808	8	R1/8	7.5	27.5	50	22.5	15	14	10
RP71K1408	8	R1/4	9.5	29.5	52	22.5	15	14	10
RP71K3808	8	R3/8	10.5	31	53.5	22.5	15	17	10
RP71K1208	8	R1/2	13.5	34.5	57	22.5	15	21	10
RP71K1810	10	R1/8	7.5	33	61.5	27.8	19	17	10
RP71K1410	10	R1/4	9.5	35	63.5	27.8	19	17	10
RP71K3810	10	R3/8	10.5	36	64.5	27.8	19	17	10
RP71K1210	10	R1/2	13.5	39.5	68	27.8	19	21	10
RP71K1412	12	R1/4	9.5	36	65.5	29.5	21.5	21	10
RP71K3812	12	R3/8	10.5	37	66.5	29.5	21.5	21	10
RP71K1212	12	R1/2	13.5	40	69.5	29.5	21.5	21	10



### RP 71

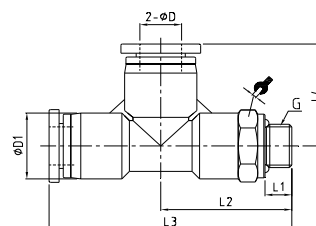


#### T laterale maschio girevole cilindrico BSPP-metrico

Lateral T male (rotating body) parallel BSPP-metric

T-Verschraubung Drehbar, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4	ØD1		
RP71M504	4	M5	3.5	21.3	40.3	19	11.5	10	10
RP71M604	4	M6	4	21.8	40.8	19	11.5	10	10
RP711804	4	G1/8	5.5	24.3	43.3	19	11.5	14	10
RP711404	4	G1/4	7.5	26.8	45.8	19	11.5	17	10
RP71M506	6	M5	3.5	21.7	40.9	19.2	13.5	12	10
RP71M606	6	M6	4	22.2	41.4	19.2	13.5	12	10
RP711806	6	G1/8	5.5	24.2	43.4	19.2	13.5	14	10
RP711406	6	G1/4	7.5	26.7	46	19.2	13.5	17	10
RP713806	6	G3/8	7.5	27.2	46.5	19.2	13.5	20	10
RP711206	6	G1/2	10	29.7	49	19.2	13.5	24	10
RP711808	8	G1/8	5.5	27	49.5	22.5	15	14	10
RP711408	8	G1/4	7.5	29.5	52	22.5	15	17	10
RP713808	8	G3/8	7.5	30	52.5	22.5	15	20	10
RP711208	8	G1/2	10	32.5	55	22.5	15	24	10
RP711810	10	G1/8	5.5	32.5	61	27.8	19	17	10
RP711410	10	G1/4	7.5	35	63.5	27.8	19	17	10
RP713810	10	G3/8	7.5	35	63.5	27.8	19	20	10
RP711210	10	G1/2	10	38.5	67	27.8	19	24	10
RP711412	12	G1/4	7.5	36	65.5	29.5	21.5	21	10
RP713812	12	G3/8	7.5	36	65.5	29.5	21.5	21	10
RP711212	12	G1/2	10	39	68.5	29.5	21.5	24	10



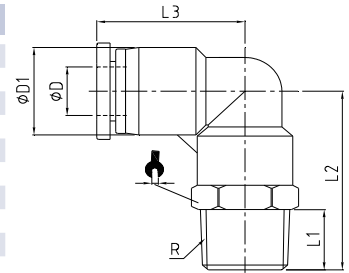
## RP 72K



### Gomito maschio girevole conico BSPT

Elbow male (rotating body) taper BSPT  
Winkelverschraubung Drehbar, konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3	ØD1			
RP72K1804	4	R1/8	7.5	20.5	19	11.5	10		10
RP72K1404	4	R1/4	9.5	20	19	11.5	14		10
RP72K3804	4	R3/8	10.5	21	19	11.5	17		10
RP72K1806	6	R1/8	7.5	21.5	19.2	13.5	10		10
RP72K1406	6	R1/4	9.5	21	19.2	13.5	14		10
RP72K3806	6	R3/8	10.5	22	19.2	13.5	17		10
RP72K1206	6	R1/2	13.5	25.5	19.2	13.5	21		10
RP72K1808	8	R1/8	7.5	22.2	22.5	15	12		10
RP72K1408	8	R1/4	9.5	21.7	22.5	15	14		10
RP72K3808	8	R3/8	10.5	22.7	22.5	15	17		10
RP72K1208	8	R1/2	13.5	26.2	22.5	15	21		10
RP72K1810	10	R1/8	7.5	26.9	27.8	19	14		10
RP72K1410	10	R1/4	9.5	28.4	27.8	19	14		10
RP72K3810	10	R3/8	10.5	24.7	27.8	19	17		10
RP72K1210	10	R1/2	13.5	28.2	27.8	19	21		10
RP72K1812	12	R1/8	7.5	28.2	29.5	21.5	15		10
RP72K1412	12	R1/4	9.5	29.7	29.5	21.5	15		10
RP72K3812	12	R3/8	10.5	26	29.5	21.5	17		10
RP72K1212	12	R1/2	13.5	29.5	29.5	21.5	21		10
RP72K3814	14	R3/8	10.5	40.5	30.5	23.5	22		10
RP72K1214	14	R1/2	10	42.5	30.5	23.5	22		10
RP72K1215	15	R1/2	13.5	43.5	33	26.5	24		10
RP72K3816	16	R3/8	10.5	44	33	26.5	24		10
RP72K1216	16	R1/2	13.5	47	33	26.5	24		10



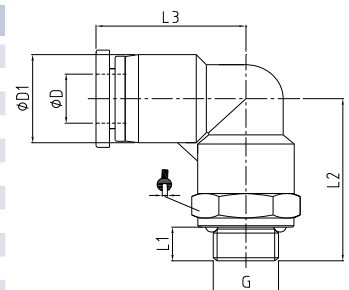
## RP 72



### Gomito maschio girevole cilindrico BSPP-metrico

Elbow male (rotating body) parallel BSPP-metric  
Winkelverschraubung Drehbar, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	ØD1			
RP72M504	4	M5	3.5	20	19	11.5	10		10
RP72M604	4	M6	4	20.5	19	11.5	10		10
RP721804	4	G1/8	5.5	22	19	11.5	14		10
RP721404	4	G1/4	7.5	19.5	19	11.5	17		10
RP723804	4	G3/8	7.5	20	19	11.5	20		10
RP72M506	6	M5	3.5	21	19.2	13.5	10		10
RP72M606	6	M6	4	21.5	19.2	13.5	10		10
RP721806	6	G1/8	5.5	23	19.2	13.5	14		10
RP721406	6	G1/4	7.5	20.5	19.2	13.5	17		10
RP723806	6	G3/8	7.5	21	19.2	13.5	20		10
RP721206	6	G1/2	10	23.5	19.2	13.5	24		10
RP721808	8	G1/8	5.5	23.7	22.5	15	14		10
RP721408	8	G1/4	7.5	21.2	22.5	15	17		10
RP723808	8	G3/8	7.5	21.7	22.5	15	20		10
RP721208	8	G1/2	10	24.2	22.5	15	24		10
RP721810	10	G1/8	5.5	26	27.8	19	14		10
RP721410	10	G1/4	7.5	28	27.8	19	17		10
RP723810	10	G3/8	7.5	23.7	27.8	19	20		10
RP721210	10	G1/2	10	26.2	27.8	19	24		10
RP721812	12	G1/8	5.5	27.2	29.5	21.5	15		10
RP721412	12	G1/4	7.5	29.2	29.5	21.5	17		10
RP723812	12	G3/8	7.5	25	29.5	21.5	20		10
RP721212	12	G1/2	10	27.5	29.5	21.5	24		10
RP723814	14	G3/8	7.5	39	30.5	23.5	22		10
RP721214	14	G1/2	10	42.5	30.5	23.5	24		10
RP723815	15	G3/8	7.5	42.5	33	26.5	24		10
RP721215	15	G1/2	10	44.5	33	26.5	24		10
RP721216	16	G1/2	10	44.5	33	26.5	24		10



# Raccordi ad innesto rapido in polimero

Plastic push-in fittings

Steckverschraubungen Kunststoff

## RP 72KP

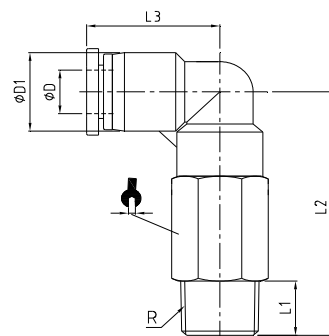


### Gomito maschio girevole lungo conico BSPT

Elbow male (rotating body) taper BSPT

Winkelverschraubung Lang Drehbar Kunststoff konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3	ØD1			
RP72KP1804	4	R1/8	7.5	35.8	19	11.5	10		10
RP72KP1404	4	R1/4	9.5	38.8	19	11.5	14		10
RP72KP1806	6	R1/8	7.5	38.2	19.2	13.5	12		10
RP72KP1406	6	R1/4	9.5	40.7	19.2	13.5	14		10
RP72KP3806	6	R3/8	10.5	42.2	19.2	13.5	17		10
RP72KP1206	6	R1/2	13.5	45.7	19.2	13.5	21		10
RP72KP1808	8	R1/8	7.5	42.8	22.5	15	14		10
RP72KP1408	8	R1/4	9.5	44.8	22.5	15	14		10
RP72KP3808	8	R3/8	10.5	46.4	22.5	15	17		10
RP72KP1208	8	R1/2	13.5	48.8	22.5	15	21		10
RP72KP1810	10	R1/8	7.5	52.3	27.8	19	17		10
RP72KP1410	10	R1/4	9.5	54.3	27.8	19	17		10
RP72KP3810	10	R3/8	10.5	55.3	27.8	19	17		10
RP72KP1210	10	R1/2	13.5	58.8	27.8	19	21		10
RP72KP1812	12	R1/8	7.5	57	29.5	21.5	21		10
RP72KP1412	12	R1/4	9.5	59	29.5	21.5	21		10
RP72KP3812	12	R3/8	10.5	60	29.5	21.5	21		10
RP72KP1212	12	R1/2	13.5	63	29.5	21.5	21		10



## RP 72P

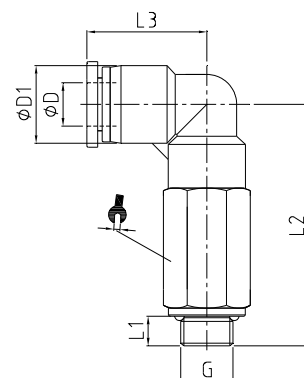


### Gomito maschio girevole lungo cilindrico BSPP-metrico

Elbow male (rotating body) parallel BSPP-metric

Winkelverschraubung Lang Drehbar zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	ØD1			
RP72PM504	4	M5	3.5	33.3	19	11.5	10		10
RP72PM604	4	M6	4	33.8	19	11.5	10		10
RP72P1804	4	G1/8	5.5	36.3	19	11.5	14		10
RP72P1404	4	G1/4	7.5	38.3	19	11.5	17		10
RP72PM506	6	M5	3.5	35	19.2	13.5	12		10
RP72PM606	6	M6	4	35.5	19.2	13.5	12		10
RP72P1806	6	G1/8	5.5	37.7	19.2	13.5	14		10
RP72P1406	6	G1/4	7.5	40.2	19.2	13.5	17		10
RP72P3806	6	G3/8	7.5	41.7	19.2	13.5	20		10
RP72P1206	6	G1/2	10	45.7	19.2	13.5	24		10
RP72P1808	8	G1/8	5.5	42.3	22.5	15	14		10
RP72P1408	8	G1/4	7.5	44.3	22.5	15	17		10
RP72P3808	8	G3/8	7.5	46	22.5	15	20		10
RP72P1208	8	G1/2	10	48.3	22.5	15	24		10
RP72P1810	10	G1/8	5.5	53.8	27.8	19	17		10
RP72P1410	10	G1/4	7.5	54.3	27.8	19	17		10
RP72P3810	10	G3/8	7.5	54.3	27.8	19	20		10
RP72P1210	10	G1/2	10	57.8	27.8	19	24		10
RP72P1812	12	G1/8	5.5	56.5	29.5	21.5	21		10
RP72P1412	12	G1/4	7.5	59	29.5	21.5	21		10
RP72P3812	12	G3/8	7.5	59.5	29.5	21.5	21		10
RP72P1212	12	G1/2	10	62.5	29.5	21.5	24		10



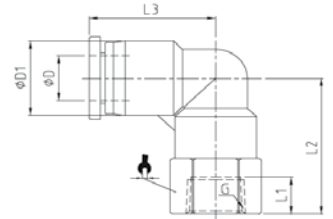
## RP 72F



### Gomito femmina girevole cilindrico BSPP-metrico

Elbow female (rotating body) parallel BSPP-metric  
Winkelverschraubung Innengewinde, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	ØD1			
RP72FM504	4	M5	5.5	19.5	19	11.5	10		10
RP72FM604	4	M6	6	20	19	11.5	10		10
RP72F1804	4	G1/8	8.5	23.3	19	11.5	14		10
RP72F1404	4	G1/4	11	25.8	19	11.5	17		10
RP72FM506	6	M5	5.5	19.2	19.2	13.5	12		10
RP72FM606	6	M6	6	19.7	19.2	13.5	12		10
RP72F1806	6	G1/8	8.5	22.7	19.2	13.5	14		10
RP72F1406	6	G1/4	11	25.7	19.2	13.5	17		10
RP72F3806	6	G3/8	12	27.2	19.2	13.5	21		10
RP72F1808	8	G1/8	8.5	25	22.5	15	14		10
RP72F1408	8	G1/4	11	28.5	22.5	15	17		10
RP72F3808	8	G3/8	12	30	22.5	15	21		10
RP72F1208	8	G1/2	14	34	22.5	15	24		10
RP72F1810	10	G1/8	8.5	27	27.8	19	17		10
RP72F1410	10	G1/4	11	32.3	27.8	19	17		10
RP72F3810	10	G3/8	12	33.8	27.8	19	21		10
RP72F1210	10	G1/2	14	36.8	27.8	19	24		10
RP72F1412	12	G1/4	11	34.5	29.5	21.5	21		10
RP72F3812	12	G3/8	12	35.5	29.5	21.5	21		10
RP72F1212	12	G1/2	14	38	29.5	21.5	24		10



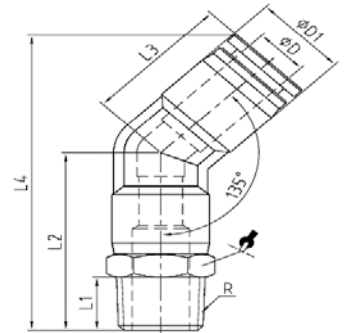
## RP 45K



### Gomito maschio 45° girevole conico BSPT

Elbow male 45° (rotating body) taper BSPT  
Winkelverschraubung 45° Drehbar konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3	L4	ØD1		
RP45K1806	6	R1/8	7.5	25.5	19.2	43.5	13.3	12	10
RP45K1406	6	R1/4	9.5	28	19.2	46	13.3	14	10
RP45K3806	6	R3/8	10.5	29.5	19.2	47.5	13.3	17	10
RP45K1808	8	R1/8	7.5	29.5	22.5	50	14.8	14	10
RP45K1408	8	R1/4	9.5	31.5	22.5	52	14.8	14	10
RP45K3808	8	R3/8	10.5	33	22.5	53.5	14.8	17	10
RP45K1208	8	R1/2	13.5	36.5	22.5	57	14.8	21	10



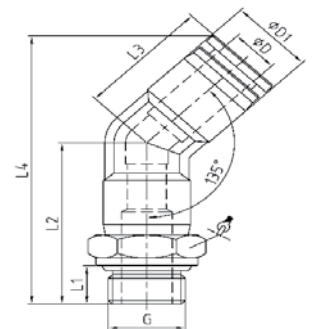
## RP 45



### Gomito maschio 45° girevole cilindrico BSPP-metrico

Elbow male 45° (rotating body) parallel BSPP-metric  
Winkelverschraubung 45° Drehbar zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4	ØD1		
RP45M506	6	M5	3.5	22.5	19.2	40.5	13.3	12	10
RP45M606	6	M6	4	23.5	19.2	41.5	13.3	12	10
RP451806	6	G1/8	5.5	25.5	19.2	43.5	13.3	14	10
RP451406	6	G1/4	7.5	28	19.2	46	13.3	17	10
RP453806	6	G3/8	7.5	28.5	19.2	46.5	13.3	20	10
RP451808	8	G1/8	5.5	29	22.5	49.5	14.8	14	10
RP451408	8	G1/4	7.5	31.5	22.5	52	14.8	17	10
RP453808	8	G3/8	7.5	32	22.5	52.5	14.8	20	10
RP451208	8	G1/2	10	34.5	22.5	55	14.8	24	10



## Raccordi ad innesto rapido in polimero

Plastic push-in fittings

Steckverschraubungen Kunststoff

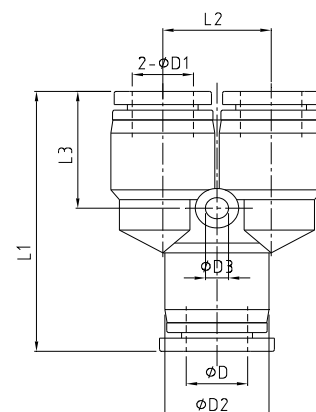
### RP 73



#### Y innestabile

Y connector  
Y-Verteiler

Codice/Code	ØD	ØD1	ØD2	ØD3	L1	L2	L3		
RP730004	4	4	11.5	3.2	36.5	11	14.5		10
RP730006	6	6	13.5	3.2	37.5	13	15		10
RP730008	8	8	15	3.2	39.8	15	18		10
RP730010	10	10	19	4.2	50	18	21		10
RP730012	12	12	21.5	4.2	53	21	21.5		10
RP730604	6	4	13.5	3.2	37.5	13	15		10
RP730804	8	4	15	3.2	39.8	15	18		10
RP730806	8	6	15	3.2	39.8	15	18		10
RP731006	10	6	19	4.2	39.8	18	21		10
RP731008	10	8	19	4.2	50	18	21		10
RP731208	12	8	21.5	4.2	53	21	21.5		10
RP731210	12	10	21.5	4.2	53	21	21.5		10



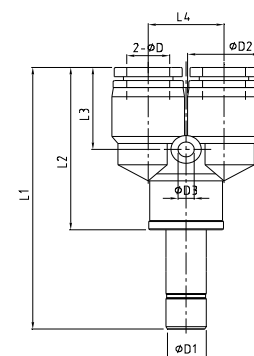
### RP 91



#### Y pari con codolo

Y with plug-in  
Y-Verteiler

Codice/Code	ØD	ØD1	ØD2	ØD3	L1	L2	L3	L4	
RP910004	4	4	11.5	3.2	52.5	33.5	14.5	11	10
RP910006	6	6	13.5	3.2	53.8	34.8	15	13	10
RP910008	8	8	15	3.2	57.8	37.3	18	15	10
RP910010	10	10	19	4.2	71	46.5	21	18	10
RP910012	12	12	21.5	4.2	75.5	49.5	21.5	21	10
RP910604	4	6	11.5	3.2	52.8	33.8	14.5	11	10
RP910806	6	8	13.5	3.2	55.5	35	15	13	10
RP911008	8	10	15	3.2	62	37.3	18	15	10
RP911210	10	12	19	4.2	72.5	46.5	21	18	10



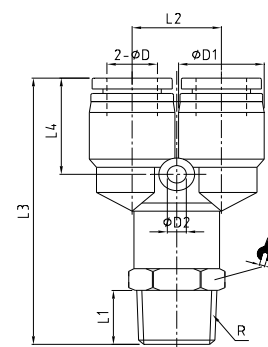
### RP 74K



#### Y maschio girevole conico BSPT

Y male (rotating body) taper BSPT  
Y-Einschraubverschraubung Drehbar konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3	L4	ØD1	ØD2		
RP74K1804	4	R1/8	7.5	11	42.5	14.5	11.5	3.2	10	10
RP74K1404	4	R1/4	9.5	11	45.5	14.5	11.5	3.2	14	10
RP74K3804	4	R3/8	10.5	11	47	14.5	11.5	3.2	17	10
RP74K1806	6	R1/8	7.5	13	44	15	13.5	3.2	12	10
RP74K1406	6	R1/4	9.5	13	46.5	15	13.5	3.2	14	10
RP74K3806	6	R3/8	10.5	13	48	15	13.5	3.2	17	10
RP74K1206	6	R1/2	13.5	13	51	15	13.5	3.2	21	10
RP74K1808	8	R1/8	7.5	15	46.5	18	15	3.2	14	10
RP74K1408	8	R1/4	9.5	15	48.5	18	15	3.2	14	10
RP74K3808	8	R3/8	10.5	15	50	18	15	3.2	17	10
RP74K1208	8	R1/2	13.5	15	53.5	18	15	3.2	21	10
RP74K1810	10	R1/8	7.5	18	56.5	21	19	4.2	17	10
RP74K1410	10	R1/4	9.5	18	58.5	21	19	4.2	17	10
RP74K3810	10	R3/8	10.5	18	59.5	21	19	4.2	17	10
RP74K1210	10	R1/2	13.5	18	63	21	19	4.2	21	10
RP74K1812	12	R1/8	7.5	21	59.5	21.5	21.5	4.2	21	10
RP74K1412	12	R1/4	9.5	21	62	21.5	21.5	4.2	21	10
RP74K3812	12	R3/8	10.5	21	63	21.5	21.5	4.2	21	10
RP74K1212	12	R1/2	13.5	21	66	21.5	21.5	4.2	21	10



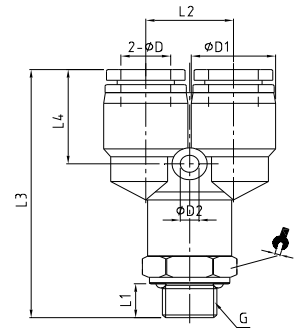
## RP 74



### Y maschio girevole cilindrico BSPP-metrico

Y male (rotating body) parallel BSPP-metric  
Y Einschraubverschraubung Drehbar, zylindrisches Gewinde

Code/Code	ØD	G"	L1	L2	L3	L4	ØD1	ØD2	🔧	📦
RP74M504	4	M5	3.5	11	40	14.5	11.5	3.2	10	10
RP74M604	4	M6	4	11	40.5	14.5	11.5	3.2	10	10
RP741804	4	G1/8	5.5	11	43	14.5	11.5	3.2	14	10
RP741404	4	G1/4	7.5	11	45.5	14.5	11.5	3.2	17	10
RP743804	4	G3/8	7.5	11	46	14.5	11.5	3.2	20	10
RP74M506	6	M5	3.5	13	41.5	15	13.5	3.2	12	10
RP74M606	6	M6	4	13	42	15	13.5	3.2	12	10
RP741806	6	G1/8	5.5	13	44	15	13.5	3.2	14	10
RP741406	6	G1/4	7.5	13	46.5	15	13.5	3.2	17	10
RP743806	6	G3/8	7.5	13	47	15	13.5	3.2	20	10
RP741206	6	G1/2	10	13	49.5	15	13.5	3.2	24	10
RP741808	8	G1/8	5.5	15	46.3	18	15	3.2	14	10
RP741408	8	G1/4	7.5	15	48.8	18	15	3.2	17	10
RP743808	8	G3/8	7.5	15	49.3	18	15	3.2	20	10
RP741208	8	G1/2	10	15	51.8	18	15	3.2	24	10
RP741810	10	G1/8	5.5	18	56	21	19	4.2	17	10
RP741410	10	G1/4	7.5	18	58.5	21	19	4.2	17	10
RP743810	10	G3/8	7.5	18	58.5	21	19	4.2	20	10
RP741210	10	G1/2	10	18	62	21	19	4.2	24	10
RP741812	12	G1/8	5.5	21	59.5	21.5	21.5	4.2	21	10
RP741412	12	G1/4	7.5	21	62	21.5	21.5	4.2	21	10
RP743812	12	G3/8	7.5	21	62	21.5	21.5	4.2	21	10
RP741212	12	G1/2	10	21	65	21.5	21.5	4.2	24	10



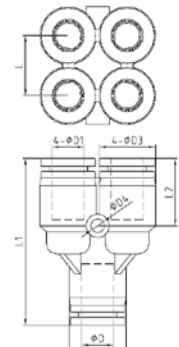
## RP 75



### Doppio Y riduzione

Double Y reducer  
Y 4 Ausgänge reduzierte Verteiler

Code/Code	ØD	ØD1	ØD2	ØD3	ØD4	L	L1	L2	📦
RP750604	6	4	13.3	11.3	3.2	11	36.5	15	10
RP750806	8	6	14.8	13.3	3.2	13	40	15.5	10



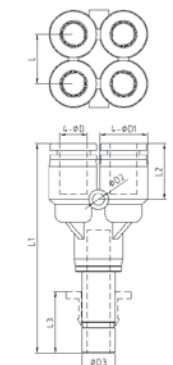
## RP 76



### Doppio Y riduzione con codolo

Double Y reducer with plug-in  
Y 4 Ausgänge Verteiler mit innenkonus

Code/Code	ØD3	ØD	ØD1	ØD2	L	L1	L2	L3	📦
PXJ06-04	6	4	11.3	3.2	11	53	15	13	10
PXJ08-06	8	6	13.3	3.2	13	58	15.5	14	10
PXJ10-08	10	8	14.8	3.2	15	63	16.5	18	10



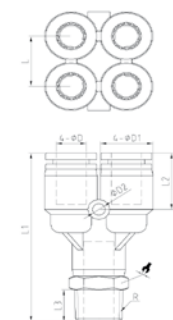
## RP 77K



### Doppio Y maschio girevole conico BSPT

Double Y male (rotating body) taper BSPT  
Y 4 Ausgänge Einschraubverschraubung Drehbar konisches Gewinde

Code/Code	ØD	R"	L3	ØD1	ØD2	L	L1	L2	🔧	📦
RP77K1804	4	R1/8	7.5	11.3	3.2	11	43	15	12	10
RP77K1806	6	R1/8	7.5	13.3	3.2	13	47	15.5	14	10
RP77K1406	6	R1/4	9.5	13.3	3.2	13	49	15.5	14	10
RP77K1808	8	R1/8	7.5	14.8	3.2	15	48	16.5	14	10
RP77K1408	8	R1/4	9.5	14.8	3.2	15	50	16.5	14	10
RP77K3808	8	R3/8	10.5	14.8	3.2	15	51.5	16.5	17	10





## Raccordi ad innesto rapido in polimero

Plastic push-in fittings

Steckverschraubungen Kunststoff

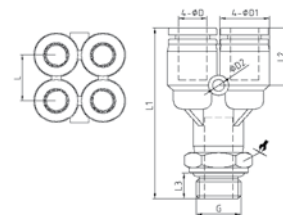
### RP 77



#### Doppio Y maschio girevole cilindrico BSPP-metrico

Double Y male (rotating body) parallel BSPP-metric  
Y 4 Einschraubverschraubung Drehbar zylindrisches Gewinde

Codice/Code	ØD	G"	L3	ØD1	ØD2	L	L1	L2	🔧	🗑️
RP771804	4	G1/8	5.5	11.3	3.2	11	43	15	14	10
RP771806	6	G1/8	5.5	13.3	3.2	13	46.5	15.5	14	10
RP771406	6	G1/4	7.5	13.3	3.2	13	49	15.5	17	10
RP771808	8	G1/8	5.5	14.8	3.2	15	47.5	16.5	14	10
RP771408	8	G1/4	7.5	14.8	3.2	15	50	16.5	17	10
RP773808	8	G3/8	7.5	14.8	3.2	15	50.5	16.5	20	10



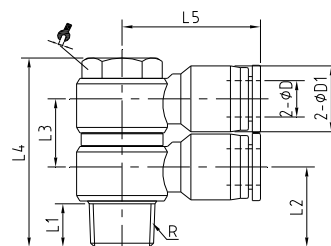
### RP 83K



#### Doppio L maschio girevole conico BSPT

Double L male (rotating body) taper BSPT  
Winkelschraubverschraubung 2-Fach Drehbar, konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3	L4	L5	ØD1	🔧	🗑️
RP83K1804	4	R1/8	7.5	14	15	38	23.5	11.5	12	10
RP83K1806	6	R1/8	7.5	14	15	38	23.5	13.5	12	10
RP83K1406	6	R1/4	9.5	16.5	15	41.5	25.4	13.5	14	10
RP83K3806	6	R3/8	10.5	18.5	15.7	49.5	29.5	13.5	19	10
RP83K1808	8	R1/8	7.5	14.5	15	38	26.5	15	12	10
RP83K1408	8	R1/4	9.5	17.5	15	41.5	29	15	14	10
RP83K3808	8	R3/8	10.5	18.5	15.7	49.5	30	15	19	10
RP83K1208	8	R1/2	13.5	25.5	21.5	60	32.5	15	24	10
RP83K1810	10	R1/8	7.5	18	19	44	30.5	19	12	10
RP83K1410	10	R1/4	9.5	18.5	21.5	44.8	32.5	19	14	10
RP83K3810	10	R3/8	10.5	20.5	21.5	53	33	19	19	10
RP83K1210	10	R1/2	13.5	25.5	21.5	60	36	19	24	10
RP83K1412	12	R1/4	9.5	18.5	21.5	44.8	33.5	21.5	14	10
RP83K3812	12	R3/8	10.5	22	21.5	53	35.5	21.5	19	10
RP83K1212	12	R1/2	13.5	25.5	21.5	60	36.5	21.5	24	10



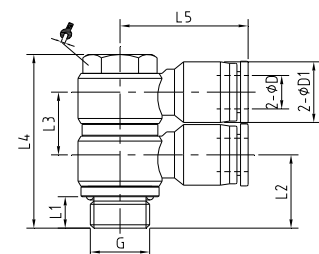
### RP 83



#### Doppio L maschio girevole cilindrico BSPP

Double L male (rotating body) parallel BSPP  
Winkelschraubverschraubung 2-Fach Drehbar, zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	L4	L5	ØD1	🔧	🗑️
RP831804	4	G1/8	5.5	14	15	38	23.5	11.5	12	10
RP831806	6	G1/8	5.5	14	15	38	23.5	13.5	12	10
RP831406	6	G1/4	7.5	17.3	15	41.5	25.4	13.5	14	10
RP833806	6	G3/8	7.5	19	15.7	49.5	29.5	13.5	19	10
RP831808	8	G1/8	5.5	15	15	38	26.5	15	12	10
RP831408	8	G1/4	7.5	18.3	15	41.5	29	15	14	10
RP833808	8	G3/8	7.5	19	15.7	49.5	30	15	19	10
RP831208	8	G1/2	10	24.5	21.5	57	32.5	15	24	10
RP831810	10	G1/8	5.5	16.8	19	42.5	30.5	19	12	10
RP831410	10	G1/4	7.5	20	21.5	44.8	32.5	19	14	10
RP833810	10	G3/8	7.5	21	21.5	53	33	19	19	10
RP831210	10	G1/2	10	25	21.5	60	36	19	24	10
RP831412	12	G1/4	7.5	21.5	21.5	44.8	33.5	21.5	14	10
RP833812	12	G3/8	7.5	22	21.5	53	35.5	21.5	19	10
RP831212	12	G1/2	10	26	21.5	60.5	36.5	21.5	24	10



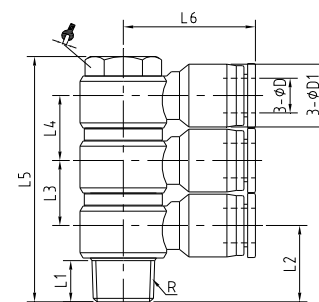
### RP 84K



#### Triplo L maschio girevole conico BSPT

Triple L male (rotating body) taper BSPT  
Winkelschraubverschraubung 3-Fach Drehbar, konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3	L4	L5	L6	ØD1	🔧	🗑️
RP84K1804	4	R1/8	7.5	14	15	15	53	23.5	11.5	12	30
RP84K1404	4	R1/4	9.5	16.5	15	15	56.5	25.5	11.5	14	20
RP84K1806	6	R1/8	7.5	14	15	15	53	23.5	13.5	12	30
RP84K1406	6	R1/4	9.5	16.5	15	15	56.5	25.4	13.5	14	20
RP84K3806	6	R3/8	10.5	18.5	15.7	15.7	65.3	29.5	13.5	19	15
RP84K1808	8	R1/8	7.5	14.5	15	15	53	26.5	15	12	30
RP84K1408	8	R1/4	9.5	17.5	15	15	56.5	29	15	14	20
RP84K3808	8	R3/8	10.5	18.5	15.7	15.7	65.3	30	15	19	15
RP84K1208	8	R1/2	13.5	25.5	21.5	21.5	81.5	32.5	15	24	10
RP84K1810	10	R1/8	7.5	18	19	19	63	30.5	19	12	15
RP84K1410	10	R1/4	9.5	18.5	21.5	21.5	69.5	32.5	19	14	15
RP84K3810	10	R3/8	10.5	20.5	21.5	21.5	78	33	19	19	15
RP84K1210	10	R1/2	13.5	25.5	21.5	21.5	81.5	36	19	24	10
RP84K1412	12	R1/4	9.5	18.5	21.5	21.5	69.5	33.5	21.5	14	10
RP84K3812	12	R3/8	10.5	22	21.5	21.5	78	35.5	21.5	19	10
RP84K1212	12	R1/2	13.5	30	21.5	21.5	81.5	36.5	21.5	24	10

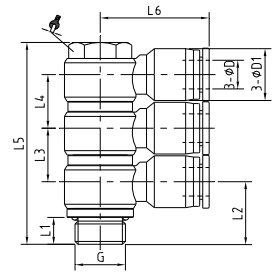


**RP 84**



**Tripla L maschio girevole cilindrico BSPP**

Triple L male (rotating body) parallel BSPP  
Winkelverschraubung 3-Fach  
Drehbar zylindrisches Gewinde



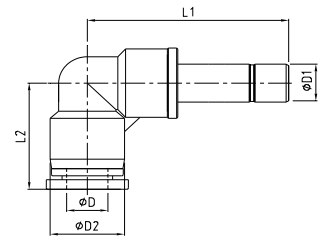
Codice/Code	ØD	G"	L1	L2	L3	L4	L5	L6	ØD1	↻	■
RP841804	4	G1/8	5.5	14	15	15	53	23.5	11.5	12	10
RP841404	4	G1/4	7.5	17.3	15	15	56.3	25.5	11.5	14	10
RP841806	6	G1/8	5.5	14	15	15	53	23.5	13.5	12	10
RP841406	6	G1/4	7.5	17.3	15	15	56.3	25.4	13.5	14	10
RP843806	6	G3/8	7.5	19	15.7	15.7	64.4	29.5	13.5	19	10
RP841808	8	G1/8	5.5	15	15	15	53	26.5	15	12	10
RP841408	8	G1/4	7.5	18.3	15	15	56.3	29	15	14	10
RP843808	8	G3/8	7.5	19	15.7	15.7	64.4	30	15	19	10
RP841208	8	G1/2	10	24.5	21.5	21.5	82	32.5	15	24	10
RP841810	10	G1/8	5.5	16.8	19	19	61.5	30.3	19	12	10
RP841410	10	G1/4	7.5	20	21.5	21.5	69.3	32.5	19	14	10
RP843810	10	G3/8	7.5	21	21.2	21.2	75.4	33	19	19	10
RP841210	10	G1/2	10	25	21.5	21.5	82	36	19	24	10
RP841412	12	G1/4	7.5	21.5	21.5	21.5	69.3	33.5	21.5	14	10
RP843812	12	G3/8	7.5	22	21.2	21.2	75.4	35.5	21.5	19	10
RP841212	12	G1/2	10	26	21.5	21.5	82	36.5	21.5	24	10

**RP 85**



**L intermedio con codolo**

L intermediate with plug-in  
Winkelanschluss



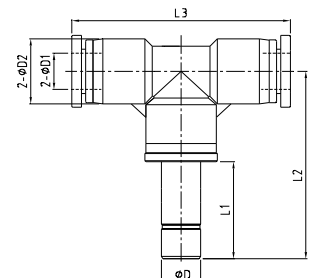
Codice/Code	ØD	ØD1	ØD2	L1	L2		■
RP850004	4	4	11.5	33.7	19		10
RP850006	6	6	13.5	34	19.2		10
RP850008	8	8	15	38.5	22.5		10
RP850010	10	10	19	46.8	27.8		10
RP850012	12	12	21.5	49.5	29.5		10
RP850604	4	6	11.5	34	19		10
RP850806	6	8	13.5	35.7	19.2		10
RP851008	8	10	15	42.5	22.5		10
RP851210	10	12	19	48.3	27.8		10

**RP 86**



**T intermedio con codolo centrale**

T intermediate with central plug-in  
T Verteiler



Codice/Code	ØD	ØD1	ØD2	L1	L2	L3	■
RP860004	4	4	11.5	19	35	38	10
RP860006	6	6	13.5	19	35.8	39	10
RP860008	8	8	15	20.5	40.5	45	10
RP860010	10	10	19	24.5	49.5	57	10
RP860012	12	12	21.5	26	52	59	10
RP860604	6	4	11.5	19	35.3	38	10
RP860806	8	6	13.5	20.5	37.5	39	10
RP861008	10	8	15	24.5	43.5	45	10
RP861210	12	10	19	26	51	57	10

## Raccordi ad innesto rapido in polimero

Plastic push-in fittings

Steckverschraubungen Kunststoff

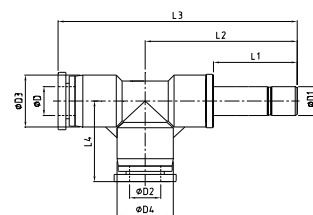
### RP 87



#### T intermedio con codolo laterale

T intermediate with lateral plug-in  
L Verteiler

Codice/Code	ØD	ØD1	ØD2	ØD3	ØD4	L1	L2	L3	L4	
RP870004	4	4	4	11.5	11.5	19	35	54	19	10
RP870006	6	6	6	13.5	13.5	19	35.8	55	19.2	10
RP870008	8	8	8	15	15	20.5	40.5	63	22.5	10
RP870010	10	10	10	19	19	24.5	49.5	77.3	27.8	10
RP870012	12	12	12	21.5	21.5	26	52	81.5	29.5	10
RP870604	6	6	4	13.5	13.5	19	35.8	55	19.2	10
RP870806	8	8	6	15	15	20.5	40.5	63	22.5	10
RP871008	10	10	8	19	19	24.5	49.5	77.3	27.8	10
RP871210	12	12	10	21.5	21.5	26	52	81.5	29.5	10



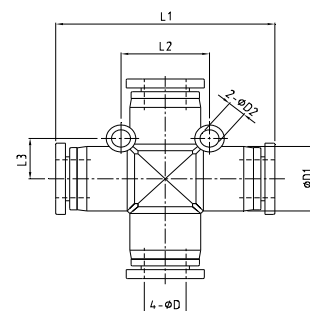
### RP 88



#### Croce intermedio

Cross intermediate  
Kreuzverteiler

Codice/Code	ØD	ØD1	ØD2	L1	L2	L3				
RP880004	4	11.5	3.2	38	14	7				10
RP880006	6	13.5	3.2	39	16	8				10
RP880008	8	15	3.2	45	18	9				10
RP880010	10	19	4.2	57	24	12				10
RP880012	12	21.5	4.3	59	27	13.5				10



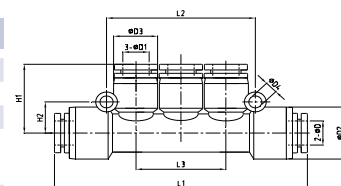
### RP 89



#### T multiplo

Multi T  
T Mehrfachverteiler

Codice/Code	ØD	ØD1	ØD2	ØD3	ØD4	L1	L2	L3	H1	H2	
RP890404	4	4	14.5	13	3.2	57	36	22	19	8	10
RP890606	6	6	14.5	13	3.2	58	36	22	19.5	8	10
RP890808	8	8	19	14.5	4.2	84	61	29	24.5	11.5	10
RP891010	10	10	19	14.5	4.2	87	61	29	26	11.5	10
RP890604	6	4	14.5	13	3.2	58	36	22	19	8	10
RP890804	8	4	18.4	14.5	3.2	62	42	26	20.5	9	10
RP890806	8	6	18.4	14.5	3.2	81	48	29	24.5	9	10
RP891006	10	6	19	14.5	4.2	87	61	29	24.5	11.5	10
RP891008	10	8	19	14.5	4.2	87	61	29	24.5	11.5	10

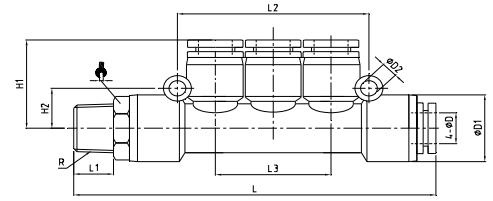


### RP 90K



#### T maschio multiplo conico BSPT

Multi T male taper BSPT  
T-Mehrfachverteiler mit konisches Gewindeischem Gewinde



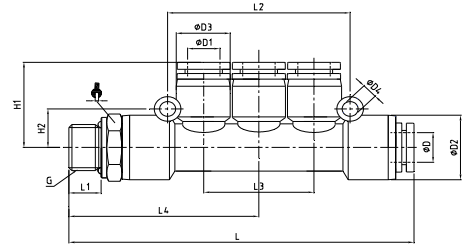
Codice/Code	ØD	R"	L1	L	L2	L3	ØD1	ØD2	H1	H2	🔧	📦
RP90K1804	4	R1/8	7.5	68.5	42	22	13	3.2	19	9	10	10
RP90K1806	6	R1/8	7.5	70	42	26	14.5	3.2	20.5	9	12	10
RP90K1406	6	R1/4	9.5	72	42	26	14.5	3.2	20.5	9	14	10
RP90K1808	8	R1/8	7.5	89	48	29	18.4	3.2	24	11	14	10
RP90K1408	8	R1/4	9.5	91	48	29	18.4	3.2	24	11	14	10
RP90K3808	8	R3/8	10.5	92.5	48	29	18.4	3.2	24	11	17	10
RP90K1410	10	R1/4	9.5	102	60.8	36.8	18.4	4.2	28.5	11	17	10
RP90K3810	10	R3/8	10.5	103	60.8	36.8	18.4	4.2	28.5	11	17	10

### RP 90



#### T maschio multiplo cilindrico BSPP

Multi t male parallel BSPP  
T Mehrfachverteiler mit zylindrisches Gewindeischem Gewinde



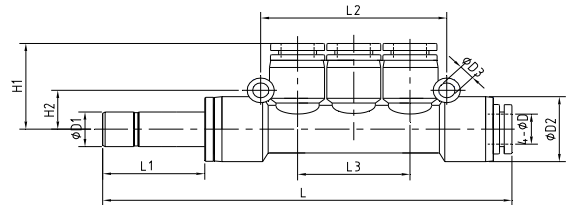
Codice/Code	ØD	G"	ØD1	ØD2	ØD3	ØD4	H1	H2	L	L1	L2	L3	L4	🔧	📦
RP901804	4	G1/8	4	14.5	13	3.2	19	9	68	5.5	42	26	37.5	14	10
RP901806	6	G1/8	6	14.5	13	3.2	20.5	9	68	5.5	42	26	37.5	14	10
RP901406	6	G1/4	6	14.5	13	3.2	20.5	9	70	7.5	42	26	40	17	10
RP901808	8	G1/8	8	18.4	14.5	3.2	24	11	87	5.5	48	29	47	14	10
RP901408	8	G1/4	8	18.4	14.5	3.2	24	11	89	7.5	48	29	49.5	17	10
RP903808	8	G3/8	8	18.4	14.5	3.2	24	11	89.5	7.5	48	29	50	20	10
RP901410	10	G1/4	10	18.4	18.4	4.2	27.5	12	98	7.5	60.8	37	53	17	10
RP903810	10	G3/8	10	18.4	18.4	4.2	27.5	12	98.5	7.5	60.8	37	53.5	20	10

### RP 92



#### T multiplo con codolo

Multi T with plug-in  
T Mehrfachverteiler



Codice/Code	ØD	ØD1	L	L1	L2	L3	H1	H2	ØD2	ØD3	📦
RP920004	4	4	75	19	42	22	19	9	13.5	3.2	30
RP920006	6	6	79	19	42	26	20.5	9	15	3.2	20
RP920008	8	8	99	20.5	48	29	24	11	19	3.2	15
RP920010	10	10	114.5	24.5	60.8	36.8	28.5	11	18.4	3.2	10
RP920604	4	6	75	19	36	22	19	8	13.5	3.2	20
RP920804	4	8	76.5	20.5	36	22	19	8	13.5	3.2	15
RP920806	6	8	80.5	20.5	42	26	20.5	9	15	3.2	15
RP921006	6	10	103.5	24.5	61	29	24	11	19	4.2	10
RP921008	8	10	103.5	24.5	61	29	24	11	19	4.2	10



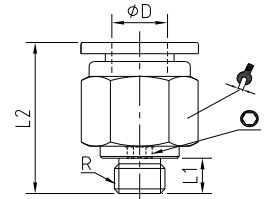
### RP 51K-C



#### Diritto compatto maschio conico BSPT-metrico

Mini male straight taper BSPT-metric  
Gerade Einschraubverschraubung konisches Gewinde "MINI"

Codice/Code	ØD	R"	L1	L2	○	⚡			
RP51M303C	3	M3X0.5	3.5	15		8			10
RP51M503C	3	M5X0.8	3.5	16	2	8			10
RP51K1803C	3	R1/8	7.5	15	2	10			10
RP51M304C	4	M3X0.5	3.5	17.5		8			10
RP51M504C	4	M5X0.8	3.5	18.5	2	8			10
RP51M604C	4	M6X1.0	4	19	2	10			10
RP51K1804C	4	R1/8	7.5	16	3	10			10
RP51K1404C	4	R1/4	9.5	18	3	14			10
RP51M506C	6	M5X0.8	3.5	18	2	10			10
RP51M606C	6	M6X1.0	4	18.5	2	10			10
RP51K1806C	6	R1/8	7.5	18.5	4	10			10



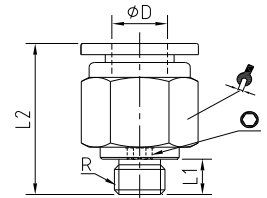
### RP 51-C



#### Diritto compatto maschio cilindrico BSP

Mini male straight parallel BSP  
Gerade Einschraubverschraubung zylindrisches Gewinde "MINI"

Codice/Code	ØD	R"	L1	L2	○	⚡			
RP511804C	4	G1/8	5.5	15.2	3	14			10
RP511404C	4	G1/4	7.5	17.2	3	17			10
RP511806C	6	G1/8	5	17.2	4	13			10
RP511406C	6	G1/4	7.5	18.5	4	17			10



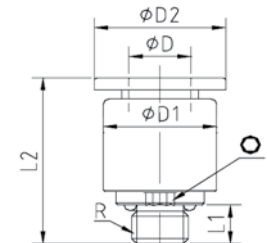
### RP 51T-C



#### Diritto compatto tondo maschio conico BSPT-metrico

Mini round male straight taper BSPT-metric  
Rund Gerade Einschraubverschraubung konisches Gewinde "MINI"

Codice/Code	ØD	R"	L1	L2	ØD1	○	ØD2		
RP51TM303C	3	M3X0.5	3.5	15	6.5		7.5		10
RP51TM503C	3	M5X0.8	3.5	16	8	2	7.5		10
RP51TM304C	4	M3X0.5	3.5	17.5	8		10		10
RP51TM504C	4	M5X0.8	3.5	18	8	2	10		10
RP51TM604C	4	M6X1.0	4	18.5	8	2	10		10
RP51TK1804C	4	R1/8	7.5	15.5	10	3	10		10
RP51TM506C	6	M5X0.8	3.5	18	10	2	11.5		10
RP51TM606C	6	M6X1.0	4	18.5	10	2	11.5		10
RP51TK1806C	6	R1/8	7.5	18.5	10	4	11.5		10



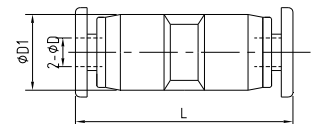
### RP 53-C



#### Diritto intermedio compatto

Mini straight intermediate  
Gerader Verbinder "MINI"

Codice/Code	ØD	ØD1	L						
RP530003C	3	7.5	21						10
RP530004C	4	9.5	26.5						10
RP530006C	6	11.5	27.5						10





## Raccordi ad innesto rapido in polimero serie mini

Compact plastic push-in fittings mini serie

Steckverschraubungen Kunststoff Serie mini

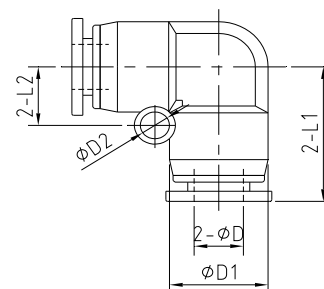
### RP 54-C



#### L intermedio compatto

Mini elbow intermediale  
Winkelverbinder "MINI"

Codice/Code	ØD	ØD1	ØD2	L1	L2				
RP540003C	3	7.5	3.2	12	4.8				10
RP540004C	4	9.5	3.2	14.5	6				10
RP540006C	6	11.5	3.2	16	6.5				10



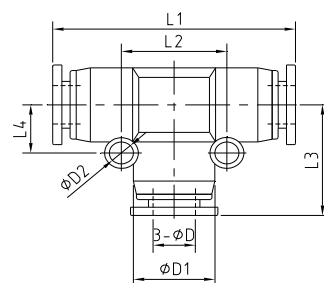
### RP 55-C



#### T intermedio compatto

Mini T intermediale  
T Verbinder "MINI"

Codice/Code	ØD	ØD1	ØD2	L1	L2	L3	L4		
RP550003C	3	7.5	3.2	23.5	9.6	11.8	4.8		10
RP550004C	4	9.5	3.2	29	12	14.5	6		10
RP550006C	6	11.5	3.2	32	13	16	6.5		10



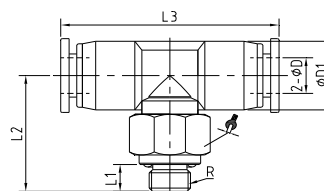
### RP 70-C



#### T al centro compatto girevole conico BSPT-metrico

Mini central T male (rotating body) taper BSPT-metric  
T-Einschraubverschraubung Drehbar, konisches Gewinde "MINI"

Codice/Code	ØD	R"	L1	L2	L3	ØD1			
RP70M303C	3	M3X0.5	3.5	16	24	7.5	8		10
RP70M503C	3	M5X0.8	3.5	16	24	7.5	8		10
RP70K1803C	3	R1/8	7.5	16.5	24	7.5	10		10
RP70M304C	4	M3X0.5	3.5	17.2	28	9.5	8		10
RP70M504C	4	M5X0.8	3.5	17.2	28	9.5	8		10
RP70M604C	4	M6X1.0	4	17.6	28	9.5	10		10
RP70K1804C	4	R1/8	7.5	18	28	9.5	10		10
RP70M506C	6	M5X0.8	3.5	18.2	32	11.5	8		10
RP70M606C	6	M6X1.0	4	18.6	32	11.5	10		10
RP70K1806C	6	R1/8	7.5	19	32	11.5	10		10



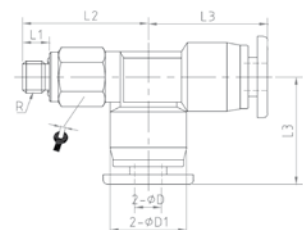
### RP 71-C



#### T laterale compatto girevole conico BSPT-metrico

Mini lateral T male (rotating body) taper BSPT-metric  
T-Verschraubung Drehbar, konisches Gewinde "MINI"

Codice/Code	ØD	R"	L1	L2	L3	ØD1			
RP71M303C	3	M3X0.5	3.5	16	12	7.5	8		10
RP71M503C	3	M5X0.8	3.5	16	12	7.5	8		10
RP71K1803C	3	R1/8	7.5	16.5	12	7.5	10		10
RP71M304C	4	M3X0.5	3.5	17.2	14	9.5	8		10
RP71M504C	4	M5X0.8	3.5	17.2	14	9.5	8		10
RP71M604C	4	M6X1.0	4	17.6	14	9.5	10		10
RP71K1804C	4	R1/8	7.5	18	14	9.5	10		10
RP71M506C	6	M5X0.8	3.5	18.2	14.5	11.5	8		10
RP71M606C	6	M6X1.0	4	18.6	14.5	11.5	10		10
RP71K1806C	6	R1/8	7.5	19	14.5	11.5	10		10



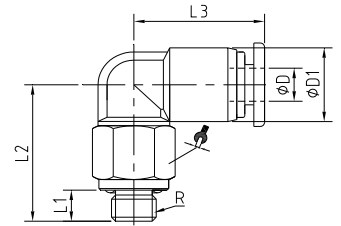
## RP 72K-C



### Gomito compatto maschio girevole conico BSPT-metrico

Mini elbow male (rotating body) taper BSPT-metric  
Winkelverschraubung Drehbar, konisches Gewinde "MINI"

Codice/Code	ØD	R"	L1	L2	L3	ØD1			
RP72M303C	3	M3X0.5	3.5	16	12	7.5	8		10
RP72M503C	3	M5X0.8	3.5	16	12	7.5	8		10
RP72K1803C	3	R1/8	7.5	16.5	12	7.5	10		10
RP72M304C	4	M3X0.5	3.5	17.2	14	9.5	8		10
RP72M504C	4	M5X0.8	3.5	17.2	14	9.5	8		10
RP72M604C	4	M6X1.0	4	17.6	14	9.5	10		10
RP72K1804C	4	R1/8	7.5	18	14	9.5	10		10
RP72M506C	6	M5X0.8	3.5	17.2	16	11.5	8		10
RP72M606C	6	M6X1.0	4	17.6	16	11.5	10		10
RP72K1806C	6	R1/8	7.5	18	16	11.5	10		10



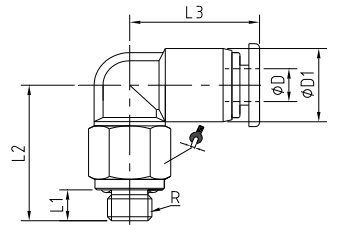
## RP 72-C



### Gomito compatto maschio girevole cilindrico BSPP

Mini elbow male (rotating body) parallel BSPP  
Winkelverschraubung Drehbar zylindrisches Gewinde "MINI"

Codice/Code	ØD	R"	L1	L2	L3	ØD1			
RP721804C	4	G1/8	5.5	16.5	14	9.5	14		10
RP721404C	4	G1/4	7.5	19.5	14	9.5	17		10
RP721806C	6	G1/8	5.5	16.5	16	11.5	14		10
RP721406C	6	G1/4	7.5	19.5	16	11.5	17		10



# Raccordi ad innesto rapido PVDF

PVDF push in fittings

Steckverschraubungen PVDF

ARTICOLI FORNIBILI SU RICHIESTA ARTICLES SUPPLIABLE ON DEMAND ARTIKELN ZUR VERFUGUNG ALS GEFRAGT

## Dati tecnici dei raccordi rapidi PVDF

PVDF push-in fittings technical data

Technischen Daten der Steckverschraubungen PVDF

### Applicazioni

Fluidi, Pneumatica, Chimico, Medicale Farmaceutico, Alimentare

### Pressione di esercizio max

10 bar (PN10) a 20°C

### Temperatura di utilizzo

-20°C ÷ +60°C

### Tubi consigliati

1) PTFE - 2) Polietilene (PE) - 3) FEP

### Tolleranze

± 0.10 mm

### Materiali

Corpo PVDF e acciaio INOX AISI 316  
Ghiera PVDF  
Colletto PVDF  
Pinza di tenuta INOX AISI 301  
O-Ring FKM (VITON®)

### Filettatura

BSPP cilindrica ISO228  
BSPT conica ISO 7  
Metrica

### Diametri e filetti

Diametri da 4 mm a 12 mm  
Filettature da M5 a 3/8"

### Applications

Fluids, Pneumatics, Chemical, Medical, Pharmaceutical Application, Food

### Max working pressure

10 bar (PN10) at 20°C

### Temperature range

-4°F ÷ +140°F

### Recommended tubes

1) PTFE - 2) Polyethylene (PE) - 3) FEP

### Tolerances

± 0.10 mm

### Materials

Body PVDF & AISI 316 steel  
Back ring PVDF  
Collet PVDF  
Lock claw Stainless steel AISI 301  
O-Ring FKM (VITON®)

### Thread types

BSPP parallel ISO228  
BSPT taper ISO 7  
Metric

### Threads and diameters

Diameters from 4 mm to 12 mm  
Threads from M5 to 3/8"

### Anwendungen

Flüssigkeiten, Pneumatische, Chemie, Medizin und Pharmazie, Lebensmittel

### Maximal Betriebsdruck

10 bar (PN10) 20°C

### Einsatztemperatur

-20°C - +60°C

### Crohempfehlungen

1) PTFE - 2) Polyethylen (PE) - 3) FEP

### Toleranzen

±0.10 mm

### Werkstoffen

Körper PVDF und Edelstahl AISI 316  
Stopfen PVDF  
Hals PVDF  
Bremsattel Edelstahl AISI 301  
O-Ringe FKM (VITON®)

### Gewinde

BSPP zylindrisch ISO228  
BSPT konisch ISO 7  
Metrisch

### Durchmesser und Gewinde

Durchmesser von 4 mm bis 12 mm  
Gewinde von M5 bis 3/8"

ARTICOLI FORNIBILI SU RICHIESTA ARTICLES SUPPLIABLE ON DEMAND ARTIKELN ZUR VERFUGUNG ALS GEFRAGT

### PF 51K

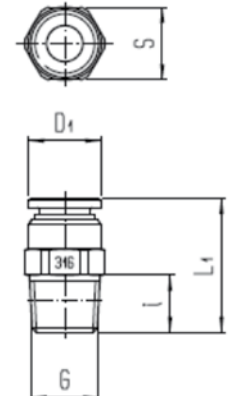


#### Diritto maschio conico BSPT

Male straight taper BSPT

Gerade Einschraubverschraubung konisches Gewinde

Codice/Code	ØTUBO	G"	i	L1	D1	S		
PF51K1804	4	R1/8	7.5	20.5	10	10		1
PF51K1806	6	R1/8	7.5	21.5	12	12		1
PF51K1406	6	R1/4	11	24.5	12	14		1
PF51K1808	8	R1/8	7.5	27	14	14		1
PF51K1408	8	R1/4	11	26.5	14	14		1
PF51K3808	8	R3/8	11.5	24.5	14	17		1
PF51K1410	10	R1/4	11	32.5	16.5	17		1
PF51K3810	10	R3/8	11.5	28	16.5	17		1
PF51K1210	10	R1/2	14	26.5	16.5	22		1
PF51K3812	12	R3/8	11.5	28	20	17		1
PF51K1212	12	R1/2	14	31.5	20	22		1



### PF 51

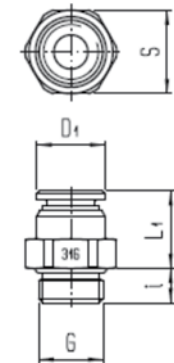


#### Diritto maschio cilindrico BSPP-metrico

Male straight parallel BSPP-metric

Gerade Einschraubverschraubung zylindrisches Gewinde

Codice/Code	ØTUBO	G"	i	L1	D1	S		
PF51M504	4	M5	3.5	16.5	8	8		1
PF511804	4	G1/8	5	14	10	13		1
PF51M506	6	M5	3.5	17.5	10	10		1
PF511806	6	G1/8	5	15	12	13		1
PF511406	6	G1/4	7	14.5	12	17		1
PF511808	8	G1/8	5	20	14	14		1
PF511408	8	G1/4	7	16	14	17		1
PF513808	8	G3/8	8	16	14	19		1
PF511410	10	G1/4	7	22.5	16.5	17		1
PF513810	10	G3/8	8	17.5	16.5	19		1
PF511210	10	G1/2	9	15.5	16.5	24		1
PF511412	12	G1/4	7	25	20	22		1
PF513812	12	G3/8	8	19.5	20	22		1



### PF 53

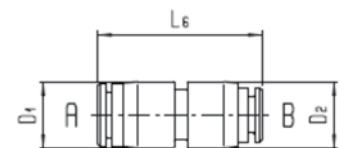


#### Diritto intermedio

Straight intermediate

Reduzier Gerade Verbinder

Codice/Code	A (tubo)	B (tubo)	L6	D1	D2			
PF530004	4	4	30	10.5	10.5			1
PF530604	6	4	32	12.5	12.5			1
PF530006	6	6	32.5	12.5	12.5			1
PF530806	8	6	36	14.5	14.5			1
PF530008	8	8	36	14.5	14.5			1
PF531008	10	8	40.5	17	17			1
PF530010	10	10	41	17	17			1
PF531210	12	10	45	21	21			1
PF530012	12	12	45	21	21			1



### PF 54

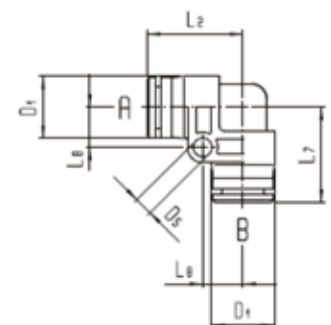


#### L intermedio

L intermediate

Winkelverbinder

Codice/Code	A (tubo)	B (tubo)	L2	L7	L8	D1	D2	D5	
PF540004	4	4	18.5	18.5	8.3	12.5	12.5	4.3	1
PF540604	6	4	19	18.5	8.3	12.5	12.5	4.3	1
PF540006	6	6	19	19	8.3	12.5	12.5	4.3	1
PF540806	8	6	22	21.5	9.3	14.5	14.5	4.3	1
PF540008	8	8	22	22	9.3	14.5	14.5	4.3	1
PF541006	10	6	26	25	12	17	17	4.3	1
PF541008	10	8	26	25.5	12	17	17	4.3	1
PF540010	10	10	26	26	12	17	17	4.3	1
PF540012	12	12	31	31	12	23	23	4.3	1



# PF

## Raccordi ad innesto rapido PVDF

PVDF push in fittings

Steckverschraubungen PVDF

ARTICOLI FORNIBILI SU RICHIESTA ARTICLES SUPPLIABLE ON DEMAND ARTIKELN ZUR VERFUGUNG ALS GEFRAGT

### PF 55

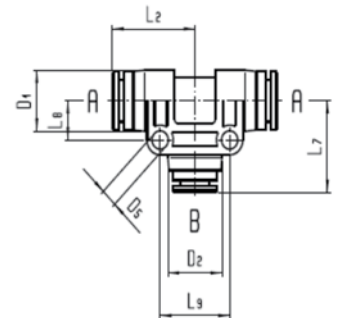


**T intermedio**

T intermediae

T Verbinder

Codice/Code	A (tubo)	B (tubo)	L2	L7	L8	L9	D1	D2	D5	
PF550004	4	4	18.5	18.5	8.3	16.5	12.5	12.5	4.3	1
PF550604	6	4	19	18.5	8.3	16.5	12.5	12.5	4.3	1
PF550006	6	6	19	19	8.3	16.5	12.5	12.5	4.3	1
PF550806	8	6	22	21.5	9.3	18.5	14.5	14.5	4.3	1
PF550008	8	8	22	22	9.3	18.5	14.5	14.5	4.3	1
PF551006	10	6	26	25	12	24	17	17	4.3	1
PF551008	10	8	26	25.5	12	24	17	17	4.3	1
PF550010	10	10	26	26	12	24	17	17	4.3	1
PF550012	12	12	31	31	12	24	23	23	4.3	1



### PF 56

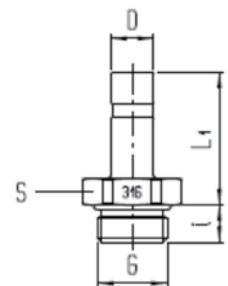


**Adattatore maschio cilindrico BSPP**

Male adaptor parallel BSPP

Gewindeanschluss-Stecker zylindrisches Gewinde

Codice/Code	Ø D	G"	i	L1	S					
PF561804	4	G1/8	5	21.5	13					1
PF561404	4	G1/4	7	22	17					1
PF561806	6	G1/8	5	22.5	13					1
PF561406	6	G1/4	7	23	17					1
PF561808	8	G1/8	5	24.5	13					1
PF561408	8	G1/4	7	25	17					1
PF561410	10	G1/4	7	29	17					1
PF563810	10	G3/8	8	29	19					1
PF563812	12	G3/8	8	31	19					1



### PF 60

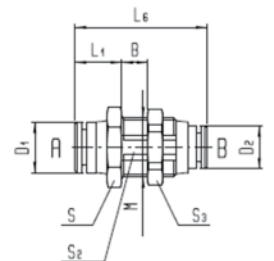


**Passalamiera**

Union bulkhead

Schottverschraubung

Codice/Code	A (tubo)	B (tubo)	M	B	L1	L6	D1	D2	S	S2	S3	
PF600004	4	4	M14x1	1-10	10.5	31.5	9.5	9.5	17	12.5	17	1
PF600604	6	4	M14x1	1-10	11	32	11.5	9.5	17	12.5	17	1
PF600006	6	6	M14x1	1-10	11	32.5	11.5	11.5	17	12.5	17	1
PF600806	8	6	M16x1	1-10	12.5	36	14	11.5	19	14.5	19	1
PF600008	8	8	M16x1	1-10	12.5	36	14	14	19	14.5	19	1
PF601008	10	8	M20x1	1-10	14	40.5	16.5	14	22	18	24	1
PF600010	10	10	M20x1	1-10	14	41	16.5	16.5	22	18	24	1



### PF 70

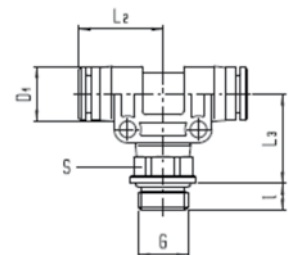


**T maschio al centro girevole cilindrico BSPP**

Central T male (rotating body) parallel BSPP

T-Schwenkverschraubung Drehbar, zylindrisches Gewinde

Codice/Code	ØTUBO	G"	i	L2	L3	D1	S	
PF701804	4	G1/8	5	18.5	19.5	12.5	13	1
PF701404	4	G1/4	7	18.5	20	12.5	17	1
PF701806	6	G1/8	5	19	19.5	12.5	13	1
PF701406	6	G1/4	7	19	20	12.5	17	1
PF701808	8	G1/8	5	22	22	14.5	14	1
PF701408	8	G1/4	7	22	22.5	14.5	17	1
PF703808	8	G3/8	8	22	22.5	14.5	19	1
PF701410	10	G1/4	7	26	25.5	17	17	1
PF703810	10	G3/8	8	26	25.5	17	19	1
PF701412	12	G1/4	7	31	30.5	23	22	1
PF703812	12	G3/8	8	31	30.5	23	22	1



ARTICOLI FORNIBILI SU RICHIESTA ARTICLES SUPPLIABLE ON DEMAND ARTIKELN ZUR VERFUGUNG ALS GEFRAGT

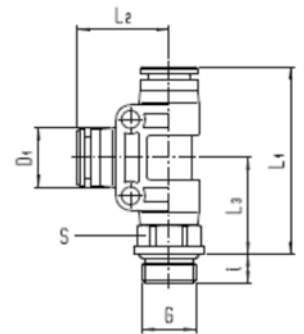
## PF 71



### T maschio laterale girevole cilindrico BSPP

Lateral T male (rotating body) parallel BSPP  
T-Verschraubung Drehbar zylindrisches Gewinde

Codice/Code	G"	ØTUBO	L1	i	L2	L3	D1	S	
PF711804	G1/8	4	38	5	18.5	19.5	12.5	13	1
PF711404	G1/4	4	38.5	7	18.5	20	12.5	17	1
PF711806	G1/8	6	38.5	5	19	19.5	12.5	13	1
PF711406	G1/4	6	39	7	19	20	12.5	17	1
PF711808	G1/8	8	44	5	22	22	14.5	14	1
PF711408	G1/4	8	44.5	7	22	22.5	14.5	17	1
PF713808	G3/8	8	44.5	8	22	22.5	14.5	19	1
PF711410	G1/4	10	51.5	7	26	25.5	17	17	1
PF713810	G3/8	10	51.5	8	26	25.5	17	19	1
PF711412	G1/4	12	61.5	7	31	30.5	23	22	1
PF713812	G3/8	12	61.5	8	31	30.5	23	22	1



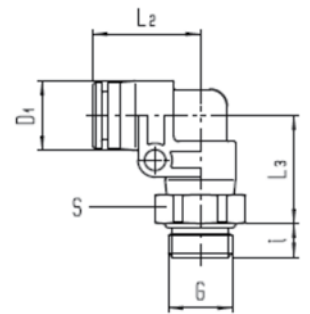
## PF 72



### Gomito maschio girevole cilindrico BSPP-metrico

Elbow male (rotating body) parallel BSPP-metric  
Winkverschraubung Drehbar zylindrisches Gewinde

Codice/Code	ØTUBO	G"	i	L2	L3	D1	S	
PF72M504	4	M5	3.5	14.5	11	10	8	1
PF721804	4	G1/8	5	18.5	19.5	12.5	13	1
PF721404	4	G1/4	7	18.5	20	12.5	17	1
PF72M506	6	M5	3.5	16.5	11	12	8	1
PF721806	6	G1/8	5	19	19.5	12.5	13	1
PF721406	6	G1/4	7	19.5	20	12.5	17	1
PF721808	8	G1/8	5	22	22	14.5	14	1
PF721408	8	G1/4	7	22	22.5	14.5	17	1
PF723808	8	G3/8	8	22	22.5	14.5	19	1
PF721410	10	G1/4	7	26	25.5	17	17	1
PF723810	10	G3/8	8	26	25.5	17	19	1
PF721412	12	G1/4	7	31	30.5	23	22	1
PF723812	12	G3/8	8	31	30.5	23	22	1



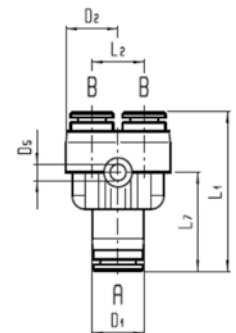
## PF 73



### Y innestabile

Y connector  
Y-Verteiler

Codice/Code	A (tubo)	B (tubo)	L1	L2	L7	D1	D2	D5	
PF730004	4	4	37	12.5	22.5	12.5	12.5	3.3	1
PF730604	6	4	37.5	12.5	23	12.5	12.5	3.3	1
PF730006	6	6	38	12.5	23	12.5	12.5	3.3	1
PF730806	8	6	43	14.5	26.5	14.5	14.5	4.3	1
PF730008	8	8	43	14.5	26.5	14.5	14.5	4.3	1
PF731008	10	8	48.5	17	31	17	17	4.3	1
PF730010	10	10	49	17	31	17	17	4.3	1
PF730012	12	12	55.5	20.5	35.5	21	21	4.3	1



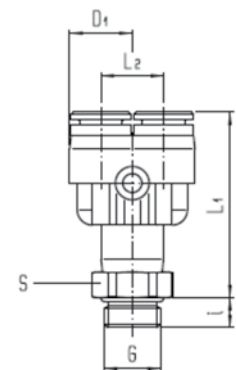
## PF 74



### Y maschio girevole cilindrico BSPP

Y male (rotating body) parallel BSPP  
Y-Einschraubverschraubung Drehbar zylindrisches Gewinde

Codice/Code	ØTUBO	G"	i	L1	L2	D1	S	
PF741804	4	G1/8	5	38	12.5	12.5	13	1
PF741404	4	G1/4	7	38.5	12.5	12.5	17	1
PF741806	6	G1/8	5	38.5	12.5	12.5	13	1
PF741406	6	G1/4	7	39	12.5	12.5	17	1
PF741808	8	G1/8	5	43	14.5	14.5	14	1
PF741408	8	G1/4	7	43.5	14.5	14.5	17	1
PF743808	8	G3/8	8	43.5	14.5	14.5	19	1
PF741410	10	G1/4	7	49	17	17	17	1
PF743810	10	G3/8	8	49	17	17	19	1
PF741412	12	G1/4	7	55	20.5	20.5	22	1
PF743812	12	G3/8	8	55	20.5	20.5	22	1





## Raccordi ad innesto rapido INOX AISI 316

INOX AISI 316 push-in fitting

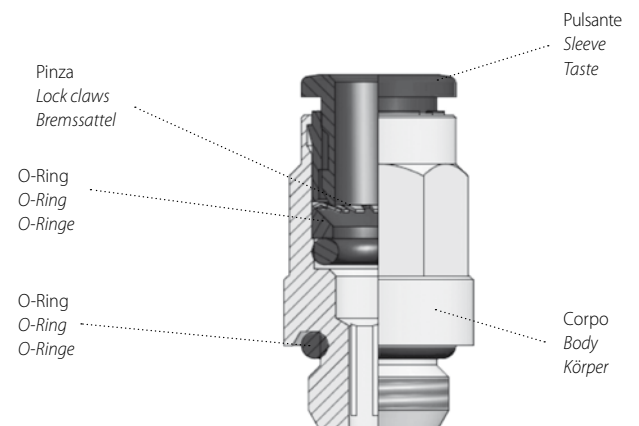
Steckverschraubungen Edelstahl AISI 316

### Dati tecnici dei raccordi rapidi INOX AISI 316

INOX AISI 316 push-in fittings technical data

Technischen Daten der Steckverschraubungen Edelstahl AISI 316

<b>Fluidi</b> Fluidi per industria alimentare e chimica, compatibili con i componenti del raccordo	<b>Fluid</b> Fluids for food and chemical industry, consistent with the fitting components	<b>Fluid</b> Flüssigkeiten für Lebensmittel- und Chemischen Industrie, im Einklang mit den passenden Komponenten
<b>Pressione di esercizio</b> Pressione (con temperatura di utilizzo 20°C) 12 Bar	<b>Working pressure</b> Pressure (with working temperature 20°C) 12 Bar	<b>Druck</b> Druck (mit einer Betriebstemperatur von 20 ° C) 12 Bar
<b>Temperatura di utilizzo</b> -20°C +120°C	<b>Temperature range</b> -20°C +120°C	<b>Einsatztemperatur</b> -20°C +120°C
<b>Tubi consigliati</b> 1) PTFE - 2) Polietilene - 3) FEP140	<b>Recommended tubes</b> 1) PTFE - 2) Polyethylene - 3) FEP140	<b>Rohrempfehlungen</b> 1) PTFE - 2) Polyethylen - 3) FEP140
<b>Tolleranze</b> ± 0.10 mm	<b>Tolerances</b> ± 0.10 mm	<b>Toleranzen</b> ±0.10 mm
<b>Materiali</b> Corpo Acciaio SUS 316L Pinza Acciaio SUS 301 Pulsante Acciaio SUS 316L O-Ring FKM (VITON®)	<b>Materials</b> Body SUS 316L steel Lock claws SUS 301 Steel Sleeve SUS 316L steel O-Ring FKM (VITON®)	<b>Werkstoffen</b> Körper Edelstahl SUS 316L Bremssattel Edelstahl SUS 301 Taste Edelstahl SUS 316L O-Ringe FKM (VITON®)
<b>Filettatura</b> BSPP cilindrica ISO228 BSPT conica ISO 7 Metrica	<b>Thread types</b> BSPP parallel ISO228 BSPT taper ISO 7 Metric	<b>Gewinde</b> BSPP zylindrisch ISO228 BSPT konische ISO 7 Metrische
<b>Diametri e filetti</b> Diametri da 4 mm a 14 mm Filettature da M5 a 1/2"	<b>Threads and diameters</b> Diameters from 4 mm to 14 mm Threads from M5 to 1/2"	<b>Durchmesser und Gewinde</b> Durchmesser von 4 mm bis 14 mm Gewinde von M5 bis 1/2"
<b>Caratteristiche principali</b> 1. Montaggio istantaneo 2. Ingombri ottimizzati 3. Utilizzo in ambienti alimentari e aggressivi	<b>Main features</b> 1. Instant connection 2. Optimized dimensions 3. Used in alimentary environments and aggressive	<b>Haupteigenschaften</b> 1. Sofortige Installation 2. Die Verwendung in Lebensmitteln oder aggressive 3. Optimierten Abmessungen



### Test di compatibilità secondo specifiche FDA effettuati per conto del costruttore

Compatibility test for 'according to specifications FDA done by tuv nord on behalf of the manufacturer

Kompatibilitätstest für nach den Vorgaben der FDA durch den TÜV Nord im Namen des Hersteller

#### Test report nr. TRHZ1208110 del 06/08/2012 durata test: 6 giorni

Descrizione	Materiale	Obiettivo del Test	Metodo Test (Ref. FDA 21CFR177.1210)	Risultato	Conclusioni
GUARNIZIONE DI TENUTA	VITON FPM FLUORORUBBER (FKM)	CONFORMITA' ALLA SPECIFICHE FDA PER DETERMINARE IL GRADO DI ESTRAZIONE DI CLOROFORMIO SOLUBILE (PPM) NELLE GUARNIZIONI DI TENUTA PER CHIUSURA DI CONTENITORI ALIMENTARI	IMMERSIONE PER 2 ORE IN ACQUA DISTILLATA A 212°F IMMERSIONE PER 2 ORE IN ALCOHOL 8% A 212°F IMMERSIONE PER 2 ORE IN EPTANO NORMALE (N-EPTANO) A 150°F	VALORE LIMITE: 50,0 VALORE RILEVATO: 13,0 VALORE LIMITE: 50,0 VALORE RILEVATO: 7,0 VALORE LIMITE: 50,0 VALORE RILEVATO: 11,5	I CAMPIONI RISULTANO CONFORMI ALLE SPECIFICHE FDA PER QUANTO RIGUARDA LA QUANTITA' DI ESTRATTIVI DI CLOROFORMIO SOLUBILE AMMESSI

#### Test report nr. TRHZ1208111 del 06/08/2012 durata test: 6 giorni

Descrizione	Materiale	Obiettivo del Test	Metodo Test (Ref. FDA 21CFR177.1210)	Risultato	Conclusioni
RACCORDO A L INTERMEDIO	ACCIAIO INOX SUS316L	DETERMINARE IL TOTALE DEL CROMO CONTENUTO	ANALISI VOLUMETRICA (TITOLAZIONE)	VALORE RICHIESTO: >=10,5% VALORE RILEVATO: 16,38%	IL RISULTATO DEL TEST SUL CAMPIONE DETERMINA CHE È IDONEO AL CONTATTO CON GLI ALIMENTI

#### Test report nr. TRHZ1208112 del 06/08/2012 durata test: 6 giorni

Descrizione	Materiale	Obiettivo del Test	Metodo Test (Ref. FDA 21CFR177.1210)	Risultato	Conclusioni
RACCORDO DIRITTO	ACCIAIO INOX SUS316L	DETERMINARE IL TOTALE DEL CROMO CONTENUTO	ANALISI VOLUMETRICA (TITOLAZIONE)	VALORE RICHIESTO: >=10,5% VALORE RILEVATO: 17,18%	IL RISULTATO DEL TEST SUL CAMPIONE DETERMINA CHE È IDONEO AL CONTATTO CON GLI ALIMENTI

#### Test report nr. TRHZ1208110 del 06/08/2012 during of the test: 6 days

Description	Material	Purpose of the Test	Test Method (Ref. FDA 21CFR177.1210)	Result	Conclusion
SEAL	VITON FPM FLUORORUBBER (FKM)	COMPLIANCE WITH THE FDA SPECIFICATIONS FOR DETERMINING THE DEGREE OF EXTRACTION OF SOLUBLE CHLOROFORM (PPM) IN THE SEALS FOR CLOSING OF FOOD CONTAINERS	DIVING FOR 2 HOURS IN DISTILLED WATER TO 212 ° F DIVING FOR 2 HOURS IN ALCOHOL 8% at 212 ° F DIVING FOR 2 HOURS IN HEPTANE NORMAL (N-HEPTANE) At 150 ° F	LIMIT VALUE: 50.0 VALUE DETECTED: 13.0 LIMIT VALUE: 50.0 VALUE DETECTED: 7.0 LIMIT VALUE: 50.0 VALUE DETECTED: 11.5	SAMPLES CONFORM TO THE SPECIFICATIONS FDA REGARDING THE AMOUNT OF EXTRACTION OF SOLUBLE CHLOROFORM ALLOWED

#### Test report nr. TRHZ1208111 del 06/08/2012 during of the test: 6 days

Description	Material	Purpose of the Test	Test Method (Ref. FDA 21CFR177.1210)	Result	Conclusion
L INTERMEDIATE FITTING	STAINLESS STEEL SUS316L	DETERMINING THE TOTAL CHROMIUM CONTENT	VOLUMETRIC ANALYSIS (LABEL)	REQUIRED VALUE:>= 10.5% VALUE DETECTED: 16.38%	THE TEST RESULT ON DETERMINING THE SAMPLE WHICH IS SUITABLE FOR CONTACT WITH FOOD

#### Test report nr. TRHZ1208112 del 06/08/2012 during of the test: 6 days

Description	Material	Purpose of the Test	Test Method (Ref. FDA 21CFR177.1210)	Result	Conclusion
STRAIGHT FITTING	STAINLESS STEEL SUS316L	DETERMINING THE TOTAL CHROMIUM CONTENT	VOLUMETRIC ANALYSIS (LABEL)	REQUIRED VALUE:>= 10.5% VALUE DETECTED: 17.18%	THE TEST RESULT ON DETERMINING THE SAMPLE WHICH IS SUITABLE FOR CONTACT WITH FOOD

## Raccordi ad innesto rapido INOX AISI 316

INOX AISI 316 push-in fitting

Steckverschraubungen Edelstahl AISI 316

### Test di compatibilità secondo specifiche FDA effettuati **TUV NORD** per conto del costruttore

Compatibility test for 'according to specifications FDA done by tuv nord on behalf of the manufacturer

Kompatibilitätstest für nach den Vorgaben der FDA durch den TÜV Nord im Namen des Hersteller

#### Test report nr. TRHZ1208110 del 06/08/2012 während des Tests: 6 Tage

Beschreibung	Werkstoff	Zweck der Prüfung	Testverfahren (Ref. FDA 21CFR177.1210)	Ergebnis	Abschluss
DICHTUNGEN	VITON FPM FLUORKAUTSCHUK (FKM)	KONFORMITAET MIT DER FDA SPEZIFIKATIONEN DER BESTIM- MUNG DER EXTRAKTIONSGRAD VON LÖSLICHEN CHLOROFORM (PPM) IN DEN DICHTUNGEN ZUM SCHLIESSEN LEBENSMIT- TELBEHÄLTER	TAUCHEN FÜR 2 STUNDEN IN DESTILLIERTEM WASSER BIS 212 ° F TAUCHEN FÜR 2 STUNDEN IN ALKOHOL 8% BEI 212 ° F TAUCHEN FÜR 2 STUNDEN IN HEPTAN NORMAL (N-HEPTAN) BEI 150 ° F	GRENZWERT: 50,0 WERT ERKANNT: 13,0 GRENZWERT: 50,0 WERT ERKANNT: 7,0 GRENZWERT: 50,0 WERT ERKANNT: 11,5	PROBEN ENTSPRECHEN DEN FDA DATEN ÜBER DIE HÖHE DER EXTRAKTION DES LÖSLICHEN CHLOROFORM ERLAUBT

#### Test report nr. TRHZ1208111 del 06/08/2012 während des Tests: 6 Tage

Beschreibung	Werkstoff	Zweck der Prüfung	Testverfahren (Ref. FDA 21CFR177.1210)	Ergebnis	Abschluss
WINKELSTÜCK	EDELSTAHL SUS316L	BESTIMMUNG DES GESAMTCHROMGEHALT	VOLUMETRIE (LABEL)	SOLLWERT:> = 10,5% WERT ERKANNT: 16,38%	DAS TESTERGEBNIS AUF DER BESTIM- MUNG DER PROBE, DIE FÜR DEN KONTAKT MIT LEBENSMITTELN

#### Test report nr. TRHZ1208112 del 06/08/2012 während des Tests: 6 Tage

Beschreibung	Werkstoff	Zweck der Prüfung	Testverfahren (Ref. FDA 21CFR177.1210)	Ergebnis	Abschluss
GERADE EINVER- SCHRAUBUNGEN	EDELSTAHL SUS316L	BESTIMMUNG DES GESAMTCHROMGEHALT	VOLUMETRIE (LABEL)	SOLLWERT:> = 10,5% WERT ERKANNT: 16,38%	DAS TESTERGEBNIS AUF DER BESTIM- MUNG DER PROBE, DIE FÜR DEN KONTAKT MIT LEBENSMITTELN



## RX 51K

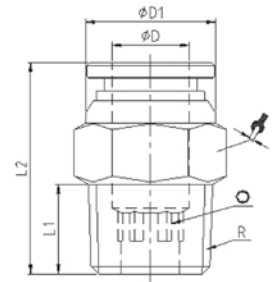


### Diritto maschio conico BSPT

Male straight taper BSPT

Gerade Einschraubverschraubung konisches Gewinde

	Codice/Code	ØD	R"	L1	L2	ØD1	○	🔥	📏	📦
	<b>RX51K1804</b>	4	R1/8	7.5	16.8	10	3	10	1	
<b>new</b>	<b>RX51K1404</b>	4	R1/4	9.5	21	-	-	14	1	
	<b>RX51K1806</b>	6	R1/8	7.5	19.3	12	4	12	1	
	<b>RX51K1406</b>	6	R1/4	9.5	19.8	12	4	14	1	
<b>new</b>	<b>RX51K3806</b>	6	R3/8	10.5	22	-	-	17	1	
<b>new</b>	<b>RX51K1206</b>	6	R1/2	12.5	24	-	-	21	1	
	<b>RX51K1808</b>	8	R1/8	7.5	23.7	14	6	14	1	
	<b>RX51K1408</b>	8	R1/4	9.5	22.2	14	6	14	1	
<b>new</b>	<b>RX51K3808</b>	8	R3/8	10.5	22.5	-	-	17	1	
<b>new</b>	<b>RX51K1208</b>	8	R1/2	12.5	24	-	-	21	1	
	<b>RX51K1410</b>	10	R1/4	9.5	26.4	17	8	17	1	
	<b>RX51K3810</b>	10	R3/8	10.5	22.9	17	8	17	1	
<b>new</b>	<b>RX51K1210</b>	10	R1/2	12.5	25	-	-	21	1	
<b>new</b>	<b>RX51K1412</b>	12	R1/4	9.5	31.3	-	-	21	1	
	<b>RX51K3812</b>	12	R3/8	10.5	26.4	20	10	20	1	
	<b>RX51K1212</b>	12	R1/2	13.5	26.4	20	10	21	1	
<b>new</b>	<b>RX51K1214</b>	14	R1/2	12.5	33	-	-	22	1	



## RX 51

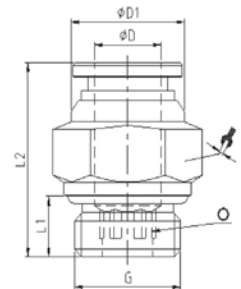


### Diritto maschio cilindrico BSPP-metrico

Male straight parallel BSPP-metric

Gerade Einschraubverschraubung zylindrisches Gewinde

	Codice/Code	ØD	G"	L1	L2	ØD1	○	🔥	📏	📦
	<b>RX51M504</b>	4	M5	4	19.3	10		10	1	
	<b>RX511804</b>	4	G1/8	5.5	17.3	10	3	13	1	
<b>new</b>	<b>RX511404</b>	4	G1/4	6.5	21.2	-	-	17	1	
	<b>RX51M506</b>	6	M5	4	20.6	12		12	1	
	<b>RX511806</b>	6	G1/8	5.5	18.8	12	4	13	1	
	<b>RX511406</b>	6	G1/4	6.5	18.8	12	4	16	1	
	<b>RX511808</b>	8	G1/8	5.5	23.2	14	5	14	1	
	<b>RX511408</b>	8	G1/4	6.5	20.7	14	6	16	1	
<b>new</b>	<b>RX513808</b>	8	G3/8	7.5	22.5	-	-	21	1	
	<b>RX511410</b>	10	G1/4	6.5	26.4	17	8	17	1	
	<b>RX513810</b>	10	G3/8	7.5	22.9	17	8	20	1	
<b>new</b>	<b>RX511210</b>	10	G1/2	9	24	-	-	24	1	
<b>new</b>	<b>RX511412</b>	12	G1/4	6.5	31.3	-	-	21	1	
	<b>RX513812</b>	12	G3/8	7.5	25.4	20	10	20	1	
	<b>RX511212</b>	12	G1/2	9	25.4	20	10	24	1	
<b>new</b>	<b>RX513814</b>	14	G3/8	7.5	33	-	-	22	1	
<b>new</b>	<b>RX511214</b>	14	G1/2	9	32	-	-	24	1	



## RX 52

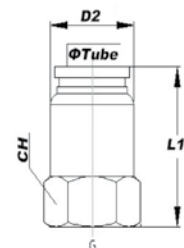
**new**


### Femmina diritto

Female straight

Manometersverschraubung

	Codice/Code	ØD	G	L1	D2	🔥	📏	📦
	<b>RX52M504</b>	4	M5	20.2	10.5	12		1
	<b>RX521804</b>	4	G1/8	21.2	10.5	12		1
	<b>RX521404</b>	4	G1/4	21	10.5	17		1
	<b>RX521806</b>	6	G1/8	21.6	12.5	14		1
	<b>RX521406</b>	6	G1/4	21	12.5	17		1
	<b>RX521808</b>	8	G1/8	25	14.5	17		1
	<b>RX521408</b>	8	G1/4	24.5	14.5	17		1



## Raccordi ad innesto rapido INOX AISI 316

INOX AISI 316 push-in fitting

Steckverschraubungen Edelstahl AISI 316

### RX 53

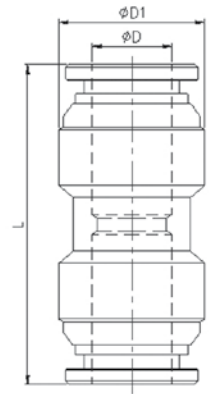


new

#### Dritto intermedio

Straight intermediate  
Gerader Verbinder

Codice/Code	ØD	ØD1	L						
<b>RX530004</b>	4	11	27						1
<b>RX530006</b>	6	13	29.5						1
<b>RX530008</b>	8	15	32.5						1
<b>RX530010</b>	10	18	36.8						1
<b>RX530012</b>	12	21	39.8						1
<b>RX530014</b>	14	22	42						1



### RX 53-R

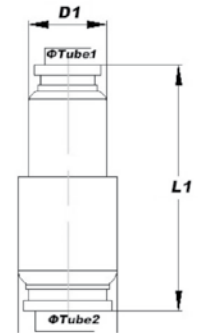
new



#### Dritto intermedio ridotto

Straight reducer  
Reduzierung Gerader Verbinder

Codice/Code	ØT1	ØT2	D1	D2	L1				
<b>RX530604</b>	4	6	10.5	12.5	30.6				1
<b>RX530806</b>	6	8	12.5	14.5	32.8				1
<b>RX531008</b>	8	10	14.5	17.5	35				1
<b>RX531210</b>	10	12	17.5	20.5	38.2				1



### RX 54

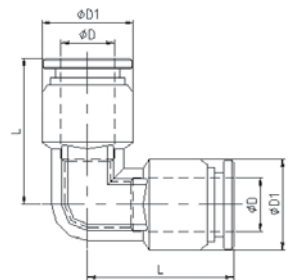


new

#### L intermedio

L intermediate  
Winkerverbinder

Codice/Code	ØD	ØD1	L						
<b>RX540004</b>	4	10	18.3						1
<b>RX540006</b>	6	12	20.3						1
<b>RX540008</b>	8	14	22.3						1
<b>RX540010</b>	10	17	26.4						1
<b>RX540012</b>	12	20	29.4						1
<b>RX540014</b>	14	22	37						1



### RX 55

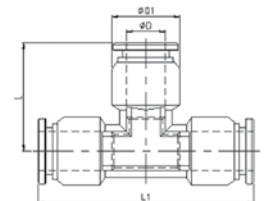


new

#### T intermedio

T intermediate  
T-Verbinder

Codice/Code	ØD	ØD1	L	L1					
<b>RX550004</b>	4	10	18.3	36.6					1
<b>RX550006</b>	6	12	20.3	40.6					1
<b>RX550008</b>	8	14	22.3	44.6					1
<b>RX550010</b>	10	17	26.4	52.8					1
<b>RX550012</b>	12	20	29.4	58.8					1
<b>RX550014</b>	14	22	37	74					1



## RX 58

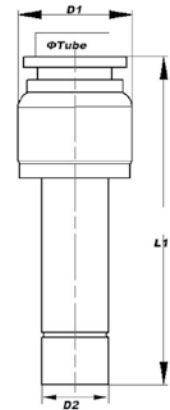
new



### Adattatore riduzione maggiorazione

Reducer-increaser plug-in  
Reduzier Stecker

Codice/Code	ØD	ØD2	ØD1	L1						
<b>RX580604</b>	4	6	10.5	41						1
<b>RX580804</b>	4	8	10.5	43						1
<b>RX580806</b>	6	8	12.5	44						1
<b>RX581006</b>	6	10	12.5	47						1
<b>RX581008</b>	8	10	14.5	47						1
<b>RX581208</b>	8	12	14.5	52						1
<b>RX581210</b>	10	12	17.5	53						1
<b>RX581410</b>	10	14	17.5	56						1



## RX 59

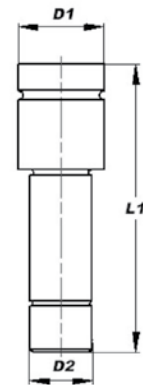
new



### Tappo maschio

Male plug-in  
Verschluss Stecker

Codice/Code	ØD1	ØD2	L1							
<b>RX590004</b>	6	4	28							1
<b>RX590006</b>	8	6	33							1
<b>RX590008</b>	10	8	37							1
<b>RX590010</b>	12	10	42							1
<b>RX590012</b>	14	12	44							1
<b>RX590014</b>	16	14	46							1



## RX 60

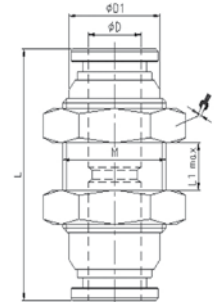
new



### Passalamiera

Bulkhead  
Schottverschraubung

Codice/Code	ØD	ØD1	L	L1max	M	⚡				
<b>RX600004</b>	4	10	27	8	M12X1	14				1
<b>RX600006</b>	6	12	29.5	8	M14X1	17				1
<b>RX600008</b>	8	14	32.5	8.5	M16X1	19				1
<b>RX600010</b>	10	17	36.8	9.5	M20X1	24				1
<b>RX600012</b>	12	20	39.8	11.5	M22X1	26				1
<b>RX600014</b>	14	24	42	-	-	27				1



## RX 65K

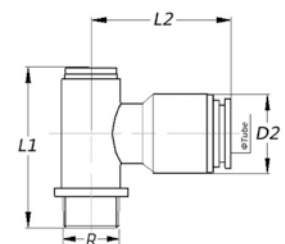
new



### Gomito maschio girevole conico BSPT

Elbow male rotating body taper BSPT  
Winkelverschraubung Drehbar konisches Gewinde

Codice/Code	ØD	R	ØD1	L	⚡					
<b>RX65K1804</b>	4	R1/8	25.5	26	10.5					1
<b>RX65K1806</b>	6	R1/8	25.5	26	10.5					1
<b>RX65K1406</b>	6	R1/4	28	28	12.5					1
<b>RX65K1808</b>	8	R1/8	25.5	29	14.5					1
<b>RX65K1408</b>	8	R1/4	28	30	14.5					1
<b>RX65K3808</b>	8	R3/8	33.2	33	14.5					1
<b>RX65K1410</b>	10	R1/4	28	32	17.5					1
<b>RX65K3810</b>	10	R3/8	33.2	35	17.5					1
<b>RX65K1412</b>	12	R1/4	28	34	20.5					1
<b>RX65K3812</b>	12	R3/8	33.2	36.5	20.5					1
<b>RX65K1212</b>	12	R1/2	37.5	38	20.5					1





# RX

## Raccordi ad innesto rapido INOX AISI 316

INOX AISI 316 push-in fitting

Steckverschraubungen Edelstahl AISI 316

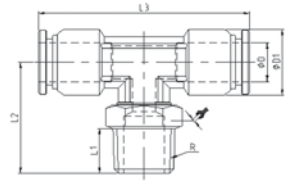
### RX 70K



#### T al centro girevole conico BSPT

Central T male (rotating body) taper BSPT  
T-Schottverschraubung konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3	ØD1			
<b>RX70K1804</b>	4	R1/8	7.5	23	36.6	10	12		1
<b>RX70K1806</b>	6	R1/8	7.5	23	40.6	12	12		1
<b>RX70K1406</b>	6	R1/4	9.5	23	40.6	12	14		1
<b>RX70K1808</b>	8	R1/8	7.5	23.5	44.6	14	12		1
<b>RX70K1408</b>	8	R1/4	9.5	23.5	44.6	14	14		1
<b>RX70K1410</b>	10	R1/4	9.5	33	52.8	17	17		1
<b>RX70K3810</b>	10	R3/8	10.5	30	52.8	17	17		1
<b>RX70K3812</b>	12	R3/8	10.5	31.5	58.8	20	17		1
<b>RX70K1212</b>	12	R1/2	13.5	33.5	58.8	20	21		1



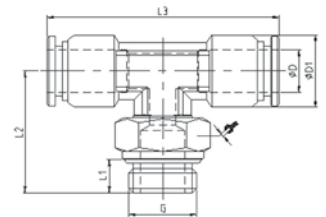
### RX 70



#### T al centro girevole cilindrico BSPP

Central T male (rotating body) parallel BSPP  
T-Schwenkverschraubung Drehbar zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	ØD1			
<b>RX70M504</b>	4	M5	4	17,5	36,6	10	10		1
<b>RX701804</b>	4	G1/8	5,5	22	36,6	10	13		1
<b>RX70M506</b>	6	M5	4	17,5	40,6	12	10		1
<b>RX701806</b>	6	G1/8	5,5	22	40,6	12	13		1
<b>RX701406</b>	6	G1/4	6,5	23	40,6	12	16		1
<b>RX701808</b>	8	G1/8	5,5	22,5	44,6	14	13		1
<b>RX701408</b>	8	G1/4	6,5	23,5	44,6	14	16		1
<b>RX701410</b>	10	G1/4	6,5	31	52,8	17	17		1
<b>RX703810</b>	10	G3/8	7,5	28,5	52,8	17	20		1
<b>RX703812</b>	12	G3/8	7,5	30	58,8	20	20		1
<b>RX701212</b>	12	G1/2	9	30,5	58,8	20	24		1



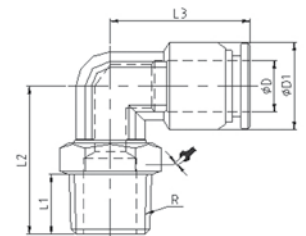
### RX 72K



#### Gomito maschio girevole conico BSPT

Elbow male (rotating body) taper BSPT  
Winkverschraubung Drehbar konisches Gewinde

Codice/Code	ØD	R"	L1	L2	L3	ØD1			
<b>RX72K1804</b>	4	R1/8	7.5	23	18.3	10	12		1
<b>RX72K1404</b>	4	R1/4	9.5	29.5	23	10.5	14		1
<b>RX72K1806</b>	6	R1/8	7.5	23	20.3	12	12		1
<b>RX72K1406</b>	6	R1/4	9.5	23	20.3	12	14		1
<b>RX72K1808</b>	8	R1/8	7.5	23.5	22.3	14	12		1
<b>RX72K1408</b>	8	R1/4	9.5	23.5	22.3	14	14		1
<b>RX72K3808</b>	8	R3/8	10.5	28	27	14.5	17		1
<b>RX72K1410</b>	10	R1/4	9.5	33	26.4	17	17		1
<b>RX72K3810</b>	10	R3/8	10.5	30	26.4	17	17		1
<b>RX72K1412</b>	12	R1/4	9.5	30.5	34	20.5	14		1
<b>RX72K3812</b>	12	R3/8	10.5	31.5	29.4	20	17		1
<b>RX72K1212</b>	12	R1/2	13.5	33.5	29.4	20	21		1
<b>RX72K1214</b>	14	R1/2	12.5	35	37	22	21		1

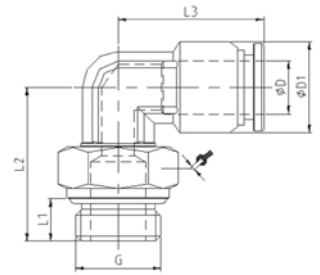


**RX 72**

**Gomito maschio girevole cilindrico BSPP-metrico**

 Elbow male (rotating body) parallel BSPP-metric  
 Winkelverschraubung Drehbar zylindrisches Gewinde

Codice/Code	ØD	G"	L1	L2	L3	ØD1	⚡	📦
<b>RX72M504</b>	4	M5	4	17.5	18.3	10	10	1
<b>RX721804</b>	4	G1/8	5.5	22	18.3	10	13	1
<b>RX721404</b>	4	G1/4	6.5	27.8	23	10.5	17	1
<b>RX72M506</b>	6	M5	4	17.5	20.3	12	10	1
<b>RX721806</b>	6	G1/8	5.5	22	20.3	12	13	1
<b>RX721406</b>	6	G1/4	6.5	23	20.3	12	16	1
<b>RX721808</b>	8	G1/8	5.5	22.5	22.3	14	13	1
<b>RX721408</b>	8	G1/4	6.5	23.5	22.3	14	16	1
<b>RX723808</b>	8	G3/8	7.5	28	32	14.5	21	1
<b>RX721410</b>	10	G1/4	6.5	31	26.4	17	17	1
<b>RX723810</b>	10	G3/8	7.5	28.5	26.4	17	20	1
<b>RX721412</b>	12	G1/4	6.5	37.5	34	20.5	21	1
<b>RX723812</b>	12	G3/8	7.5	30	29.4	20	20	1
<b>RX721212</b>	12	G1/2	9	30.5	29.4	20	24	1

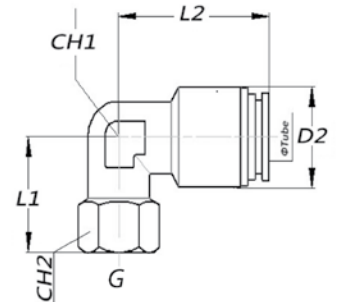

**RX 72F**

new


**Gomito femmina girevole conico**

 Elbow female (rotating body) taper BSPT  
 Winkelverschraubung Innengewinde, konisches Gewinde

Codice/Code	ØD	G	L1	L2	D2	⚡1	⚡2	📦
<b>RX72F1804</b>	4	G1/8	27.5	23	10.5	9.2	10	1
<b>RX72F1806</b>	6	G1/8	27	24	12.5	9.2	14	1
<b>RX72F1406</b>	6	G1/4	28	24	12.5	9.2	17	1
<b>RX72F1808</b>	8	G1/8	27	27	14.5	11.2	14	1
<b>RX72F1408</b>	8	G1/4	28	27	14.5	11.2	17	1

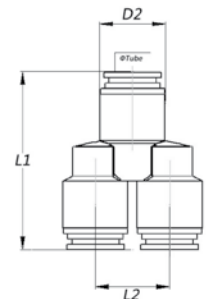

**RX 73**

new


**Y innestabile**

 Y connector  
 Y-Verteiler

Codice/Code	ØD	L1	L2	D2	📦
<b>RX730004</b>	4	35	13	11	1
<b>RX730006</b>	6	37.5	16	13	1
<b>RX730008</b>	8	41.3	18	15	1
<b>RX730010</b>	10	44.3	21	18	1
<b>RX730012</b>	12	51	24	21	1



# Accessori standard

Standard accessories  
Standardverschraubungen

<b>AS-C</b>	<b>Accessori standard in ottone compatti</b> Compact brass standard accessories Standardverschraubungen Messing	143
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<b>AS-G</b>	<b>Accessori in ottone giallo</b> Yellow brass accessories Standardverschraubungen Messing gelb	167
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## Dati tecnici accessori standard in ottone compatti

Compact brass standard accessories technical data  
Technischen Daten der Standardverschraubungen Messing

### Applicazioni

Pneumatica (idraulica a bassa pressione)

### Materiali

Corpo: Ottone nichelato CW614 N / CW617 N

### Pressione di esercizio

La pressione massima di esercizio è determinata dalle caratteristiche del tipo di tubo utilizzato (pressione max consigliata 60 bar)

### Temperatura di utilizzo

La temperatura di utilizzo è determinata dalle caratteristiche del tipo di tubo

### Filettatura

BSPP cilindrica UNI-ISO228  
BSPT conica UNI-ISO 7

### Filetti

Filettature da 1/8 a 1"

### Applications

Pneumatic (hydraulic system with low pressure)

### Materials

Body: Nickel plated brass CW614 N / CW617 N

### Working pressure

Pressure depend on the tube features  
(max pressure suggested 60 bar)

### Temperature range

Temperature depend on the pipe's features used

### Thread types

BSPP cylindrical UNI-ISO228  
BSPT taper UNI-ISO 7

### Threads

Threads from 1/8 to 1"

### Anwendungen

Pneumatisch (hydraulische Niederdruck)

### Werkstoffe

Körper: Messing vernickelt CW614N / CW617N

### Betriebsdruck

Der maximale Betriebsdruck wird durch die Merkmale des verwendeten Rohrtyp (empfohlen max: 60 bar) bestimmt

### Temperatur

Die Temperatur der Verwendung wird durch die Merkmale des Typs der Schlauch bestimmt

### Gewinden

BSPP zylindrischen UNI-ISO228  
BSPT konische UNI-ISO 7

### Gewinde

Gewinde von 1/8 bis 1"

## Accessori standard in ottone compatti

Compact brass standard accessories  
Standardverschraubungen Messing

AS **39-C**

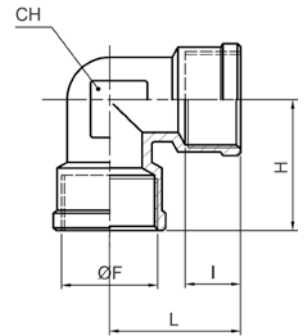
new



### Gomito compatto femmina cilindrico BSPP

Compact elbow female parallel BSPP  
Winkelstück zylindrisches Gewinde "mini"

Codice/Code	F	I	H	L	⚡			
AS390018C	G1/8	8	18,5	18,5	10			10
AS390014C	G1/4	11,5	22,5	22,5	12			10
AS390038C	G3/8	11,5	25,5	25,5	15			10
AS390012C	G1/2	14	30	30	19			10
AS390034C	G3/4	16,5	35,5	35,5	22			10
AS390001C	G1"	18	40,5	40,5	28			10



AS **40K-C**

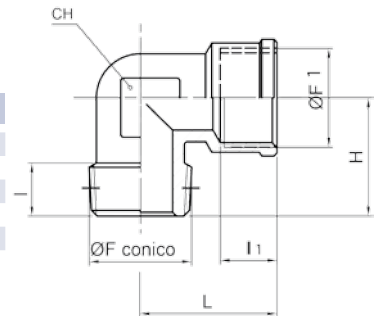
new



### Gomito compatto maschio conico BSPT femmina cilindrico BSPP

Compact elbow male taper BSPT female parallel BSPP  
Winkelstück konisches Gewinde "mini"

Codice/Code	F	F1	I	I1	H	L	⚡	
AS40K0018C	R1/8	G1/8	8	8	17	18,5	10	10
AS40K0014C	R1/4	G1/4	11,5	11,5	22,5	22,5	12	10
AS40K0038C	R3/8	G3/8	12,5	11,5	25,5	25,5	15	10
AS40K0012C	R1/2	G1/2	14	14	30	30	19	10
AS40K0034C	R3/4	G3/4	17	16,5	34,5	35,5	22	10
AS40K0001C	R1"	G1"	19	18	40,5	40,5	28	10



AS **41-C**

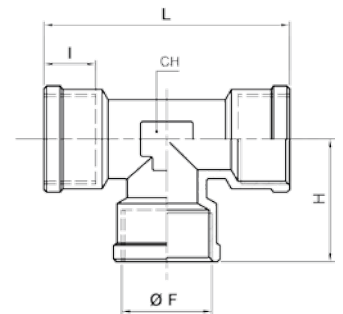
new



### T compatto femmina cilindrico BSPP

Compact T female parallel BSPP  
T Stück, zylindrisches Gewinde "mini"

Codice/Code	F	I	H	L	⚡			
AS410018C	G1/8	8	18,5	37	10			10
AS410014C	G1/4	11	22,5	45	12			10
AS410038C	G3/8	11,5	25,5	51	15			10
AS410012C	G1/2	14	30	60	19			10
AS410034C	G3/4	16,5	35,5	71	22			10
AS410001C	G1"	18	40,5	81	28			10



AS **42K-C**

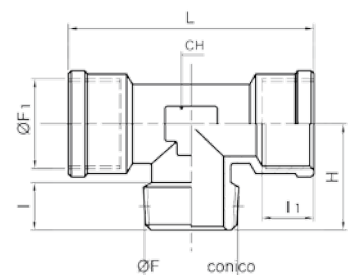
new



### T compatto centrale conico BSPT

Compact Centre T male taper BSPT  
T Stück konisches Gewinde "mini"

Codice/Code	F	F1	I	I1	H	L	⚡	
AS42K0018C	R1/8	G1/8	8	8	17	37	10	10
AS42K0014C	R1/4	G1/4	11,5	11	22,5	45	12	10
AS42K0038C	R3/8	G3/8	12,5	11,5	25,5	51	15	10
AS42K0012C	R1/2	G1/2	14,5	14	30	60	19	10
AS42K0034C	R3/4	G3/4	17	16,5	34,5	71	22	10
AS42K0001C	R1"	G1"	19	18	40,5	81	28	10



AS **43K-C**

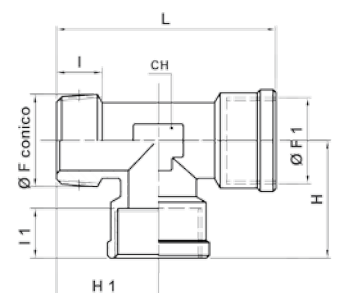
new



### T compatto laterale conico BSPT

Compact lateral T male taper BSPT  
Lateral T Stück konisches Gewinde "mini"

Codice/Code	F	F1	I	L1	H	H1	L	⚡
AS43K0018C	R1/8	G1/8	8	8	18,5	17	35,5	10
AS43K0014C	R1/4	G1/4	11,5	11	22,5	22,5	45	12
AS43K0038C	R3/8	G3/8	12,5	11,5	25,5	25,5	51	15
AS43K0012C	R1/2	G1/2	14,5	14	30	30	60	19
AS43K0034C	R3/4	G3/4	17,5	16,5	35,5	34,5	70	22
AS43K0001C	R1"	G1"	19	18	40,5	40,5	81	28



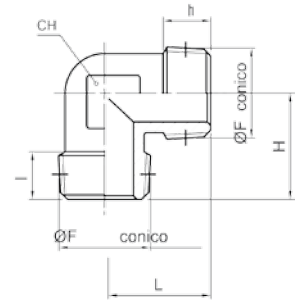
## AS 45K-C new



### Gomito compatto maschio conico BSPT

Compact Elbow male taper BSPT  
Winkelstück "mini"

Codice/Code	F	F1	I	I1	H	L	🔥	📦
AS45K0018C	R1/8	R1/8	8	8	17	17	10	10
AS45K0014C	R1/4	R1/4	11,5	11,5	22,5	22,5	12	10
AS45K0038C	R3/8	R3/8	12,5	12,5	25,5	25,5	15	10
AS45K0012C	R1/2	R1/2	14	14	30	30	19	10
AS45K0034C	R3/4	R3/4	17	17	34,5	34,5	22	10
AS45K0001C	R1"	R1"	18,5	18,5	40,5	40,5	28	10



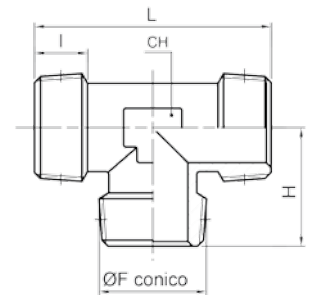
## AS 46K-C new



### T compatto maschio conico BSPT

Compact T male taper BSPT  
T Stück konisches Gewinde "mini"

Codice/Code	F	I	H	L	🔥	📦
AS46K0018C	R1/8	8	17	34	10	10
AS46K0014C	R1/4	11,5	22,5	45	12	10
AS46K0038C	R3/8	12,5	25,5	51	15	10
AS46K0012C	R1/2	14,5	30	60	19	10
AS46K0034C	R3/4	17	34,5	69	22	10
AS46K0001C	R1"	19	40,5	81	28	10



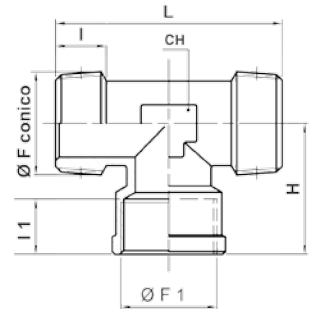
## AS 47K-C new



### T compatto femmina doppio laterale conico BSPT

Compact Double lateral female T taper BSPT  
T Stück, InnenGewinde "mini", konisches Gewinde "mini"

Codice/Code	F	F1	I	I1	H	L	🔥	📦
AS47K0018C	R1/8	G1/8	8	8	18,5	34	10	10
AS47K0014C	R1/4	G1/4	11	11	22,5	45	12	10
AS47K0038C	R3/8	G3/8	12,5	11,5	25,5	51	15	10
AS47K0012C	R1/2	G1/2	14,5	14	30	60	19	10
AS47K0034C	R3/4	G3/4	17	16,5	35,5	69	22	10
AS47K0001C	R1"	G1"	19	18	40,5	81	28	10



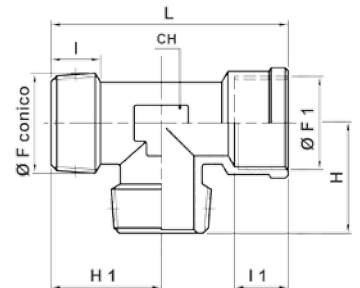
## AS 48 K-C new



### T compatto femmina laterale-centrale conico BSPT

Compact Lateral-central female T taper BSPT  
T Stück konisches Gewinde "mini"

Codice/Code	F	F1	I	I1	H	H1	L	🔥	📦
AS48K0018C	R1/8	G1/8	8	8	17	17	35,5	10	10
AS48K0014C	R1/4	G1/4	11,5	11	22,5	22,5	45	12	10
AS48K0038C	R3/8	G3/8	12,5	11,5	25,5	25,5	51	15	10
AS48K0012C	R1/2	G1/2	14,5	14	30	30	60	19	10
AS48K0034C	R3/4	G3/4	17,5	16,5	34,5	34,5	70	22	10
AS48K0001C	R1"	G1"	19	18	40,5	40,5	81	28	10





# Accessori standard in ottone

Brass standard accessories

Standardverschraubungen Messing

## Dati tecnici accessori standard in ottone

Brass standard accessories technical data

Technischen Daten der Standardverschraubungen Messing

### Applicazioni

Pneumatica (idraulica a bassa pressione)

### Materiali

Corpo: Ottone nichelato CW614 N / CW617 N

### Pressione di esercizio

La pressione massima di esercizio è determinata dalle caratteristiche del tipo di tubo utilizzato (pressione max consigliata 60 bar)

### Temperatura di utilizzo

La temperatura di utilizzo è determinata dalle caratteristiche del tipo di tubo

### Filettatura

BSPP cilindrica UNI-ISO228  
BSPT conica UNI-ISO 7  
Metrica ISO/R 262

### Filetti

Filettature da M5 a 1"

### Applications

Pneumatic (hydraulic system with low pressure)

### Materials

Body: Nickel plated brass CW614 N / CW617 N

### Working pressure

Pressure depend on the tube features  
(max pressure suggested 60 bar)

### Temperature range

Temperature depend on the pipe's features used

### Thread types

BSPP cylindrical UNI-ISO228  
BSPT taper UNI-ISO 7  
Metric ISO/R 262

### Threads

Threads from M5 to 1"

### Anwendungen

Pneumatisch (hydraulische Niederdruck)

### Werkstoffe

Körper: Messing vernickelt CW614N / CW617N

### Betriebsdruck

Der maximale Betriebsdruck wird durch die Merkmale des verwendeten Rohrtyp (empfohlen max: 60 bar) bestimmt

### Temperatur

Die Temperatur der Verwendung wird durch die Merkmale des Typs der Schlauch bestimmt

### Gewinden

BSPP zylindrischen UNI-ISO228  
BSPT konische UNI-ISO 7  
Metric ISO/R 262

### Gewinde

Gewinde von M5 bis 1"

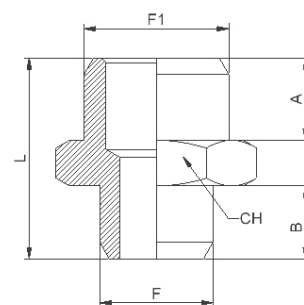
## AS 51



### Nipplo cilindrico BSPP-metrico

Nipple parallel BSPP-metric  
Nippel zylindrisches Gewinde

Codice/Code	F"	F1"	A	B	L	CH	
AS51M5M5	M5	M5	4	4	11	8	10
AS51M518	M5	G1/8	6	5	15.5	14	10
AS511818	G1/8	G1/8	6	6	16.5	14	10
AS511814	G1/8	G1/4	8	6	18.5	17	10
AS511838	G1/8	G3/8	9	6	20	19	10
AS511812	G1/8	G1/2	12	6.5	25	22	10
AS511414	G1/4	G1/4	8	8	20.5	17	10
AS511438	G1/4	G3/8	9	8	22	19	10
AS511412	G1/4	G1/2	10	8	23	24	10
AS513838	G3/8	G3/8	9	9	23	19	10
AS513812	G3/8	G1/2	10	9	24	24	10
AS513834	G3/8	G3/4	11	9	25.5	30	10
AS511212	G1/2	G1/2	10	10	25	24	10
AS511234	G1/2	G3/4	11	10	26.5	30	10
AS511201	G1/2	G1	10	13	29	36	10
AS513434	G3/4	G3/4	11	11	27.5	30	10
AS513401	G3/4	G1	13	11	30	36	10
AS510101	G1	G1	13	13	32	36	10



## AS 510R

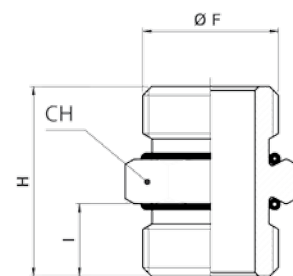
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### Nipplo cilindrico BSPP con O-ring

Nipple parallel BSPP with O-ring  
Nippel zylindrisches Gewinde mit O-ring

Codice/Code	F"	F1"	I	I1	H	CH	
AS510R18	G1/8			6.5	17.5	14	10
AS510R14	G1/4			8	21	17	10
AS510R38	G3/8			9	23	20	10
AS510R12	G1/2			10	26	24	10
AS510R1814	G1/8	G1/4	6.5	8	19.5	17	10
AS510R1838	G1/8	G3/8	6.5	9	21	20	10
AS510R1438	G1/4	G3/8	8	9	22	20	10
AS510R1412	G1/4	G1/2	8	10	24	24	10
AS510R3812	G3/8	G1/2	9	10	25	24	10



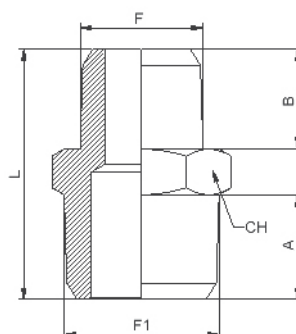
## AS 52K



### Nipplo conico BSPT

Nipple taper BSPT  
Nippel konisches Gewinde

Codice/Code	F"	F1"	A	B	L	CH	
AS52K1818	R1/8	R1/8	7.5	7.5	19	12	10
AS52K1814	R1/8	R1/4	11	7.5	23	14	10
AS52K1838	R1/8	R3/8	11.0	7.5	23.5	17	10
AS52K1414	R1/4	R1/4	11	11	27	14	10
AS52K1438	R1/4	R3/8	11.0	10.5	26.5	17	10
AS52K1412	R1/4	R1/2	12.5	10.5	28.5	22	10
AS52K3838	R3/8	R3/8	11.0	11.0	27	17	10
AS52K3812	R3/8	R1/2	14	11.5	31	22	10
AS52K1212	R1/2	R1/2	12.5	12.5	30.5	22	10
AS52K1234	R1/2	R3/4	14.0	12.5	32.5	27	10
AS52K3434	R3/4	R3/4	14.0	14.0	34.5	27	10
AS52K3401	R3/4	R1	15.5	13	35.5	34	10
AS52K0101	R1	R1	15.5	15.5	37	34	10



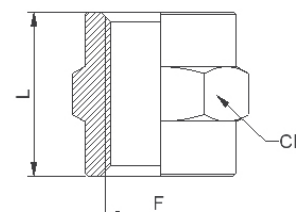
## AS 53



### Manicotto cilindrico BSPP - metrico

Sleeve parallel BSPP - metric  
Muffe zylindrisches Gewinde

Codice/Code	F"	L	CH			
AS53M5M5	M5	11	8			10
AS531818	G1/8	15	14			10
AS531414	G1/4	22	17			10
AS533838	G3/8	23	22			10
AS531212	G1/2	28.5	27			10
AS533434	G3/4	32	32			10
AS530101	G1	31	38			10



# Accessori standard in ottone

Brass standard accessories

Standardverschraubungen Messing

## AS 54K

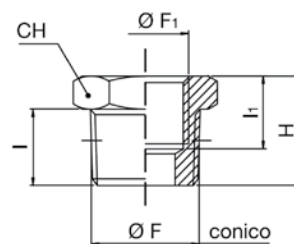


### Riduzione femmina cilindrico - maschio conico BSPT

Reducer female cylindrical - male taper BSPT

Reduzierung konisches Gewinde

Codice/Code	F"	F1"	I	I1	H	CH		
AS54K1418	R1/4	G1/8	11	9.0	15.5	14		10
AS54K3818	R3/8	G1/8	11.0	9.0	16.0	17		10
AS54K3814	R3/8	G1/4	11.0	11.0	16.0	17		10
AS54K1218	R1/2	G1/8	12.5	10	18	22		10
AS54K1214	R1/2	G1/4	12.5	11.5	18	22		10
AS54K1238	R1/2	G3/8	12.5	11.5	18	22		10
AS54K3438	R3/4	G3/8	14.0	12.0	20.0	27		10
AS54K3412	R3/4	G1/2	14.0	14.0	20.0	27		10
AS54K0138	R1	G3/8	15.5	13	21.5	34		10
AS54K0112	R1	G1/2	15.5	14	21.5	34		10
AS54K0134	R1	G3/4	15.5	14	21.5	34		10



## AS 54

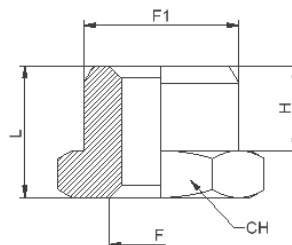


### Riduzione maschio-femmina cilindrico BSPP metrico

Reducer male-female parallel BSPP metric

Reduzierung zylindrisches Gewinde

Codice/Code	F1"	F"	H	L	CH		
AS5418M5	G1/8	M5	6.5	10.5	14		10
AS541418	G1/4	G1/8	8	12.5	17		10
AS543818	G3/8	G1/8	9	14	19		10
AS543814	G3/8	G1/4	9	14	19		10
AS541218	G1/2	G1/8	10	15	24		10
AS541214	G1/2	G1/4	10	15	24		10
AS541238	G1/2	G3/8	10	15	24		10
AS543414	G3/4	G1/4	11	16.5	30		10
AS543438	G3/4	G3/8	11	16.5	30		10
AS543412	G3/4	G1/2	13.5	19.5	30		10
AS540138	G1	G3/8	13.5	19.5	36		10
AS540112	G1	G1/2	13	19	36		10
AS540134	G1	G3/4	13	19	36		10



## AS 540R

new

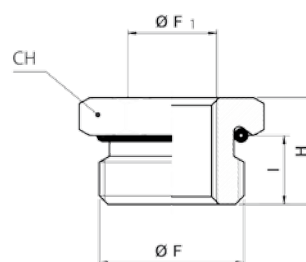


### Riduzione maschio-femmina cilindrico BSPP metrico con O-ring

Reducer male-female parallel BSPP metric with O-ring

Reduzierung zylindrisches Gewinde mit O-Ring

Codice/Code	F"	F1"	I	H	CH		
AS540R18M5	G1/8	M5	6.5	11	14		10
AS540R1418	G1/4	G1/8	8	13	19		10
AS540R3818	G3/8	G1/8	9	14	20		10
AS540R3814	G3/8	G1/4	9	14	11		10
AS540R1218	G1/2	G1/8	10	15.5	24		10
AS540R1214	G1/2	G1/4	10	15.5	24		10
AS540R1238	G1/2	G3/8	10	15.5	26		10



## AS 54S

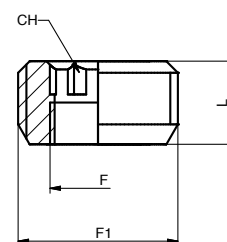


### Riduzione a scomparsa a brugola cilindrica BSPP metrico

Hexagonal hidden reducer parallel BSPP metric

Reduzierung zylindrisches Gewinde

Codice/Code	F"	F1"	L	CH		
AS54S18M5	M5	G1/8	8	3		10
AS54S1418	G1/8	G1/4	9	6		10
AS54S3818	G1/8	G3/8	9	6		10
AS54S3814	G1/4	G3/8	9	8		10
AS54S1214	G1/4	G1/2	10.5	10		10
AS54S1238	G3/8	G1/2	10.5	10		10
AS54S3412	G1/2	G3/4	13	12		10
AS54S0134	G3/4	G1	15	17		10



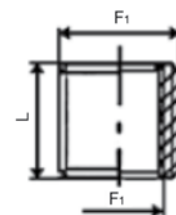
## AS 54P



### Riduzione cilindrica a scomparsa passante BSPP

Reducer parallel BSPP  
Reduzierung

Codice/Code	F"	F1"	L					
AS54P1418	G1/4	G1/8	8					10
AS54P3814	G3/8	G1/4	9					10
AS54P1238	G1/2	G3/8	9.5					10
AS54P3412	G3/4	G1/2	14					10
AS54P0134	G1	G3/4	12					10
AS54P4101	G1 1/4	G1	12					10



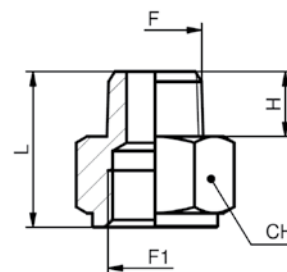
## AS 55K



### Maggiorazione femmina cilindrico - maschio conico BSPT

Tefloned extension female cylindrical - male taper BSPT  
Verlängerung konisches Gewinde

Codice/Code	F"	F1"	H	L	CH			
AS55K1818	R1/8	G1/8	7.5	18.5	14			10
AS55K1814	R1/8	G1/4	7.5	21.0	17			10
AS55K1838	R1/8	G3/8	7.5	21.5	22			10
AS55K1414	R1/4	G1/4	10.5	24.0	17			10
AS55K1438	R1/4	G3/8	10.5	24.5	22			10
AS55K1412	R1/4	G1/2	10.5	27.5	27			10
AS55K3838	R3/8	G3/8	10.5	24.5	22			10
AS55K3812	R3/8	G1/2	11.5	29.5	24			10
AS55K3834	R3/8	G3/4	11.0	28.0	32			10
AS55K1212	R1/2	G1/2	12.5	28.5	27			10
AS55K1234	R1/2	G3/4	14	35	32			10
AS55K1201	R1/2	G1	13	31	38			10
AS55K3434	R3/4	G3/4	13	30	32			10
AS55K3401	R3/4	G1	13	31	38			10
AS55K0101	R1	G1	15.5	33.5	38			10



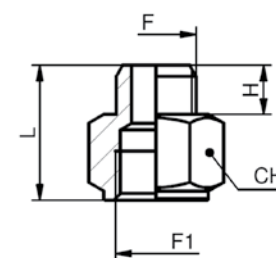
## AS 55



### Maggiorazione maschio-femmina cilindrico BSPP-metrico

Extension male-female parallel BSPP-metric  
Verlängerung zylindrisches Gewinde

Codice/Code	F"	F1"	H	L	CH			
AS55M518	M5	G1/8	5	16.0	14			10
AS551818	G1/8	G1/8	6.5	17.5	14			10
AS551814	G1/8	G1/4	6.5	20.0	17			10
AS551838	G1/8	G3/8	6.5	20.5	22			10
AS551812	G1/8	G1/2	6.5	23.7	25			10
AS551414	G1/4	G1/4	8	21.5	17			10
AS551438	G1/4	G3/8	9	23	22			10
AS551412	G1/4	G1/2	9	26	24			10
AS553838	G3/8	G3/8	9	23.0	22			10
AS553812	G3/8	G1/2	9	26.0	27			10
AS553834	G3/8	G3/4	9	26.0	32			10
AS551212	G1/2	G1/2	10	26.0	27			10
AS551234	G1/2	G3/4	10.5	27.5	32			10
AS551201	G1/2	G1	11	29	38			10
AS553434	G3/4	G3/4	11	27.0	32			10
AS553401	G3/4	G1	11	29	38			10
AS550101	G1	G1	13	31	38			10



## AS 550R

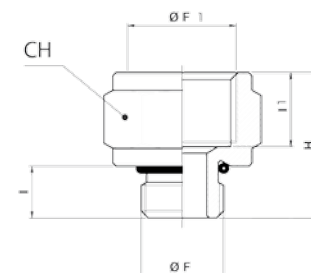
new



### Maggiorazione maschio-femmina cilindrico BSPP con O-ring

Extension male-female parallel BSPP with O-ring  
Verlängerung zylindrisches Gewinde mit O-ring

Codice/Code	F"	F1"	I	I1	H	CH		
AS550R1818	G1/8	G1/8	6.5	8.5	17	14		10
AS550R1814	G1/8	G1/4	6.5	11	20	17		10
AS550R1838	G1/8	G3/8	6.5	11.5	21	22		10
AS550R1414	G1/4	G1/4	8	11	21.5	17		10
AS550R1438	G1/4	G3/8	8	11.5	22.5	22		10
AS550R1412	G1/4	G1/2	9	14	26	24		10
AS550R3838	G3/8	G3/8	9	11.5	23.5	22		10
AS550R3812	G3/8	G1/2	9	14	27	24		10



# Accessori standard in ottone

Brass standard accessories

Standardverschraubungen Messing

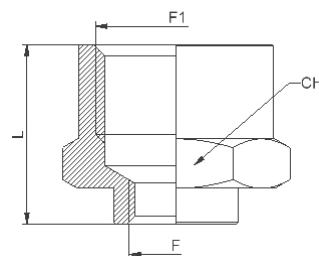
## AS 56



### Manicotto ridotto cilindrico BSPP-metrico

Reducing sleeve parallel BSPP-metric  
Muffe Reduziert

Codice/Code	F"	F1"	L	CH				
AS56M518	M5	G1/8	13.5	14				10
AS561814	G1/8	G1/4	20	17				10
AS561838	G1/8	G3/8	20	22				10
AS561812	G1/8	G1/2	24	24				10
AS561438	G1/4	G3/8	21	22				10
AS561412	G1/4	G1/2	26	24				10
AS563812	G3/8	G1/2	26	24				10
AS563834	G3/8	G3/4	25	32				10
AS563412	G1/2	G3/4	25	32				10
AS560112	G1/2	G1	25	38				10
AS560134	G3/4	G1	25	38				10



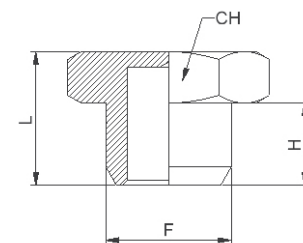
## AS 57



### Tappo esagonale (senza o-ring) cilindrico BSPP-metrico

Hexagon male plug (no o-ring) parallel BSPP-metric  
Stopfen zylindrisches Gewinde

Codice/Code	F"	H	L	CH				
AS5700M5	M5	4	7	8				10
AS570018	G1/8	6	10	14				10
AS570014	G1/4	8	12.5	17				10
AS570038	G3/8	9	13.5	19				10
AS570012	G1/2	10	15.0	24				10
AS570034	G3/4	11	16.5	30				10
AS570001	G1	12.5	18.5	38				10



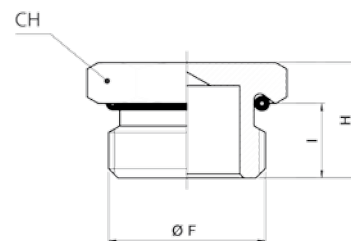
## AS 570R-E new



### Tappo esagonale con O-ring cilindrico BSPP

Hexagon male plug with O-ring parallel BSPP  
Stopfen zylindrisches Gewinde MIT o-RING

Codice/Code	F"	I	H	CH				
AS570R18E	G1/8	6.5	10.5	14				10
AS570R14E	G1/4	8	12.5	17				10
AS570R38E	G3/8	9	13.5	20				10
AS570R12E	G1/2	10	15.5	24				10



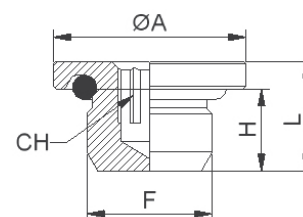
## AS 570R



### Tappo con O-ring, esagono interno, cilindrico BSPP-metrico

Male plug with o-ring internal hexagon parallel BSPP-metric  
Stopfen zylindrisches Gewinde mit O-Ring

Codice/Code	F"	H	L	ØA	CH			
AS57ORM5	M5	4	6.5	8	2.5			10
AS57OR18	G1/8	6.5	9.5	14	5			10
AS57OR14	G1/4	8	11.5	17	6			10
AS57OR38	G3/8	9	12.5	20	8			10
AS57OR12	G1/2	10	14.0	26	10			10



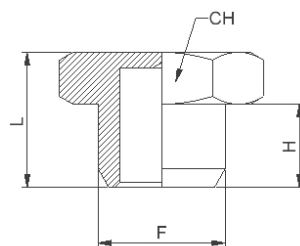
## AS 57K



### Tappo esagonale conico BSPT

Hexagon male plug taper BSPT  
Stopfen konisches Gewinde

Codice/Code	F"	H	L	CH					
AS57K0018	R1/8	7.5	11.5	10					10
AS57K0014	R1/4	11	15.5	14					10
AS57K0038	R3/8	11	16	17					10
AS57K0012	R1/2	12	17.5	22					10
AS57K0034	R3/4	15	21.0	27					10
AS57K0001	R1	15.5	22	34					10



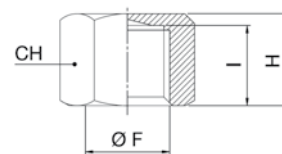
## AS 58



### Tappo femmina cilindrico BSPP-metrico

Female plug parallel BSPP-metric  
Stopfen, zylindrisches Gewinde

Codice/Code	F"	I	H	CH					
AS5800M5	M5	5.5	7	8					10
AS580018	G1/8	9	11	14					10
AS580014	G1/4	11	13	17					10
AS580038	G3/8	11	13.5	21					10
AS580012	G1/2	11	13.5	24					10
AS580034	G3/4	12.5	15	30					10
AS580001	G1	12.5	15	38					10



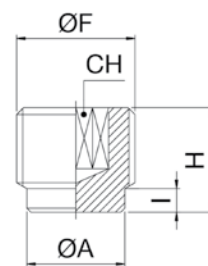
## AS 79



### Tappo a scomparsa cilindrico BSPP

Hidden plug-parallel BSPP  
Stopfen zylindrisches Gewinde

Codice/Code	F"	A	I	H	CH				
AS790018	G1/8	7.5	2	8	5				10
AS790014	G1/4	10	3	10	6				10
AS790038	G3/8	10	3.5	12	8				10
AS790012	G1/2	11	4	14	10				10



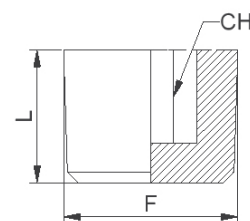
## AS 79K



### Tappo a scomparsa conico BSPT

Hidden plug-taper BSPT  
Stopfen konisches Gewinde

Codice/Code	F"	L	CH						
AS79K0018	R1/8	7.5	5						10
AS79K0014	R1/4	10	6						10
AS79K0038	R3/8	10.5	8						10
AS79K0012	R1/2	13	10						10
AS79K0034	R3/4	15.5	14						10
AS79K0001	R1	17.5	17						10





# Accessori standard in ottone

Brass standard accessories

Standardverschraubungen Messing

## AS 59

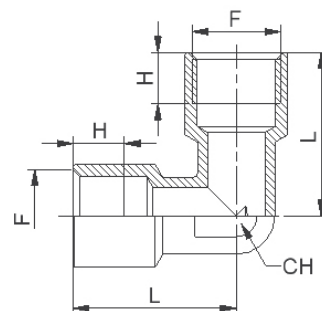


### Gomito femmina cilindrico BSPP

Elbow female parallel BSPP

Winkelstück zylindrisches Gewinde

Codice/Code	F"	H	L	CH				
AS5900M5	M5	4	11	9				10
AS590018	G1/8	8	21	10				10
AS590014	G1/4	11	25.5	13				10
AS590038	G3/8	11.5	28	17				10
AS590012	G1/2	14	33.5	21				10
AS590034	G3/4	16.5	36.5	25				10
AS590001	G1	19	45	30				10



## AS 60K

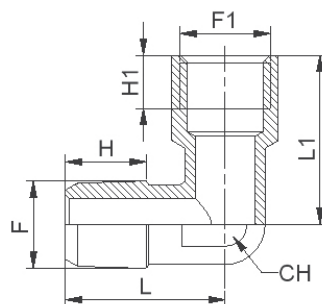


### Gomito maschio conico BSPT femmina cilindrico BSPP

Elbow male taper BSPT female parallel BSPP

Winkelstück konisches Gewinde

Codice/Code	F"	F1"	H	H1	L	L1	CH	
AS6000M5	M5	M5	4	5	11.5	11.0	9	10
AS60K0018	R1/8	G1/8	8	8	18.5	21	10	10
AS60K0014	R1/4	G1/4	11	11	23.5	25.5	13	10
AS60K0038	R3/8	G3/8	11.5	11.5	26.0	28	17	10
AS60K0012	R1/2	G1/2	14	14	31.0	33.5	21	10
AS60K0034	R3/4	G3/4	16	16.5	33	36.5	25	10
AS60K0001	R1	G1	17	19	39	45	30	10
AS60K1418	R1/4	G1/8	11	8	21.5	21	10	10



## AS 60

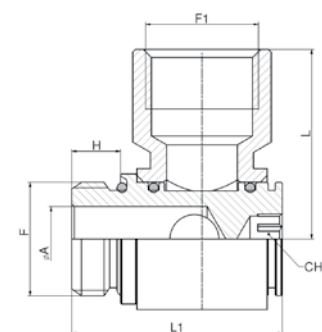


### Banjo singolo femmina girevole cilindrico BSPP

Single banjo female rotating body parallel BSPP

L Verschraubung drehbar, zylindrisches Gewinde

Codice/Code	F"	F1"	H	ØA	L	L1	Chi	
AS601414	G1/4	G1/4	6.5	7.8	25	31.5	4	10



## AS 61

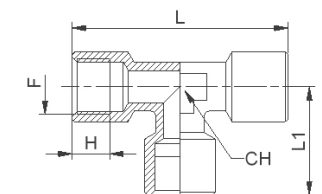


### T femmina cilindrico BSPP

T female parallel BSPP

T Stück, zylindrisches Gewinde

Codice/Code	F"	H	L	L1	CH			
AS6100M5	M5	5	22	11	9			10
AS610018	G1/8	8	42	21	10			10
AS610014	G1/4	11	51	25.5	13			10
AS610038	G3/8	11.5	56	28	17			10
AS610012	G1/2	14	67	33.5	21			10
AS610034	G3/4	16.5	73	36.5	25			10
AS610001	G1	19	90	45	30			10

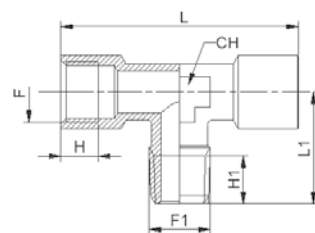


## AS 62K



**T centrale conico BSPT**  
Centre T male taper BSPT  
T Stück konisches Gewinde

Codice/Code	F"	F1"	H	H1	L	L1	CH	
<b>AS6200M5</b>	M5	M5	5	4	22	11.5	9	10
<b>AS62K0018</b>	G1/8	R1/8	8	8	42	18.5	10	10
<b>AS62K0014</b>	G1/4	R1/4	11	11	51	23.5	13	10
<b>AS62K0038</b>	G3/8	R3/8	11.5	11.5	56	26.0	17	10
<b>AS62K0012</b>	G1/2	R1/2	14	14	67	31.0	21	10
<b>AS62K0034</b>	G3/4	R3/4	16.5	16	73	33	25	10
<b>AS62K0001</b>	G1	R1	19	17.5	90	39	30	10

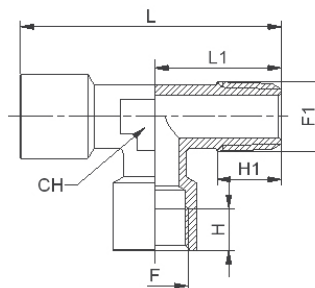


## AS 63K



**T laterale conico BSPT**  
Lateral T male taper BSPT  
Lateral T Stück konisches Gewinde

Codice/Code	F"	F1"	H	H1	L	L1	CH	
<b>AS6300M5</b>	M5	M5	5	4	22.5	12	9	10
<b>AS63K0018</b>	G1/8	R1/8	8	8	39.5	18.5	10	10
<b>AS63K0014</b>	G1/4	R1/4	11.5	11.5	49.0		13	10
<b>AS63K0038</b>	G3/8	R3/8	11.5	11.5	54.0	26.0	17	10
<b>AS63K0012</b>	G1/2	R1/2	14	14	64.5	31.0	21	10
<b>AS63K0034</b>	G3/4	R3/4	16.5	16	69.5	33	25	10
<b>AS63K0001</b>	G1	R1	19	17.5	84	39	30	10

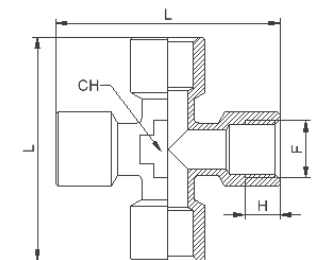


## AS 64



**Croce femmina cilindrico BSPP**  
Female cross parallel BSPP  
Kreuzstück

Codice/Code	F"	H	L	CH				
<b>AS640018</b>	G1/8	8	42	10				10
<b>AS640014</b>	G1/4	11	51	13				10
<b>AS640038</b>	G3/8	11.5	56	17				10
<b>AS640012</b>	G1/2	14	67	21				10

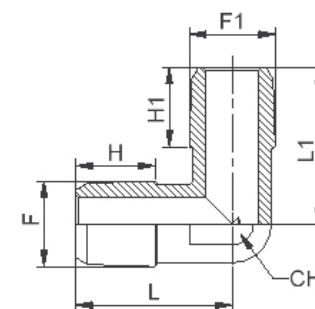


## AS 65K



**Gomito maschio conico BSPT**  
Elbow male taper BSPT  
Winkelstück

Codice/Code	F"	F1"	H	H1	L	L1	CH	
<b>AS6500M5</b>	M5	M5	4	4	11.5	11.5	9	10
<b>AS65K0018</b>	R1/8	R1/8	8	8	18.5	18.5	10	10
<b>AS65K1418</b>	R1/4	R1/8	11	8	21.5	18.5	10	10
<b>AS65K0014</b>	R1/4	R1/4	11	11	23.5	23.5	13	10
<b>AS65K0038</b>	R3/8	R3/8	11.5	11.5	26.0	26.0	17	10
<b>AS65K0012</b>	R1/2	R1/2	14	14	31.0	31.0	21	10
<b>AS65K0034</b>	R3/4	R3/4	16	16	33	33	25	10
<b>AS65K0001</b>	R1	R1	17	17	39	39	30	10



# Accessori standard in ottone

Brass standard accessories

Standardverschraubungen Messing

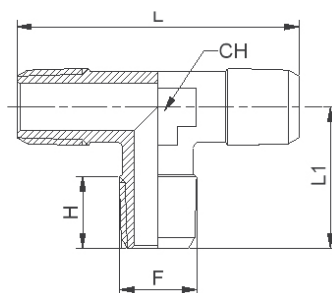
## AS 66K



### T maschio conico BSPT

T male taper BSPT  
T Stück konisches Gewinde

Codice/Code	F"	H	L	L1	CH			
AS6600M5	M5	5	27.5	13.5	8			10
AS66K0018	R1/8	8	37	18.5	10			10
AS66K0014	R1/4	11	47	23.5	13			10
AS66K0038	R3/8	11.5	52	26	17			10
AS66K0012	R1/2	14.0	62	31	21			10
AS66K0034	R3/4	16.0	66.4	33	25			10
AS66K0001	R1	17.5	78	39	30			10



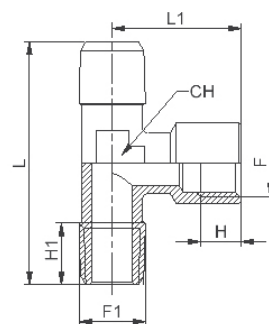
## AS 67K



### T femmina doppio laterale conico BSPT

Double lateral female T taper BSPT  
T Stück, Innengewinde, konisches Gewinde

Codice/Code	F"	F1"	H	H1	L	L1	CH	
AS6700M5	M5	M5	5.5	5	27.5	13	8	10
AS67K0018	G1/8	R1/8	8	8	37	21	10	10
AS67K0014	G1/4	R1/4	11	11	47	25.5	13	10
AS67K0038	G3/8	R3/8	11.5	11.5	52	28	17	10
AS67K0012	G1/2	R1/2	15	14	62	33.5	21	10
AS67K0034	G3/4	R3/4	16.5	16	66.4	36.5	25	10
AS67K0001	G1	R1	19	17.5	78	45	30	10



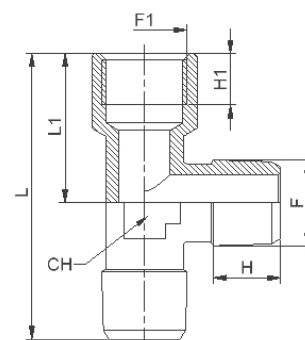
## AS 68K



### T femmina laterale-centrale conico BSPT

Lateral-central female T taper BSPT  
T Stück konisches Gewinde

Codice/Code	F"	F1"	H	H1	L	L1	CH	
AS6800M5	M5	M5	5	5.5	26	12	8	10
AS68K0018	R1/8	G1/8	8	8	39.5	18.5	10	10
AS68K0014	R1/4	G1/4	11	11	49	23.5	13	10
AS68K0038	R3/8	G3/8	11.5	11.5	54	26	17	10
AS68K0012	R1/2	G1/2	14	14	64.5	31	21	10
AS68K0034	R3/4	G3/4	16	16.5	69.5	33	25	10
AS68K0001	R1	G1	17.5	19	84	39	30	10



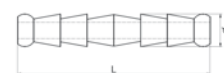
## AS 69D



### Portagomma a resca doppio

Double hose adapter  
Doppel Schlauchtülle

Codice/Code	L	Ø						
AS69D0006	36	6						10
AS69D0008	44.5	8						10
AS69D0010	44.5	10						10



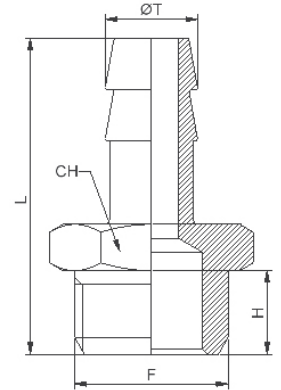
## AS 69



### Portagomma maschio cilindrico BSPP-metrico

Hose male adapter parallel BSPP-metric  
Schlauchtülle zylindrisches Gewinde

Codice/Code	ØT	F"	H	L	CH			
AS69M504	4.5	M5	4	22.5	8			10
AS691806	6	G1/8	6	29.5	12			10
AS691406	6	G1/4	8	32	14			10
AS691807	7	G1/8	6	29.5	12			10
AS691407	7	G1/4	8	32	14			10
AS691808	8	G1/8	6	29.5	12			10
AS691408	8	G1/4	8	32	14			10
AS693808	8	G3/8	9	33	19			10
AS691809	9	G1/8	6	29.5	12			10
AS691409	9	G1/4	6	32	14			10
AS693809	9	G3/8	9	33	19			10
AS691810	10	G1/8	6	30.5	12			10
AS691410	10	G1/4	8	33	14			10
AS693810	10	G3/8	9	34	19			10
AS691412	12	G1/4	8	33	14			10
AS693812	12	G3/8	9	34	19			10
AS691212	12	G1/2	10	35.5	22			10
AS693814	14	G3/8	9	34	19			10
AS691214	14	G1/2	10	37.5	22			10
AS693817	17	G3/8	9	37	19			10
AS691217	17	G1/2	10	39.5	22			10
AS693418	18	G3/4	11	41.5	30			10
AS691220	20	G1/2	10	39.5	22			10
AS693420	20	G3/4	11	41.5	30			10



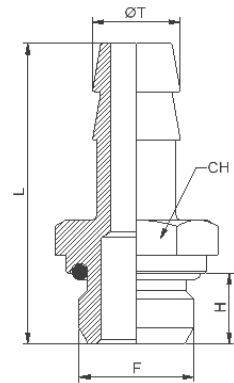
## AS 69OR



### Portagomma maschio con o-ring cilindrico BSPP-metrico

Hose male adapter with o-ring parallel BSPP-metric  
Schlauchtülle zylindrisches Gewinde mit O-Ring

Codice/Code	ØT	F"	H	L	CH			
AS69ORM545	4.5	M5	4.5	23	8			10
AS69OR1806	6	G1/8	6.5	30	14			10
AS69OR1406	6	G1/4	8	32	17			10
AS69OR1807	7	G1/8	6.5	30	14			10
AS69OR1407	7	G1/4	8	32	17			10
AS69OR1808	8	G1/8	6.5	30	14			10
AS69OR1408	8	G1/4	8	32	17			10
AS69OR1809	9	G1/8	6.5	30	14			10
AS69OR1409	9	G1/4	8	32	17			10
AS69OR3809	9	G3/8	9	33	20			10
AS69OR1810	10	G1/8	6	31.5	13			10
AS69OR1410	10	G1/4	8	34	16			10
AS69OR1412	12	G1/4	8	33	17			10
AS69OR3812	12	G3/8	9	34	20			10
AS69OR1212	12	G1/2	10	35.5	24			10
AS69OR3817	17	G3/8	9	38	20			10
AS69OR1217	17	G1/2	10	39.5	24			10



# Accessori standard in ottone

Brass standard accessories

Standardverschraubungen Messing

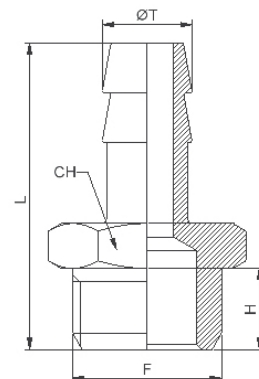
## AS 69K



### Portagomma maschio conico BSPT

Hose male adapter taper BSPT  
Schlauchtülle konisches Gewinde

Codice/Code	ØT	F"	H	L	CH			
AS69K1806	6	R1/8	8	31.5	12			10
AS69K1406	6	R1/4	11	35	14			10
AS69K1807	7	R1/8	8	31.5	12			10
AS69K1407	7	R1/4	11	35	14			10
AS69K1808	8	R1/8	8	31.5	12			10
AS69K1408	8	R1/4	11	35	14			10
AS69K1809	9	R1/8	8	31.5	12			10
AS69K1409	9	R1/4	11	35	14			10
AS69K3809	9	R3/8	11.5	36.5	17			10
AS69K1209	9	R1/2	14	38.5	22			10
AS69K1810	10	R1/8	8	32.5	12			10
AS69K1410	10	R1/4	11	36	14			10
AS69K3810	10	R3/8	11.5	36.5	17			10
AS69K1210	10	R1/2	14	39.5	22			10
AS69K1412	12	R1/4	11	36	14			10
AS69K3812	12	R3/8	11.5	36.5	17			10
AS69K1212	12	R1/2	14	39.5	22			10
AS69K3814	14	R3/8	11.5	38.5	17			10
AS69K1214	14	R1/2	14	41.5	22			10
AS69K3816	16	R3/8	11.5	38.5	17			10
AS69K1216	16	R1/2	14	41.5	22			10
AS69K3416	16	R3/4	16.5	45	27			10
AS69K3817	17	R3/8	11.5	40.5	18			10
AS69K1217	17	R1/2	14	43.5	22			10
AS69K3818	18	R3/8	11.5	40.5	19			10
AS69K1218	18	R1/2	14	43.5	22			10
AS69K3418	18	R3/4	16.5	47	27			10
AS69K3820	20	R3/8	11.5	41	22			10
AS69K1220	20	R1/2	14	43.5	22			10
AS69K3420	20	R3/4	16.5	46.5	27			10
AS69K3425	25	R3/4	16.5	53	27			10
AS69K0125	25	R1	19	56	34			10



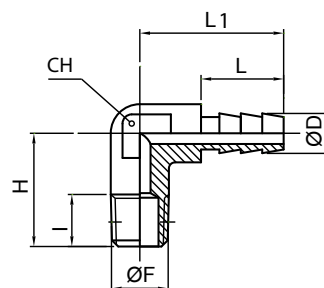
## AS 69KL



### Gomito 90° portagomma maschio conico BSPT

Elbow 90° hose male adaptor taper BSPT  
Winkelschlauchtülle 90° konisches Gewinde

Codice/Code	ØD	F"	I	H	L	L1	CH	
AS69KL1806A	6	R1/8	8	18.5	22.5	14	8	10
AS69KL1806B	6	R1/8	10	23	22.5	14	8	10
AS69KL1406	6	R1/4	11	23	23	14	9	10
AS69KL1807A	7	R1/8	8	18.5	22.5	14	8	10
AS69KL1807B	7	R1/8	10	23	22.5	14	8	10
AS69KL1407	7	R1/4	11	23	23	14	9	10



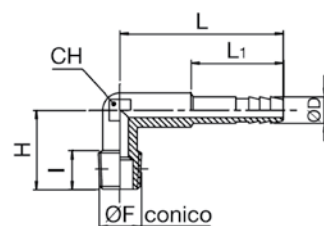
## AS 93KL



### Gomito 90° portagomma maschio conico BSPT serie lunga

Elbow 90° hose male adaptor taper BSPT long serie  
Winkelschlauchtülle 90° Lang, konisches Gewinde

Codice/Code	ØD	F"	I	H	L	L1	CH	
AS93KL1806A	6	R1/8	10	22	32.5	14	9	10
AS93KL1806B	6	R1/8	8	18.5	38	22	8	10
AS93KL1406A	6	R1/4	11	23	32.5	14	9	10
AS93KL1807A	7	R1/8	10	22	32.5	14	9	10
AS93KL1807B	7	R1/8	8	18.5	38	22	8	10
AS93KL1407B	7	R1/4	11	23	32.5	14	9	10



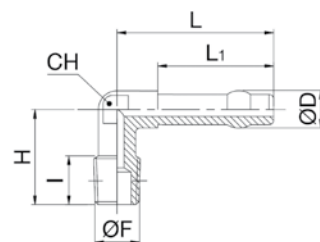
## AS 94KL



### Gomito 90° portagomma maschio conico BSPT raggato

Elbow 90° hose male adaptor taper BSPT  
Winkelschlauchtülle 90° konisches Gewinde

Codice/Code	ØD	F"	I	H	L	L1	CH	■
AS94KL1806	6	R1/8	11	20.5	34.5	25	9	10
AS94KL1807	7	R1/8	11	20.5	34.5	25	9	10



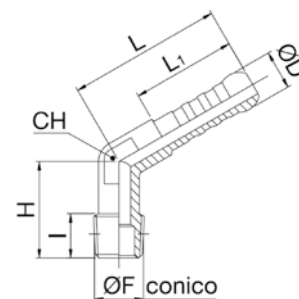
## AS 95KL



### Gomito 120° portagomma maschio conico BSPT raggato

Elbow 120° hose male adaptor taper BSPT  
Winkelschlauchtülle 120° konisches Gewinde

Codice/Code	ØD	F"	I	H	L	L1	CH	■
AS95KL1806	6	R1/8	8	18.5	29.5	20	8	10
AS95KL1807	7	R1/8	8	18.5	29.5	20	8	10



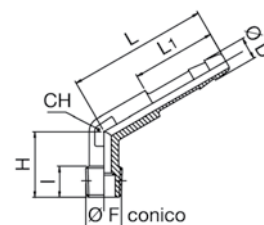
## AS 96KL



### Gomito 120° portagomma maschio conico BSPT serie lunga

Elbow 120° hose male adaptor taper BSPT long serie  
Winkelschlauchtülle 120° Lang, konisches Gewinde

Codice/Code	ØD	F"	I	H	L	L1	CH	■
AS96KL1806	6	R1/8	8	18.5	38	23	8	10
AS96KL1807	7	R1/8	8	18.5	38	23	8	10



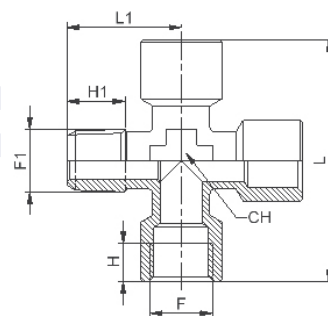
## AS 70K



### Croce 3 femmine 1 maschio conico BSPT

Cross 3 female 1 male taper BSPT  
Kreuzstück konisches Gewinde

Codice/Code	F"	F1"	H	H1	L	L1	CH	■
AS70K0018	G1/8	R1/8	8	8	42	18.5	10	10
AS70K0014	G1/4	R1/4	11	11	51	23.5	13	10
AS70K0038	G3/8	R3/8	11.5	11.5	56	26	17	10
AS70K0012	G1/2	R1/2	14	14	67	31	21	10





# Accessori standard in ottone

Brass standard accessories

Standardverschraubungen Messing

## AS 72

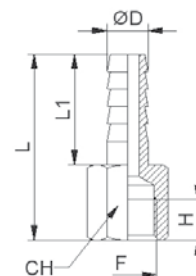


### Portagomma femmina cilindrico BSPP

Hose female adapter parallel BSPP

Schlauchtülle Innengewinde zylindrisches Gewinde

Codice/Code	Ø D	F"	H	L	L1	CH		
AS721806	6	G1/8	8	28.5	19	12		10
AS721406	6	G1/4	11	31.5	19	15		10
AS721807	7	G1/8	8	28.5	19	12		10
AS721407	7	G1/4	11	31.5	19	15		10
AS721808	8	G1/8	8	28.5	19	12		10
AS721408	8	G1/4	11	31.5	19	15		10
AS723808	8	G3/8	10	34.5	19.5	19		10
AS721208	8	G1/2	10	32.5	19	17		10
AS721809	9	G1/8	8	28.5	19	12		10
AS721409	9	G1/4	11	31.5	19	15		10
AS723809	9	G3/8	11.5	32	19	19		10
AS721810	10	G1/8	8	29.5	20	12		10
AS721410	10	G1/4	11	32.5	20	15		10
AS723810	10	G3/8	11.5	33	20	19		10
AS721210	10	G1/2	14	36	20	24		10
AS721412	12	G1/4	11	32.5	20	15		10
AS723812	12	G3/8	11.5	33	20	19		10
AS721212	12	G1/2	14	36	20	24		10
AS723814	14	G3/8	11.5	35	22	19		10
AS721214	14	G1/2	14	38	22	24		10
AS723816	16	G3/8	11.5	35	22	19		10
AS721216	16	G1/2	14	38	22	24		10
AS723817	17	G3/8	11.5	37	24	19		10
AS721217	17	G1/2	14	40	24	24		10
AS721218	18	G1/2	14	40	24	24		10
AS723418	18	G3/4	15	41.5	24	29		10
AS721220	20	G1/2	14	40.5	23	25		10
AS723420	20	G3/4	15	41.5	24	29		10
AS723425	25	G3/4	15	47.5	30	29		10



## AS 73

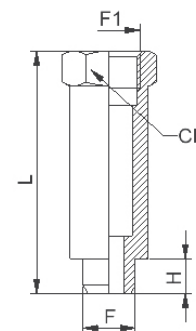


### Prolunga cilindrico BSPP

Extension parallel BSPP

Verlängerung zylindrisches Gewinde

Codice/Code	F"	F1"	H	L	CH		
AS731822	G1/8	G1/8	6	22	14		10
AS731832	G1/8	G1/8	7	32	14		10
AS731842	G1/8	G1/8	6	42	14		10
AS731851	G1/8	G1/8	6	51	14		10
AS731428	G1/4	G1/4	8	28	16		10
AS731435	G1/4	G1/4	8	35	17		10
AS731451	G1/4	G1/4	8	51	17		10
AS733841	G3/8	G3/8	9	41	22		10
AS731236	G1/2	G1/2	10	36	24		10
AS733450	G3/4	G3/4	12	50	30		10
AS730150	G1	G1	12	50	38		10



## AS 75K

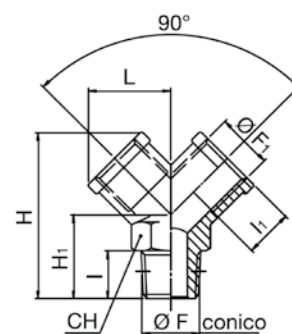


### Y maschio conico BSPT

Y male taper BSPT

Y Verteiler Außengewinde konisches Gewinde

Codice/Code	F"	F1"	I	I1	H1	L	H	CH	
AS75K0018	R1/8	G1/8	8	8	16	14.5	32	13	10
AS75K0014	R1/4	G1/4	11	11	20	18	38	17	10
AS75K0038	R3/8	G3/8	11.5	11.5	22	20.5	42.5	20	10
AS75K0012	R1/2	G1/2	14	14	27	26.5	53	25	10



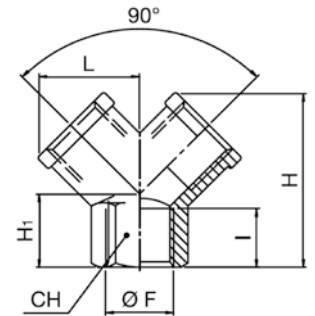
## AS 76



### Y femmina cilindrico BSPP

Y female parallel BSPP  
Y Verteiler Innengewinde

Codice/Code	F"	I	H1	L	H	CH	
<b>AS760018</b>	G1/8	8	12	14.5	26.5	13	10
<b>AS760014</b>	G1/4	11	14	18	32	17	10
<b>AS760038</b>	G3/8	11.5	16	20.5	37	20	10
<b>AS760012</b>	G1/2	14	19	26.5	45	25	10



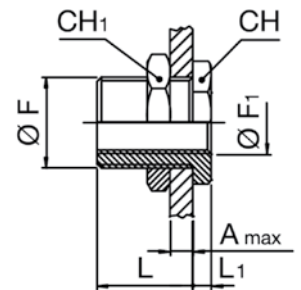
## AS 77



### Diritto femmina passalamiera cilindrico BSPP-metrico

Straight female bulkhead parallel BSPP -metric  
Schottverschraubung

Codice/Code	F"	F1"	A max	L	L1	CH	CH1	
<b>AS7700M5</b>	M10x1	M5	7	10.5	3.5	14	14	10
<b>AS770018</b>	M16x1.5	G1/8	10	14	4	19	22	10
<b>AS770014</b>	M20x1.5	G1/4	16	21	4	24	27	10
<b>AS770038</b>	M26x1.5	G3/8	15	21	5	30	32	10
<b>AS770012</b>	M28x1.5	G1/2	21	27	6	32	36	10



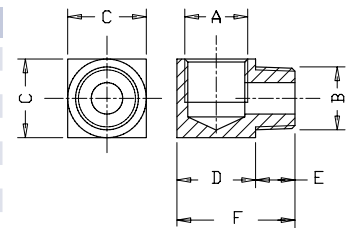
## AS 80K



### L maschio conico BSPT femmina cilindrico BSPP-metrico

Elbow male taper BSPT female parallel BSPP-metric  
Winkelverschraubung konisches Gewindeisch/zylindrisch

Codice/Code	A"	B"	C	D	E	F	
<b>AS80M5M5</b>	M5	M5	9	9	4.6	13.6	10
<b>AS80K1818</b>	G1/8	R1/8	14	14	8	22	10
<b>AS80K1814</b>	G1/8	R1/4	18	18	8	26	10
<b>AS80K1418</b>	G1/4	R1/8	18	18	10	28	10
<b>AS80K1414</b>	G1/4	R1/4	18	18	10	28	10
<b>AS80K1438</b>	G1/4	R3/8	20	21	10	31	10
<b>AS80K3814</b>	G3/8	R1/4	20	21	11	32	10
<b>AS80K3838</b>	G3/8	R3/8	20	21	11	32	10



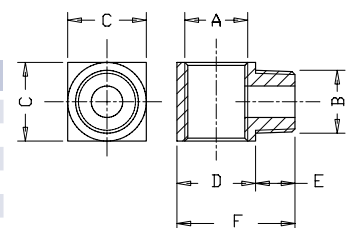
## AS 81K



### T maschio conico BSPT femmina cilindrico BSPP-metrico

T male taper BSPT female parallel BSPP-metric  
T-Stück konisches Gewindeisch/zylindrisch

Codice/Code	A"	B"	C	D	E	F	
<b>AS81M5M5</b>	M5	M5	9	9	4.6	13.6	10
<b>AS81K1818</b>	G1/8	R1/8	14	14	9	22	10
<b>AS81K1414</b>	G1/4	R1/4	18	18	10	28	10
<b>AS81K3838</b>	G3/8	R3/8	20	21	11	32	10



# Accessori standard in ottone

## Brass standard accessories

### Standardverschraubungen Messing

#### AS 82K



#### Raccordo a 3 pezzi conico BSPT

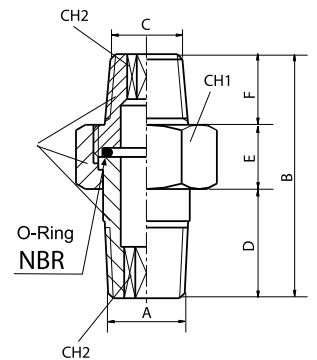
Three pieces union taper BSPT  
Doppelnippel, lösbar, konisches Gewinde

Codice/Code	A"	B	C"	D	E	F	CH1	CH2	
AS82K1818	R1/8	33	R1/8	15	8.5	9.5	15	5	10
AS82K1814	R1/8	34	R1/4	15	8.5	10.5	15	5	10
AS82K1414	R1/4	38	R1/4	17	10	11	19	6	10
AS82K1438	R1/4	40	R3/8	17	10	13	19	6	10
AS82K3838	R3/8	52	R3/8	23	16	13	26	10	10
AS82K3812	R3/8	53	R1/2	23	16	14	26	10	10
AS82K1212	R1/2	54	R1/2	24	16	14	30	12	10

**Pressione di esercizio:** Max 10 Bar  
*Working pressure:* Max 10 Bar  
*Betriebsdruck:* Max 10 Bar

**Temperatura di utilizzo:** -10°C ÷ 85°C  
*Temperature range:* -10°C ÷ 85°C  
*Temperatur:* -10°C ÷ 85°C

**Corpo Ottone nichelato:** O-Ring NBR  
*Body Brass nickel plated:* O-Ring NBR  
*Messing vernickelt körper:* O-Ringe NBR



#### AS 87



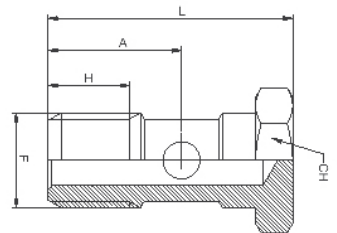
#### Asta 1 posizione cilindrico BSPP-metrico

Steam 1 position parallel BSPP-metric  
Drosselschraube einfach

Codice/Code	F"	A	H	L	CH		
AS8700M5	M5	9,6	6	18	8		10
AS870018	G1/8	15	9	28	14		10
AS870014	G1/4	18	11	33	17		10
AS870038	G3/8	21,5	12	37	22		10
AS870012	G1/2	24	14	42	27		10

**Articolo da assemblare con RC**  
*Item used for RC*  
*Artikel zusammgebaut mit RC*

Possibili combinazioni a richiesta (1 su ogni asta)  
*Possible combinations on demand*  
*Mögliche Kombinationen auf Anfrage (1 auf jeder Stück)*



#### AS 88



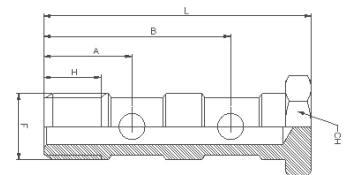
#### Asta doppia cilindrico BSPP

Steam 2 positions parallel BSPP  
Drosselschraube zweifach

Codice/Code	F"	H	A	B	L	CH	
AS880018	G1/8	9	15	31	44,5	14	10
AS880014	G1/4	11	17	36	51,5	17	10
AS880038	G3/8	12	20,5	42	58,6	22	10
AS880012	G1/2	14	24	50	68	27	10

**Articolo da assemblare con RC**  
*Item used for RC*  
*Artikel zusammgebaut mit RC*

Possibili combinazioni a richiesta (2 per ogni asta)  
*Possible combination on demand (2 for each steam)*  
*Mögliche Kombinationen auf Anfrage (2 auf jeder Stück)*



## AS 870R



### Asta singola cilindrica BSPP con o-ring

Steam single parallel BSPP with o-ring  
Drosselschraube einfach mit O-RING

Codice/Code	F"	H	A	L	CH		
<b>AS870R18</b>	G1/8	4.5	13.75	25	14		10
<b>AS870R14</b>	G1/4	6	16.7	30	17		10
<b>AS870R38</b>	G3/8	6	18	34	22		10
<b>AS870R12</b>	G1/2	7.4	21.5	39.5	27		10

### Articolo da assemblare con RT - RK

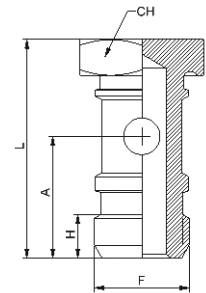
Item used for RT - RK

Artikel zusammengebaut mit RT - RK

Possibili combinazioni a richiesta (1 su ogni asta)

Possible combinations on demand

Mögliche Kombinationen auf Anfrage (1 auf jeder Stück)



## AS 880R



### Asta doppia cilindrica BSPP con o-ring

Steam double parallel BSPP with o-ring  
Drosselschraube zweifach mit O-RING

Codice/Code	F"	H	A	B	L	CH	
<b>AS880R18</b>	G1/8	4.5	13	29	40	14	10
<b>AS880R14</b>	G1/4	6	16.5	33.5	47	17	10
<b>AS880R38</b>	G3/8	8.5	17	37.6	52.5	22	10
<b>AS880R12</b>	G1/2	10.8	21	45	63	27	10

### Articolo da assemblare con RT - RK

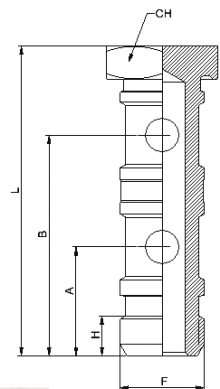
Item used for RT - RK

Artikel zusammengebaut mit RT - RK

Possibili combinazioni a richiesta (2 per ogni asta)

Possible combination on demand (2 for each steam)

Mögliche Kombinationen auf Anfrage (2 auf jeder Stück)



## Accessori standard in ottone

Brass standard accessories

Standardverschraubungen Messing

### AS 91

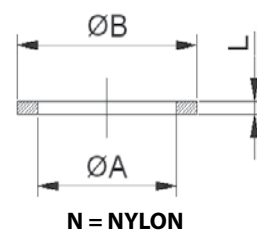


#### Rondelle in nylon / alluminio

Washers in nylon / aluminum

Dichtungen Nylon / Aluminium

Codice/Code	ØA	ØB	L	
AS91N00M5	M5	8.5	1.5	100
AS91N0018	G1/8	14	1.5	100
AS91N0014	G1/4	18	1.5	100
AS91N0038	G3/8	21	1.5	100
AS91N0012	G1/2	26	1.5	100
AS910018	G1/8	14	1.5	100
AS910014	G1/4	17.3	1.5	100
AS910038	G3/8	21	1.5	100
AS910012	G1/2	26	1.5	100



### AS 92N

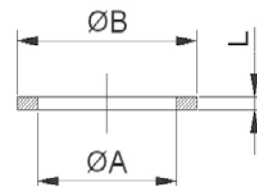


#### Rondella in nylon dentellata

Nylon washers serrated

Dichtungen Nylon gezähnt

Codice/Code	ØA	ØB	L	
AS92N00M5	M5	8	1	100
AS92N0018	G1/8	14	1.5	100
AS92N0014	G1/4	18	1.5	100
AS92N0038	G3/8	21	1.5	100
AS92N0012	G1/2	26	1.5	100



### AS 99



#### Asta 1 posizione femmina cilindrico BSPP

Female steam 1 position parallel BSPP

Drosselschraube einfach Innengewinde

Codice/Code	F"	F1"	H	H1	L	A	CH	
AS990018	G1/8	G1/8	6.5	6	32	13.25	14	10
AS990014	G1/4	G1/4	7.5	8	38	15.2	17	10

#### Articolo da assemblare con RC

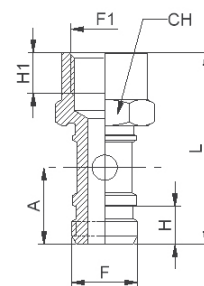
Item used for RC

Artikel zusammgebaut mit RC

Possibili combinazioni a richiesta (1 su ogni asta)

Possible combinations on demand

Mögliche Kombinationen auf Anfrage (1 auf jeder Stück)



RC65



RC66



RC72

## Dati tecnici accessori standard teflonati

Tefloned standard accessories technical data  
Technische Daten der Standardverschraubungen Messing mit Teflon

### Applicazioni

Pneumatica (idraulica a bassa pressione)

### Materiali

Corpo: Ottone nichelato CW614 N / CW617 N

### Pressione di esercizio

La pressione massima di esercizio è determinata dalle caratteristiche del tipo di tubo utilizzato (pressione max consigliata 60 bar)

### Temperatura di utilizzo

La temperatura di utilizzo è determinata dalle caratteristiche del tipo di tubo

### Filettatura

BSPT conica UNI-ISO 7 teflonata

### Filetti

Filettature da 1/8" a 3/4"

### Note

Disponibili altri articoli su richiesta

### Applications

Pneumatic (hydraulic system with low pressure)

### Materials

Body: Nickel plated brass CW614 N / CW617 N

### Working pressure

Pressure depend on the tube features (max pressure suggested 60 bar)

### Temperature range

Temperature depend on the pipe's features used

### Thread types

BSPT taper UNI-ISO 7 with teflon

### Threads

Threads from 1/8" to 3/4"

### Note

Other article available on demand

### Anwendungen

Pneumatisch (hydraulische Niederdruck)

### Werkstoffe

Körper: Messing vernickelt CW514N/CW617N

### Betriebsdruck

Der maximale Betriebsdruck wird durch die Merkmale des verwendeten Rohrtyp (empfohlen max: 60 bar) bestimmt

### Temperatur

Die Temperatur der Verwendung wird durch die Merkmale des Typs der Schlauch bestimmt

### Gewinden

BSPT konische UNI-ISO 7 mit Teflon

### Gewinde

Gewinde von 1/8" bis 3/4"

### Note

Andere Artikeln zur Verfügung auf Anfrage



# Accessori standard teflonati

Tefloned standard accessories

Standardverschraubungen Messing mit Teflon

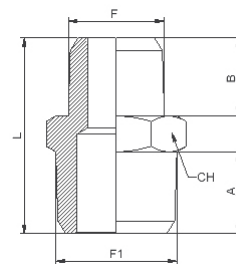
## AT 52K



### Nipplo conico BSPT teflonato

Tefloned nipple taper BSPT  
Nippel mit Teflon konisches Gewinde

Codice/Code	F"	F1"	A	B	L	CH		
AT52K1818	R1/8	R1/8	7.5	7.5	19	12		10
AT52K1814	R1/8	R1/4	11	7.5	23	14		10
AT52K1838	R1/8	R3/8	11	7.5	23.5	17		10
AT52K1414	R1/4	R1/4	11	11	27	14		10
AT52K1438	R1/4	R3/8	11	10.5	26.5	17		10
AT52K1412	R1/4	R1/2	12.5	10.5	28.5	22		10
AT52K3838	R3/8	R3/8	11	11.0	27	17		10
AT52K3812	R3/8	R1/2	14	11.5	31	22		10
AT52K1212	R1/2	R1/2	12.5	12.5	30.5	22		10
AT52K1234	R1/2	R3/4	14	12.5	32.5	27		10
AT52K3434	R3/4	R3/4	14	14.0	34.5	27		10



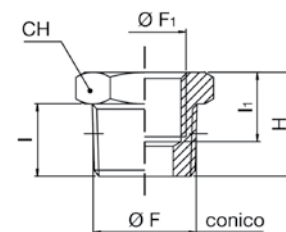
## AT 54K



### Riduzione femmina cilindrico-maschio conico BSPT teflonato

Tefloned reducer female cylindrical-male taper BSPT  
Reduzierung Innengewinde zylindrische / Außengewinde konische mit Teflon

Codice/Code	F"	F1"	L	L1	H	CH		
AT54K1418	R1/4	G1/8	11	9	15.5	14		10
AT54K3818	R3/8	G1/8	11	9	16	17		10
AT54K3814	R3/8	G1/4	11	11	16	17		10
AT54K1218	R1/2	G1/8	12.5	10	18	22		10
AT54K1214	R1/2	G1/4	12.5	11.5	18	22		10
AT54K1238	R1/2	G3/8	12.5	11.5	18	22		10
AT54K3412	R3/4	G1/2	14	14	20	27		10



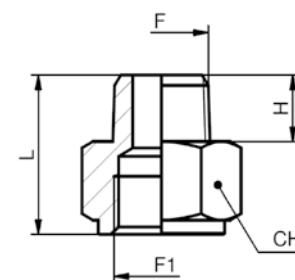
## AT 55K



### Maggiorazione femmina cilindrico - maschio conico BSPT teflonato

Tefloned extension female cylindrical - male taper BSPT  
Verlängerung Innengewinde zylindrische / Außengewinde konische mit Teflon

Codice/Code	F"	F1"	H	L	CH			
AT55K1818	R1/8	G1/8	7.5	18.5	14			10
AT55K1814	R1/8	G1/4	7.5	21.0	17			10
AT55K1838	R1/8	G3/8	7.5	21.5	22			10
AT55K1414	R1/4	G1/4	10.5	24	17			10
AT55K1438	R1/4	G3/8	10.5	24.5	22			10
AT55K1412	R1/4	G1/2	10.5	27.5	27			10
AT55K3838	R3/8	G3/8	10.5	24.5	22			10
AT55K3812	R3/8	G1/2	11.5	29.5	24			10
AT55K1212	R1/2	G1/2	12.5	28.5	27			10



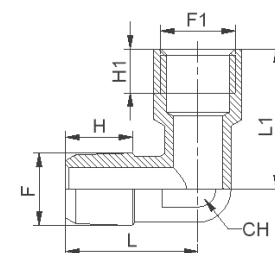
## AT 60K



### Gomito maschio-femmina conico BSPT teflonato

Tefloned elbow male female taper BSPT  
Winkelstück Außengewinde/Innengewinde konisches Gewinde mit Teflon

Codice/Code	F"	F1"	H	H1	L	L1	CH	
AT60K0018	R1/8	G1/8	8	8	18.5	21	10	10
AT60K0014	R1/4	G1/4	11	11	23.5	25.5	13	10
AT60K0038	R3/8	G3/8	11.5	11.5	26	28	17	10
AT60K0012	R1/2	G1/2	14	14	31	33.5	21	10



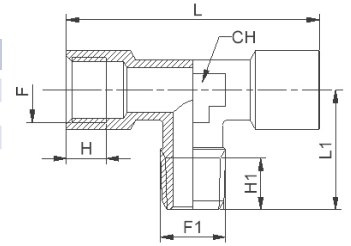
## AT 62K



### T centrale conico BSPT teflonato

Tefloned centre T male taper BSPT  
T Stück konisches Gewinde mit Teflon

Codice/Code	F"	F1"	H	H1	L	L1	CH	
<b>AT62K0018</b>	G1/8	R1/8	8	8	42	18.5	10	10
<b>AT62K0014</b>	G1/4	R1/4	11	11	51	23.5	13	10
<b>AT62K0038</b>	G3/8	R3/8	11.5	11.5	56	26.0	17	10
<b>AT62K0012</b>	G1/2	R1/2	14	14	67	31.0	21	10



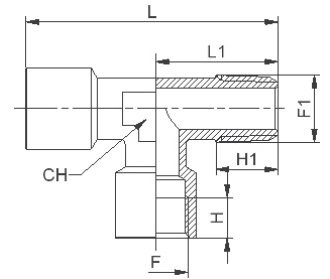
## AT 63K



### T laterale conico BSPT teflonato

Tefloned lateral T male taper BSPT  
T Stück konisches Gewinde mit Teflon

Codice/Code	F"	F1"	H	H1	L	L1	CH	
<b>AT63K0018</b>	G1/8	R1/8	8	8	39.5	18.5	10	10
<b>AT63K0014</b>	G1/4	R1/4	11.5	11.5	49	24	13	10
<b>AT63K0038</b>	G3/8	R3/8	11.5	11.5	54	26	17	10
<b>AT63K0012</b>	G1/2	R1/2	14	14	64.5	31	21	10



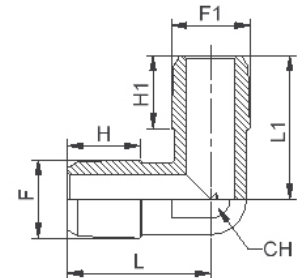
## AT 65K



### Gomito maschio conico BSPT teflonato

Tefloned elbow male taper BSPT  
Winkelstück konisches Gewinde mit Teflon

Codice/Code	F"	F1"	H	H1	L	L1	CH	
<b>AT65K0018</b>	R1/8	R1/8	8	8	18.5	18.5	10	10
<b>AT65K0014</b>	R1/4	R1/4	11	11	23.5	23.5	13	10
<b>AT65K0038</b>	R3/8	R3/8	11.5	11.5	26	26	17	10
<b>AT65K0012</b>	R1/2	R1/2	14	14	31	31	21	10



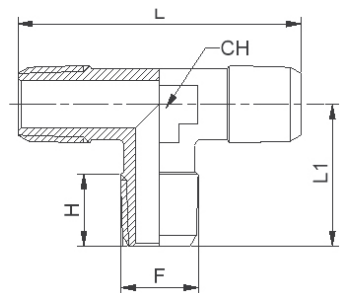
## AT 66K



### T maschio conico BSPT teflonato

Tefloned T male taper BSPT  
T Stück konisches Gewinde mit Teflon

Codice/Code	F"	H	L	L1	CH			
<b>AT66K0018</b>	R1/8	8	37	18.5	10			10
<b>AT66K0014</b>	R1/4	11.0	47	23.5	13			10
<b>AT66K0038</b>	R3/8	11.5	52	26.0	17			10
<b>AT66K0012</b>	R1/2	14.0	62	31.0	21			10



## Accessori standard teflonati

Tefloned standard accessories

Standardverschraubungen Messing mit Teflon

### AT 67K

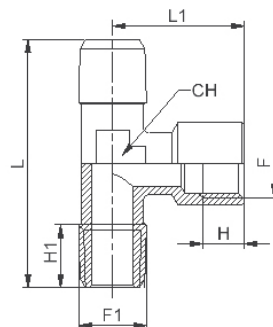


#### T femmina doppio laterale conico BSPT teflonato

Tefloned double lateral female T taper BSPT

T Stück Innengewinde konisches Gewinde mit Teflon

Codice/Code	F"	F1"	H	H1	L	L1	CH	■
<b>AT67K0018</b>	G1/8	R1/8	8	8	37	21	10	10
<b>AT67K0014</b>	G1/4	R1/4	11	11	47	25.5	13	10
<b>AT67K0038</b>	G3/8	R3/8	11.5	11.5	52	28	17	10
<b>AT67K0012</b>	G1/2	R1/2	15	14	62	33.5	21	10



### AT 68K

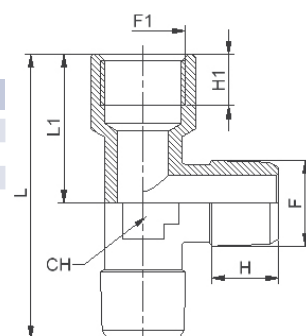


#### T femmina laterale - centrale conico BSPT teflonato

Tefloned lateral - central female T taper BSPT

T-Stück konisches Gewinde mit Teflon

Codice/Code	F"	F1"	H	H1	L	L1	CH	■
<b>AT68K0018</b>	R1/8	G1/8	8	8	39.5	18.5	10	10
<b>AT68K0014</b>	R1/4	G1/4	11	11	49	23.5	13	10
<b>AT68K0038</b>	R3/8	G3/8	11.5	11.5	54	26	17	10
<b>AT68K0012</b>	R1/2	G1/2	14	14	64.5	31	21	10



## Dati tecnici accessori in ottone giallo

Yellow brass accessories technical data

Technische Daten der Standardverschraubungen Messing gelb

### Applicazioni

Pneumatica (idraulica a bassa pressione)

### Applications

Pneumatic (hydraulic system with low pressure)

### Anwendungen

Pneumatisch (hydraulische Niederdruck)

### Materiali

Corpo Ottone CW614N / CW617N

### Materials

Body Brass CW614N / CW617N

### Werkstoffe

Körper Messing CW614N / CW617N

### Filettatura

BSPP cilindrica UNI-ISO228  
BSPT conica UNI-ISO 7

### Thread types

BSPP cylindrical UNI-ISO228  
BSPT taper UNI-ISO 7

### Gewinden

BSPP zylindrisch UNI-ISO228  
BSPT konisch UNI-ISO 7

### Filetti

Filettature da 1/4" a 4"

### Threads

Threads from 1/4" to 4"

### Gewinde

Gewinde von 1/4" bis 4"

### DIMENSIONI

Dimensions - Maße

### PRESSIONE DI ESERCIZIO - BAR

Working pressure - Betriebsdruck

da / from / von	a / to / bis	fino a / until / bis 120°C	fino a / until / bis 225°C
1/4"	3/4"	25	16
1"	2"	16	10
2" 1/2	4"	10	6

# Accessori in ottone giallo

Yellow brass accessories

Standardverschraubungen Messing gelb

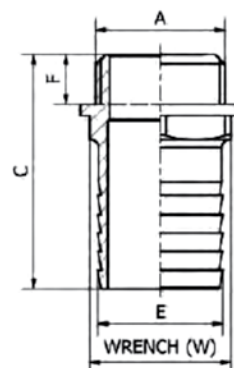
## AS 11-G



### Portagomma maschio tipo roma ottone giallo

Yellow brass roma male hose adaptor  
Schlauchtülle mit Außengewinde

	Codice/Code	A"	E	F	W	C	gr.		
new	AS111810G	1/8	10	8	15	30	10		10
new	AS111406G	1/4	6	8	15	31,5	11		10
new	AS111408G	1/4	8	8	15	34	14		10
new	AS111410G	1/4	10	9	15	37	18		10
new	AS111412G	1/4	12	9	15	37	23		10
new	AS111413G	1/4	13	9	15	37	23		10
new	AS111414G	1/4	14	9	15	37	24		10
new	AS113810G	3/8	10	8,5	19	38	25		10
new	AS113812G	3/8	12	8,5	19	38	25		10
new	AS113813G	3/8	13	8,5	19	38	22		10
new	AS113814G	3/8	14	9	17	37,5	27		10
	AS113815G	3/8	15	8,5	19	38	27		10
new	AS113816G	3/8	16	9,5	19	39,5	32		10
new	AS113818G	3/8	18	10,5	19	40	32		10
new	AS113820G	3/8	20	10,5	22	40,5	35		10
new	AS111210G	1/2	10	9,5	16	43	36		10
new	AS111212G	1/2	12	9,5	16	43	38		10
new	AS111213G	1/2	13	9,5	16	43,5	37		10
new	AS111214G	1/2	14	9,5	18	44,5	35		10
new	AS111215G	1/2	15	9,5	18	44,5	38		10
new	AS111216G	1/2	16	9,5	18	44,5	35		10
	AS111218G	1/2	18	9,5	20	47,5	45		10
	AS111220G	1/2	20	9,5	22	50	49		10
new	AS113413G	3/4	13	10	22	44,5	49		10
new	AS113414G	3/4	14	10	22	44,5	49		10
new	AS113416G	3/4	16	10	22	47,5	58		10
new	AS113418G	3/4	18	10	23	53	67		10
new	AS113419G	3/4	19	10	23	53	57		10
	AS113420G	3/4	20	10	23	53	62		10
new	AS113422G	3/4	22	10	23	48	61		10
	AS113425G	3/4	25	10	27	56	81		10
	AS110120G	1	20	13	28	55	99		10
	AS110125G	1	25	13	28	58	94		10
	AS110130G	1	30	13	32	60	104		10
new	AS110132G	1	32	13,5	36	63	109		10
new	AS110135G	1	35	13,5	36	63	147		10
	AS114130G	1.1/4	30	15,5	38	69	154	2	
new	AS114132G	1.1/4	32	15,5	38	69	163	2	
	AS114135G	1.1/4	35	15,5	38	70	165	2	
new	AS114138G	1.1/4	38	15,5	38	70	153	2	
new	AS114139G	1.1/4	39	15,5	38	70	156	2	
	AS114140G	1.1/4	40	15,5	42	70	164	2	
new	AS112135G	1.1/2	35	15,5	40	70	205	2	
new	AS112138G	1.1/2	38	15,5	44	76	219	2	
	AS112140G	1.1/2	40	15,5	44	76	201	2	
new	AS112145G	1.1/2	45	12	46,5	75	213	2	
	AS112150G	1.1/2	50	14	52	74,5	278	2	
	AS110250G	2	50	14	52	73	269	2	
	AS110260G	2	60	14	62	84	430	2	
	AS112260G	2.1/2	60	16	65	94	533	2	
new	AS112265G	2.1/2	65	16	70	96	618	2	
	AS112270G	2.1/2	70	16	77	98	640	2	
new	AS112275G	2.1/2	75	16	77	98	663	2	
	AS110380G	3	80	19	85	108	839	2	
new	AS110390G	3	90	18,5	92	110	942	2	
new	AS110410G	4	100	18	105	119,5	1374	2	



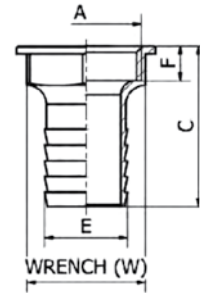
## AS 12-G



### Portagomma femmina tipo roma ottone giallo

Yellow brass roma female hose adaptor  
Schlauchtülle Innengewinde

	Codice/Code	A"	E	F	W	C	gr.		
new	AS121810G	1/8	10	11	14	32	17	10	
new	AS121410G	1/4	10	10,5	17	35	22	10	
new	AS121413G	1/4	13	10,5	15	33	16	10	
new	AS121414G	1/4	14	10,5	19	36	21	10	
new	AS123810G	3/8	10	10,5	19	36	22	10	
new	AS123812G	3/8	12	10,5	19	36	23	10	
new	AS123813G	3/8	13	10	19	36	24	10	
new	AS123814G	3/8	14	10	19	36	25	10	
	AS123815G	3/8	15	10	19	36	26	10	
new	AS121210G	1/2	10	10	24	39	32	10	
new	AS121212G	1/2	12	10	24	39	30	10	
new	AS121213G	1/2	13	10	24	39	32	10	
new	AS121214G	1/2	14	10	24	38	34	10	
	AS121215G	1/2	15	10	24	43	36	10	
	AS121218G	1/2	18	10	24	43	44	10	
new	AS121220G	1/2	20	10	24	44	40	10	
	AS123420G	3/4	20	10	28	45	50	10	
	AS123425G	3/4	25	10	29	51	57	10	
	AS120125G	1	25	11	36	51	86	10	
	AS120130G	1	30	11	36	57	101	10	
new	AS124130G	1.1/4	30	12	46	57	140	2	
new	AS124132G	1.1/4	32	12	46	57	144	2	
new	AS124135G	1.1/4	35	12	46	57	163	2	
new	AS124140G	1.1/4	40	12	46	63	171	2	
new	AS122138G	1.1/2	38	12	51	64	167	2	
new	AS122140G	1.1/2	40	12	51	64	170	2	
new	AS120250G	2	50	12	62	70	296	2	



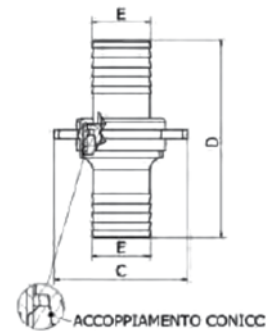
## AS 13-G



### Raccordo portagomma 3 pz. sede conica ottone giallo

Yellow brass conic seat 3 parts hose connector  
Schlauchtülle dreiteilig, mit konisches Gewindeischn Sitz

	Codice/Code	E	D	C	gr.			
	AS130015G	15	15	36	59			10
	AS130020G	20	20	44	92			10
	AS130025G	25	25	52	152			10
	AS130030G	30	30	68	258			10



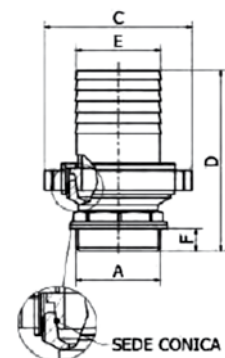
## AS 14-G



### Raccordo pompe excelsior dritto ottone giallo

Yellow brass excelsior pumps straight pipe fittings  
Verschraubung Excelsior gerade für Pumpen

	Codice/Code	A"	E	F	C	D	gr.		
	AS141215G	1/2	15	10	37	59	74	10	
	AS141218G	1/2	18	10	45	65	94	10	
	AS143420G	3/4	20	10	44	66	94	10	
	AS143425G	3/4	25	10	52	74	162	10	
	AS140125G	1	25	13	52	78	186	10	
	AS140130G	1	30	12	68	84	267	10	
	AS144130G	1"1/4	30	12	68	89	259	2	
	AS144135G	1"1/4	35	12	68	87	288	2	
	AS142140G	1"1/2	40	13	82	96	427	2	
	AS140250G	2	50	14	98	110	583	2	





## Accessori in ottone giallo

Yellow brass accessories

Standardverschraubungen Messing gelb

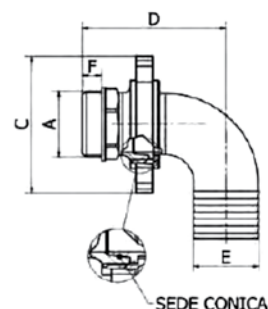
### AS 15-G



#### Raccordo pompe excelsior curvo ottone giallo

Yellow brass excelsior pump bent pipe fitting  
Winkelverschraubung Excelsior für Pumpen

Codice/Code	A"	E	F	C	D	gr.	
AS151215G	1/2	15	10	37	57	98	10
AS151218G	1/2	18	10	45	60	126	10
AS153420G	3/4	20	10	44	64	141	10
AS153425G	3/4	25	10	52	71	207	10
AS150125G	1	25	13	52	75	245	10
AS150130G	1	30	12	68	79	375	10
AS154130G	1"1/4	30	12	68		367	2
AS154135G	1"1/4	35	12	68		392	2
AS152140G	1"1/2	40	13	82	89	545	2
AS150250G	2	50	14	98	99	888	2



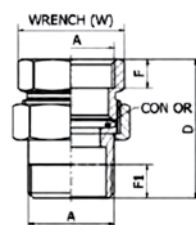
### AS 16-G



#### Bocchettone diritto m.f. con O-ring ottone giallo

O-ring seal straight m.f. yellow brass pipe union  
Nippel Gerade mit O-Ring

Codice/Code	A"	F	F1	W	D	gr.	
AS160038G	3/8	8	8	23	42	80	10
AS160012G	1/2	10	11	25	45	96	10
AS160034G	3/4	10	10	30	54	115	10
AS160001G	1	11	15	37	60	212	10
AS160041G	1"1/4	15	16	48	69	376	10
AS160021G	1"1/2	16,5	20	55	73	541	10
AS160002G	2	18,5	20	66	98	654	2



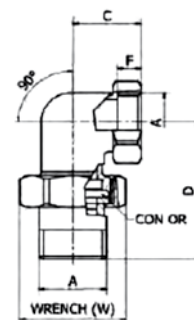
### AS 17-G



#### Bocchettone curvo m.f. con O-ring ottone giallo

O-ring seal bent m.f. yellow brass pipe union  
Winkelnippel mit O-Ring

Codice/Code	A"	F	W	C	D	gr.	
AS170012G	1/2	9,5	37	20	52	121	10
AS170034G	3/4	12	46	26	61	196	5
AS170001G	1	12	53	35	72	318	5
AS170041G	1"1/4	20	64	42	85	525	1
AS170021G	1"1/2	18,5	64	40	89	796	1
AS170002G	2	20	80	70	118	1554	1



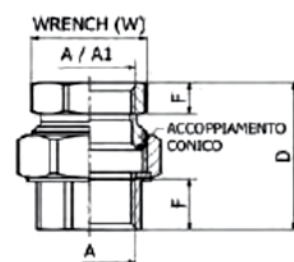
### AS 18-G



#### Bocchettone diritto f.f. 3 pz. Sede conica ottone giallo

Yellow brass f.f. conic pipe union  
Doppelnippel lösbar, Innengewinde mit konisches Gewindeischn Sitz

Codice/Code	A/A1"	W	W1	D	F	gr.	
AS180012G	1/2	25	37	41	10	139	10
AS180034G	3/4	30	47	45	10	209	5
AS180001G	1	38	53	57	11	341	5
AS180041G	1"1/4	46	64	57	15	437	1
AS180021G	1"1/2	54	72	57	16,5	596	1
AS180002G	2	66	87	69	18,5	1035	1

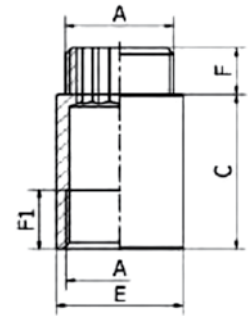


### AS 20-G



**Prolunga ottone giallo**  
Yellow brass extension  
Verlängerung

Codice/Code	A"	E	F	F1	C	gr.	
AS201210G	1/2	25	10	15	10	31	10
AS201215G	1/2	25	10	15	15	36	10
AS201220G	1/2	25	10	15	20	44	10
AS201230G	1/2	25	10	15	30	64	10
AS203410G	3/4	33	12	15	10	50	10
AS203415G	3/4	33	12	15	15	64	10
AS203420G	3/4	33	12	15	20	78	10
AS203430G	3/4	33	12	15	30	114	10
AS200110G	1	38,5	15	9	10	69	10
AS200115G	1	38,5	15	18	15	91	10
AS200120G	1	38,5	15	17	20	110	10
AS200130G	1	38,5	15	18	30	138	10



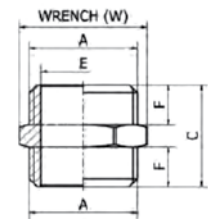
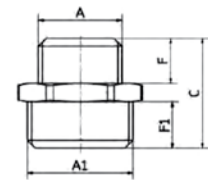
### AS 51-G



**Nipplo cilindrico BSPP ottone giallo**  
Nipple parallel BSPP yellow brass  
Doppelnippel Zylindrische Gewinde

Codice/Code	A"	A1"	F	F1	C	gr.	
AS510141G	1	1 1/4	18	19	44	144	2
AS514121G	1 1/4	1 1/2	17	15	40	120	2
AS512102G	1 1/2	2	17	18	43	5	2

Codice/Code	A"	F	W	E	C	gr.	
AS514141G	1 1/4	16	42	34	39	138	2
AS512121G	1 1/2	16	48	41	39	146	2
AS510202G	2	18	60	51	43	231	2
AS512222G	2 1/2	27	76	63	68	664	1
AS510303G	3	30	89	74	75	1009	1
AS510404G	4	36	115	98	90	1672	1



### AS 52K-G



**Nipplo conico BSPT ottone giallo**  
Nipple taper BSPT yellow brass  
Doppelnippel konisches Gewinde

Codice/Code	R"	F	W	E	C	gr.	
AS52K4141G	1 1/4	22,5	47	35	54	205	2
AS52K2121G	1 1/2	23	55	39	55	295	2
AS52K0202G	2	24	65	50	57	386	2

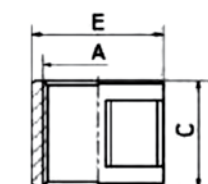


### AS 53-G



**Manicotto ottone giallo**  
Sleeve yellow brass  
Muffe

Codice/Code	A"	E	C	gr.		
AS534141G	1 1/4	51	38	171		2
AS532121G	1 1/2	58	53	280		2
AS530202G	2"	71	58	490		2



# Accessori in ottone giallo

Yellow brass accessories

Standardverschraubungen Messing gelb

## AS 54-G

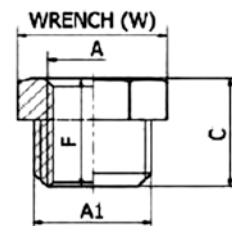


### Riduzione maschio-femmina cilindrica BSPP ottone giallo

Reducer male-female parallel BSPP yellow brass

Reduzierung Außen/Innengewinde zylindrisches Gewinde

Codice/Code	A"	A1"	F	W	C	gr.		
AS541241G	1/2	1*1/4	13	42	24	144		2
AS543441G	3/4	1*1/4	13	43	23	144		2
AS540141G	1	1*1/4	23	42	23	40		2
AS540121G	1	1*1/2	14	49	24	120		2
AS542141G	1*1/4	1*1/2	26	48	26	192		2
AS540201G	1	2	14	60	26	96		2
AS540241G	1*1/4	2	15	60	28	96		2
AS540221G	1*1/2	2	17	60	26	96		2



## AS 57-G

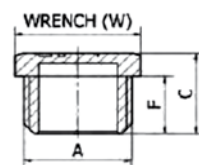


### Tappo maschio cilindrico esagonale ottone giallo

Hexagon male plug parallel BSPP yellow brass

Stopfen zylindrisches Gewinde

Codice/Code	A"	F	C	W	gr.			
AS570041G	1*1/4	13.5	26	39	114			2
AS570021G	1*1/2	13	25	38	145			2
AS570002G	2	18	31	38	281			2



## AS 59-G

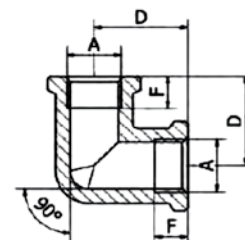


### Gomito femmina cilindrico BSPP ottone giallo

Elbow female parallel BSPP yellow brass

Winkelstück Innengewinde zylindrisches Gewinde

Codice/Code	A"	F	D	gr.				
AS590041G	1*1/4	17	44	310				2
AS590021G	1*1/2	20	46	383				2
AS590002G	2	22	55	541				2



## AS 60K-G

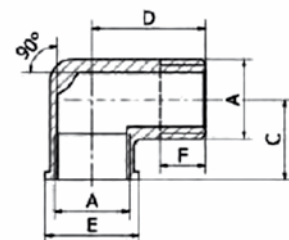


### Gomito maschio-femmina conico BSPT ottone giallo

Elbow male taper BSPT female parallel BSPP yellow brass

Winkelstück Innengewinde konisches Gewinde

Codice/Code	A"	F	E	C	D	gr.		
AS60K0041G	1*1/4	18	50	41	58	320		2
AS60K0021G	1*1/2	21	58	46	64	411		2
AS60K0002G	2	22	65	55	69	701		2



## AS 61-G

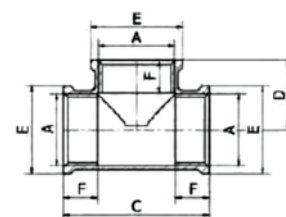


### T femmina cilindrico BSPP ottone giallo

T female parallel BSPP yellow brass

T Stück Innengewinde zylindrisches Gewinde

Codice/Code	A"	F	E	C	D	gr.		
AS610041G	1*1/4	18	50	84	42	310		2
AS610021G	1*1/2	20	58	96	48	472		2
AS610002G	2	25	65	115	58	769		2



## Dati tecnici accessori standard INOX AISI 316

INOX AISI 316 standard accessories technical data

Technischen Daten der Standardverschraubungen Edelstahl AISI 316 Mitteldruck

### Applicazioni

Pneumatica, fluidi, settore alimentare, chimico, medicale e farmaceutico

### Materiali

Corpo Acciaio AISI 316

### Pressione di esercizio

150 bar

### Temperatura di utilizzo

-20°C / +180°C

### Filettatura

BSPP cilindrica UNI-ISO228  
BSPT conica UNI-ISO 7

### Filetti

Filettature da 1/8" a 1"

### Applications

Pneumatic, fluid, food, chemical, medical & pharmaceutical applications

### Materials

Body AISI 316 steel

### Working pressure

150 bar

### Temperature range

-4°F / +356°F

### Thread types

BSPP cylindrical UNI-ISO228  
BSPT taper UNI-ISO 7

### Threads

Thread from 1/8" to 1"

### Anwendungen

Pneumatik, Flüssigkeit, Lebensmittel, Chemie, Medizin und Pharmazie

### Werkstoffen

Körper AISI 316 edelsthal

### Betriebsdruck

150 bar

### Betriebstemperatur

-20 ° C / +180 ° C

### Gewinden

BSPP zylindrisch UNI-ISO228  
BSPT konisch UNI-ISO 7

### Gewinde

Gewinde von 1/8" bis 1"

## Accessori standard INOX AISI 316 media pressione

INOX AISI 316 standard accessories medium pressure

Standardverschraubungen Edelstahl AISI 316 Mitteldruck

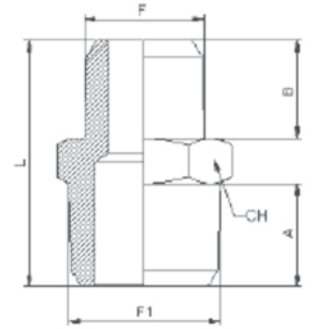
### AX 52K



#### Nipplo conico BSPT

Nipple taper BSPT  
Nippel konisches Gewinde

Codice/Code	F"	F1"	A	B	L	CH		
AX52K1818	R 1/8	R 1/8	8	8	20	11		1
AX52K1414	R 1/4	R 1/4	11	11	27	14		1
AX52K3838	R 3/8	R 3/8	11.5	11.5	28	17		1
AX52K1212	R 1/2	R 1/2	14	14	33.5	22		1
AX52K3434	R 3/4	R 3/4	16.5	16.5	40	27		1
AX52K1814	R 1/8	R 1/4	11	8	24	14		1
AX52K1838	R 1/8	R 3/8	11.5	8	24.5	17		1
AX52K1438	R 1/4	R 3/8	11.5	11	27.5	17		1
AX52K1412	R 1/4	R 1/2	14	11	30.5	22		1
AX52K3812	R 3/8	R 1/2	14	11.5	31	22		1
AX52K1234	R 1/2	R 3/4	16.5	14	37.5	27		1



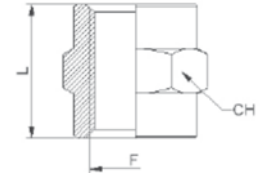
### AX 53



#### Manicotto cilindrico BSPP

Sleeve parallel BSPP  
Muffe Zylindrisches Gewinde

Codice/Code	F"	L	CH					
AX531818	G 1/8	15	14					1
AX531414	G 1/4	22	17					1
AX533838	G 3/8	24	22					1
AX531212	G 1/2	30	26					1
AX533434	G 3/4	32	32					1



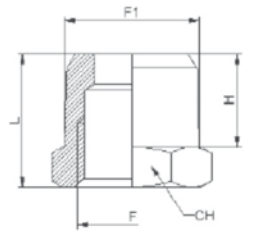
### AX 54K



#### Riduzione femmina cilindrico - maschio conico BSPT

Reducer female cylindrical - male taper BSPT  
Reduzierung zylindrisches/konisches Gewinde

Codice/Code	F1"	F"	H	L	CH			
AX54K1418	R 1/4	G 1/8	11	16	14			1
AX54K3818	R 3/8	G 1/8	11.5	16.5	17			1
AX54K3814	R 3/8	G 1/4	11.5	16.5	17			1
AX54K1214	R 1/2	G 1/4	14	19.5	22			1
AX54K1238	R 1/2	G 3/8	14	19.5	22			1
AX54K3412	R 3/4	G 1/2	16.5	23.5	27			1



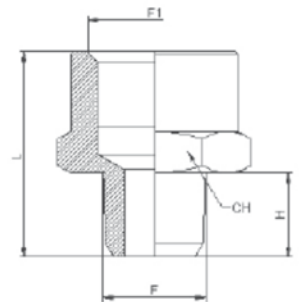
### AX 55K



#### Maggiorazione femmina cilindrico - maschio conico BSPT

Extension female cylindrical - male taper BSPT  
Verlängerung zylindrisches/konisches Gewinde

Codice/Code	F"	F1"	H	L	CH			
AX55K1814	R 1/8	G 1/4	8	22.5	17			1
AX55K1438	R 1/4	G 3/8	11	27	22			1
AX55K1412	R 1/4	G 1/2	11	31.5	24			1
AX55K3812	R 3/8	G 1/2	11.5	32	24			1
AX55K1234	R 1/2	G 3/4	14	35	32			1



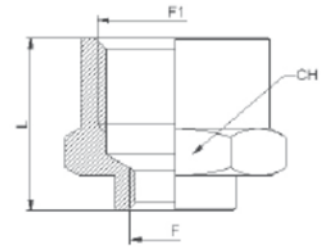
## AX 56



### Manicotto ridotto cilindrico BSPP

Reducing sleeve parallel BSPP  
Reduzierte Muffe zylindrisches Gewinde

Codice/Code	F"	F1"	L	CH				
<b>AX561814</b>	G 1/8	G 1/4	19,5	17				1
<b>AX561438</b>	G 1/4	G 3/8	23	22				1
<b>AX561412</b>	G 1/4	G 1/2	25	26				1
<b>AX563812</b>	G 3/8	G 1/2	27,5	24				1
<b>AX561234</b>	G 1/2	G 3/4	30	30				1



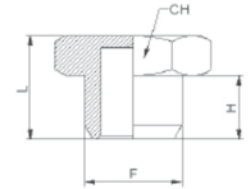
## AX 57



### Tappo esagonale (senza O-ring) cilindrico BSPP

Exagone male plug (no O-ring) parallel BSPP  
Stopfen zylindrisches Gewinde

Codice/Code	F"	H	L	CH				
<b>AX570018</b>	G 1/8	6	10,5	14				1
<b>AX570014</b>	G 1/4	8	13	17				1
<b>AX570038</b>	G 3/8	9	14	19				1
<b>AX570012</b>	G 1/2	10	15,5	24				1



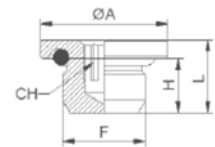
## AX 57OR



### Tappo con O-ring esagono interno cilindrico BSPP

Male plug with O-ring internal hexagon parallel BSPP  
Stopfen mit O-Ringe, zylindrisches Gewinde

Codice/Code	F"	H	L	ØA	CH			
<b>AX57OR0018</b>	G 1/8	5,5	8,5	14	4			1
<b>AX57OR0014</b>	G 1/4	6,5	9	17	6			1
<b>AX57OR0038</b>	G 3/8	7,5	10,5	20	8			1
<b>AX57OR0012</b>	G 1/2	9	12	24	10			1



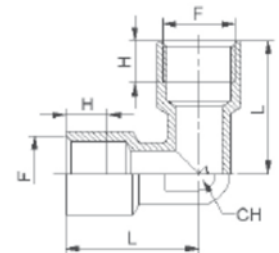
## AX 59



### Gomito femmina cilindrico BSPP

Elbow female parallel BSPP  
Winkelverschraubung zylindrisches Gewinde

Codice/Code	F"	H	L	CH				
<b>AX590018</b>	G 1/8	7	20	11				1
<b>AX590014</b>	G 1/4	8	25,5	15				1
<b>AX590038</b>	G 3/8	10	29	15				1





## Accessori standard INOX AISI 316 media pressione

INOX AISI 316 standard accessories medium pressure

Standardverschraubungen Edelstahl AISI 316 Mitteldruck

### AX 60K

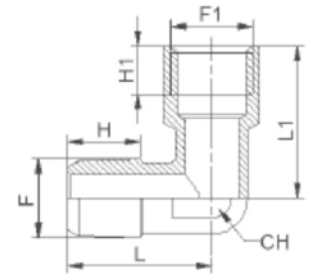


#### Gomito maschio conico BSPT femmina cilindrico BSPP

Elbow male taper BSPT female parallel BSPP

Winkelverschraubung konisches/zylindrisches Gewinde

Codice/Code	F"	F1"	L	L1	H	H1	CH	
<b>AX60K0018</b>	R 1/8	G 1/8	20.15	20	10.5	7	11	1
<b>AX60K0014</b>	R 1/4	G 1/4	25.5	25.5	13	8	15	1
<b>AX60K0038</b>	R 3/8	G 3/8	26.5	29	14.5	10	15	1



### AX 61

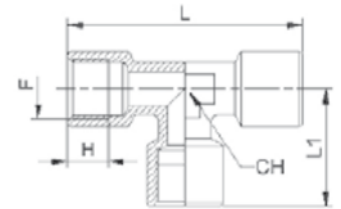


#### T femmina cilindrico BSPP

T female parallel BSPP

T-Verschraubung zylindrisches Gewinde

Codice/Code	F"	H	L	L1	CH			
<b>AX610018</b>	G 1/8	7	40	20	11			1
<b>AX610014</b>	G 1/4	8	51	25.5	15			1
<b>AX610038</b>	G 3/8	10	58	29	15			1



### AX 62K

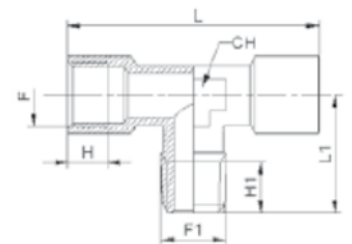


#### T centrale conico BSPT

Central T male taper BSPT

T-Verschraubung konisches Gewinde

Codice/Code	F"	F1"	H	H1	L	L1	CH	
<b>AX62K0018</b>	G 1/8	R 1/8	7	10.5	40	20.15	11	1
<b>AX62K0014</b>	G 1/4	R 1/4	8	13	51	25.5	15	1
<b>AX62K0038</b>	G 3/8	R 3/8	10	14.5	58	26.5	15	1



### AX 63K

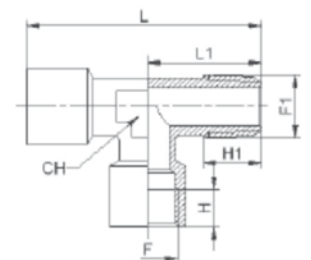


#### T laterale conico BSPT

Lateral T male taper BSPT

Lateral T-Verschraubung konisches Gewinde

Codice/Code	F"	F1"	H	H1	L	L1	CH	
<b>AX63K0018</b>	G 1/8	R 1/8	7	10.5	40.15	20.15	11	1
<b>AX63K0014</b>	G 1/4	R 1/4	8	13.5	51	25.5	15	1
<b>AX63K0038</b>	G 3/8	R 3/8	10	14.5	55.5	26.5	15	1



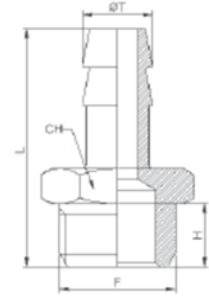
## AX 69K



### Portagomma maschio conico BSPT

Hose male adaptor taper BSPT  
Schlauchtülle konisches Gewinde

Codice/Code	F"	H	ØT	L	CH				
AX69K1806	R 1/8	8	6	31.5	12				1
AX69K1807	R 1/8	8	7	31.5	11				1
AX69K1407	R 1/4	11	7	35	14				1
AX69K1408	R 1/4	11	8	35	14				1
AX69K1409	R 1/4	11	9	35	14				1
AX69K1410	R 1/4	11	10	36	14				1
AX69K1412	R 1/4	11	12	36	14				1
AX69K3809	R 3/8	11.5	9	35.5	17				1
AX69K3810	R 3/8	11.5	10	36.5	17				1
AX69K3812	R 3/8	11.5	12	36.5	17				1
AX69K3814	R 3/8	11.5	14	36	17				1
AX69K1210	R 1/2	14	10	39.5	22				1
AX69K1212	R 1/2	14	12	39.5	22				1
AX69K1214	R 1/2	14	14	39	22				1
AX69K1216	R 1/2	14	16	39	22				1
AX69K1218	R 1/2	14	18	39	22				1
AX69K1220	R 1/2	14	20	39	22				1
AX69K3418	R 3/4	16.5	18	43.5	27				1
AX69K3420	R 3/4	13.5	20	40	27				1



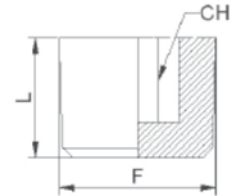
## AX 79K



### Tappo scomparsa conico BSPT

Hidden plug-taper BSPT  
Verschluss-Stecker konisches Gewinde

Codice/Code	F"	L	CH						
AX79K0018	R 1/8	8	5						1
AX79K0014	R 1/4	10	6						1
AX79K0038	R 3/8	10.5	8						1
AX79K0012	R 1/2	13	10						1



## Accessori standard INOX AISI 316 bassa pressione

INOX AISI 316 standard accessories low pressure

Standardverschraubungen Edelstahl AISI 316 Niederdruck

### MAX 50K



#### Nipplo conico ridotto

Reduced nipple taper  
Reduziert Nippel konisches Gewinde

Codice/Code	F"	F1"	📦
MAX50K1418	R1/4	R1/8	10
MAX50K3818	R3/8	R1/8	10
MAX50K3814	R3/8	R1/4	10
MAX50K1214	R1/2	R1/4	10
MAX50K1238	R1/2	R3/8	10
MAX50K3438	R3/4	R3/8	10
MAX50K3412	R3/4	R1/2	10
MAX50K0112	R1	R1/2	10
MAX50K0134	R1	R3/4	10
MAX50K4112	R1*1/4	R1/2	1
MAX50K4134	R1*1/4	R3/4	1
MAX50K4101	R1*1/4	R1	1
MAX50K2134	R1*1/2	R3/4	1
MAX50K2101	R1*1/2	R1	1
MAX50K2141	R1*1/2	R1*1/4	1
MAX50K0201	R2	R1	1
MAX50K0221	R2	R1*1/2	1

### MAX 54K



#### Riduzione maschio-femmina conico

Taper reducer male-female  
Reduzierung Außen/Innengewinde konisches Gewinde

Codice/Code	F"	F1"	📦
MAX54K1418	R1/4	G1/8	10
MAX54K3814	R3/8	G1/4	10
MAX54K1214	R1/2	G1/4	10
MAX54K1238	R1/2	G3/8	10
MAX54K3438	R3/4	G3/8	10
MAX54K3412	R3/4	G1/2	10
MAX54K0138	R1	G3/8	10
MAX54K0112	R1	G1/2	10
MAX54K0134	R1	G3/4	10
MAX54K4101	R1*1/4	G1	1
MAX54K2134	R1*1/2	G3/4	1
MAX54K2101	R1*1/2	G1	1
MAX54K2141	R1*1/2	G1*1/4	1
MAX54K0201	R2	G1	1
MAX54K0221	R2	G1*1/2	1
MAX54K2221	R2*1/2	G1*1/2	1
MAX54K2202	R2*1/2	G2	1
MAX54K0302	R3	G2	1
MAX54K0322	R3	G2*1/2	1

### MAX 52K



#### Nipplo conico

Nipple taper  
Nippel konisches Gewinde

Codice/Code	F"	F1"	📦
MAX52K1818	R1/8	R1/8	10
MAX52K1414	R1/4	R1/4	10
MAX52K3838	R3/8	R3/8	10
MAX52K1212	R1/2	R1/2	10
MAX52K3434	R3/4	R3/4	10
MAX52K0101	R1	R1	10
MAX52K0114	R1*1/4	R1*1/4	1
MAX52K0112	R1*1/2	R1*1/2	1
MAX52K0202	R2	R2	1
MAX52K0212	R2*1/2	R2*1/2	1
MAX52K0303	R3	R3	1
MAX52K0404	R4	R4	1

### MAX 56



#### Manicotto ridotto

Reducing sleeve  
Muffe Reduziert

Codice/Code	F"	F1"	📦
MAX561418	G1/4	G1/8	10
MAX563814	G3/8	G1/4	10
MAX561214	G1/2	G1/4	10
MAX561238	G1/2	G3/8	10
MAX563438	G3/4	G3/8	10
MAX563412	G3/4	G1/2	10
MAX560112	G1	G1/2	10
MAX560134	G1	G3/4	10
MAX564134	G1*1/4	G3/4	1
MAX564101	G1*1/4	G1	1
MAX562101	G1*1/2	G1	1
MAX562141	G1*1/2	G1*1/4	1
MAX560221	G2	G1*1/2	1

### MAX 53



#### Manicotto

Sleeve  
Muffe

Codice/Code	F"	📦
MAX531818	G1/8	10
MAX531414	G1/4	10
MAX533838	G3/8	10
MAX531212	G1/2	10
MAX533434	G3/4	10
MAX530101	G1	10
MAX530114	G1*1/4	1
MAX530112	G1*1/2	1
MAX530202	G2	1
MAX530212	G2*1/2	1
MAX530303	G3	1
MAX530404	G4	1

### MAX 57K



#### Tappo maschio conico

Taper male plug  
Stopfen konisches Gewinde

Codice/Code	F"	📦
MAX57K0018	R1/8	10
MAX57K0014	R1/4	10
MAX57K0038	R3/8	10
MAX57K0012	R1/2	10
MAX57K0034	R3/4	10
MAX57K0001	R1	10
MAX57K0114	R1*1/4	1
MAX57K0112	R1*1/2	1
MAX57K0002	R2"	1
MAX57K0212	R2*1/2	1
MAX57K0003	R3	1
MAX57K0004	R4	1

### MAX 58

#### Tappo femmina Female plug Kappe



Codice/Code	F"		
MAX580018	G1/8		10
MAX580014	G1/4		10
MAX580038	G3/8		10
MAX580012	G1/2		10
MAX580034	G3/4		10
MAX580001	G1		10
MAX580114	G1"1/4		1
MAX580112	G1"1/2		1
MAX580002	G2		1
MAX580212	G2"1/2		1
MAX580003	G3		1
MAX580004	G4		1

### MAX 61

#### "T" femmina "T" female T-Stück



Codice/Code	F"		
MAX610018	G1/8		10
MAX610014	G1/4		10
MAX610038	G3/8		10
MAX610012	G1/2		10
MAX610034	G3/4		10
MAX610001	G1		10
MAX610114	G1"1/4		1
MAX610112	G1"1/2		1
MAX610002	G2		1
MAX610212	G2"1/2		1
MAX610003	G3		1
MAX610004	G4		1

### MAX 59

#### Raccordo a "L90°" femmina-femmina Elbow 90° female-female Winkelstück 90°



Codice/Code	F"		
MAX590018	G1/8		10
MAX590014	G1/4		10
MAX590038	G3/8		10
MAX590012	G1/2		10
MAX590034	G3/4		10
MAX590001	G1		10
MAX590114	G1"1/4		1
MAX590112	G1"1/2		1
MAX590002	G2		1
MAX590212	G2"1/2		1
MAX590003	G3		1
MAX590004	G4		1

### MAX 62

#### Raccordo a "L45°" femmina-femmina Elbow 45° female-female Winkelstück 45°



Codice/Code	F"		
MAX620018	G1/8		10
MAX620014	G1/4		10
MAX620038	G3/8		10
MAX620012	G1/2		10
MAX620034	G3/4		10
MAX620001	G1		10
MAX620114	G1"1/4		1
MAX620112	G1"1/2		1
MAX620002	G2		1
MAX620212	G2"1/2		1
MAX620003	G3		1
MAX620004	G4		1

### MAX 60K

#### Raccordo a "L" maschio-femmina Elbow male-female Winkelstück



Codice/Code	F"	F1"	
MAX60K0018	R1/8	G1/8	10
MAX60K0014	R1/4	G1/4	10
MAX60K0038	R3/8	G3/8	10
MAX60K0012	R1/2	G1/2	10
MAX60K0034	R3/4	G3/4	10
MAX60K0001	R1	G1	10
MAX60K0114	R1"1/4	G1"1/4	1
MAX60K0112	R1"1/2	G1"1/2	1
MAX60K0002	R2	G2	1
MAX60K0212	R2"1/2	G2"1/2	1
MAX60K0003	R3	G3	1
MAX60K0004	R4	G4	1

### MAX 64

#### Croce femmina Female cross Kreuzstück



Codice/Code	F"		
MAX640018	G1/8		10
MAX640014	G1/4		10
MAX640038	G3/8		10
MAX640012	G1/2		10
MAX640034	G3/4		10
MAX640001	G1		10
MAX640114	G1"1/4		1
MAX640112	G1"1/2		1
MAX640002	G2		1
MAX640212	G2"1/2		1
MAX640003	G3		1
MAX640004	G4		1

## Accessori standard INOX AISI 316 bassa pressione

INOX AISI 316 standard accessories low pressure

Standardverschraubungen Edelstahl AISI 316 Niederdruck

### MAX 65



**Bocchettone 3 pezzi f.f.**  
3 Parts joint f.f.  
Doppelnippel lösbar, Innengewinde

Codice/Code	F"		
MAX650018	G1/8		10
MAX650014	G1/4		10
MAX650038	G3/8		10
MAX650012	G1/2		10
MAX650034	G3/4		10
MAX650001	G1		10
MAX650114	G1"1/4		1
MAX650112	G1"1/2		1
MAX650002	G2		1
MAX650212	G2"1/2		1
MAX650003	G3		1
MAX650004	G4		1

### MAX 69K



**Portagomma maschio conico**  
Taper hose male adapter  
Schlauchtülle konisches Gewinde

Codice/Code	ØT	F1"	
MAX69K1806	6	R1/8	10
MAX69K1408	8	R1/4	10
MAX69K3810	10	R3/8	10
MAX69K1215	15	R1/2	10
MAX69K3420	20	R3/4	10
MAX69K0125	25	R1	10
MAX69K4133	33	R1"1/4	1
MAX69K2140	40	R1"1/2	1
MAX69K0250	50	R2	1

### MAX 66K



**Bocchettone 3 pezzi m.f.**  
3 Parts joint m.f.  
Doppelnippel lösbar, Innen-/Außengewinde

Codice/Code	F"	F1"	
MAX66K0018	R1/8	G1/8	10
MAX66K0014	R1/4	G1/4	10
MAX66K0038	R3/8	G3/8	10
MAX66K0012	R1/2	G1/2	10
MAX66K0034	R3/4	G3/4	10
MAX66K0001	R1	G1	10
MAX66K0114	R1"1/4	G1"1/4	1
MAX66K0112	R1"1/2	G1"1/2	1
MAX66K0002	R2	G2	1
MAX66K0212	R2"1/2	G2"1/2	1
MAX66K0003	R3	G3	1
MAX66K0004	R4	G4	1

### MAX 69

new



**Portagomma maschio cilindrico BSPP**  
Hose male adapter parallel BSPP  
Schlauchtülle zylindrisches Gewinde

Codice/Code	ØT	F1"	
MAX691410	10	G1/4	10
MAX693812	12	G3/8	10
MAX691214	14	G1/2	10
MAX691216	16	G1/2	10
MAX691218	18	G1/2	10
MAX691220	20	G1/2	10
MAX693420	20	G3/4	10
MAX693425	25	G3/4	10
MAX690120	20	G1	10
MAX690125	25	G1	10
MAX690130	30	G1	10
MAX694130	30	G1"1/4	1
MAX694135	35	G1"1/4	1
MAX694140	40	G1"1/4	1
MAX692140	40	G1"1/2	1
MAX690250	50	G2	1
MAX692260	60	G2.1/2	1
MAX690380	80	G3	1
MAX690410	100	G4	1



## MAX 55K



**Tronchetto a saldare INOX AISI 316**  
AISI 316 weldable joint  
Schweißstück Edelstahl AISI 316

Codice/Code	F"	📦
MAX55K0018	R1/8	10
MAX55K0014	R1/4	10
MAX55K0038	R3/8	10
MAX55K0012	R1/2	10
MAX55K0034	R3/4	10
MAX55K0001	R1	10
MAX55K0114	R1"1/4	1
MAX55K0112	R1"1/2	1
MAX55K0002	R2	1
MAX55K0212	R2"1/2	1
MAX55K0003	R3	1
MAX55K0004	R4	1

## MAX 80



**Riduzioni concentriche spessore 2 mm AISI 304**  
AISI 304 thickness 2 mm  
concentric reductions  
Konzentrische Reduzierstücke  
dicke 2 mm AISI 304

Codice/Code	misura /size	📦
MAX80230	26.9x21.3	5
MAX80231	33.7x21.3	5
MAX80232	33.7x26.9	5
MAX80223	42.4x26.9	5
MAX80235	42.4x33.7	5
MAX80234	48.3x26.9	5
MAX80237	48.3x33.7	5
MAX80224	48.3x42.4	5
MAX80225	60.3x26.9	5
MAX80226	60.3x33.7	5
MAX80238	60.3x42.4	5
MAX80239	60.3x48.3	5
MAX80218	76.1x33.7	5
MAX80219	76.1x42.4	5
MAX80220	76.1x48.3	5
MAX80221	76.1x60.3	5
MAX80227	88.9x33.7	2
MAX80228	88.9x42.4	2
MAX80249	88.9x48.3	2
MAX80229	88.9x60.3	2
MAX80240	88.9x76.1	2
MAX80253	114.3x48.3	2
MAX80248	114.3x60.3	2
MAX80254	114.3x76.1	2
MAX80242	114.3x88.9	2

## MAX 73



**Manicotto a saldare f.f. INOX AISI 316**  
AISI 316 coupling f.f. to be welded  
Schweiß Verschraubungen AISI 316

Codice/Code	misura /size	📦
MAX730018	1/8"	10
MAX730014	1/4"	10
MAX730038	3/8"	10
MAX730012	1/2"	10
MAX730034	3/4"	10
MAX730001	1"	10
MAX730114	1"1/4	1
MAX730112	1"1/2	1
MAX730002	2"	1
MAX730212	2"1/2	1
MAX730003	3"	1
MAX730004	4"	1

## MAX 74



**Manicotto a saldare corto f.f. INOX AISI 316**  
AISI 316 half coupling f.f. to be welded  
Schweiß Verschraubungen AISI 316

Codice/Code	misura /size	📦
MAX740018	1/8"	10
MAX740014	1/4"	10
MAX740038	3/8"	10
MAX740012	1/2"	10
MAX740034	3/4"	10
MAX740001	1"	10
MAX740114	1"1/4	1
MAX740112	1"1/2	1
MAX740002	2"	1
MAX740212	2"1/2	1

## MAX 81



**Tee a saldare spessore 2 mm AISI 304**  
AISI 304 thickness 2 mm welding tee  
Schweiß T-Verschraubungen  
dicke 2 mm AISI 304

Codice/Code	misura/size	📦
MAX810012	1/2" - dn15	5
MAX810034	3/4" - dn20	5
MAX810001	1" - dn25	5
MAX810114	1"1/4 - dn32	1
MAX810112	1"1/2 - dn40	1
MAX810002	2" - dn50	1
MAX810212	2"1/2 - dn65	1
MAX810003	3" - dn80	1
MAX810004	4" - dn100	1

## MAX 79



**Curva a saldare spessore 2 mm AISI 304**  
AISI 304 thickness 2 mm welding elbow  
Schweiß Winkelverschraubungen  
dicke 2 mm AISI 304

Codice/Code	misura/size	📦
MAX790012	1/2" - de21	5
MAX790034	3/4" - de26	5
MAX790001	1" - de33	5
MAX790114	1"1/4 - de42	1
MAX790112	1"1/2" - de48	1
MAX790002	2" - de60	1
MAX790212	2"1/2 - de76	1
MAX790003	3" - de88	1
MAX790312	3"1/2 - de101	1
MAX790004	4" - de114	1



# Raccordi in ghisa malleabile zincato

## Malleable cast iron fittings

## Gusseisen Verschraubungen

### Dati tecnici dei raccordi in ghisa malleabile zincato

Malleable cast iron fittings technical data

Technische Daten der Gusseisen Verschraubungen

#### Normativa del prodotto e campo di applicazione

I raccordi sono conformi alla norma EN 10242:1994 simbolo del disegno A che specifica le caratteristiche dei raccordi in ghisa malleabile filettati. Così come prescrive la norma citata, i raccordi sono idonei per il trasporto di liquidi, aria, gas, acqua, gas combustibile, idrocarburi, ecc., secondo i limiti di pressione e temperatura elencati nella tabella A.

#### Applicazioni normali

Temperatura minima di servizio: -20°C  
Pressione alla temperatura minima di servizio: 25 bar  
Pressione di lavoro per temperature comprese tra -20°C e 120°C: 25 bar  
Pressione di lavoro per temperature comprese tra 120°C e 300°C: da 20 a 25 bar (valori ottenuti per interpolazione)

#### Applicazioni speciali

Per applicazioni speciali e temperature inferiori a -20°C od altre diverse consultate il nostro ufficio tecnico.

#### Specificazioni tecniche

Tabella A - Relazione pressione/temperatura

#### Materiale

I raccordi filettati sono prodotti in ghisa malleabile e disegnati secondo il simbolo del disegno specificato nella norma EN 10242:1994 come A, il cui grado di qualità è conosciuto come EN-GJMB-350-10. Questo implica che una provetta di 12 mm di diametro nominale presenta le seguenti caratteristiche meccaniche:

- Resistenza alla trazione (valore minimo) 350 N/mm<sup>2</sup> (35 Kg/mm<sup>2</sup>)
- Limite elastico 0,2% (valore minimo) 200 N/mm<sup>2</sup> (20 Kg/mm<sup>2</sup>)
- Allargamento in percentuale (valore minimo) 10%
- Durezza BRINELL (valore max) 150 HB

Per garantire l'assenza di difetti interni del materiale, che possono causare problemi di fuga, tutti i raccordi sono singolarmente sottoposti alla prova di tenuta per mezzo dei procedimenti indicati nella norma EN 10242:1994.

#### Zincatura

Attraverso immersione in bagno di zinco fuso, secondo la norma EN 10242:1994.

La copertura di zinco è superiore a 500 gr/m<sup>2</sup>, quindi spessore medio minimo di 70 micron.

Lo spessore dello strato di zinco e l'aderenza dello stesso con il materiale base, garantisce ai nostri raccordi in ghisa malleabile una perfetta protezione anticorrosiva nel tempo.

#### Pulitura ed oliatura

Per eliminare i residui di trucioli di ferro, olio, taglio e sporizia raccolta durante il processo di meccanizzazione, i nostri raccordi vengono puliti ed infine protetti con una vernice antiossidante.

#### Unione tramite filettatura

Tipo di filetto

- Filetti di unione: i raccordi filettati in ghisa di simbolo A vengono lavorati con i filetti esterni conici (R) e filetti interni conici (Rp) conformi alla norma ISO 7/1, equivalente alle norme DIN 2999 e BS 21

- Filetti di giunzione: i raccordi in ghisa di simbolo A vengono lavorati con i filetti esterni ed interni cilindrici (G) conformi alla norma ISO 228/1.

#### Allineamento dei filetti

Il processo di meccanizzazione dei nostri raccordi garantisce che l'allineamento dei filetti non subisca una variazione superiore a 0,5° (30'), come specificato nella norma del prodotto.

#### Product standard and application

The threaded malleable cast iron fittings are in compliance with Standard EN 10242:1994, design symbol A, corresponding to the materials and thread combination. In accordance with the requirements of above Standard, they are suitable for liquids, air, gas, water, burner gas, hydrocarbons, etc. under pressure and temperature limits in table A.

#### Standard applications

Minimum working temperature: -20°C  
Pressure at minimum working temperature: 25 bar  
Working pressure for temperature range from -20°C to 120°C: 25 bar  
Working pressure for temperature range from 120°C to 300°C: da 20 a 25 bar

#### Special applications

For special applications or temperature under -20°C or different case, we shall invite you to contact our technical service.

#### Technical data

Table A - pressure/temperature

#### Material

The threaded fittings are made in malleable cast iron and with design symbol A in compliance with Standard EN 10242:1994, quality grade A, known as EN-GJMB-350-10. It means that a sample test of 12 mm diameter gives the following mechanical results:

- Tensile strength (minimum value) 350 N/mm<sup>2</sup> (35 Kg/mm<sup>2</sup>)
- Elastic limit 0,2% (minimum value) 200 N/mm<sup>2</sup> (20 Kg/mm<sup>2</sup>)
- Percentage of enlargement (minimum value) 10%
- BRINELL hardness (maximum value) 150 HB

In order to guarantee the absence of internal material defects that might cause leak problem, every single piece is tightness tested in accordance with requirements of Standard EN 10242:1994.

#### Zinc-coating

The fittings are galvanized by zinc plating, under Standard EN 10242:1994.

The zinc coating is over 500 gr/m<sup>2</sup>, that means a minimum average thickness of 70 micron.

The thickness of the zinc coating and the good adherence to the base surface, assure a perfect and long-lasting anti-corrosive protection.

#### Cleaning and lubrication

All the fittings are cleaned off from all mechanical process residuals and protected by an antioxidant paint.

#### Connection by thread

Type of threads

- Connection threads: the fittings with design symbol A are produced with taper external thread (R) and parallel internal thread (Rp) in accordance with Standard ISO 7/1, equivalent to Standard DIN 2999 and BS 21

- Junction threads: the fittings with design symbol A are produced with parallel external and internal threads (G) in accordance with Standard ISO 228/1.

#### Alignment of threads

The mechanization process of our fittings prevents the alignment of threads from any variations over 0.5° (30'), as specified in the Standard.

#### Regeln des Produkt- und Geltungsbereich

Armaturen sind in Übereinstimmung mit EN 10042:1994 Symbol in Diagramm A, die die Eigenschaften von Gewinde Tempergussfittings angibt, wie in den Vorschriften vorgeschrieben zitiert sind die Armaturen für den Transport von Flüssigkeiten, Luft, Gas, Wasser, Gas, Kohlenwasserstoffe usw., entsprechend den Grenzen der Druck und die Temperatur in der Tabelle A aufgeführten.

#### Anwendungen standard

Mindesttemperatur von -20 °C  
Druck auf die minimale Betriebstemperatur 25 bar  
Arbeitsdruck für Temperaturen zwischen -20°C und 120 °C 25 bar  
Arbeitsdruck für Temperaturen im Bereich zwischen 120°C und 300°C von 20 bis 25 bar

#### Spezielle Anwendungen

Für spezielle Anwendungen bei Temperaturen unter -20 ° C oder verschiedene andere wenden Sie sich an unser technisches Büro.

#### Technische Daten

Tabelle A: Bericht Druck / Temperatur

#### Werkstoff

Verschraubungen sind in Temperguss hergestellt und designed nach dem Symbol des Designs in der Norm EN10242 festgelegt: 1994 als A, deren Grad der Qualität als GJMB EN-350-10 bekannt. Dies bedeutet, dass ein Reagenzglas von 12 mm Nennweite die folgenden mechanischen Eigenschaften aufweist:

- Zugfestigkeit (Minimum: 350 N/mm<sup>2</sup> (35 Kg/mm<sup>2</sup>))
- Streckgrenze 0,2% (Minimum: 200 N/mm<sup>2</sup> (20 Kg/mm<sup>2</sup>))
- Erweiterung Prozentsatz (Minimum: 10%)
- Brinellhärte (Maximalwert: 150 HB)

Das Fehlen von inneren Mängeln des Materials zu gewährleisten, was zu Problemen der Flucht verursachen, werden alle Armaturen individuell an die Dichtheitsprüfung mittels der Verfahren in der Norm EN 10242:1994 beschrieben unterzogen.

#### Verzinkung

Durch Eintauchen in ein Bad von geschmolzenem Zink, gemäß EN 10242:1994.

Die Zinkschicht ist mehr als 500 g/m<sup>2</sup>, wird die minimale durchschnittliche Dicke von 70 Mikron.

Die Dicke der Schicht aus Zink und die Einhaltung derselben mit dem Grundmaterial, garantiert unseren Tempergussfittings einen perfekten Korrosionsschutz im Laufe der Zeit.

#### Reinigen und Ölen

um Resteisen Späne, Öl, Schneiden und Schmutzsammelbehälter während des Prozesses der Mechanisierung, unsere Armaturen gereinigt und schließlich mit einem Lack geschützt Antioxidationsmittel.

#### Union durch Gewinden

Gewinde

- Unionsgewinde: Gusseisen Verschraubungen sind mit dem Symbol einer konischen Außengewinde (R) und konischen Innengewinde (Rp) in Übereinstimmung mit ISO 7/1 hergestellt, entsprechend DIN 2999 und BS 21

- Kreuzungsgewinde: die eisernen Beschläge Symbol A mit Außen- und zylindrischen Innenrundgewinde (G) in Übereinstimmung mit ISO 228/1.

#### Ausrichten des Gewindes

Der Prozess der Mechanisierung unserer Armaturen stellt sicher, dass die Ausrichtung von Gewinden ohne eine Veränderung erfährt von mehr als 0,5 ° (30'), wie in der Produktnorm festgelegt.

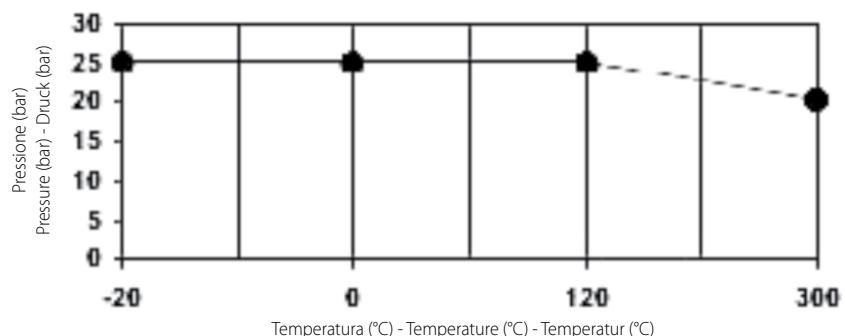
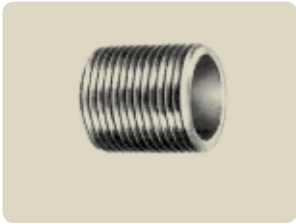


TABELLA A  
TABLE A  
TABELLE A

## RZ 51S



### Nipplo semplice cilindrico fig. 531

Simple nipple fig. 531  
Nippel fig. 531

Codice/Code	misura /size	■
RZ51S0012	1/2	10
RZ51S0034	3/4	10
RZ51S0001	1"	10
RZ51S0041	1"1/4	4
RZ51S0021	1"1/2	4
RZ51S0002	2"	2

## RZ 53



### Manicotto f.f. ISO M2 fig. 270

Sleeve f.f. ISO M2 fig. 270  
Muffe ISO M2 fig. 270

Codice/Code	misura /size	■
RZ530014	1/4	10
RZ530038	3/8	10
RZ530012	1/2	10
RZ530034	3/4	10
RZ530001	1"	10
RZ530041	1"1/4	4
RZ530021	1"1/2	4
RZ530002	2"	2
RZ530022	2"1/2	1
RZ530003	3"	1
RZ530004	4"	1
RZ530005	5"	1
RZ530006	6"	1

## RZ 52K



### Nipplo conico ISO N8 fig. 280

Nipple ISO N8 fig. 280  
Doppelnippel ISO N8 fig. 280

Codice/Code	misura /size	■
RZ52K1414	1/4	10
RZ52K3838	3/8	10
RZ52K1212	1/2	10
RZ52K3434	3/4	10
RZ52K0101	1"	10
RZ52K4141	1"1/4	4
RZ52K2121	1"1/2	4
RZ52K0202	2"	2
RZ52K2222	2"1/2	1
RZ52K0303	3"	1
RZ52K0404	4"	1
RZ52K0505	5"	1
RZ52K0606	6"	1

## RZ 54K



### Riduzione m.f. ISO N4 fig. 241

Reducer m.f. ISO N4 fig.241  
Reduzierung Außen/Innengewinde  
ISO N4 fig.241

Codice/Code	misura /size	■
RZ54K3814	3/8x1/4	10
RZ54K1214	1/2x1/4	10
RZ54K1238	1/2x3/8	10
RZ54K3414	3/4x1/4	10
RZ54K3438	3/4x3/8	10
RZ54K3412	3/4x1/2	10
RZ54K0114	1"x1/4	10
RZ54K0138	1"x3/8	10
RZ54K0112	1"x1/2	10
RZ54K0134	1"x3/4	10
RZ54K4138	1"1/4x3/8	4
RZ54K4112	1"1/4x1/2	4
RZ54K4134	1"1/4x3/4	4
RZ54K4101	1"1/4x1"	4
RZ54K2112	1"1/2x1/2	4
RZ54K2134	1"1/2x3/4	4
RZ54K2101	1"1/2x1"	4
RZ54K2141	1"1/2x 1"1/4	4
RZ54K0212	2"x1/2	2
RZ54K0234	2"x3/4	2
RZ54K0201	2"x1"	2
RZ54K0241	2"x 1"1/4	2
RZ54K0221	2"x 1"1/2	2
RZ54K2201	2"1/2x1"	1
RZ54K2241	2"1/2x 1"1/4	1
RZ54K2221	2"1/2x 1"1/2	1
RZ54K2202	2"1/2x2"	1
RZ54K0301	3"x1"	1
RZ54K0341	3"x 1"1/4	1
RZ54K0321	3"x 1"1/2	1
RZ54K0302	3"x2"	1
RZ54K0322	3"x2"1/2	1
RZ54K0401	4"x1"	1
RZ54K0441	4"x 1"1/4	1
RZ54K0421	4"x 1"1/2	1
RZ54K0402	4"x2"	1
RZ54K0422	4"x2"1/2	1
RZ54K0403	4"x3"	1
RZ54K0504	5"x4"	1
RZ54K0603	6"x3"	1
RZ54K0604	6"x4"	1
RZ54K0605	6"x5"	1

## RZ 52K



### Nipplo conico ridotto ISO N8 fig. 245

Reduced nipple ISO N8 fig. 245  
Reduzier Nippel ISO N8 fig. 245

Codice/Code	misura /size	■
RZ52K1438	3/8x1/4	10
RZ52K1412	1/2x1/4	10
RZ52K3812	1/2x3/8	10
RZ52K3834	3/4x3/8	10
RZ52K1234	3/4x1/2	10
RZ52K1201	1"x1/2	10
RZ52K3401	1"x3/4	10
RZ52K1241	1"1/4x1/2	4
RZ52K3441	1"1/4x3/4	4
RZ52K0141	1"1/4x1"	4
RZ52K3421	1"1/2x3/4	4
RZ52K0121	1"1/2x1"	4
RZ52K4121	1"1/2x 1"1/4	4
RZ52K0102	2"x1"	2
RZ52K4102	2"x 1"1/4	2
RZ52K2102	2"x 1"1/2	2
RZ52K2122	2"1/2x 1"1/2	1
RZ52K0222	2"1/2x2"	1
RZ52K0203	3"x2"	1
RZ52K2203	3"x2"1/2	1
RZ52K0204	4"x2"	1
RZ52K2204	4"x2"1/2	1
RZ52K0304	4"x3"	1

## RZ 55K



### Manicotto m.f. ISO M4 fig. 529

Sleeve m.f. ISO M4 fig. 529  
Muffe ISO M4 fig. 529

Codice/Code	misura /size	■
RZ55K3838	3/8	10
RZ55K1212	1/2	10
RZ55K3434	3/4	10
RZ55K0101	1"	10
RZ55K4141	1"1/4	4
RZ55K2121	1"1/2	4
RZ55K0202	2"	2

## Raccordi in ghisa malleabile zincato

Malleable cast iron fittings  
Gusseisen Verschraubungen

### RZ 55K



**Manicotto ridotto m.f. ISO M4 fig. 246**  
Sleeve reducing m.f. ISO M4 fig. 246  
Reduzierte Muffe ISO M4 fig. 246

Codice/Code	misura /size	■
RZ55K1214	1/2x1/4	10
RZ55K1238	1/2x3/8	10
RZ55K3438	3/4x3/8	10
RZ55K3412	3/4x1/2	10
RZ55K0112	1"x1/2	10
RZ55K0134	1"x3/4	10
RZ55K4112	1"1/4x1/2	4
RZ55K4134	1"1/4x3/4	4
RZ55K4101	1"1/4x1"	4
RZ55K2134	1"1/2x3/4	4
RZ55K2101	1"1/2x1"	4
RZ55K2141	1"1/2x 1"1/4	4
RZ55K0201	2"x1"	2
RZ55K0241	2"x 1"1/4	1
RZ55K0221	2"x 1"1/2	1
RZ55K2202	2"1/2x2"	1
RZ55K0322	3"x2"1/2	1

### RZ 58



**Tappo femmina ISO T1 fig. 300**  
Female plug ISO T1 fig. 300  
Kappe ISO T1 fig. 300

Codice/Code	misura /size	■
RZ580014	1/4	10
RZ580038	3/8	10
RZ580012	1/2	10
RZ580034	3/4	10
RZ580001	1"	10
RZ580041	1"1/4	4
RZ580021	1"1/2	4
RZ580002	2"	2
RZ580022	2"1/2	1
RZ580003	3"	1
RZ580004	4"	1

### RZ 56



**Manicotto ridotto f.f. ISO M2 fig. 240**  
Sleeve reducing f.f. ISO M2 fig. 240  
Reduzierte Muffe ISO M2 fig. 240

Codice/Code	misura /size	■
RZ561412	1/2x1/4	10
RZ563812	1/2x3/8	10
RZ563834	3/4x3/8	10
RZ561234	3/4x1/2	10
RZ563801	1"x3/8	10
RZ561201	1"x1/2	10
RZ563401	1"x3/4	10
RZ561241	1"1/4x1/2	10
RZ563441	1"1/4x3/4	10
RZ560141	1"1/4x1"	10
RZ561221	1"1/2x1/2	4
RZ563421	1"1/2x3/4	4
RZ560121	1"1/2x1"	4
RZ564121	1"1/2x 1"1/4	4
RZ563402	2"x3/4	2
RZ560102	2"x1"	2
RZ564102	2"x 1"1/4	2
RZ562102	2"x 1"1/2	2

### RZ 59



**Gomito 90° f.f. ISO A1 fig. 90**  
Elbow 90° f.f. ISO A1 fig. 90  
Winkelverschraubung 90° ISO A1 fig. 90

Codice/Code	misura /size	■
RZ590014	1/4	10
RZ590038	3/8	10
RZ590012	1/2	10
RZ590034	3/4	10
RZ590001	1"	10
RZ590041	1"1/4	4
RZ590021	1"1/2	4
RZ590002	2"	2
RZ590022	2"1/2	1
RZ590003	3"	1
RZ590004	4"	1
RZ590005	5"	1
RZ590006	6"	1

### RZ 59R



**Gomito ridotto 90° f.f. ISO A1 fig. 90R**  
Elbow reducing 90° f.f. ISO A1 fig. 90R  
Reduzierung Winkelverschraubung 90°  
ISO A1 fig. 90R

Codice/Code	misura /size	■
RZ59R1214	1/2x1/4	10
RZ59R1238	1/2x3/8	10
RZ59R3438	3/4x3/8	10
RZ59R3412	3/4x1/2	10
RZ59R0112	1"x1/2	10
RZ59R0134	1"x3/4	10
RZ59R4112	1"1/4x1/2	4
RZ59R4134	1"1/4x3/4	4
RZ59R4101	1"1/4x1"	4
RZ59R2101	1"1/2x1"	4
RZ59R2141	1"1/2x 1"1/4	4
RZ59R0201	2"x1"	2
RZ59R0241	2"x 1"1/4	2
RZ59R0221	2"x 1"1/2	2

### RZ 57K



**Tappo maschio ISO T9 fig. 290**  
Male plug ISO T9 fig. 290  
Stopfen ISO T9 fig. 290

Codice/Code	misura /size	■
RZ57K0014	1/4	10
RZ57K0038	3/8	10
RZ57K0012	1/2	10
RZ57K0034	3/4	10
RZ57K0001	1"	10
RZ57K0041	1"1/4	4
RZ57K0021	1"1/2	4
RZ57K0002	2"	2
RZ57K0022	2"1/2	1
RZ57K0003	3"	1
RZ57K0004	4"	1

### RZ 45K



**Curva a 45° m.f. ISO G4/45° fig. 40**  
Elbow 45° m.f. ISO G4/45° fig. 40  
Winkelverschraubung 45° ISO G4/45° fig. 40

Codice/Code	misura /size	■
RZ45K0014	1/4	10
RZ45K0038	3/8	10
RZ45K0012	1/2	10
RZ45K0034	3/4	10
RZ45K0001	1"	10
RZ45K0041	1"1/4	4
RZ45K0021	1"1/2	4
RZ45K0002	2"	2
RZ45K0022	2"1/2	1
RZ45K0003	3"	1
RZ45K0004	4"	1

## RZ 45F

Curva a 45° f.f. ISO G1/45° fig. 41  
Elbow 45° f.f. ISO G1/45° fig. 41  
Winkelverschraubung 45°  
ISO G1/45° fig. 41



Codice/Code	misura /size	■
RZ45F0014	1/4	10
RZ45F0038	3/8	10
RZ45F0012	1/2	10
RZ45F0034	3/4	10
RZ45F0001	1"	10
RZ45F0041	1"1/4	4
RZ45F0021	1"1/2	2
RZ45F0002	2"	1
RZ45F0022	2"1/2	1
RZ45F0003	3"	1

## RZ 91

Saltatubi f.f. fig. 85  
Cross over f.f. fig.85  
Rohr-Bogen fig.85



Codice/Code	misura /size	■
RZ910012	1/2	10
RZ910034	3/4	10
RZ910001	1"	10

## RZ 90K

Curva a 90° m.f. ISO G4 fig. 1  
Elbow 90° m.f. ISO G4 fig. 1  
Winkelverschraubung 90° ISO G4 fig. 1



Codice/Code	misura /size	■
RZ90K0014	1/4	10
RZ90K0038	3/8	10
RZ90K0012	1/2	10
RZ90K0034	3/4	10
RZ90K0001	1"	10
RZ90K0041	1"1/4	4
RZ90K0021	1"1/2	4
RZ90K0002	2"	2
RZ90K0022	2"1/2	1
RZ90K0003	3"	1
RZ90K0004	4"	1

## RZ 60K

Gomito 90° m.f. ISO A4 fig. 92  
Elbow 90° m.f. ISO A4 fig. 92  
Winkelverschraubung 90° ISO A4 fig. 92



Codice/Code	misura /size	■
RZ60K0014	1/4	10
RZ60K0038	3/8	10
RZ60K0012	1/2	10
RZ60K0034	3/4	10
RZ60K0001	1"	10
RZ60K0041	1"1/4	4
RZ60K0021	1"1/2	4
RZ60K0002	2"	2
RZ60K0022	2"1/2	1
RZ60K0003	3"	1
RZ60K0004	4"	1
RZ60K0005	5"	1
RZ60K0006	6"	1

## RZ 90F

Curva a 90° f.f. ISO G1 fig. 2  
Elbow 90° f.f. ISO G1 fig. 2  
Winkelverschraubung 90° ISO G1 fig. 2



Codice/Code	misura /size	■
RZ90F0014	1/4	10
RZ90F0038	3/8	10
RZ90F0012	1/2	10
RZ90F0034	3/4	10
RZ90F0001	1"	10
RZ90F0041	1"1/4	4
RZ90F0021	1"1/2	4
RZ90F0002	2"	2
RZ90F0022	2"1/2	1
RZ90F0003	3"	1
RZ90F0004	4"	1

## RZ 61

Tee f.f. ISO B1 fig. 130  
Tee f.f. ISO B1 fig. 130  
T-Verschraubung ISO B1 fig. 130



Codice/Code	misura /size	■
RZ610014	1/4	10
RZ610038	3/8	10
RZ610012	1/2	10
RZ610034	3/4	10
RZ610001	1"	10
RZ610041	1"1/4	4
RZ610021	1"1/2	4
RZ610002	2"	2
RZ610022	2"1/2	1
RZ610003	3"	1
RZ610004	4"	1
RZ610005	5"	1
RZ610006	6"	1

## RZ 90M

Curva a 90° m.m. ISO G8 fig. 3  
Elbow 90° m.m. ISO G8 fig. 3  
Winkelverschraubung 90° ISO G8 fig. 3



Codice/Code	misura /size	■
RZ90M0012	1/2	10
RZ90M0034	3/4	10
RZ90M0001	1"	10
RZ90M0041	1"1/4	4
RZ90M0021	1"1/2	4
RZ90M0002	2"	2



## Raccordi in ghisa malleabile zincato

Malleable cast iron fittings  
Gusseisen Verschraubungen

### RZ 61R



#### Tee ridotto f.f.f. ISO B1 fig. 130R

Tee reducer f.f.f. ISO B1 fig. 130R  
T-Reduzierung ISO B1 fig. 130R

Codice/Code	misura /size	■
RZ61R343834	3/4 x 3/8 x 3/4	10
RZ61R123838	1/2 x 3/8 x 3/8	10
RZ61R123812	1/2 x 3/8 x 1/2	10
RZ61R121238	1/2 x 1/2 x 3/8	10
RZ61R123412	1/2 x 3/4 x 1/2	10
RZ61R341212	3/4 x 1/2 x 1/2	10
RZ61R341234	3/4 x 1/2 x 3/4	10
RZ61R343412	3/4 x 3/4 x 1/2	10
RZ61R340134	3/4 x 1" x 3/4	10
RZ61R011212	1" x 1/2 x 1/2	10
RZ61R011234	1" x 1/2 x 3/4	10
RZ61R011201	1" x 1/2 x 1"	10
RZ61R013412	1" x 3/4 x 1/2	10
RZ61R013434	1" x 3/4 x 3/4	10
RZ61R013401	1" x 3/4 x 1"	10
RZ61R010112	1" x 1" x 1/2	10
RZ61R010134	1" x 1" x 3/4	10
RZ61R014101	1" x 1" x 1"	4
RZ61R411241	1"1/4 x 1/2 x 1"1/4	4
RZ61R413434	1"1/4 x 3/4 x 3/4	4
RZ61R413441	1"1/4 x 3/4 x 1"1/4	4
RZ61R410101	1"1/4 x 1" x 1"	4
RZ61R410141	1"1/4 x 1" x 1"1/4	4
RZ61R414112	1"1/4 x 1"1/4 x 1/2	4
RZ61R414134	1"1/4 x 1"1/4 x 3/4	4
RZ61R414101	1"1/4 x 1"1/4 x 1"	4
RZ61R412141	1"1/4 x 1"1/2 x 1"1/4	4
RZ61R211221	1"1/2 x 1/2 x 1"1/2	4
RZ61R213421	1"1/2 x 3/4 x 1"1/2	4
RZ61R210101	1"1/2 x 1" x 1"	4
RZ61R210121	1"1/2 x 1" x 1"1/2	4
RZ61R214121	1"1/2 x 1"1/4 x 1"1/2	4
RZ61R212112	1"1/2 x 1"1/2 x 1/2	4
RZ61R212134	1"1/2 x 1"1/2 x 3/4	4
RZ61R212101	1"1/2 x 1"1/2 x 1"	4
RZ61R212141	1"1/2 x 1"1/2 x 1"1/4	4
RZ61R022102	2" x 1/2 x 2"	2
RZ61R023402	2" x 3/4 x 2"	2
RZ61R020102	2" x 1" x 2"	2
RZ61R024102	2" x 1"1/4 x 2"	2
RZ61R022102	2" x 1"1/2 x 2"	2
RZ61R020234	2" x 2" x 3/4	2
RZ61R020201	2" x 2" x 1"	2
RZ61R020241	2" x 2" x 1"1/4	2
RZ61R224122	2"1/2 x 1"1/4 x 2 1/2	1
RZ61R222122	2"1/2 x 1"1/2 x 2 1/2	1
RZ61R220222	2"1/2 x 2" x 2"1/2	1
RZ61R032103	3" x 1"1/2 x 3"	1
RZ61R030203	3" x 2" x 3"	1
RZ61R032203	3" x 2"1/2 x 3"	1
RZ61R040204	4" x 2" x 4"	1
RZ61R042204	4" x 2"1/2 x 4"	1
RZ61R040304	4" x 3" x 4"	1

### RZ 63

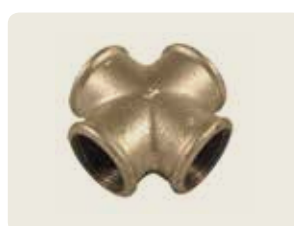


#### Distribuzione f.f.f. 4 vie ISO ZA2 fig. 223

4 Ways f.f.f. ISO ZA2 fig. 223  
Verteilerblock 4-Fach ISO ZA2 fig. 223

Codice/Code	misura /size	■
RZ630012	1/2	10
RZ630034	3/4	10
RZ630001	1"	10
RZ630041	1"1/4	4
RZ630021	1"1/2	4
RZ630002	2"	2

### RZ 64



#### Croce f.f.f. ISO C1 fig.180

Cross f.f.f. ISO C1 fig.180  
Kreuz ISO C1 fig.180

Codice/Code	misura /size	■
RZ640038	3/8	10
RZ640012	1/2	10
RZ640034	3/4	10
RZ640001	1"	10
RZ640041	1"1/4	4
RZ640021	1"1/2	4
RZ640002	2"	2
RZ640022	2"1/2	1
RZ640003	3"	1
RZ640004	4"	1
RZ640005	5"	1
RZ640006	6"	1

### RZ 65



#### Bocchettone f.f. sede conica

ISO U11 fig. 340  
Conic pipe union f.f. ISO U11 fig. 340  
Verlängerung konischer Sitz ISO U11 fig. 340

Codice/Code	misura /size	■
RZ650014	1/4	10
RZ650038	3/8	10
RZ650012	1/2	10
RZ650034	3/4	10
RZ650001	1"	10
RZ650041	1"1/4	4
RZ650021	1"1/2	4
RZ650002	2"	2
RZ650022	2"1/2	1
RZ650003	3"	1
RZ650004	4"	1
RZ650005	5"	1
RZ650006	6"	1

### RZ 66K



#### Bocchettone m.f. sede conica

ISO U12 fig. 341  
Conic pipe union m.f. ISO U12 fig. 341  
Verlängerung konischer Sitz ISO U12 fig. 341

Codice/Code	misura /size	■
RZ66K0014	1/4	10
RZ66K0038	3/8	10
RZ66K0012	1/2	10
RZ66K0034	3/4	10
RZ66K0001	1"	10
RZ66K0041	1"1/4	4
RZ66K0021	1"1/2	4
RZ66K0002	2"	2
RZ66K0022	2"1/2	1
RZ66K0003	3"	1
RZ66K0004	4"	1

### RZ 62



#### Distribuzione f.f.f. 3 vie ISO ZA1 fig. 221

3 Ways f.f.f. ISO ZA1 fig. 221  
Verteilerblock dreifach ISO ZA1 fig. 221

Codice/Code	misura /size	■
RZ620038	3/8	10
RZ620012	1/2	10
RZ620034	3/4	10
RZ620001	1"	10
RZ620041	1"1/4	4
RZ620021	1"1/2	4
RZ620002	2"	2

## RZ 67

### Bocchettone f.f. sede piana ISO U1 fig. 330

Flat pipe union f.f. ISO U1 fig. 330  
Verlängerung flacher Sitz ISO U1 fig. 330



Codice/Code	misura /size	■
RZ670012	1/2	10
RZ670034	3/4	10
RZ670001	1"	10
RZ670041	1"1/4	4
RZ670021	1"1/2	4
RZ670002	2"	2
RZ670022	2"1/2	1
RZ670003	3"	1
RZ670004	4"	1

## RZ 71

### Ghiera fig. 310

Nut fig. 310  
Mutter fig. 310



Codice/Code	misura /size	■
RZ710012	1/2	10
RZ710034	3/4	10
RZ710001	1"	10
RZ710041	1"1/4	4
RZ710021	1"1/2	4
RZ710002	2"	2

## RZ 68K

### Bocchettone m.f. sede piana ISO U2 fig. 331

Flat pipe union m.f. ISO U2 fig. 331  
Verlängerung flacher Sitz ISO U2 fig. 331



Codice/Code	misura /size	■
RZ68K0038	3/8	10
RZ68K0012	1/2	10
RZ68K0034	3/4	10
RZ68K0001	1"	10
RZ68K0041	1"1/4	4
RZ68K0021	1"1/2	4
RZ68K0002	2"	2
RZ68K0022	2"1/2	1
RZ68K0003	3"	1

## RZ 76

### Distributore Y fig. 20

Distributor Y fig. 220  
Y Verteiler fig. 220



Codice/Code	misura /size	■
RZ760012	1/2	10
RZ760034	3/4	10
RZ760001	1"	10

## RZ 69K

### Bocchettone 90° m.f. sede conica ISO UA12 fig. 98

Conic seat m.f. bent pipe union ISO UA12 fig. 98  
Winkelverlängerung 90°  
konischer Sitz ISO UA12 fig. 98



Codice/Code	misura /size	■
RZ69K0038	3/8	10
RZ69K0012	1/2	10
RZ69K0034	3/4	10
RZ69K0001	1"	10
RZ69K0041	1"1/4	4
RZ69K0021	1"1/2	4
RZ69K0002	2"	2
RZ69K0022	2"1/2	1
RZ69K0003	3"	1

## RZ 70

### Bocchettone 90° f.f. sede conica ISO UA11 fig. 96

Conic seat m.f. Bent pipe union ISO UA11 fig. 96  
Winkelverlängerung 90°  
konischer Sitz UA11 fig. 96



Codice/Code	misura /size	■
RZ700012	1/2	10
RZ700034	3/4	10
RZ700001	1"	10
RZ700041	1"1/4	4
RZ700021	1"1/2	4
RZ700002	2"	2
RZ700022	2"1/2	1
RZ700003	3"	1



# Raccordi rapidi express

Rapid express fittings  
Express Kupplungen

## Dati tecnici raccordi rapidi express

Rapid express fittings technical data

Technische Daten der Express Kupplungen

### Applicazioni

Pneumatica (idraulica a bassa pressione), edilizia, agricoltura

### Materiali

Corpo Ottone CW617N

### Filettatura

BSPP cilindrica UNH-ISO228  
BSPT conica

### Filetti

Filettature da 3/8" a 1"1/2

### Applications

Pneumatic (hydraulic system with low pressure), building, agriculture

### Materials

Body Brass CW617N

### Thread types

BSPP cylindrical UNH-ISO228  
BSPT taper

### Threads

Threads from 3/8" to 1"1/2

### Anwendungen

Pneumatisch (hydraulische Niederdruck) Bau, Landwirtschaft

### Werkstoffe

Körper Messing CW617N

### Gewinden

BSPP zylindrisch UNH-ISO228  
BSPT konisch

### Gewinde

Gewinde von 3/8" bis 1"1/2

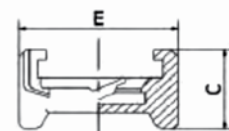
## RE 15



### Raccordo rapido cieco

Blind rapid fitting  
Blindkupplung

Codice/Code	E	C						
RE150000	57	31						5



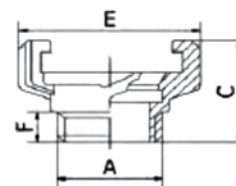
## RE 20



### Raccordo rapido maschio

Male rapid fitting  
Kupplung mit Außengewinde

Codice/Code	A"	F	E	C				
RE200038	3/8	10	60	32				5
RE200012	1/2	10	57	34				5
RE200034	3/4	10	57	34				5
RE200001	1"	10	57	34				5
RE200114	1"1/4	16	57	38				5
RE200112	1"1/2	12	60	41				5



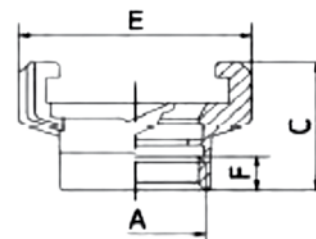
## RE 25



### Raccordo rapido femmina

Female rapid fitting  
Kupplung mit Innengewinde

Codice/Code	A"	F	E	C				
RE250038	3/8	11	57	33				5
RE250012	1/2	9	57	33				5
RE250034	3/4	9.5	57	34				5
RE250001	1"	11	57	35				5
RE250114	1"1/4	15	57	39				5
RE250112	1"1/2	14	57	40				5



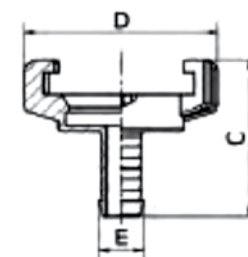
## RE 30



### Raccordo rapido portagomma

Hose connection with pipe  
Tülle

Codice/Code	E	C	D					
RE300013	13	57	57					5
RE300015	15	57	57					5
RE300018	18	57	57					5
RE300020	20	55	57					5
RE300025	25	62	57					5
RE300030	30	62	57					5
RE300032	32	67	57					5
RE300035	35	70	57					5
RE300040	40	76	60					5



## RE 35



### Guarnizione per raccordo rapido

Gasket for rapid fitting  
Dichtung für Express Kupplungen

Codice/Code	
RE350000	10

**NBR 75 Sh ad elevata resistenza per una maggior durata**  
NBR 75 Sh with high resistance for longer use  
NBR 75 Sh hohe Beständigkeit für eine längere Lebensdauer

# Raccordi portagomma

Hose adapter  
Schlauchtülle

AP

## Raccordi portagomma in poliammide e resina acetica

Hose adapter polyamide and polyacetal copolymer  
Schlauchtülle Polyamid und Acetal

191

## Dati tecnici raccordi portagomma in poliammide e resina acetica

Hose adapter polyamide and polyacetal copolymer technical data

Technische Daten der Schlauchtülle Polyamid und Acetal

### Applicazioni

Automotive (carburante, servofreno, carter di ventilazione, refrigerante, olio motore e trasmissione, lavavetri) giardinaggio, industria chimica e alimentare

### Applications

Automotive (fuel, brake booster, crankcase ventilation, coolant, engine and transmission oil, windshield washing) gardening, food and chemical industry application

### Anwendungen

Automotive (Kraftstoff, Bremskraftverstärker, Kurbelgehäuseentlüftung, Kühlmittel, Motor-und Getriebeöl, Windschutzscheibe Waschen) Gartenarbeit, Lebensmittel-und chemischen Industrie Anwendung

### Vantaggi

- Elevata resistenza
- Durezza
- Leggerezza
- Ammortizzamento dello shock
- Resistenza allo sfregamento
- Elevata resistenza agli urti

### Advantages

- Advantages
- High strenght
- Toughness
- Low weight
- Shock damping
- Scuff resistance

### Vorteile

- Hohe Festigkeit
- Zähigkeit
- Geringes Gewicht
- Stoßdämpfung
- Abriebfestigkeit
- Hohe Schlagfestigkeit

	POM resina acetica <i>Polyacetal copolymer - Acetal</i>	PA6 poliammide non rinforzato <i>Polyamide not reinforced - Unverstärkten Polyamid</i>
<b>Articoli</b> <i>Articles - Artikeln</i>	30-35-40-45-50-55-60-65	10K-15K-20K-25K
<b>Temperatura d'esercizio -</b> <i>Working temperature - Betriebstemperatur</i>	Da -40 °C a +80 °C <i>From -40 °F to +176 °F - Von -40 °C bis +80 °C</i>	Da -40 °C a +90 °C <i>From -40 °F to +194 °F - Von -40 °C bis +90 °C</i>
<b>Pressione max. -</b> <i>Max. pressure - Maximal Druck</i>	10 Bar	10 Bar

## Raccordi portagomma in poliammide e resina acetica

Hose adapter polyamide and polyacetal copolymer

Schlauchtülle Polyamid und Acetal

### AP 10K

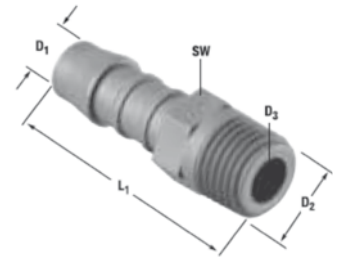


#### Portagomma diritto maschio conico poliammide

Hose adapter taper polyamide

Gerade Einschraubtülle konisches Gewinde Polyamid

Codice/Code	D1	D2"	D3	L1	SW			
AP10K1804	4	R1/8	2.5	27	10			10
AP10K1404	4	R1/4	2.5	32	14			10
AP10K1405	5	R1/4	3	36	14			10
AP10K1806	6	R1/8	4	32.5	10			10
AP10K1406	6	R1/4	4	37.5	14			10
AP10K3806	6	R3/8	4	39	17			10
AP10K1808	8	R1/8	5.6	38	14			10
AP10K1408	8	R1/4	5.6	41	14			10
AP10K3808	8	R3/8	5.6	41	17			10
AP10K1208	8	R1/2	5.6	49	22			10
AP10K1410	10	R1/4	7	43.5	14			10
AP10K3810	10	R3/8	7	43.5	17			10
AP10K3812	12	R3/8	8.6	45.5	17			10
AP10K1212	12	R1/2	8.6	54	22			10
AP10K3814	14	R3/8	10	56	17			10
AP10K1214	14	R1/2	10	56	22			10
AP10K1216	16	R1/2	12	58	22			10
AP10K3416	16	R3/4	12	58	27			10
AP10K3419	19	R3/4	15	58	27			10
AP10K0125	25	R1	21	69	32			10



### AP 15K

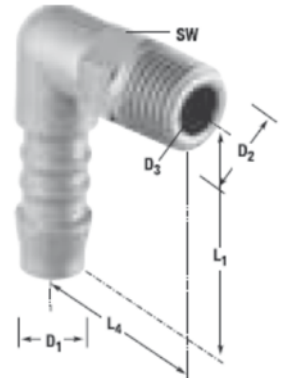


#### Gomito portagomma maschio conico poliammide

Elbow hose male adapter taper polyamide

Winkel Einschraubtülle konisches Gewinde Polyamid

Codice/Code	D1	D2"	D3	L1	L4	SW		
AP15K1804	4	R1/8	2.7	21	16	10		10
AP15K1404	4	R1/4	2.7	21	25	14		10
AP15K1806	6	R1/8	4	28.5	21	10		10
AP15K1406	6	R1/4	4	28.5	26	14		10
AP15K3806	6	R3/8	4	28.5	27	17		10
AP15K1808	8	R1/8	5.6	33	23	14		10
AP15K1408	8	R1/4	5.6	33	27.5	14		10
AP15K3808	8	R3/8	5.6	36	31	17		10
AP15K1208	8	R1/2	5.6	36	36	22		10
AP15K1410	10	R1/4	7	38	30	14		10
AP15K3810	10	R3/8	7	38	30	17		10
AP15K3812	12	R3/8	8.6	40.5	31	17		10
AP15K1212	12	R1/2	8.6	40.5	36	22		10
AP15K3419	19	R3/4	15	45.5	42.8	27		10
AP15K0125	25	R1	21	60	49	32		10



### AP 20K

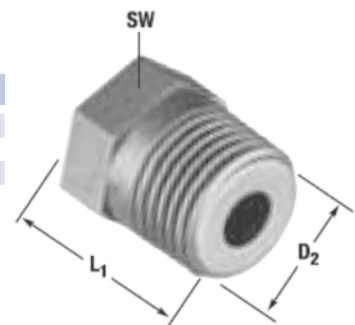


#### Tappo maschio conico poliammide

Male plug taper polyamide

Stopfen konisches Gewinde Polyamid

Codice/Code	D2"	L1	SW			
AP20K0018	R1/8	12.5	10			10
AP20K0014	R1/4	17.5	14			10
AP20K0038	R3/8	27	17			10
AP20K0012	R1/2	27.5	22			10



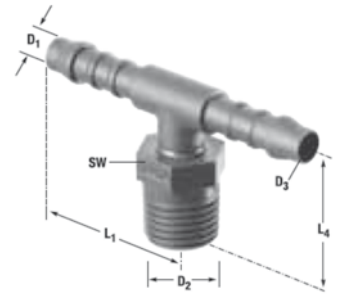
## AP 25K



### Portagomma "T" maschio centrale conico poliammide

Central "T" male taper hose adapter polyamide  
T Verbindende konisches Gewinde Polyamid

Codice/Code	D1	D2"	D3	L1	L4	SW		
AP25K1804	4	R1/8	2.5	21	18	10		10
AP25K1404	4	R1/4	2.5	21	23	14		10
AP25K1806	6	R1/8	4	28.5	21	10		10
AP25K1406	6	R1/4	4	28.5	26	14		10
AP25K1408	8	R1/4	5.6	33	27.5	14		10
AP25K3810	10	R3/8	7	35.5	30	17		10



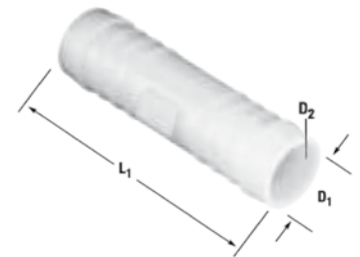
## AP 30



### Portagomma intermedio diritto POM

Straight intermediate hose male adapter POM  
Gerader Verbinder POM

Codice/Code	D1	D2	L1					
AP300003	3	2.5	25					10
AP300004	4	2.7	35					10
AP300005	5	3	45					10
AP300006	6	4	49					10
AP300008	8	5.6	56					10
AP300010	10	7	63					10
AP300012	12	8.6	66.5					10
AP300013	13	8.6	73					10
AP300014	14	10	79					10
AP300016	16	12	75					10
AP300019	19	15	76					10
AP300025	25	21	95					10



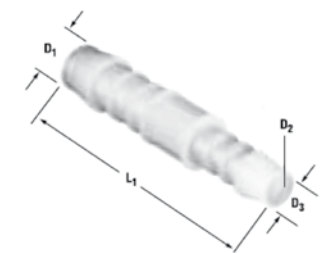
## AP 35



### Portagomma intermedio diritto ridotto POM

Straight intermediate reducer hose male adapter POM  
Gerader Verbinder Reduziert POM

Codice/Code	D1	D2	D3	L1				
AP350403	4	2.5	3	30				10
AP350604	6	2.7	4	42.5				10
AP350804	8	2.7	4	48				10
AP350806	8	4	6	54				10
AP351006	10	4	6	58				10
AP351008	10	5.6	8	60.5				10
AP351208	12	5.6	8	62.5				10
AP351210	12	7	10	64				10



## AP 40



### Portagomma intermedio a gomito POM

Elbow intermediate hose male adapter POM  
Winkel Verbinder POM

Codice/Code	D1	D2	L1	L3				
AP400003	3	2.5	12.5	12.5				10
AP400004	4	2.5	17.5	19.5				10
AP400005	5	3	21	22				10
AP400006	6	4	25	26				10
AP400008	8	5.6	29	30				10
AP400010	10	7	31	33.5				10
AP400012	12	8.6	34.5	36				10
AP400013	13	8.6	36.5	38.5				10
AP400014	14	10	38.5	41.5				10
AP400015	15	11	40	43.5				10
AP400016	16	12	40.5	45				10
AP400019	19	15	43.5	46				10
AP400025	25	21	52.5	52.5				10





## Raccordi portagomma in poliammide e resina acetica

Hose adapter polyamide and polyacetal copolymer

Schlauchtülle Polyamid und Acetal

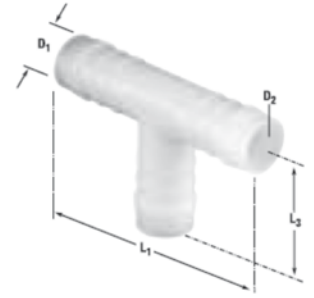
### AP 45



#### Portagomma intermedio a "T" POM

"T" intermediate hose male adapter POM  
T Verbindler POM

Codice/Code	D1	D2	L1	L3				
AP450003	3	2.5	25	12.5				10
AP450004	4	2.7	35	19.5				10
AP450005	5	3	42	22				10
AP450006	6	4	50	26				10
AP450007	7	5	50	26				10
AP450008	8	5.6	58	30				10
AP450010	10	7	62.5	33.5				10
AP450012	12	8.6	69	36				10
AP450013	13	8.6	68	36				10
AP450014	14	10	77.5	41.5				10
AP450015	15	11	79.5	43.5				10
AP450016	16	12	81	45				10
AP450019	19	15	85	45				10
AP450025	25	21	105	52.5				10



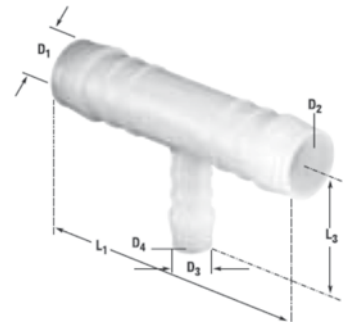
### AP 50



#### Portagomma intermedio a "T" ridotto POM

"T" intermediate reducer hose male adapter POM  
T Verbindler Reduziert POM

Codice/Code	D1	D2	D3	D4	L1	L4		
AP500304	3	2.5	4	2.5	25	17.5		10
AP500406	4	2.7	6	4	37	24		10
AP500604	6	4	4	2.5	49	20.5		10
AP500804	8	5.6	4	2.5	56	22		10
AP500806	8	5.6	6	4	56	28		10
AP500812	8	5.6	12	8.6	57	34		10
AP501006	10	7	6	4	62	28		10
AP501008	10	7	8	5.6	62	31		10
AP501013	10	7	13	8.6	64	38		10
AP501206	12	8.6	6	4	69	29		10
AP501208	12	8.6	8	5.6	69	31		10
AP501210	12	8.6	10	7	69	33		10
AP501506	15	11	6	4	78	28		10
AP501508	15	11	8	5.6	79	33		10
AP501810	18	14	10	7	79	36		10
AP501815	18	14	15	11	80	44		10



### AP 55



#### Portagomma intermedio a "Y" POM

"Y" intermediate hose male adapter POM  
Y Verbindler POM

Codice/Code	D1	D2	L1					
AP550003	3	2.5	21					10
AP550004	4	2.5	25.5					10
AP550005	5	3	43					10
AP550006	6	4	44					10
AP550008	8	5.6	51					10
AP550010	10	7	54					10
AP550012	12	8.6	64					10
AP550013	13	9	65					10
AP550014	14	10	65					10
AP550016	16	12	67					10
AP550019	19	15	72					10



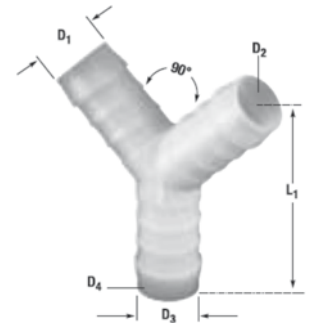
## AP 60



### Portagomma intermedio ridotto a "Y" POM

"Y" intermediate reducer hose male adapter POM  
Y Verbinder Reduziert POM

Codice/Code	D1	D2	D3	D4	L1				
<b>AP600406</b>	4	2.7	6	4	35				10
<b>AP600608</b>	6	4	8	5.6	49				10



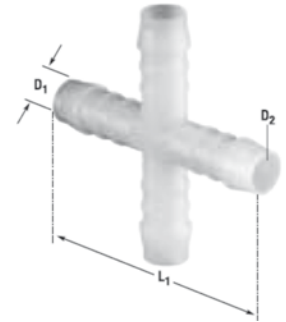
## AP 65



### Portagomma intermedio a croce POM

Cross intermediate hose male adapter POM  
Kreuz Verbinder POM

Codice/Code	D1	D2	L1						
<b>AP650004</b>	4	2.9	39						10
<b>AP650005</b>	5	3	48						10
<b>AP650006</b>	6	4	48						10
<b>AP650012</b>	12	8.6	69						10



# Raccordi a calzamento

Quick fittings

Schnellverschraubungen

**RC**

## Raccordi a calzamento in ottone

Brass quick fittings

Schnellverschraubungen Messing

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**CT**

## Raccordi a calzamento teflonati

Tefloned quick fittings

Schnellverschraubungen Messing mit Teflon

205

**CX**

## Raccordi a calzamento INOX AISI 316

INOX AISI 316 quick fittings

Schnellverschraubungen Edelstahl AISI 316

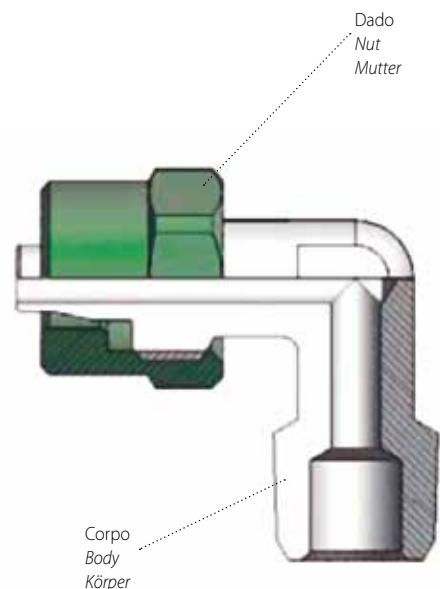
207

## Dati tecnici dei raccordi a calzamento in ottone

Brass quick fittings technical data

Technischen Daten der Schnellverschraubungen Messing

<b>Fluido</b> Aria compressa, acqua (altri fluidi a richiesta)	<b>Fluid</b> Compressed air, water (other fluids on request)	<b>Fluid</b> Druckluft, Wasser (andere Medien auf Anfrage)
<b>Applicazioni</b> Pneumatica (idraulica a bassa pressione)	<b>Applications</b> Pneumatic (hydraulic systems with low pressure)	<b>Anwendungen</b> Pneumatisch (hydraulische Niederdruck)
<b>Temperature e pressioni</b> Le temperature e le pressioni dipendono dalle caratteristiche del tubo impiegato.	<b>Pressure and temperature</b> Pressure and temperatures depend on tube features.	<b>Temperatur und druck</b> Die Temperaturen und Drucke hängen von den Eigenschaften des verwendeten Schlauchs
<b>Tubi consigliati</b> 1) Poliuretano - 2) Poliammide - 3) Polietilene - 4) Nylon	<b>Recommended tubes</b> 1) Polyurethane - 2) Polyamide - 3) Polyethylene - 4) Nylon	<b>Rohrmpfehlungen</b> 1) Polyurethan - 2) Polyamid - 3) Polyethylen - 4) Nylon
<b>Tolleranze</b> ± 0.10 mm	<b>Tolerances</b> ± 0.10 mm	<b>Toleranzen</b> ±0.10 mm
<b>Materiali</b> Corpo Ottone nichelato CW614 N / CW617 N Dado Ottone nichelato CW614 N	<b>Materials</b> Body Nickel plated brass CW614 N / CW617 N Nut Nickel plated brass CW614 N	<b>Werkstoffen</b> Körper vernickelt Messing CW614N / CW617N Mutter vernickelt Messing CW614N
<b>Filettatura</b> BSPP cilindrica UNI-ISO228. BSPT conica UNI-ISO 7. Metrica ISO/R 262.	<b>Thread types</b> BSPP cylindrical UNI-ISO228. BSPT taper UNI-ISO 7. Metric ISO/R 262.	<b>Gewinde</b> BSPP zylindrisch UNI-ISO228 BSPT konische UNI-ISO 7 Metrisch ISO/R 262
<b>Diametri e filetti</b> Diametri da 4 mm a 15 mm Filettature da M5 a 1/2"	<b>Threads and diameters</b> Diameters from 4 mm to 15 mm Threads from M5 to 1/2"	<b>Durchmesser und Gewinde</b> Durchmesser von 4 mm bis 15 mm Gewinde von M5 bis 1/2"



# RC

## Raccordi a calzamento in ottone

Brass quick fittings

Schnellverschraubungen Messing

### RC 50KG

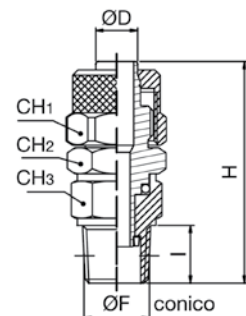


#### Diritto girevole maschio conico BSPT

Male straight rotating body taper BSPT

Gerade Einschraubverschraubung konisches Gewinde

Codice/Code	ØD	F"	I	H	CH1	CH2	CH3	■
RC50KG1806	6/4	R1/8	8	37	12	12	12	10
RC50KG1406	6/4	R1/4	11	40	12	14	14	10
RC50KG1808	8/6	R1/8	8	37	14	12	12	10
RC50KG1408	8/6	R1/4	11	40	14	14	14	10
RC50KG1410	10/8	R1/4	11	42	16	14	14	10
RC50KG3812	12/10	R3/8	11.5	44	18	17	17	10



### RC 50G

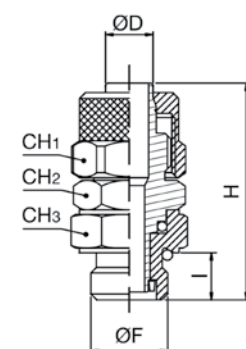


#### Diritto girevole maschio cilindrico con o-ring BSPP

Male straight rotating body parallel BSPP with o-ring

Gerade Einschraubverschraubung zylindrisches Gewinde mit O-Ring

Codice/Code	ØD	F"	I	H	CH1	CH2	CH3	■
RC50G1806	6/4	G1/8	6	36	12	12	13	10
RC50G1406	6/4	G1/4	8	37.5	12	14	16	10
RC50G1808	8/6	G1/8	6	36	14	12	13	10
RC50G1408	8/6	G1/4	8	37.5	14	14	16	10
RC50G1410	10/8	G1/4	8	39	16	14	16	10
RC50G3812	12/10	G3/8	9	42	18	17	19	10



### RC 51OR

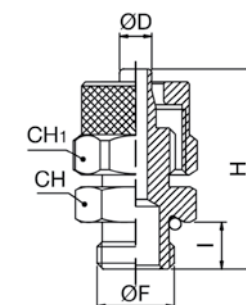


#### Diritto maschio cilindrico con o-ring

Male straight parallel with o-ring

Gerade Einschraubverschraubung zylindrisches Gewinde, mit O-Ring

Codice/Code	ØD	F"	I	H	CH	CH1	■
RC51OR1804	4/2.7	G1/8	6	21,8	13	8	10
RC51OR1805	5/3	G1/8	6	23	13	8	10
RC51OR1806	6/4	G1/8	6	25,5	13	12	10
RC51OR1406	6/4	G1/4	8	28	16	12	10
RC51OR3806	6/4	G3/8	9	29	19	12	10
RC51OR1206	6/4	G1/2	10	30,5	24	12	10
RC51OR1808	8/6	G1/8	6	26	14	14	10
RC51OR1408	8/6	G1/4	8	28	16	14	10
RC51OR3808	8/6	G3/8	9	29	19	14	10
RC51OR1208	8/6	G1/2	10	30,5	24	14	10
RC51OR1810	10/8	G1/8	6	28	14	16	10
RC51OR1410	10/8	G1/4	8	29,5	16	16	10
RC51OR3810	10/8	G3/8	9	30,5	19	16	10
RC51OR1210	10/8	G1/2	10	32	24	16	10
RC51OR3812	12/10	G3/8	9	32	19	18	10
RC51OR1212	12/10	G1/2	10	33,5	24	18	10
RC51OR1215	15/12.5	G1/2	10	35,5	24	22	10



## RC 51K

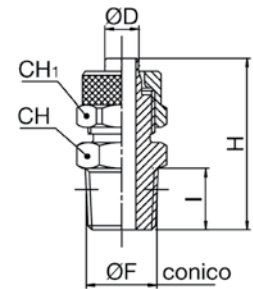


### Diritto maschio conico BSPT

Male straight taper BSPT

Gerade Einschraubverschraubung konisches Gewinde

Codice/Code	ØD	F"	I	H	CH1	CH		
RC51K1804	4/2.7	R1/8	8	23.8	8	12		10
RC51K1805	5/3	R1/8	8	25	9	12		10
RC51K1806	6/4	R1/8	8	27	12	12		10
RC51K1406	6/4	R1/4	10.5	31	14	14		10
RC51K3806	6/4	R3/8	10.5	31	12	17		10
RC51K1808	8/6	R1/8	8	27	14	12		10
RC51K1408	8/6	R1/4	10.5	31	14	14		10
RC51K3808	8/6	R3/8	10.5	31	14	17		10
RC51K1208	8/6	R1/2	14	34.5	14	22		10
RC51K1810	10/8	R1/8	8	28	16	14		10
RC51K1410	10/8	R1/4	10.5	32	16	14		10
RC51K3810	10/8	R3/8	10.5	32	16	17		10
RC51K1210	10/8	R1/2	14	36	16	22		10
RC51K3812	12/10	R3/8	11.5	34.5	18	17		10
RC51K1212	12/10	R1/2	14	37.5	18	22		10
RC51K1215	15/12.5	R1/2	14	39.5	22	22		10



## RC 51

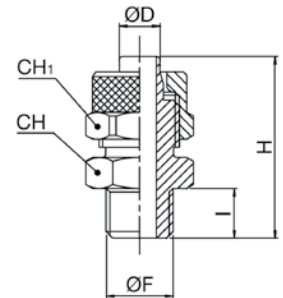


### Diritto maschio cilindrico BSPP

Male straight parallel BSPP

Gerade Einschraubverschraubung zylindrisches Gewinde

Codice/Code	ØD	F"	I	H	CH1	CH		
RC511805	5/3	G1/8	6	23	8	14		10
RC511806	6/4	G1/8	6.5	26	12	14		10
RC511406	6/4	G1/4	9	29	12	16		10
RC513806	6/4	G3/8	9	29	12	19		10
RC511808	8/6	G1/8	6.5	26	14	14		10
RC511408	8/6	G1/4	9	29	14	16		10
RC513808	8/6	G3/8	9	29	14	19		10
RC511810	10/8	G1/8	6.5	26	16	14		10
RC511410	10/8	G1/4	9	31	16	16		10
RC513810	10/8	G3/8	9	31	16	19		10
RC511210	10/8	G1/2	10	32	16	24		10
RC513812	12/10	G3/8	9	32	18	19		10
RC511212	12/10	G1/2	10	33.5	18	24		10
RC511215	15/12.5	G1/2	10	33.5	22	24		10



## RC 51M

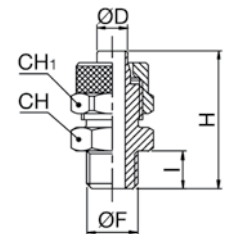


### Diritto maschio cilindrico metrico

Male straight parallel metric

Gerade Einschraubverschraubung metrisches Gewinde

Codice/Code	ØD	F"	I	H	CH1	CH		
RC51M505	5/3	M5	4	20	8	8		10
RC51M605	5/3	M6	5	21	8	8		10
RC51M506	6/4	M5	4	21	9	8		10
RC51M606	6/4	M6	5	22	9	8		10
RC51M12256	6/4	M12X1.25	8	28	12	17		10
RC51M12506	6/4	M12X1.50	8	28	12	17		10
RC51M12258	8/6	M12X1.25	8	28	14	17		10
RC51M12508	8/6	M12X1.50	8	28	14	17		10





## Raccordi a calzamento in ottone

Brass quick fittings

Schnellverschraubungen Messing

### RC 52

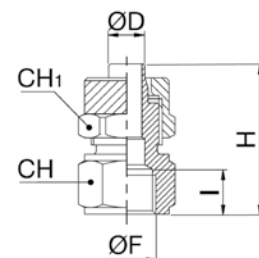


#### Femmina dritto cilindrico BSPP

Female straight parallel BSPP

Gerade Einschraubverschraubung

Codice/Code	ØD	F"	I	H	CH1	CH		
RC521804	4/2.7	G1/8	8	21.3	8	14		10
RC521805	5/3	G1/8	8	22.5	8	14		10
RC521806	6/4	G1/8	9	26	12	14		10
RC521406	6/4	G1/4	11	29	12	17		10
RC523806	6/4	G3/8	11.5	29.5	12	20		10
RC521808	8/6	G1/8	9	26	14	14		10
RC521408	8/6	G1/4	10	28	14	16		10
RC523808	8/6	G3/8	11.5	29.5	14	20		10
RC521810	10/8	G1/8	8	26.5	16	14		10
RC521410	10/8	G1/4	10	30	16	16		10
RC523810	10/8	G3/8	11.5	31	16	20		10
RC521210	10/8	G1/2	14	34.5	16	24		10
RC523812	12/10	G3/8	11.5	32.5	18	20		10



### RC 53

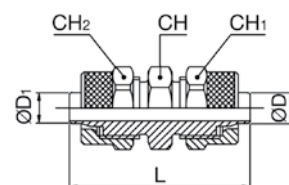


#### Diritto intermedio

Straight intermediate

Gerader Verbinder

Codice/Code	ØD	ØD1	L	CH	CH1	CH2		
RC530004	4/2.7	4/2.7	26	8	8	8		10
RC530005	5/3	5/3	28.5	8	8	8		10
RC530006	6/4	6/4	34.5	12	12	12		10
RC530008	8/6	8/6	35	14	14	14		10
RC530010	10/8	10/8	38	14	16	16		10
RC530012	12/10	12/10	41	17	18	18		10
RC530015	15/12.5	15/12.5	45.5	22	22	22		10



### RC 54

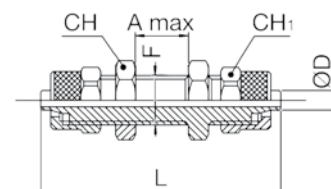


#### Passalamiera

Union bulkhead

Schottverschraubung

Codice/Code	ØD	CH	CH1	L	A max	F"		
RC540004	4/2.7	9	8	36.7	8.5	M8x1		10
RC540005	5/3	9	8	40	8.5	M8x1		10
RC540006	6/4	14	12	48	10.5	M10x1		10
RC540008	8/6	16	14	48	10.5	M12x1		10
RC540010	10/8	17	16	50	8.5	M14x1		10
RC540012	12/10	19	18	53	8.5	M16x1		10
RC540015	15/12.5	24	22	58	8.5	M20x1		10



### RC 55K

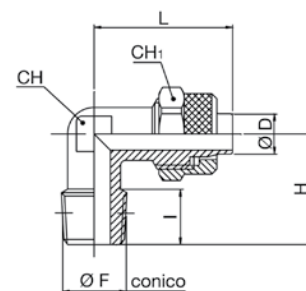


#### Gomito maschio conico BSPT

Elbow male taper BSPT

Winkelverschraubung drehbar, konisches Gewinde

Codice/Code	ØD	F"	I	H	L	CH	CH1	
RC55K1804	4/2.7	R1/8	8	17	19.5	8	8	10
RC55K1805	5/3	R1/8	8	17	21.5	8	8	10
RC55K1806	6/4	R1/8	8	17	22.5	8	12	10
RC55K1406	6/4	R1/4	11	20	22.5	10	12	10
RC55K3806	6/4	R3/8	11.5	22.5	23.5	11	12	10
RC55K1808	8/6	R1/8	8	17	22.5	10	14	10
RC55K1408	8/6	R1/4	11	20	22.5	10	14	10
RC55K3808	8/6	R3/8	11.5	22.5	24	11	14	10
RC55K1810	10/8	R1/8	8	18.5	25.5	11	16	10
RC55K1410	10/8	R1/4	11	21.5	25.5	11	16	10
RC55K3810	10/8	R3/8	11.5	22.5	25.5	11	16	10
RC55K1210	10/8	R1/2	14	28	28	17	16	10
RC55K1412	12/10	R1/4	11	24	30	14	18	10
RC55K3812	12/10	R3/8	11.5	24.5	30	14	18	10
RC55K1212	12/10	R1/2	14	28	30.5	17	18	10
RC55K1215	15/12.5	R1/2	14	28	34	17	22	10



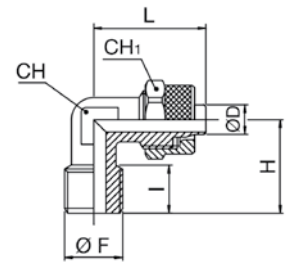
## RC 55M



### Gomito maschio cilindrico metrico

Metric elbow male parallel  
Winkelverschraubung drehbar metrisches Gewinde

Codice/Code	ØD	F"	I	H	L	CH1	CH	■
RC55M504	4/2.7	M5	4	15	19.5	8	8	10
RC55M604	4/2.7	M6	5	13	20	9	9	10
RC55M505	5/3	M5	4	15	21.5	8	8	10
RC55M506	6/4	M5	4	15	22.5	9	8	10
RC55M12256	6/4	M12X1.25	9	20.5	22.5	12	10	10
RC55M12506	6/4	M12X1.50	9	20.5	22.5	12	10	10
RC55M12258	8/6	M12X1.25	9	20.5	22.5	14	10	10
RC55M12508	8/6	M12X1.50	9	20.5	22.5	14	10	10



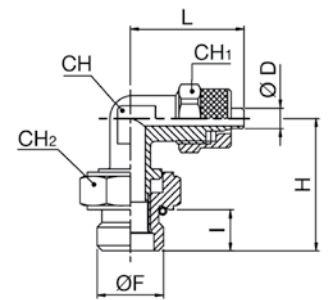
## RC 55OR



### Gomito maschio girevole con O-ring cilindrico BSPP

Elbow male (rotating body) with O-ring parallel BSPP  
Winkelverschraubung drehbar mit O-Ring

Codice/Code	ØD	F"	I	H	L	CH	CH1	CH2	■
RC55OR1804	4/2.7	G1/8	6	22.5	21.5	8	12	14	10
RC55OR1806	6/4	G1/8	6	22.5	22.5	8	12	14	10
RC55OR1406	6/4	G1/4	8	25	23.5	10	12	17	10
RC55OR1808	8/6	G1/8	6	22.5	23.5	10	14	14	10
RC55OR1408	8/6	G1/4	8	25	23.5	10	14	17	10
RC55OR1410	10/8	G1/4	8	25.5	23.5	11	16	17	10



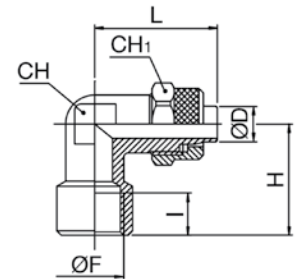
## RC 55F



### Gomito femmina cilindrico BSPP

Elbow female parallel BSPP  
Winkelverschraubung drehbar

Codice/Code	ØD	F"	I	H	L	CH1	CH	■
RC55F1805	5/3	G1/8	8	19	21.5	8	10	10
RC55F1806	6/4	G1/8	8	19	22.7	12	10	10
RC55F1406	6/4	G1/4	11	23	24.5	12	11	10
RC55F1808	8/6	G1/8	8	19	22.7	14	10	10
RC55F1408	8/6	G1/4	11	23	25	14	11	10
RC55F1410	10/8	G1/4	11	23.5	26	16	11	10
RC55F3812	12/10	G3/8	11.5	28	30.5	18	17	10



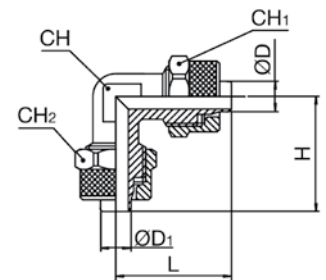
## RC 56



### L intermedio

L intermediate  
Winkelverbinder

Codice/Code	ØD	ØD1	H	L	CH	CH1	CH2	■
RC560004	4/2.7	4/2.7	20	20	9	9	9	10
RC560005	5/3	5/3	21.5	21.5	8	8	8	10
RC560006	6/4	6/4	21.5	21.5	8	12	12	10
RC560008	8/6	8/6	22.5	22.5	10	14	14	10
RC560010	10/8	10/8	25.5	25.5	11	16	16	10
RC560012	12/10	12/10	30	30	14	18	18	10
RC560015	15/12.5	15/12.5	34	34	17	22	22	10



# RC

## Raccordi a calzamento in ottone

Brass quick fittings

Schnellverschraubungen Messing

### RC 57OR

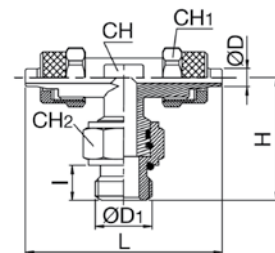


#### T girevole centrale maschio cilindrico BSPP con O-ring

Central T male rotating body parallel BSPP with O-ring

T-Mehrfachverteiler mit O-Ring

Codice/Code	ØD	ØD1	I	H	L	CH	CH1	CH2	■
RC57OR1804	4/2.7	G1/8	6	25.7	45	8	8	13	10
RC57OR1806	6/4	G1/8	6	25.7	45	8	12	13	10
RC57OR1406	6/4	G1/4	8	29	45.5	10	12	17	10
RC57OR1808	8/6	G1/8	6	26	45.5	10	14	13	10
RC57OR1408	8/6	G1/4	8	28	45.5	10	14	17	10
RC57OR1410	10/8	G1/4	8	29	51	11	16	17	10



### RC 57K

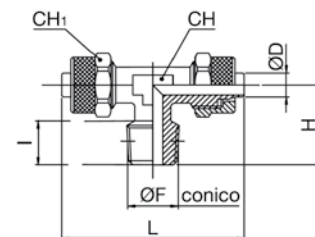


#### T al centro conico BSPT

Central T taper BSPT

T-Schwenkverschraubung drehbar, konisches Gewinde

Codice/Code	ØD	F"	I	L	H	CH1	CH	■
RC57K1804	4/2.7	R1/8	8	40.6	17	8	8	10
RC57M505	5/3	M5	4	43	15	8	8	10
RC57K1805	5/3	R1/8	8	43	17	8	8	10
RC57K1806	6/4	R1/8	8	45	17	12	8	10
RC57K1406	6/4	R1/4	10.5	45.5	20.5	12	10	10
RC57K3806	6/4	R3/8	11.5	48	22.5	12	11	10
RC57K1808	8/6	R1/8	8	45.5	17.5	14	10	10
RC57K1408	8/6	R1/4	11	45.5	20.5	14	10	10
RC57K3808	8/6	R3/8	11.5	48	22.5	14	11	10
RC57K1810	10/8	R1/8	8	51	18.5	16	12	10
RC57K1410	10/8	R1/4	10.5	51	21.5	16	12	10
RC57K3810	10/8	R3/8	11.5	51	22.5	16	11	10
RC57K1210	10/8	R1/2	14	57	28	17	16	10
RC57K3812	12/10	R3/8	11.5	60	24.5	18	14	10
RC57K1212	12/10	R1/2	14	61	28	18	17	10
RC57K1215	15/12.5	R1/2	14	68	28	22	17	10



### RC 58K

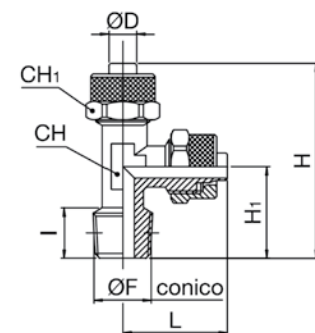


#### T laterale conico BSPT

Lateral T male taper BSPT

Lateral T-Verschraubung drehbar

Codice/Code	ØD	F"	I	H	L	H1	CH1	CH	■
RC58K1804	4/2.7	R1/8	8	38	21.5	17	8	8	10
RC58M505	5/3	M5	4	36.5	21.5	15	8	8	10
RC58K1805	5/3	R1/8	8	38.5	21.5	17	8	8	10
RC58K1806	6/4	R1/8	8	39.5	22.5	17	12	8	10
RC58K1406	6/4	R1/4	10.5	43.5	22.7	20.7	12	10	10
RC58K3806	6/4	R3/8	11.5	46.5	24	22.5	12	11	10
RC58K1808	8/6	R1/8	8	40.5	22.7	17.7	14	10	10
RC58K1408	8/6	R1/4	10.5	43.5	22.7	20.7	14	10	10
RC58K3808	8/6	R3/8	11.5	46.5	24	22.5	14	11	10
RC58K1810	10/8	R1/8	8	44	25.5	18.5	16	11	10
RC58K1410	10/8	R1/4	10.5	46.5	25.5	21	16	12	10
RC58K3810	10/8	R3/8	11.5	48	25.5	22.5	16	11	10
RC58K1210	10/8	R1/2	14	56.5	28.5	28	16	17	10
RC58K3812	12/10	R3/8	11.5	54.5	30	24.5	18	14	10
RC58K1212	12/10	R1/2	14	58.5	30.5	28	18	17	10
RC58K1215	15/12.5	R1/2	14	62	34	28	22	17	10



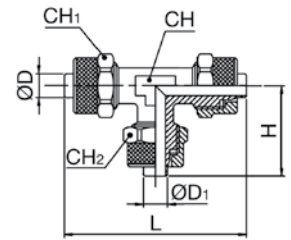
## RC 59



### T intermedio

T intermedia  
T-Verbindler

Codice/Code	ØD	ØD1	H	L	CH	CH1	CH2	■
<b>RC590004</b>	4/2.7	4/2.7	20.3	40.6	8	8	8	10
<b>RC590005</b>	5/3	5/3	21.5	43	8	8	8	10
<b>RC590006</b>	6/4	6/4	22.5	45	8	12	12	10
<b>RC590008</b>	8/6	8/6	22.5	45	10	14	14	10
<b>RC590010</b>	10/8	10/8	25.5	51	11	16	16	10
<b>RC590012</b>	12/10	12/10	30	60	14	18	18	10
<b>RC590015</b>	15/12.5	15/12.5	34	68	17	22	22	10



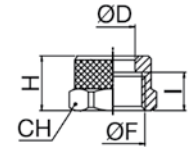
## RC 60



### Dado

Nut  
Verbindungsmutter

Codice/Code	ØD	F"	I	H	CH	■
<b>RC600004</b>	4/2.7	M6x0.5	6	8.1	8	10
<b>RC600005</b>	5/3	M7x0.75	6	8.5	8	10
<b>RC600806</b>	6/4	M8x0.75	6.5	9	9	10
<b>RC601006</b>	6/4	M10x1	7.5	10.5	12	10
<b>RC600008</b>	8/6	M12x1	7.5	10.5	14	10
<b>RC600010</b>	10/8	M14x1	8.5	11.5	16	10
<b>RC600012</b>	12/10	M16x1	10	13	18	10
<b>RC600015</b>	15/12.5	M20x1	11	15.5	22	10



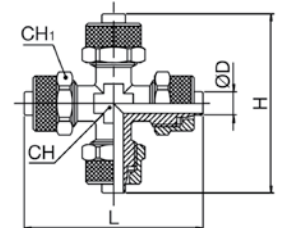
## RC 61



### Croce intermedio

Cross intermedia  
Kreuzverteiler

Codice/Code	ØD	H	L	CH	CH1	■
<b>RC610005</b>	5/3	43	43	8	8	10
<b>RC610006</b>	6/4	45	45	8	12	10
<b>RC610008</b>	8/6	45	45	10	14	10
<b>RC610010</b>	10/8	51	51	11	16	10



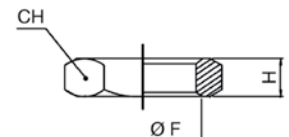
## RC 62



### Ghiera

Nut  
Mutter

Codice/Code	F"	H	CH	■
<b>RC6200M5</b>	M5	2.5	9	10
<b>RC620018</b>	G1/8	4.5	14	10
<b>RC620014</b>	G1/4	5	17	10
<b>RC620038</b>	G3/8	5.5	19	10
<b>RC620012</b>	G1/2	6	24	10
<b>RC620034</b>	G3/4	5	30	10
<b>RC620001</b>	G1	6	38	10



## Raccordi a calzamento in ottone

Brass quick fittings

Schnellverschraubungen Messing

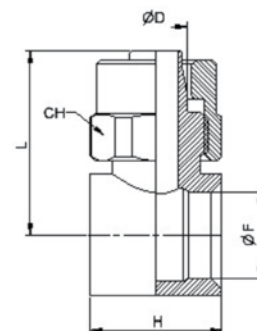
### RC 65



#### Banjo singolo

Banjo (single)  
Ringstück einfach

Codice/Code	ØD	F"	H	L	CH			
RC65M504	4/2.7	M5	9	18.2	9			10
RC65M506	6/4	M5	9	18.5	9			10
RC651806	6/4	G1/8	15	21.5	12			10
RC651406	6/4	G1/4	17	23.5	12			10
RC651808	8/6	G1/8	15	21	14			10
RC651408	8/6	G1/4	17	24.5	14			10
RC651410	10/8	G1/4	17	25.5	16			10



### RC 66

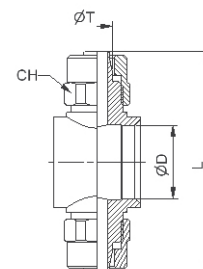


#### Banjo doppio

Banjo (double)  
Ringstück zweifach

Codice/Code	ØD	F"	L	CH				
RC661806	6/4	G1/8	43	12				10
*RC661406	6/4	G1/4	50	12				10
RC661808	8/6	G1/8	43	14				10
*RC661408	8/6	G1/4	50	14				10
*RC661410	10/8	G1/4	53	16				10

\* Articolo da assemblare con aste cod. AS87S - AS88S  
\* Item used with streams AS87s - AS88S  
\* Artikel zusammengebaut mit AS87s - AS88S



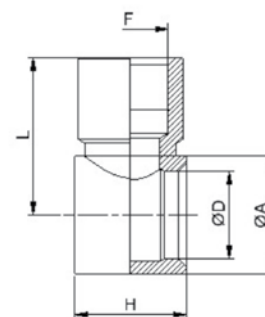
### RC 72



#### Banjo filettato

Female banjo  
Ringstück

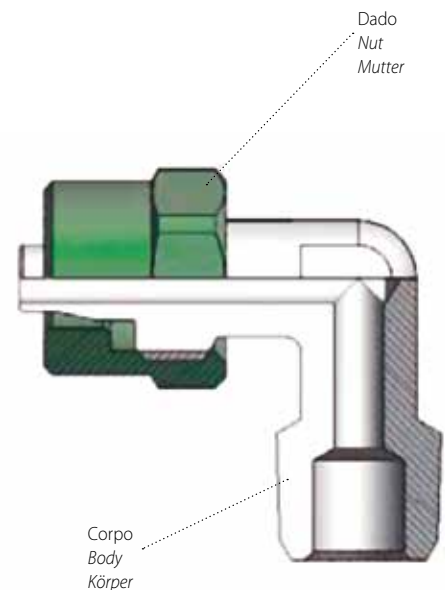
Codice/Code	F"	ØD	H	ØA	L			
RC720018	G1/8	1/8	15	7	20			10
RC720014	G1/4	1/4	17	8	24			10
RC720038	G3/8	3/8	20	10	28			10



## Dati tecnici dei raccordi a calzamento teflonati

Tefloned quick fittings technical data  
Technischen Daten der Schnellverschraubungen mit Teflon

<b>Fluido</b> Aria compressa, acqua (altri fluidi a richiesta)	<b>Fluid</b> Compressed air, water (other fluids on request)	<b>Fluid</b> Druckluft, Wasser (andere Medien auf Anfrage)
<b>Applicazioni</b> Pneumatica (idraulica a bassa pressione)	<b>Applications</b> Pneumatic (hydraulic systems with low pressure)	<b>Anwendungen</b> Pneumatisch (hydraulische Niederdruck)
<b>Temperature e pressioni</b> Le temperature e le pressioni dipendono dalle caratteristiche del tubo impiegato.	<b>Pressure and temperature</b> Pressure and temperatures depend on tube features.	<b>Temperatur und druck</b> Die Temperaturen und Drucke hängen von den Eigenschaften des verwendeten Schlauchs
<b>Tubi consigliati</b> 1)Poliuretano - 2)Poliammide - 3)Polietilene - 4)Nylon	<b>Recommended tubes</b> 1)Polyurethane - 2)Polyamide - 3)Polyethylene - 4)Nylon	<b>Rohrmpfehlungen</b> 1) Polyurethan - 2) Polyamid - 3) Polyethylen - 4) Nylon
<b>Tolleranze</b> ± 0.10 mm	<b>Tolerances</b> ± 0.10 mm	<b>Toleranzen</b> ±0.10 mm
<b>Materiali</b> Corpo Ottone nichelato CW614 N / CW617 N Dado Ottone nichelato CW614 N	<b>Materials</b> Body Nickel plated brass CW614 N / CW617 N Nut Nickel plated brass CW614 N	<b>Werkstoffen</b> Körper vernickelt Messing CW614N/CW617N Mutter vernickelt Messing CW614N
<b>Filettatura</b> BSPT conica UNI-ISO 7 teflonata.	<b>Thread types</b> BSPT taper UNI-ISO 7 with teflon.	<b>Gewinde</b> BSPT konische UNI-ISO 7 mit Teflon
<b>Diametri e filetti</b> Diametri da 4 mm a 15mm Filettature da 1/8 a 1/2"	<b>Threads and diameters</b> Diameters from 4 mm to 15 mm Threads from 1/8 to 1/2"	<b>Durchmesser und Gewinde</b> Durchmesser von 4 mm bis 15 mm Gewinde von 1/8 bis 1/2"
<b>Note</b> Disponibili altri articoli su richiesta	<b>Note</b> Other article available on demand	<b>Note</b> Andere Artikeln zur Verfügung auf Anfrage





# Raccordi a calzamento teflonati

Tefloned quick fittings

Schnellverschraubungen mit Teflon

## CT 51K

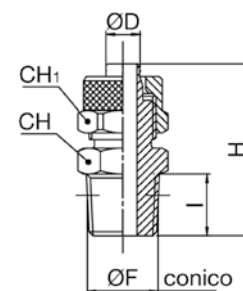


### Diritto maschio conico BSPT teflonato

Tefloned male straight taper BSPT

Gerade Einschraubverschraubung mit Teflon

Codice/Code	ØD	F"	I	H	CH1	CH		
CT51K1804	4/2.7	R1/8	8	23.8	8	12		10
CT51K1806	6/4	R1/8	8	27	12	12		10
CT51K1406	6/4	R1/4	10.5	31	14	14		10
CT51K1808	8/6	R1/8	8	27	14	12		10
CT51K1408	8/6	R1/4	10.5	31	14	14		10
CT51K1410	10/8	R1/4	10.5	32	16	14		10
CT51K3810	10/8	R3/8	10.5	32	16	17		10
CT51K3812	12/10	R3/8	11.5	34.5	18	17		10
CT51K1215	15/12.5	R1/2	14	39.5	22	22		10



## CT 55K

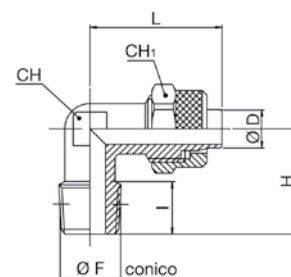


### Gomito maschio conico BSPT teflonato

Tefloned elbow male taper BSPT

Winkelverschraubung drehbar mit Teflon

Codice/Code	ØD	F"	I	H	L	CH	CH1	
CT55K1804	4/2.7	R1/8	8	17	19.5	8	8	10
CT55K1806	6/4	R1/8	8	17	22.5	8	12	10
CT55K1406	6/4	R1/4	11	20	22.5	10	12	10
CT55K1808	8/6	R1/8	8	17	22.5	10	14	10
CT55K1408	8/6	R1/4	11	20	22.5	10	14	10
CT55K1410	10/8	R1/4	11	21.5	25.5	11	16	10
CT55K3810	10/8	R3/8	11.5	22.5	25.5	16	16	10
CT55K3812	12/10	R3/8	11.5	24.5	30	14	18	10
CT55K1215	15/12.5	R1/2	14	28	34	17	22	10



## Dati tecnici raccordi a calzamento INOX AISI 316

INOX AISI 316 quick fittings technical data

Technischen Daten der Schnellverschraubungen Edelstahl AISI 316

#### Applicazioni

Circuiti idraulici, pneumatici, oleodinamici e per il settore alimentare, farmaceutico e chimico medicale

#### Materiali

Corpo Acciaio INOX AISI 316  
Dado Acciaio INOX AISI 316  
OR per raccordi girevoli FKM (VITON®)

#### Pressione di esercizio

25 bar (PN25) a 20°C

#### Temperatura di utilizzo

-40°C ÷ +180°C

#### Tolleranze del tubo

± 0.1 mm

#### Filettatura

Gas conica BSPT DIN3858  
Gas cilindrica BSPP ISO228 (DIN259)

#### Tubi consigliati

1) PTFE - 2) Polietilene - 3) Fluoropolimero FEP

#### Diametri

Da 6 a 12 mm

#### Filetti

Filettature da 1/8" a 1/2"

#### Applications

Hydraulic systems and Pneumatic, food, pharmaceutical applications and chemical medical

#### Materials

Body AISI 316 stainless steel  
Nut AISI 316 stainless steel  
OR for swivel fittings FKM (VITON®)

#### Working pressure

25 bar (PN25) at 20°C

#### Temperature range

-40°F ÷ +356°F

#### Tube tolerances

± 0.1 mm

#### Thread types

Taper Gas BSPT DIN3858  
Cylindrical Gas BSPP ISO228 (DIN259)

#### Recommended tubes

1) PTFE - 2) Polyethylene - 3) Fluoropolymer FEP

#### Diameters

from 6 to 12 mm

#### Threads

Thread from 1/8" to 1/2"

#### Anwendungen

Hydraulik-, Pneumatik-, Lebensmittel-, pharmazeutischen und chemischen medizinischen

#### Werkstoffe

Körper Edelstahl AISI 316  
Mutter Edelstahl AISI 316  
OR für Schwenkarmaturen FKM (VITON®)

#### Betriebsdruck

25 bar (PN25) bei 20°C

#### Temperatur

-40°C ÷ +180°C

#### Toleranzen

± 0.1 mm

#### Gewinden

Gas konisch BSPT DIN3858  
Gas zylindrisch BSPP ISO228 (DIN259)

#### Rohrempfehlungen

1) PTFE - 2) Polyethylen - 3) Fluoropolymer FEP

#### Durchmesser

Von 6 mm bis 12 mm

#### Gewinde

Gewinde von 1/8" bis 1/2"

## Raccordi a calzamento INOX AISI 316

INOX AISI 316 quick fittings

Schnellverschraubungen Edelstahl AISI 316

### CX 51K

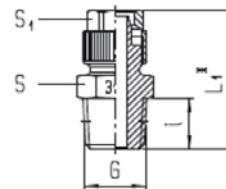


#### Diritto maschio conico BSPT

Male straight taper BSPT

Gerade Einschraubverschraubung konisches Gewinde

Codice/Code	Tubo Pipe	G"	Peso(g) Weight	i	L1	S1	S	
CX51K1806	6/4	R1/8	18.8	7.5	26	12	12	1
CX51K1406	6/4	R1/4	21.8	11	30	12	14	1
CX51K1808	8/6	R1/8	17.2	7.5	26	14	12	1
CX51K1408	8/6	R1/4	25.1	11	30	14	14	1
CX51K1810	10/8	R1/8	27.9	7.5	27.5	17	14	1
CX51K1410	10/8	R1/4	30.4	11	31.5	17	14	1
CX51K3810	10/8	R3/8	41	11.5	32	17	17	1
CX51K3812	12/10	R3/8	43.9	11.5	33.5	19	17	1
CX51K1212	12/10	R1/2	14	14	36.5	19	22	1



L1\* = lunghezza approssimativa con dado serrato  
L1\* = approximate length with nut tightened  
L1\* = Ungefährmaß bei angezogener U-Mutter

### CX 51

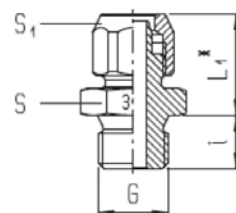


#### Diritto maschio cilindrico BSPP

Male straight parallel BSPP

Gerade Einschraubverschraubung zylindrisches Gewinde

Codice/Code	Tubo Pipe	G"	Peso(g) Weight	i	L1	S1	S	
CX511806	6/4	G1/8	14.8	8	18.5	12	13	1
CX511406	6/4	G1/4	23.9	10	19	12	17	1
CX511808	8/6	G1/8	17.8	8	18.5	14	13	1
CX511408	8/6	G1/4	26.7	10	19	14	17	1
CX511810	10/8	G1/8	27.7	8	20	17	14	1
CX511410	10/8	G1/4	32.7	10	20.5	17	17	1
CX513810	10/8	G3/8	40.4	10	20.5	17	19	1
CX511412	12/10	G1/4	10	10	22	19	17	1
CX513812	12/10	G3/8	43.8	10	22	19	19	1
CX511212	12/10	G1/2	47.3	12	22.5	19	24	1



L1\* = lunghezza approssimativa con dado serrato  
L1\* = approximate length with nut tightened  
L1\* = Ungefährmaß bei angezogener U-Mutter

### CX 55K

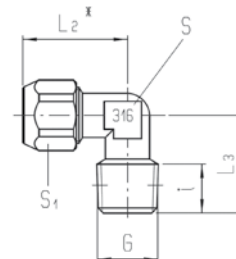


#### Gomito maschio conico BSPT

Elbow male taper BSPT

L-Verbinder, konisches Gewinde

Codice/Code	Tubo Pipe	G"	Peso(g) Weight	i	L2	L3	S1	S	
CX55K1806	6/4	R1/8	18.8	9	22.5	18.5	12	10	1
CX55K1406	6/4	R1/4	21.8	10.5	22.5	21	12	10	1
CX55K1808	8/6	R1/8	20.3	9	22.5	18.5	14	10	1
CX55K1408	8/6	R1/4	22.9	10.5	22.5	21	14	10	1
CX55K3808	8/6	R3/8	41.4	11	26.5	24.5	14	13	1
CX55K1810	10/8	R1/8	27	9	24.5	18.5	17	10	1
CX55K1410	10/8	R1/4	30.6	10.5	24.5	21	17	10	1
CX55K3810	10/8	R3/8	46.2	11	27	24.5	17	13	1
CX55K3812	12/10	R3/8	48.6	11.5	29	25	19	13	1
CX55K1212	12/10	R1/2	66.1	14	30.5	29	19	17	1



L2\* = lunghezza approssimativa con dado serrato  
L2\* = approximate length with nut tightened  
L2\* = Ungefährmaß bei angezogener U-Mutter

### CX 72K

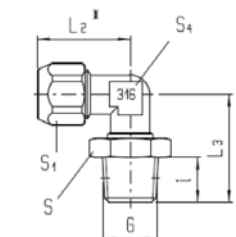


#### Gomito maschio girevole conico BSPT

Elbow male rotating body taper BSPT

L-Verbinder, konisches Gewinde

Codice/Code	Tubo Pipe	G"	Peso(g) Weight	i	L2	L3	S1	S4	S	
CX72K1806	6/4	R1/8	24.1	7.5	22.5	21.5	12	10	13	1
CX72K1406	6/4	R1/4	28.2	11	22.5	25.5	12	10	17	1
CX72K1808	8/6	R1/8	25.2	7.5	22.5	21.5	14	10	13	1
CX72K1408	8/6	R1/4	29.4	11	22.5	25.5	14	10	17	1
CX72K1410	10/8	R1/4	35.5	11	24	25.5	17	10	17	1



L2\* = lunghezza approssimativa con dado serrato  
L2\* = approximate length with nut tightened  
L2\* = Ungefährmaß bei angezogener U-Mutter

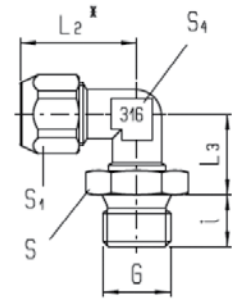
## CX 72



### Gomito maschio girevole cilindrico BSPP

Elbow male rotating body parallel BSPP  
L-Verbinder zylindrisches Gewinde

Codice/Code	Tubo Pipe	G"	Peso(g) Weight	i	L2	L3	S1	S4	S	
<b>CX721806</b>	6/4	G1/8	24.9	8	22.5	14	12	10	13	1
<b>CX721406</b>	6/4	G1/4	28.2	10	22.5	14.5	12	10	17	1
<b>CX721808</b>	8/6	G1/8	25.6	8	22.5	14	14	10	13	1
<b>CX721408</b>	8/6	G1/4	29.6	10	22.5	14.5	14	10	17	1
<b>CX721410</b>	10/8	G1/4	36.1	10	24	14.5	17	10	17	1



L2\* = lunghezza approssimativa con dado serrato  
L2\* = approximate length with nut tightened  
L2\* = Ungefährlänge bei angezogener Ü-Mutter

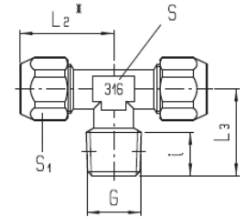
## CX 57K



### T al centro conico BSPT

Central T taper BSPT  
T-Einschraubverschraubung konisches Gewinde

Codice/Code	Tubo Pipe	G"	Peso(g) Weight	i	L2	L3	S1	S	
<b>CX57K1806</b>	6/4	R1/8	30.2	9	22.5	18.5	12	10	1
<b>CX57K1406</b>	6/4	R1/4	33.2	10.5	22.5	21	12	10	1
<b>CX57K1808</b>	8/6	R1/8	32.2	9	22.5	18.5	14	10	1
<b>CX57K1408</b>	8/6	R1/4	35.2	10.5	22.5	21	14	10	1
<b>CX57K1810</b>	10/8	R1/8	46.9	9	25	18.5	17	10	1
<b>CX57K1410</b>	10/8	R1/4	50.8	10.5	25	21	17	10	1
<b>CX57K3810</b>	10/8	R3/8	69.5	11.5	27	25	17	13	1
<b>CX57K3812</b>	12/10	R3/8	74.2	11.5	29	25	19	13	1
<b>CX57K1212</b>	12/10	R1/2	106	14	30.5	29	19	17	1




L2\* = lunghezza approssimativa con dado serrato  
L2\* = approximate length with nut tightened  
L2\* = Ungefährlänge bei angezogener Ü-Mutter

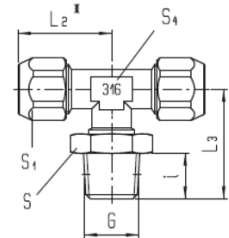
## CX 70K



### T al centro girevole conico BSPT

Central T rotating body taper BSPT  
T-Einschraubverschraubung Drehbar, konisches Gewinde

Codice/Code	Tubo Pipe	G"	Peso(g) Weight	i	L2	L3	S1	S4	S	
<b>CX70K1806</b>	6/4	R1/8	35.4	7.5	22.5	21.5	12	10	13	1
<b>CX70K1406</b>	6/4	R1/4	39.6	11	22.5	25.5	12	10	17	1
<b>CX70K1808</b>	8/6	R1/8	37.5	7.5	22.5	21.5	14	10	13	1
<b>CX70K1408</b>	8/6	R1/4	42.1	11	22.5	25.5	14	10	17	1
<b>CX70K1410</b>	10/8	R1/4	53.1	11	24	25.5	17	10	17	1




L2\* = lunghezza approssimativa con dado serrato  
L2\* = approximate length with nut tightened  
L2\* = Ungefährlänge bei angezogener Ü-Mutter

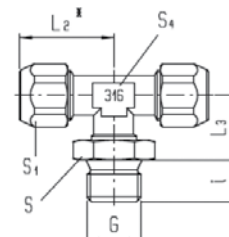
## CX 70



### T al centro girevole cilindrico BSPP

Central T rotating body parallel BSPP  
T-Verbinder konisches Gewinde

Codice/Code	Tubo Pipe	G"	Peso(g) Weight	i	L2	L3	S1	S4	S	
<b>CX701806</b>	6/4	G1/8	35.5	8	22.5	14	12	10	13	1
<b>CX701406</b>	6/4	G1/4	38.3	10	22.5	14.5	12	10	17	1
<b>CX701808</b>	8/6	G1/8	37.4	8	22.5	14	14	10	13	1
<b>CX701408</b>	8/6	G1/4	41.4	10	22.5	14.5	14	10	17	1
<b>CX701410</b>	10/8	G1/4	53.7	10	24	14.5	17	10	17	1



L2\* = lunghezza approssimativa con dado serrato  
L2\* = approximate length with nut tightened  
L2\* = Ungefährlänge bei angezogener Ü-Mutter

# CX

## Raccordi a calzamento INOX AISI 316

INOX AISI 316 quick fittings

Schnellverschraubungen Edelstahl AISI 316

### CX 58K

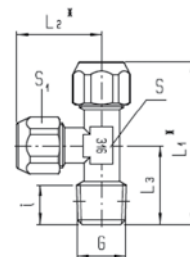


#### T laterale conico BSPT

Lateral T taper BSPT

Lateral T-Verschraubung drehbar, konisches Gewinde

Codice/Code	Tubo Pipe	G"	Peso(g) Weight	i	L1	L2	L3	S1	S	
<b>CX58K1806</b>	6/4	R1/8	30	9	41	22.5	18.5	12	10	1
<b>CX58K1406</b>	6/4	R1/4	32.8	10	43.5	22.5	21	12	10	1
<b>CX58K1808</b>	8/6	R1/8	32.1	9	41	22.5	18.5	14	10	1
<b>CX58K1408</b>	8/6	R1/4	34.8	10.5	43.5	22.5	21	14	10	1
<b>CX58K1810</b>	10/8	R1/8	9	43.5	25	18.5	17	10	1	1
<b>CX58K1410</b>	10/8	R1/4	10.5	46	25	21	17	10	1	1
<b>CX58K3810</b>	10/8	R3/8	11.5	52	27	25	17	13	1	1



L1\*/L2\* = lunghezza approssimativa con dado serrato  
L1\*/L2\* = approximate length with nut tightened  
L1\*/L2\* = Ungefährlänge bei angezogener U-Mutter

### CX 56

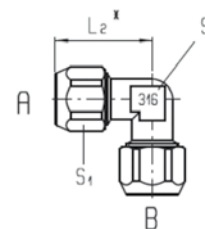


#### L intermedio

L intermedie

L-Verbinder

Codice/Code	A	B	Peso(g) Weight	L2	S1	S			
<b>CX560006</b>	6/4	6/4	26.2	22.5	12	10			1
<b>CX560008</b>	8/6	8/6	27.8	22.5	14	10			1
<b>CX560010</b>	10/8	10/8	41.4	25	17	10			1
<b>CX560012</b>	12/10	12/10		29	19	13			1



L2\* = lunghezza approssimativa con dado serrato  
L2\* = approximate length with nut tightened  
L2\* = Ungefährlänge bei angezogener U-Mutter

### CX 59

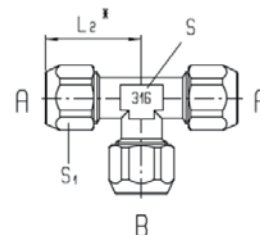


#### T intermedio

T intermedie

T-Verbinder

Codice/Code	A	B	Peso(g) Weight	L2	S1	S			
<b>CX590006</b>	6/4	6/4	37	22.5	12	10			1
<b>CX590008</b>	8/6	8/6	38.9	22.5	14	10			1
<b>CX590010</b>	10/8	10/8	61	25	17	10			1
<b>CX590012</b>	12/10	12/10	115	29	19	13			1



L2\* = lunghezza approssimativa con dado serrato  
L2\* = approximate length with nut tightened  
L2\* = Ungefährlänge bei angezogener U-Mutter

### CX 60

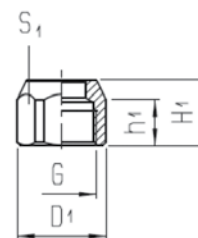


#### Dado

Nut

Überwurfmutter

Codice/Code	Tubo Pipe	G"	Peso(g) Weight	H1	h1	D1	S1		
<b>CX600006</b>	6/4	M10x1	5.1	11.5	8	13.1	12		1
<b>CX600008</b>	8/6	M12x1	6	11.5	8	15.3	14		1
<b>CX600010</b>	10/8	M14x1	11.7	13.5	9.5	18.5	17		1
<b>CX600012</b>	12/10	M16x1	14.8	14.5	9	21	19		1







# Raccordi ad ogiva

Compression fittings  
Schneidringverschraubungen

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**RG**

## Raccordi ad ogiva in ottone

Brass compression fittings  
Schneidringverschraubungen Messing

213

**BX**

## Raccordi ad ogiva INOX AISI 316

INOX AISI 316 compression fittings  
Schneidringverschraubungen Edelstahl AISI 316

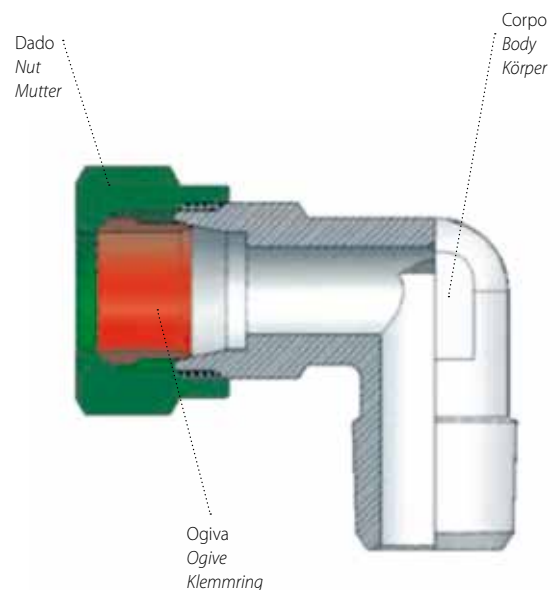
218

## Dati tecnici dei raccordi ad ogiva in ottone

Brass compression fittings technical data

Technischen Daten der Schneidringverschraubungen Messing

<b>Fluido</b> Aria compressa, acqua (altri fluidi a richiesta)	<b>Fluid</b> Compressed air, water (other fluids on request)	<b>Fluid</b> Druckluft, Wasser (andere Medien auf Anfrage)
<b>Applicazioni</b> Pneumatica (idraulica a bassa pressione)	<b>Applications</b> Pneumatic (hydraulic systems with low pression)	<b>Anwendungen</b> Pneumatisch (hydraulische Niederdruck)
<b>Temperature e pressioni</b> Le temperature e le pressioni dipendono dalle caratteristiche del tubo impiegato.	<b>Pressure and temperature</b> Pressure and temperatures depend on tube features.	<b>Temperatur und druck</b> Die Temperaturen und Drucke hängen von den Eigenschaften des verwendeten Schlauchs.
<b>Tubi consigliati</b> 1) Rame - 2) Ferro - 3) Acciaio - 4) Ottone - 5) Plastica	<b>Recommended tubes</b> 1) Copper - 2) Iron - 3) Steel - 4) Brass - 5) Plastic	<b>Rohrmpfehlungen</b> 1) Kupfer - 2) Eisen - 3) Stahl - 4) Messing - 5) Kunststoff
<b>Nota</b> Per i tubi plastici inserire all'interno del tubo la boccola di supporto art. RG62.	<b>Note</b> For plastic tubes insert inside the tube the support buckle art. RG62.	<b>Bemerkung</b> Für Kunststoff-Schlauch einfügen die Lagerbuche Art. RG62.
<b>Tolleranze</b> ± 0.10 mm	<b>Tolerances</b> ± 0.10 mm	<b>Toleranzen</b> ±0.10 mm
<b>Materiali</b> Corpo Ottone nichelato CW614 N / CW617 N Ogiva Ottone CW614 N Dado Ottone nichelato CW614 N	<b>Materials</b> Body Nickel plated brass CW614 N / CW617 N Ogive Brass CW614 N Nut Nickel plated brass CW614 N	<b>Werkstoffen</b> Körper vernickelt Messing CW614N / CW617N Klemmring Messing CW614N Mutter vernickelt Messing CW614N
<b>Filettatura</b> BSPP cilindrica UNI-ISO228. BSPT conica UNI-ISO 7. Metrica ISO/R 262.	<b>Thread types</b> BSPP cylindrical UNI-ISO228. BSPT taper UNI-ISO 7. Metric ISO/R 262.	<b>Gewinde</b> BSPP zylindrisch UNI-ISO228 - ISO16030. BSPT konische UNI-ISO 7. Metrisch ISO/R 262.
<b>Diametri e filetti</b> Diametri da 4 mm a 18 mm Filettature da 1/8" a 1/2"	<b>Threads and diameters</b> Diameters from 4 mm to 18 mm Threads from 1/8" to 1/2"	<b>Durchmesser und Gewinde</b> Durchmesser von 4 mm bis 18 mm Gewinde von M5 bis 1/2"
<b>Dado, ogiva e sede</b> A norma DIN 3861 - 3870	<b>Nut, ogive</b> Norme DIN 3861 - 3870	<b>Mutter, Klemmring</b> Standard DIN 3861 - 3870



## Raccordi ad ogiva in ottone

### Brass compression fittings

### Schneidringverschraubungen Messing

#### RG 51K

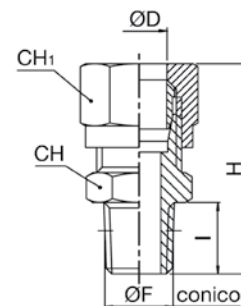


#### Diritto maschio conico BSPT

Male straight taper BSPT

Gerade Einschraubverschraubung konisches Gewinde

Codice/Code	ØD	F"	I	H	CH	CH1		
RG51K1804	4	R1/8	8	27	10	10		10
RG51K1806	6	R1/8	8	28	12	12		10
RG51K1406	6	R1/4	11	32.5	14	12		10
RG51K1808	8	R1/8	8	29.5	12	14		10
RG51K1408	8	R1/4	11	33	14	14		10
RG51K3808	8	R3/8	11.5	33	17	14		10
RG51K1410	10	R1/4	11	37.5	17	19		10
RG51K3810	10	R3/8	11.5	38	17	19		10
RG51K1210	10	R1/2	14	40.5	22	19		10
RG51K3812	12	R3/8	11.5	39	19	22		10
RG51K1212	12	R1/2	14	41	22	22		10
RG51K1214	14	R1/2	14	42.5	22	27		10
RG51K1215	15	R1/2	14	42.5	22	27		10
RG51K1216	16	R1/2	14	42	24	30		10
RG51K1218	18	R1/2	14	43	26	32		10



#### RG 51

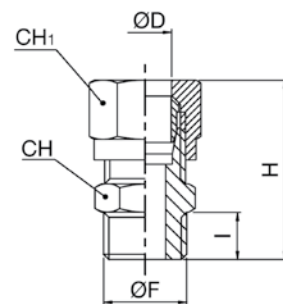


#### Diritto maschio cilindrico BSPP

Male straight parallel BSPP

Gerade Einschraubverschraubung zylindrisches Gewinde

Codice/Code	ØD	F"	I	H	CH	CH1		
RG511804	4	G1/8	6	25	14	10		10
RG511806	6	G1/8	6	26	14	12		10
RG511406	6	G1/4	8	29.5	17	12		10
RG511808	8	G1/8	6	27.5	14	14		10
RG511408	8	G1/4	8	30	17	14		10
RG513808	8	G3/8	9	30.5	19	14		10
RG511410	10	G1/4	8	34.5	17	19		10
RG513810	10	G3/8	9	36	19	19		10



#### RG 52

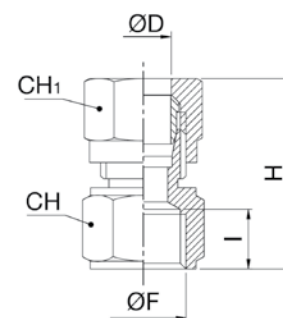


#### Femmina diritto cilindrico BSPP

Female straight parallel BSPP

Gerade Aufsraubverschraubung

Codice/Code	ØD	F"	I	H	CH	CH1		
RG521804	4	G1/8	8	24.5	14	10		10
RG521806	6	G1/8	8	26	14	12		10
RG521406	6	G1/4	11	30.5	17	12		10
RG521808	8	G1/8	8	26.5	14	14		10
RG521408	8	G1/4	11	31	17	14		10
RG523808	8	G3/8	11.5	31	20	14		10
RG521410	10	G1/4	11	35.5	17	19		10
RG523810	10	G3/8	11.5	36.5	20	19		10
RG523812	12	G3/8	11.5	37	20	22		10
RG521212	12	G1/2	15	38.5	24	22		10
RG521214	14	G1/2	15	40	24	27		10
RG521215	15	G1/2	15	40.5	24	27		10
RG521216	16	G1/2	15	41.5	24	30		10
RG521218	18	G1/2	15	43	26	32		10



#### RG 53

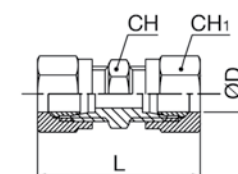


#### Diritto intermedio

Straight intermediate

Gerader Verbinder

Codice/Code	ØD	L	CH	CH1				
RG530004	4	33.5	10	10				10
RG530006	6	36.5	12	12				10
RG530008	8	38.5	14	14				10
RG530010	10	47.5	17	19				10
RG530012	12	50.5	19	22				10
RG530014	14	55.5	24	27				10
RG530015	15	55.5	24	27				10
RG530016	16	58	24	30				10
RG530018	18	60	26	32				10

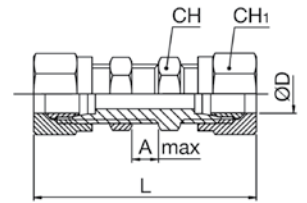


## RG 54



**Passalamiera**  
Union bulkhead  
Schottverschraubung

Codice/Code	ØD	A max	L	CH	CH1			
RG540006	6	15.5	51.5	14	12			10
RG540008	8	16.5	55.5	16	14			10
RG540010	10	15.5	62.5	19	19			10
RG540012	12	16	64.5	22	22			10
RG540014	14	18	69.5	25	27			10
RG540015	15	18	69.5	25	27			10

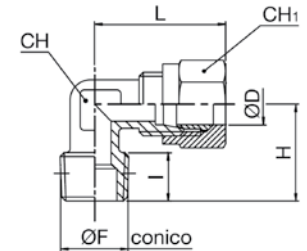


## RG 55K



**Gomito maschio conico BSPT**  
Elbow male taper BSPT  
Winkelverschraubung konisches Gewinde

Codice/Code	ØD	F"	I	H	L	CH	CH1	
RG55K1804	4	R1/8	8	16	21	9	10	10
RG55K1806	6	R1/8	8	16	22	9	12	10
RG55K1406	6	R1/4	11	20	24.5	11	12	10
RG55K1808	8	R1/8	8	17	24	11	14	10
RG55K1408	8	R1/4	11	20	24	11	14	10
RG55K3808	8	R3/8	11.5	24	27	13	14	10
RG55K1410	10	R1/4	11	23.5	32	13	19	10
RG55K3810	10	R3/8	11.5	24	32	13	19	10
RG55K1210	10	R1/2	14	28.5	14	15	19	10
RG55K3812	12	R3/8	11.5	25.5	34.5	15	22	10
RG55K1212	12	R1/2	14	28.5	34.5	15	22	10
RG55K1214	14	R1/2	14	30	38	17	27	10
RG55K1215	15	R1/2	14	30	38	17	27	10
RG55K1216	16	R1/2	14	31.5	39.5	19	30	10
RG55K1218	18	R1/2	14	34	44	22	32	10

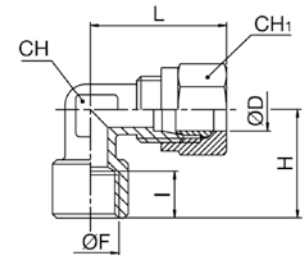


## RG 55F



**Gomito femmina cilindrico BSPP**  
Elbow female parallel BSPP  
Winkelaufschraubverschraubung

Codice/Code	ØD	F"	I	H	L	CH	CH1	
RG55F1804	4	G1/8	8	20	22	9	10	10
RG55F1806	6	G1/8	8	20	24	9	12	10
RG55F1406	6	G1/4	11	25.5	27	13	12	10
RG55F1808	8	G1/8	8	20	24	11	14	10
RG55F1408	8	G1/4	11	25.5	27.5	13	14	10

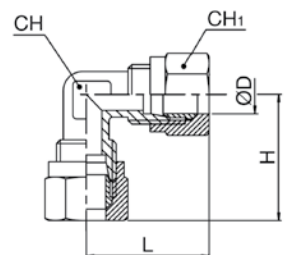


## RG 56



**L intermedio**  
L Intermediate  
Winkelverbindung

Codice/Code	ØD	H	L	CH	CH1			
RG560004	4	21	21	9	10			10
RG560006	6	23	23	9	12			10
RG560008	8	24	24	11	14			10
RG560010	10	32	32	13	19			10
RG560012	12	34.5	34.5	15	22			10
RG560014	14	38	38	17	27			10
RG560015	15	38	38	17	27			10
RG560016	16	39.5	39.5	19	30			10
RG560018	18	44	44	22	32			10



## Raccordi ad ogiva in ottone

### Brass compression fittings

### Schneidringverschraubungen Messing

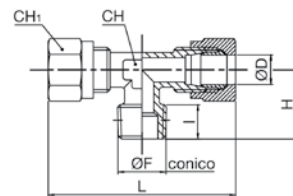
#### RG 57K



#### T al centro conico BSPT

Central T taper BSPT  
T-Einschraubverschraubung, konisches Gewinde

Codice/Code	ØD	F"	I	H	L	CH	CH1	
RG57K1804	4	R1/8	8	16	42	9	10	10
RG57K1806	6	R1/8	8	16	46	9	12	10
RG57K1406	6	R1/4	11	20	48	11	12	10
RG57K1808	8	R1/8	8	17	48	11	14	10
RG57K1408	8	R1/4	11	20	48	11	14	10
RG57K3808	8	R3/8	11.5	24	54	13	14	10
RG57K1410	10	R1/4	11	23.5	64	13	19	10
RG57K3810	10	R3/8	11.5	24	64	13	19	10
RG57K3812	12	R3/8	11.5	25.5	69	15	22	10
RG57K1212	12	R1/2	14	28.5	69	15	22	10
RG57K1214	14	R1/2	14	30	76	17	27	10
RG57K1215	15	R1/2	14	30	76	17	27	10
RG57K1216	16	R1/2	14	31.5	79	19	30	10
RG57K1218	18	R1/2	14	34	88	22	32	10



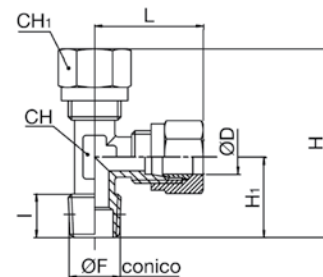
#### RG 58K



#### T laterale conico BSPT

Lateral T male taper BSPT  
Lateral T-Verschraubung drehbar, konisches Gewinde

Codice/Code	ØD	F"	I	H	H1	L	CH	CH1	
RG58K1804	4	R1/8	8	37	16	21	9	10	10
RG58K1806	6	R1/8	8	39	16	23	9	10	10
RG58K1406	6	R1/4	11	44.5	20	24.5	11	12	10
RG58K1808	8	R1/8	8	41	17	24	11	14	10
RG58K1408	8	R1/4	11	44	20	24	11	14	10
RG58K3808	8	R3/8	11.5	51	24	27	13	14	10
RG58K1410	10	R1/4	11	55.5	23.5	32	13	19	10
RG58K3810	10	R3/8	11.5	56	24	32	13	19	10
RG58K3812	12	R3/8	11.5	60	25.5	34.5	15	22	10
RG58K1212	12	R1/2	14	63	28.5	34.5	15	22	10
RG58K1214	14	R1/2	14	68	30	38	17	27	10
RG58K1215	15	R1/2	14	68	30	38	17	27	10
RG58K1216	16	R1/2	14	71	31.5	39.5	19	30	10
RG58K1218	18	R1/2	14	78	34	44	22	32	10



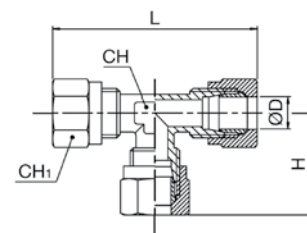
#### RG 59



#### T intermedio

T intermediale  
T-Verbinde

Codice/Code	ØD	H	L	CH	CH1		
RG590004	4	21	42	9	10		10
RG590006	6	23	46	9	12		10
RG590008	8	24	48	11	14		10
RG590010	10	32	64	13	19		10
RG590012	12	34.5	69	15	22		10
RG590014	14	38	76	17	27		10
RG590015	15	38	76	17	27		10
RG590016	16	39.5	79	19	30		10
RG590018	18	44	88	22	32		10



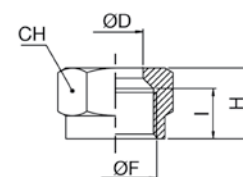
#### RG 60



#### Dado

Nut  
Überwurfmutter

Codice/Code	ØD	F"	I	H	CH		
RG600004	4	M8x1	7.5	11	10		10
RG600006	6	M10x1	8.5	11.5	12		10
RG600008	8	M12x1	9	12	14		10
RG600010	10	M16x1.5	11.5	15.5	19		10
RG600012	12	M18x1.5	11.5	15.5	22		10
RG600014	14	M22x1.5	12	17.5	27		10
RG600015	15	M22x1.5	12	17	27		10
RG600016	16	M24x1.5	12	17.5	30		10
RG600018	18	M26x1.5	12.5	18.5	32		10

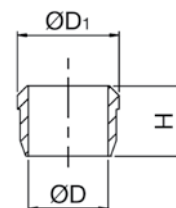


## RG 61



Ogiva  
Ogive  
Klemmring

Codice/Code	ØD	ØD1	H						
RG610004	4	6	6						10
RG610006	6	8	7						10
RG610008	8	10	7						10
RG610010	10	13	10						10
RG610012	12	15	10						10
RG610014	14	17	10						10
RG610015	15	18	10						10
RG610016	16	19	10						10
RG610018	18	21	10.5						10

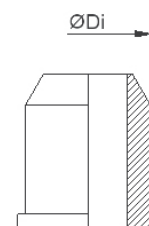


## RG 62



Boccola di supporto  
Support Buckle  
Verstärkungshülse

Codice/Code	ØDi								
RG620025	2.5								100
RG620004	4								100
RG620006	6								100
RG620008	8								100
RG620010	10								100
RG620012	12								100
RG620014	14								100
RG620015	15								100

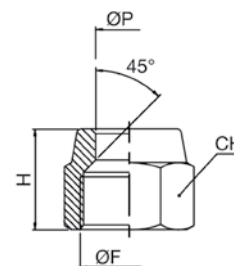


## RG 70



Dado bloccaggio tubo rame  
Nut for fixture coperture  
Mutter

Codice/Code	F"	ØP	CH	H					
RG703810	G3/8	10	19	16					10
RG703812	G3/8	12	19	16					10
RG701212	G1/2	12	24	20					10
RG701214	G1/2	14	24	20					10
RG701216	G1/2	16	24	20					10
RG703416	G3/4	16	30	23					10
RG703418	G3/4	18	30	23					10

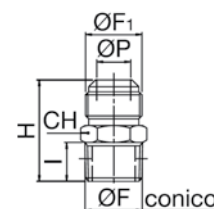


## RG 72K



Nipplo 45° fissaggio tubo rame  
Nipple for fixture coperture  
Nippel

Codice/Code	F"	F1"	ØP	I	H	CH			
RG72K3838	R3/8	G3/8	9	11.5	30	17			10
RG72K1212	R1/2	G1/2	11	14	35.5	22			10
RG72K3434	R1/2	G3/4	16	16	41.5	27			10

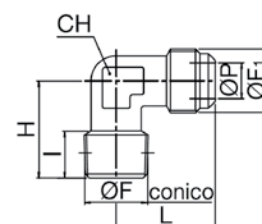


## RG 75K



Gomito 45° fissaggio tubo rame  
Elbow for fixture coperture  
Winkelverschraubung

Codice/Code	F"	F1"	ØP	I	H	L	CH		
RG75K3838	R3/8	G3/8	9	11.5	27	27	14		10
RG75K1212	R1/2	G1/2	11	14	28	28	17		10





# Raccordi a ogiva INOX AISI 316

## INOX AISI 316 compression fittings

## Schneidringverschraubungen Edelstahl AISI 316

### Dati tecnici dei raccordi ad ogiva INOX AISI 316

INOX AISI 316 compression fittings technical data

Technischen Daten der Schneidringverschraubungen Edelstahl AISI 316

#### Applicazioni

Impianti e macchinari per l'industria chimica, petrolchimica, farmaceutica, navale e aeronautica, sistemi ed impianti in ambienti altamente corrosivi.

#### Materiali

Acciaio INOX AISI 316 ti. Su richiesta fornibili in lega anti-corrosione hasteloy, titanio o altre leghe di elevata qualità. Su richiesta sono disponibili le certificazioni DIN, possibilità di eseguire prove e collaudi.

#### Filettature

BSPP cilindrica ISO 228  
BSPT conica ISO 7  
Metrica (su richiesta)  
NPT secondo ANSI B1.20.1-1983 (su richiesta)

#### Temperatura

Fino a 400°C. Se presente guarnizione (FPM) temperatura fino a 200°C. Nei raccordi con filetti conici, la temperatura è legata al tipo di sigillante utilizzato.

#### Pressione

Serie	Ø Tubo (mm) Ø Tube (mm) / Schlauch (mm)	Pressione nominale Nominal pressure / Nenndruck
LL (extra leggero / extra light / extra Licht)	4 - 12	PN 100
L (leggero / light / Licht)	6 - 18	PN 315
S (pesante / heavy / Schwer)	6 - 14	PN 630
	16 - 30	PN 400

I raccordi sono progettati per garantire un fattore di sicurezza 4 sulla pressione nominale indicata. Con carico normale statico e temperature fino a 120°C, la pressione di esercizio può essere considerata uguale alla pressione nominale. In condizioni particolari e altamente dinamiche (vibrazioni, impulsi, ecc.) è raccomandato l'uso dei raccordi serie "S".

#### Riduzione di pressione

Il materiale AISI 316 ti permette una riduzione della pressione in funzione della temperatura (DIN 17440 - DIN 17458).

Temperatura Temperature Temperatur	Riduzione di pressione Reduction in pressure Druckabschläge
-60°C ÷ +20°C	-
+50°C	4,5%
+100°C	11%
+200°C	20%
+300°C	29%
+400°C	33%

#### Normative

I raccordi BX sono prodotti secondo normativa DIN 2353 / EN ISO 8434-1. I raccordi al di fuori delle norme standard vengono prodotti con connessioni di tubo secondo DIN 3861. Tutte le altre dimensioni sono conformi alle rispettive norme. I perni sono prodotti secondo norma DIN 3852 parte 1 e 2. I perni con filetti NPT sono prodotti secondo ANSI B1.20.1-1983.

#### Funzionamento

Durante il serraggio del dado (1) l'ogiva (2) viene pressata seguendo la forma della rastremazione interna (3) del raccordo (4) penetrando nel tubo (5). La forma della zona tagliente (6) dell'ogiva limita la profondità di penetrazione e, allo stesso tempo, essendo bloccata nel tubo dalla parte del dado (7), fornisce un fissaggio stabile e sicuro del tubo anche nel caso di sollecitazioni dinamiche.

#### Applications

Chemical and petrochemical plant and equipment, through pharmaceutical, paper, plastic, shipbuilding and aircraft industries, sluice applications, off-shore, measurement and control, as well as highly corrosive hydraulic systems and installations.

#### Materials

Couplings are manufactured from AISI 316 ti material. Couplings can also be supplied in hasteloy, titanium and other high quality alloys. Material certification to DIN specification is available on request. Material test and control service possible.

#### Threads

Parallel BSPP ISO 228  
Taper BSPT ISO 7  
Metric (on demand)  
NPT as ANSI B1.20.1-1983 (on demand)

#### Temperature

Up to 400 °C If this seal (FPM) temperature up to 200 °C In the fittings with tapered threads, the temperature is related to the type of sealant used.

#### Pressione

Ø Tubo (mm) Ø Tube (mm) / Schlauch (mm)	Pressione nominale Nominal pressure / Nenndruck
4 - 12	PN 100
6 - 18	PN 315
6 - 14	PN 630
16 - 30	PN 400

The couplings are designed to guarantee a safety factor of 4 on the stated nominal pressure. By normal and undynamic loading and temperatures up to +120°C the operating pressure can be regarded as the nominal pressure. By abnormal and highly dynamic conditions (vibration, pulsing, etc.) the use of "S" range couplings is recommended. A strong, solid, stress free, and secure mounting system is pre-requisite.

#### Reduction in pressure

Material AISI 316 ti allows a reduction in pressure as a function of temperature (DIN 17440, DIN 17458).

Temperatura Temperature Temperatur	Riduzione di pressione Reduction in pressure Druckabschläge
-60°C ÷ +20°C	-
+50°C	4,5%
+100°C	11%
+200°C	20%
+300°C	29%
+400°C	33%

#### Norm

Couplings are manufactured to respective DIN standard. Couplings outside standard norms are produced with tube connections according to DIN 3861. All further dimensions conform to the respective standards. Individual coupling studs are produced in accordance with DIN 3852 Part 1 and 2 as standard. Studs with NPT threads deviate from the DIN standard, and are manufactured to ANSI B1.20.1-1983.

#### Functioning

On tightening the nut (1) the cutting ring (2) is pressed into the inner taper (3) of the coupling stud (4) and into the tube (5). The hardened cutting edge (6) cuts into the tube (5) and forms a circumferential bead in front of the cutting edge. The design form of the cutting ring determines the cut-in depth. A tapered nut/cutting ring interface results in the cutting ring being pressed into the tube (7), thereby providing additional support and relief to the cut-in zone under dynamic load conditions.

#### Anwendungen

Chemischen und petrochemischen Apparate- und Anlagenbau, die pharmazeutische Industrie, die Papier- und Kunststoffindustrie, Hafen- und Schleusenanlagen, den Schiffsbau und die Luftfahrt, den Offshore-Anlagenbau, die Mess- und Regeltechnik, sowie hydraulische Anlagen erhöhter korrosiver Beanspruchung.

#### Werkstoffe

Kupplungen sind aus AISI 316 ti gefertigt. Die Verschraubungen können jedoch auch aus Hasteloy, Titan und anderen hochlegierten Werkstoffqualitäten geliefert werden. Werkstoffnachweise nach DIN sind auf Wunsch erhältlich. Prüfungen und Abnahmen können vorgenommen werden.

#### Gewinde

Zylindrisch ISO 228  
konisch UIISO 7  
Metrisch (auf Anfrage)  
NPT als ANSI B1.20.1-1983 (auf Anfrage)

#### Temperatur

Bis 400 °C. Wenn diese Dichtung (FPM) Temperatur bis 200 °C. In den Armaturen mit Kegeltgewinde, die Temperatur wird auf die Art der verwendeten Dichtmassen verwandt.

#### Druck

Ø Tubo (mm) Ø Tube (mm) / Schlauch (mm)	Pressione nominale Nominal pressure / Nenndruck
4 - 12	PN 100
6 - 18	PN 315
6 - 14	PN 630
16 - 30	PN 400

Die Festigkeit der Verschraubungen ist so ausgelegt, dass sie bei den aufgeführten Nenndrücken eine ca. 4-fache Sicherheit gewährt. Bei vorwiegend ruhender Belastung und Temperaturen bis 120°C können die Betriebsdrücke gleich den Nenndrücken gewählt werden. Bei höheren mechanischen Beanspruchungen (Schwingungen, Druckstößen usw.) empfehlen wir die Anwendung der Baureihe "S". Eine spannungsfrei gelagerte, solide Ausführung und entsprechend starke Halterung des Rohrsystems werden vorausgesetzt.

#### Druckabschläge

Der AISI 316 lässt einen Druckabschlag in Abhängigkeit der Temperaturen zu (DIN 17440, DIN 17458).

Temperatura Temperature Temperatur	Riduzione di pressione Reduction in pressure Druckabschläge
-60°C ÷ +20°C	-
+50°C	4,5%
+100°C	11%
+200°C	20%
+300°C	29%
+400°C	33%

#### Normung

Rohrverschraubungen werden nach den entsprechenden DIN-Normen gefertigt. Bauarten, die über die Norm hinausgehen, werden mit Rohrschlusskegel nach DIN 3861 gefertigt. Alle weiteren Maße sind den entsprechenden Normen angeglichen. Einschraubverschraubungen der einzelnen Verschraubungskörper werden standardmäßig mit Einschraubzapfen nach DIN 3852 Teil 1 und Teil 2 gefertigt. Abweichend von den DIN-Normen werden Einschraubzapfen mit NPT-Gewinde nach ANSI B1.20.1-1983 hergestellt.

#### Funktion

Die Überwurfmutter (1) presst den keilförmig vorgeformten Schneidring (2) beim Anziehen in den Innenkegel (3) des Verschraubungsstutzens (4). Der Schneidring wird dadurch ringförmig auf das Rohr (5) gepresst, so dass die gehärtete Schneidkante (6) des Schneidringes gleichförmig in das Rohr einschneidet, wodurch sich ein ringförmiger Wulst des Rohrmaterials vor der Schneidkante aufwirft. Die konstruktive Formgebung des Schneidringes begrenzt die Eindringtiefe. Gleichzeitig verleiht sich der Schneidring mütterntseitig auf dem Rohr (7) und bietet so zusätzlichen Halt und Entlastung der Schneidzone bei dynamischer Beanspruchung.

## Istruzioni di montaggio raccordo ad anello tagliente

Assembly instructions cutting ring fitting

Montageanleitung Schneidringverschraubung

### Montaggio a seconda del senso di rotazione con e senza adattatore di premontaggio

#### 1. Preparazione del tubo

- Il premontaggio dei raccordi in acciaio inossidabile deve avvenire in un adattatore di premontaggio temprato.
- Segare il tubo ad angolo retto, è ammessa una tolleranza dell'angolo di 0,5°.
- Non utilizzare tagliatubi e troncatrici a mola.
- Sbavare leggermente il tubo all'interno e all'esterno.

#### 2. Adattatore di premontaggio

- Serrare nella morsa a vite l'adattatore di premontaggio idoneo al tubo.

#### 3. Lubrificazione

- Lubrificare con grasso specifico:
  - maschio e filettatura del raccordo di premontaggio
  - anello tagliente
  - filettatura del dado per raccordi

#### 4. Premontaggio

- Far scorrere il dado per raccordi e l'anello di taglio con l'angolo di taglio verso l'estremità del tubo. Fare attenzione al posizionamento corretto dell'anello di taglio per evitare errori di montaggio.
- Avvitare a mano per quanto possibile il dado per raccordi sull'adattatore di premontaggio in modo che l'anello di taglio sia ben fissato tra tubo e dado.
- Far scorrere il tubo fino alla battuta dell'adattatore. Se il tubo non arriva in battuta, non si produce l'intaglio.
- Se si utilizza materiale per tubi privo di difetti, il tubo scorre senza sforzi fino a battuta, in caso contrario controllare la presenza sulle estremità del tubo di eventuali deformazioni o altre anomalie della superficie.
- Serrare il dado di circa un giro mediante una chiave per dadi.\*

#### 5. Controllo

- Per eseguire il controllo, allentare il dado e verificare l'intaglio dell'anello tagliente. La nervatura sollevata deve essere chiaramente visibile. In caso contrario occorre un ulteriore serraggio (ri-montaggio).
- In stato allentato, l'anello di taglio può essere ruotato intorno all'estremità del tubo. Il rimontaggio dell'adattatore avviene con ¼ di giro.

#### 6. Montaggio finale

- Estrarre il tubo premontato dall'adattatore di premontaggio e inserire nel raccordo.
- Il montaggio finale avviene serrando il dado di un ulteriore mezzo giro circa.\*

### Direct assembly with and without pre-assembly stud

#### 1. Tube preparation

- Stainless steel couplings should be pre-assembled on a hardened pre-assembly stud.
- Cut tube end square, an angular tolerance of 0,5° is allowed.
- Do not use a tube cutter or a cutting grinder.
- Lightly deburr inner and outer edges.

#### 2. Pre-assembly stud

- Firmly clamp the pre-assembly stud in the corresponding tube diameter in a vice.

#### 3. Greasing

- Coat the following parts with specific grease:
  - taper and thread of the stud
  - cutting ring
  - thread of coupling nut

#### 4. Pre-assembly

- Slide the coupling nut and cutting ring with cutting edge onto the tube end. Make sure the cutting ring is positioned correctly to avoid faulty assembly.
- Screw the coupling nut by hand as far as possible on the pre-assembly stud so that the cutting ring lies firmly between the tube and nut.
- Push the tube up to the stop in the stud. If the tube does not butt against the stop, the tube will not be cut. If the tube materials are in perfect condition, the tube can be pushed to the stop without any force. If this is not the case, check the tube ends for deformation or a defective surface.
- Tighten nut, with the respective spanner, approx. 1 turn.

#### 5. Check

- To check the cut made by the cutting ring, loosen the nut. The raised collar on the tube should be visible. If not, a further tightening is necessary (reassembly).
- The cutting ring can be turned on the tube when the nut is disconnected. The reassembly of the coupling requires ¼ turn.

#### 6. Finished assembly

- Remove the pre-assembled tube from the pre-assembly stud and insert in the coupling.
- Assembly is completed by a final tightening of the nut by approx. ½ turn.

### Assembly with reinforcing rings

In order to keep the costs and weight of a system within limits, it is common to use tubes with thin wall-thickness or tube material with a low density.

- Reinforcing rings are dimensioned relative to the tube dimensions and can be assembled without any need of special tools.
- 1. The outer front end of the ring is knurled, thereby allowing the ring to be easily inserted by hand into the tube up to the knurled section.
- 2. A rubber hammer or soft mallet should be used to lightly drive the reinforcing-ring into the bore; the knurled ring then being secured without splaying the tube.
- 3. Coupling assembly is proceeded as described in a).

#### Note:

Also hardened pre-assembly adapters are subject to wear. Periodically, after every 50th pre-assembly the accuracy and tolerance of the taper has to be inspected. In case of heavy wear and non-conformity the adapter as to be replaced. The pre-assembly adapters are available on demand.

### Leg length of bended tubes

Minimum length for the straight end of a tube bend. When bending tubes, at least twice the depth of the nut should be allowed from the end of the tube to the beginning of the radius.

### Drehwegsbezogene Montage mit und ohne Vormontagesutzen

#### 1. Rohrvorbereitung

- Die Vormontage der EXMAR Edelstahlverschraubungen soll im gehärteten Vormontagesutzen erfolgen.
- Rohr rechtwinklig absägen, eine Winkeltoleranz von 0,5° ist zulässig.
- Keine Rohrschneider und Trennschleifer verwenden.
- Rohr innen und außen leicht entgraten.

#### 2. Vormontagesutzen

- Zum Rohr passenden Vormontagesutzen in den Schraubstock spannen.

#### 3. Einfetten

- Mit korrekter Fettpaste einfetten:
  - Kegell und Gewinde des Vormontagesutzen
  - Schneidring
  - Gewinde der Überwurfmutter

#### 4. Vormontage

- Überwurfmutter und Schneidring mit der Schneidkante zum Rohrrende aufschieben. Auf die richtige Lage des Schneidrings achten – sonst Fehlmontage.
- Überwurfmutter von Hand so weit wie möglich auf den Vormontagesutzen schrauben, so dass der Schneidring fest zwischen Rohr und Überwurfmutter anliegt.
- Das Rohr bis zum Rohranschlag des Stutzens schieben. Liegt das Rohr am Anschlag nicht an, erfolgt kein Rohreinschnitt. Bei Verwendung von einwandfreiem Rohrmaterial lässt sich das Rohr ohne Kraftaufwand bis zum Rohranschlag schieben, anderenfalls die Rohrrenden auf Verformung oder Oberflächenfehler überprüfen.
- Überwurfmutter mit einem Schraubenschlüssel ca. 1 Umdrehung anziehen.

#### 5. Kontrolle

- Zur Kontrolle die Überwurfmutter lösen und den Schneidringeinschnitt prüfen. Der aufgeworfene Bund muss deutlich sichtbar sein. Falls nicht, ist ein nochmaliges Anziehen erforderlich (Wiedermontage).
- Im gelösten Zustand kann sich der Schneidring auf dem Rohrrende drehen lassen. Die Wiedermontage der Verschraubung erfolgt mit ¼ Umdrehung.

#### 6. Fertigmontage

- Vormontiertes Rohr aus dem Vormontagesutzen nehmen und in die Verschraubung einsetzen.
- Die Fertigmontage erfolgt durch ein Nachziehen der Überwurfmutter mit ca. ½ Umdrehung.

### Montage mit Verstärkungshülsen

Um Kosten und Gewicht in einer Anlage einzusparen, werden häufig dünnwandige oder weiche, minderwertige Rohre eingesetzt.

- Die Verstärkungshülsen sind den Rohrabmessungen angepasst und lassen sich leicht ohne Sonderwerkzeug montieren.
- 1. Das vordere Ende der Verstärkungshülse ist mit einer Rändelung am Außendurchmesser versehen. Die Verstärkungshülse lässt sich leicht von Hand bis zur Rändelung in das Rohr einstecken.
- 2. Nun mit einem weichen Hammer (Gummihammer o. ä.) die Verstärkungshülse leicht in das Rohr eintreiben. Die Verzahnung der Rändelung drückt sich nun in das Rohr, ohne dieses aufzuweiten und fixiert die Verstärkungshülse.
- 3. Danach die Rohrmontage durchführen, wie unter a) beschrieben.

#### Hinweis:

Auch gehärtete Vormontagesutzen unterliegen einem Verschleiß. Nach jeder 50. Vormontage ist die Toleranzhaltigkeit mit einer Konuslehre zu überprüfen und bei Überschreiten der zugelassenen Toleranzen ist der Vormontagesutzen zu ersetzen. Gehärtete Vormontagesutzen zur Verfügung auf Anfrage.

### c) Schenkellänge bei gebogenen Rohren

Mindestschenkellänge für gerades Rohrrende bei einem Rohrbogen. Das gerade Ende bei Rohrbögen soll bis zu Beginn des Biegeradius mindestens 2x die Höhe der Überwurfmutter betragen.

### Montaggio con manicotti di rinforzo

Per ridurre i costi e il peso di un impianto, spesso vengono utilizzati tubi con pareti sottili o morbide, di qualità inferiore.

- I manicotti di rinforzo sono adattati alle dimensioni del tubo e si montano facilmente senza attrezzi speciali.

1. **L'estremità anteriore del manicotto di rinforzo è dotata di zigrinatura sul diametro esterno.** Il manicotto di rinforzo si inserisce facilmente a mano nel tubo fino alla zigrinatura.
2. **Spingere leggermente il manicotto di rinforzo sul tubo con un martello morbido (di gomma o analogo).** Ora la dentatura della zigrinatura si inserisce nel tubo senza allargarlo e fissa il manicotto di fissaggio.
3. **Quindi montare il tubo come descritto al punto a).**

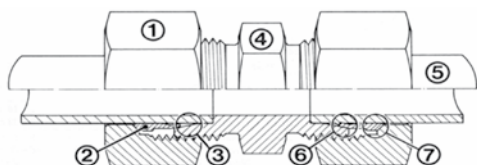
#### Avvertenza:

Anche gli adattatori di premontaggio temprati sono soggetti a usura. Dopo 50 premontaggi, sarà necessario verificare la tolleranza con un calibro conico e, in caso di superamento delle tolleranze ammesse, l'adattatore di premontaggio dovrà essere sostituito. Gli adattatori di premontaggio sono disponibili a richiesta.\*

### Lunghezza del lato con tubi curvi

Lunghezza minima del lato per estremità diritte del tubo in caso di curva del tubo.

L'estremità diritta in corrispondenza di una curva del tubo deve essere, all'inizio del raggio di curvatura, almeno due volte l'altezza del dado.



Vor der Fertigmontage  
Before assembly  
Antes del montaje final

Nach der Fertigmontage  
After assembly  
Después del montaje final



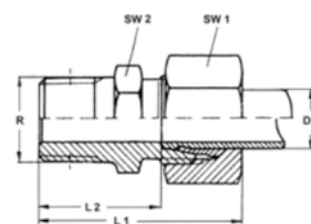
BX **51K**



#### Diritto maschio conico BSPT

Male straight taper BSPT

Gerade Einschraubverschraubung konisches Gewinde



Codice/Code	PN (Bar)	D1	R	L1	L2	SW1	SW2	Peso/Weight	
• BX51K1804LL	100	4	R1/8	25	16	11	10	11	1
• BX51K1806L	500	6	R1/8	31	16	12	14	28	1
BX51K1406L	500	6	R1/4	35	20	14	14	27	1
BX51K3806L	500	6	R3/8	34	19	19	14	34	1
BX51K1206L	500	6	R1/2	36	21	22	14	60	1
BX51K1808L	500	8	R1/8	31	16	14	17	32	1
• BX51K1408L	500	8	R1/4	35	20	17	17	40	1
BX51K3808L	500	8	R3/8	35	20	19	17	46	1
BX51K1208L	500	8	R1/2	37	22	22	17	60	1
• BX51K1410L	500	10	R1/4	36.5	21	17	19	44	1
BX51K3810L	500	10	R3/8	36.5	21	17	19	57	1
BX51K1210L	500	10	R1/2	38.5	23	22	19	70	1
BX51K1412L	400	12	R1/4	37	22	19	27	58	1
• BX51K3812L	400	12	R3/8	37	22	19	22	62	1
BX51K1212L	400	12	R1/2	39.5	24.5	22	22	80	1
BX51K3815L	400	15	R3/8	38.5	23	24	27	94	1
• BX51K1215L	400	15	R1/2	40.5	25	24	27	105	1
• BX51K1218L	400	18	R1/2	42	25.5	27	32	145	1
BX51K3418L	400	18	R3/4	44	27.5	27	32	162	1
BX51K1222L	250	22	R1/2	44.5	27.5	32	36	188	1
BX51K3422L	250	22	R3/4	46.5	29.5	32	36	192	1
BX51K0128L	250	28	R1"	50	32.5	41	41	272	1
BX51K0135L	250	35	R1"	55	32.5	41	50	420	1
BX51K2142L	250	42	R1"	61.5	38	55	60	594	1

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• = Secondo norma DIN 2353  
DIN EN ISO 8434-1-SDSC

• = According to series DIN 2353  
DIN EN ISO 8434-1-SDSC

• = entspricht Reihe nach DIN 2353  
DIN EN ISO 8434-1-SDSC

## Raccordi a ogiva INOX AISI 316

INOX AISI 316 compression fittings

Schneidringverschraubungen Edelstahl AISI 316

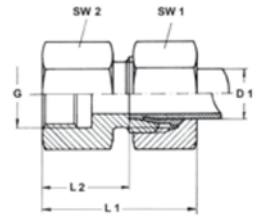
**BX 52**



### Diritto femmina cilindrico BSPP

Female straight parallel BSPP

Gerade Aufschraubverschraubung zylindrisches Gewinde



Codice/Code	PN (Bar)	D1	G	L1	L2	SW1	SW2	Peso/Weight	
<b>BX521806L</b>	500	6	G1/8	34	19	14	14	27	1
<b>BX521406L</b>	500	6	G1/4	39	24	19	14	48	1
<b>BX521408L</b>	500	8	G1/4	39	24	19	17	50	1
<b>BX523808L</b>	500	8	G3/8	40	25	22	17	78	1
<b>BX521410L</b>	500	10	G1/4	40.5	25	19	19	60	1
<b>BX523810L</b>	500	10	G3/8	41.5	26	22	19	68	1
<b>BX521210L</b>	500	10	G1/2	44.5	29	27	19	102	1
<b>BX523812L</b>	400	12	G3/8	41	26	22	22	88	1
<b>BX521212L</b>	400	12	G1/2	44	29	27	22	106	1
<b>BX523815L</b>	400	15	G3/8	42.5	27	24	27	114	1
<b>BX521215L</b>	400	15	G1/2	46.5	31	27	27	113	1
<b>BX521216S</b>	400	16	G1/2	50	31.5	27	30	175	1
<b>BX521218L</b>	400	18	G1/2	47	30.5	27	32	151	1
<b>BX523422L</b>	250	22	G3/4	52.5	35.5	36	36	270	1
<b>BX520128L</b>	250	28	G1"	55.5	38	41	41	311	1
<b>BX524135L</b>	250	35	G1"1/4	63.5	41	55	50	588	1
<b>BX522142L</b>	250	42	G1"1/2	66	42.5	60	60	760	1

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Secondo norma DIN EN ISO 8434-1-SDSC

According to series DIN EN ISO 8434-1-SDSC

Entspricht Reihe nach DIN EN ISO 8434-1-SDSC

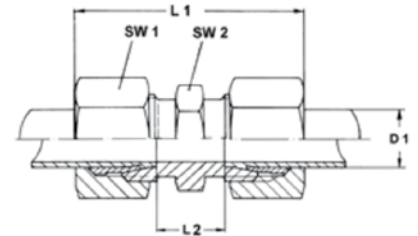
**BX 53**



### Diritto intermedio

Straight intermediate

Gerader Verbinder



Codice/Code	PN (Bar)	D1G	L1	L2	SW1	SW2	Peso/Weight	
<b>BX530004LL</b>	100	4	29.5	12	10	9	16	1
<b>BX530006L</b>	500	6	40	10	14	12	41	1
<b>BX530008L</b>	500	8	41	11	17	14	56	1
<b>BX530010L</b>	500	10	44	13	19	17	74	1
<b>BX530012L</b>	400	12	44	14	22	19	95	1
<b>BX530015L</b>	400	15	47	16	27	24	154	1
<b>BX530016S</b>	400	16	58.5	21	30	27	250	1
<b>BX530018L</b>	630	18	49	16	32	27	223	1
<b>BX530022L</b>	250	22	54	20	36	32	293	1
<b>BX530028L</b>	250	28	56.5	21	41	41	380	1
<b>BX530035L</b>	250	35	65.5	20	50	46	578	1
<b>BX530042L</b>	250	42	68	21	60	55	853	1

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Secondo norma DIN EN ISO 8434-1-SC

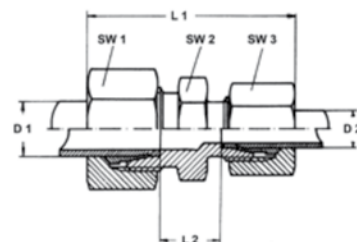
According to series DIN EN ISO 8434-1-SC

Entspricht Reihe nach DIN EN ISO 8434-1-SC

## BX 53



**Diritto intermedio ridotto**  
Straight reducer  
Reduzierung Gerader Verbinder

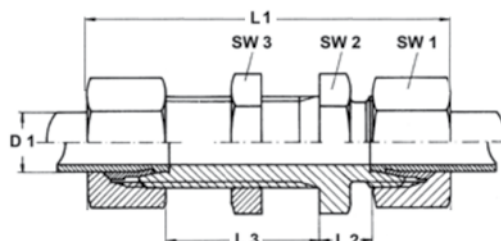


Codice/Code	PN (Bar)	D1	D2	L1	L2	SW1	SW2	SW3	Peso/Weight	
BX530806L	500	8	6	41	11	17	14	14	51	1
BX531006L	500	10	6	42,5	12	19	17	14	58	1
BX531008L	500	10	8	42,5	12	19	17	17	58	1
BX531206L	400	12	6	43	13	22	19	14	63	1
BX531208L	400	12	8	43	13	22	19	17	70	1
BX531210L	400	12	10	44,5	14	22	19	19	80	1
BX531506L	400	15	6	44,5	14	27	24	14	100	1
BX531508L	400	15	8	44,5	14	27	24	17	105	1
BX531510L	400	15	10	46	15	27	24	19	110	1
BX531512L	400	15	12	45,5	15	27	24	22	132	1
BX531610S	630	16	10	56	20	30	27	22	185	1
BX531612S	630	16	12	55	20	30	27	24	190	1
BX531614S	630	16	14	59	21,5	30	27	27	215	1
BX531808L	400	18	8	46	14,5	32	27	17	115	1
BX531810L	400	18	10	47,5	15,5	32	27	19	145	1
BX531812L	400	18	12	47	15,5	32	27	22	175	1
BX531815L	400	18	15	48,5	16,5	32	27	27	175	1

## BX 54



**Passalamiera**  
Union bulkhead  
Schottverschraubung



Codice/Code	PN (Bar)	D1	M	L1	L2	L3	SW1	SW2	SW3	Peso/Weight	
BX540006L	500	6	12x1.5	64	7	27	17	17	14	72	1
BX540008L	500	8	14x1.5	65	8	27	19	19	17	83	1
BX540010L	500	10	16x1.5	68	10	28	22	22	19	125	1
BX540012L	400	12	18x1.5	69	10	29	24	24	22	135	1
BX540015L	400	15	22x1.5	73	12	31	30	27	27	230	1
BX540016S	630	16	24x1.5	85	16,5	31,5	32	32	30	345	1
BX540018L	400	18	26x1.5	79	13,5	32,5	36	32	32	345	1

Secondo norma DIN EN ISO 8434-1-BHC

According to series DIN EN ISO 8434-1-BHC

Entspricht Reihe nach DIN EN ISO 8434-1-BHC

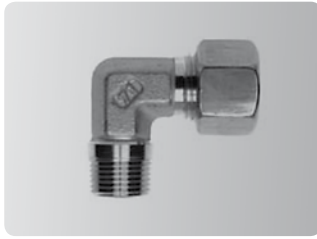


**BX**

# Raccordi a ogiva INOX AISI 316

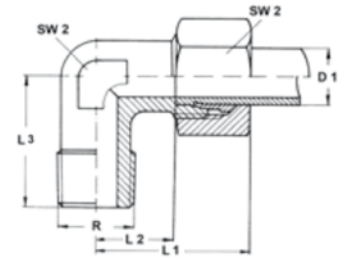
INOX AISI 316 compression fittings

Schneidringverschraubungen Edelstahl AISI 316

**BX 55K****Gomito maschio conico BSPT**

Elbow male taper BSPT

Winkelverschraubung konisches Gewinde



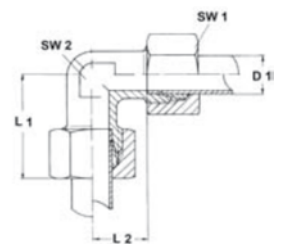
Codice/Code	PN (Bar)	D1	R	L1	L2	L3	SW1	SW2	Peso/Weight	📦
• BX55K1804LL	100	4	R1/8	20	11	15	9	10	21	1
• BX55K1806L	500	6	R1/8	27	12	20	12	14	34	1
• BX55K1406L	500	6	R1/4	27	12	26	12	14	57	1
• BX55K1808L	500	8	R1/8	29	14	26	12	17	53	1
• BX55K1408L	500	8	R1/4	29	14	26	12	17	60	1
• BX55K3808L	500	8	R3/8	30	15	27	14	17	82	1
• BX55K1208L	500	8	R1/2	34	19	30	17	17	95	1
• BX55K1410L	500	10	R1/4	30.5	15	27	14	19	66	1
• BX55K3810L	500	10	R3/8	30.5	15	27	14	19	70	1
• BX55K1210L	500	10	R1/2	36.5	21	32	19	19	90	1
• BX55K1412L	400	12	R1/4	32	17	28	17	22	74	1
• BX55K3812L	400	12	R3/8	32	17	28	17	22	75	1
• BX55K1212L	400	12	R1/2	36	21	32	19	22	110	1
• BX55K3815L	400	15	R3/8	36.5	21	28	19	27	134	1
• BX55K1215L	400	15	R1/2	36.5	21	34	19	27	216	1
• BX55K1216S	630	16	R1/2	43	24.5	32	24	30	200	1
• BX55K1218L	400	18	R1/2	40	23.5	36	24	32	273	1
• BX55K3418L	400	18	R3/4	40	23.5	34	24	32	233	1
• BX55K3422L	250	22	R3/4	44.5	27.5	42	27	36	295	1

new

• = Secondo norma DIN 2353  
DIN EN ISO 8434-1-SDEC• = According to series DIN 2353  
DIN EN ISO 8434-1-SDEC• = entspricht Reihe nach DIN 2353  
DIN EN ISO 8434-1-SDEC**BX 56****L intermedio**

L intermediale

Winkelverbinder



Codice/Code	PN (Bar)	D1	L1	L2	SW1	SW2	Peso/Weight	📦
• BX560006L	500	6	27	12	14	12	48	1
• BX560008L	500	8	29	14	17	12	67	1
• BX560010L	500	10	30.5	15	19	14	85	1
• BX560012L	400	12	32	17	22	17	113	1
• BX560015L	400	15	36.5	21	27	19	189	1
• BX560016S	630	16	43	24.5	30	24	319	1
• BX560018L	400	18	40	23.5	32	24	289	1
new BX560022L	250	22	44.5	27.5	36	27	367	1
new BX560028L	250	28	48	30.5	41	36	507	1
new BX560035L	250	35	57	34.5	50	41	815	1
new BX560042L	250	42	63.5	40	60	50	1268	1

new

new

new

new

Secondo norma DIN EN ISO 8434-1-EC

According to series DIN EN ISO 8434-1-EC

Entspricht Reihe nach DIN EN ISO 8434-1-EC

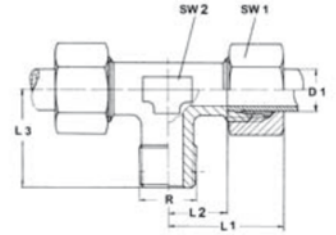
BX **57K**



### T centrale conico BSPT

Central "T" male taper BSPT

T-Schottverschraubung konisches Gewinde



Codice/Code	PN (Bar)	D1	R	L1	L2	L3	SW1	SW2	Peso/Weight	
• BX57K1806L	500	6	R1/8	27	12	20	14	12	52	1
• BX57K1406S	800	6	R1/4	31	16	26	17	12	100	1
• BX57K1408L	500	8	R1/4	29	14	26	17	12	72	1
• BX57K1410L	500	10	R1/4	30.5	15	27	19	14	76	1
• BX57K3810L	500	10	R3/8	30.5	15	27	19	17	82	1
• BX57K3812L	400	12	R3/8	32	17	28	22	17	102	1
• BX57K1215L	400	15	R1/2	36.5	21	34	27	19	201	1
• BX57K1216S	630	16	R1/2	43	24.5	32	30	24	339	1
• BX57K1218L	400	18	R1/2	40	23.5	36	32	24	296	1

• = Secondo norma DIN 2353

• = According to series DIN 2353

• = entspricht Reihe nach DIN 2353

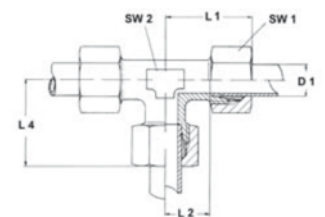
BX **59**



### T intermedio

T intermediale

T Verbinder



Codice/Code	PN (Bar)	D1	L1	L2	SW1	SW2	Peso/Weight	
• BX590006L	500	6	27	12	14	12	71	1
• BX590008L	500	8	29	14	17	12	85	1
• BX590010L	500	10	30.5	15	19	14	118	1
• BX590012L	400	12	32	17	22	17	157	1
• BX590015L	400	15	36.5	21	27	19	240	1
• BX590016S	630	16	43	24.5	30	24	426	1
• BX590018L	400	18	40	23.5	32	24	381	1
<b>new</b> BX590022L	250	22	44.5	27.5	36	27	468	1
<b>new</b> BX590028L	250	28	48	30.5	41	36	665	1
<b>new</b> BX590035L	250	35	57	34.5	50	41	1025	1
<b>new</b> BX590042L	250	42	63.5	40	60	50	1614	1

Secondo norma DIN EN ISO 8434-1-TC

According to series DIN EN ISO 8434-1-TC

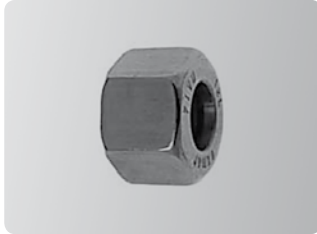
Entspricht Reihe nach DIN EN ISO 8434-1-TC

**BX**

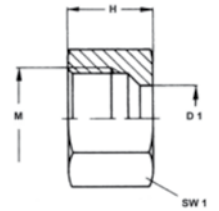
# Raccordi a ogiva INOX AISI 316

INOX AISI 316 compression fittings

Schneidringverschraubungen Edelstahl AISI 316

**BX 60**

**Dado**  
Nut  
Überwurfmutter



new  
new  
new  
new

Codice/Code	PN (Bar)	D1	M	H	SW1	Peso/Weight					
<b>BX600004LL</b>	100	4	08x1.0	11	10	4					1
<b>BX600006L</b>	500	6	12x1.5	14,5	14	10					1
<b>BX600008L</b>	500	8	14x1.5	14,5	17	15					1
<b>BX600010L</b>	500	10	16x1.5	15,5	19	19					1
<b>BX600012L</b>	500	12	18x1.5	15,5	22	24					1
<b>BX600015L</b>	500	15	22x1.5	17	27	41					1
<b>BX600016S</b>	630	16	24x1.5	20,5	30	64					1
<b>BX600018L</b>	500	18	26x1.5	18	32	62					1
<b>BX600022L</b>	250	22	30x2.0	20	36	81					1
<b>BX600028L</b>	250	28	36x2.0	21	41	91					1
<b>BX600035L</b>	250	35	45x2.0	24	50	142					1
<b>BX600042L</b>	250	42	52x2.0	24	60	220					1

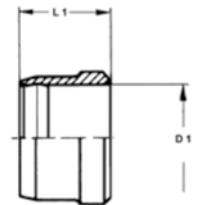
Secondo norma DIN EN ISO 8434-1

According to series DIN EN ISO 8434-1

Entspricht Reihe nach DIN EN ISO 8434-1

**BX 61**

**Ogiva**  
Ogive  
Klemmring



new  
new  
new  
new

Codice/Code	PN (Bar)	D1	L1	Peso/Weight							
<b>BX610004LL</b>	100	4	4,5	1							1
<b>BX610006L</b>	800	6	9	2							1
<b>BX610008L</b>	800	8	9	2							1
<b>BX610010L</b>	800	10	10	3							1
<b>BX610012L</b>	630	12	9,5	3							1
<b>BX610015L</b>	400	15	9,5	4							1
<b>BX610016S</b>	630	16	9,5	4							1
<b>BX610018L</b>	400	18	9,5	5							1
<b>BX610022L</b>	250	22	10,5	6							1
<b>BX610028L</b>	250	28	11	8							1
<b>BX610035L</b>	250	35	13	17							1
<b>BX610042L</b>	250	42	13,5	21							1

Secondo norma DIN EN ISO 8434-1

According to series DIN EN ISO 8434-1

Entspricht Reihe nach DIN EN ISO 8434-1



# Accessori

Accessories  
Verschraubungen

<b>SZ</b>	<b>Silenziatori e ugelli silenziati</b> Silencers and nozzles Schalldämpfer	229
<b>RL</b>	<b>Ripartitori in alluminio</b> Aluminum manifolds Verteilerblöcke	233
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<b>AI</b>	<b>Adesivi industriali</b> Industrial adhesives Dichtungsflüssigkeiten/Klebstoffe	239
<b>FA</b>	<b>Fascette</b> Clamps Schlauchschellen	242
<b>MP</b>	<b>Manometri e vuotometri a polmone bassa pressione</b> Gauges and vacuum gauges Manometer und Vakuummeter	246
<b>MN</b>	<b>Manometri e vuotometri cassa metallica</b> Gauges and vacuum gauges steel case Manometer und Vakuummeter Stahl Gehäuse	248
<b>MX</b>	<b>Manometri e vuotometri cassa INOX</b> Gauges and vacuum gauges INOX case Manometer und Vakuummeter Edelstahl Gehäuse	256
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<b>FM</b>	<b>Regolatori filtri-lubrificatori-gruppi FRL (corpo e tazza in metallo)</b> Regulators filters-lubricators-FRL groups (housing and bowl in metal) Wartungseinheiten Serie Metall	275
	<b>Ricambi per regolatori-filtri-lubrificatori-gruppi FRL (corpo e tazza in metallo)</b> Regulators-filters-lubricators-FRL units (housing and bowl in metal) Wartungseinheiten Serie Metall	282
<b>FR</b>	<b>Gruppi professionali filtro riduttore lubrificatore</b> Professional FRL units filter regulator lubricator Wartungseinheiten Serie Professional	284
	<b>Ricambi per gruppi filtro riduttore lubrificatore</b> Spare parts for filter regulator lubricator Ersatzteilen für Wartungseinheiten	287
	<b>Riduttori di pressione</b> Pressure reducers Druckregler	289
<b>PT</b>	<b>Pressostati e telepressostati con pulsante 1-4 vie</b> Pressure switch and tele-pressure switch 1-4 ways Druckschalter 1-4-Wege	291

### SZ 60



#### Silenziatore cilindrico BSPP

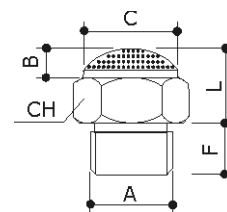
Silencer parallel BSPP

Schalldämpfer zylindrisches Gewinde

Codice/Code	A	CH	B	C	F	L		
<b>SZ6000M5</b>	M5	8	1	13	3,5	4,5		10
<b>SZ600018</b>	G1/8	13	1,5	22	6	10		10
<b>SZ600014</b>	G1/4	16	1,5	28	8	11		10
<b>SZ600038</b>	G3/8	19	1,5	34	9	12		10
<b>SZ600012</b>	G1/2	24	3,5	44	10	13		10
<b>SZ600034</b>	G3/4	30	5	56	10	17		10
<b>SZ600001</b>	G1	36	7	68	15	14		10

Corpo: ottone  
 Temperatura di esercizio: -10°C ÷ +80°C  
 Body: brass  
 Working temperature: -10°C ÷ +80°C  
 Körper: Messing  
 Betriebstemperatur: -10°C ÷ +80°C

Silenziatore: filo AISI 316L  
 Pressione di esercizio: 12 bar  
 Silencer: wire AISI 316L  
 Working pressure: 12 bar  
 Dämpfer: Draht AISI 316L  
 Betriebsdruck: 12 bar



### SZ 61



#### Silenziatore cilindrico BSPP

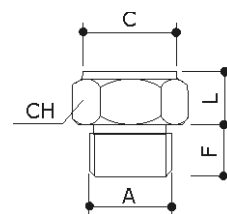
Silencer parallel BSPP

Schalldämpfer zylindrisches Gewinde

Codice/Code	A"	CH	C	F	L			
<b>SZ6100M5</b>	M5	8	5	4	5			10
<b>SZ610018</b>	G1/8	13	9	6	6,5			10
<b>SZ610014</b>	G1/4	16	11	8	8			10
<b>SZ610038</b>	G3/8	19	14	8	9			10
<b>SZ610012</b>	G1/2	24	19	10	8			10
<b>SZ610034</b>	G3/4	30	25	10	9			10
<b>SZ610001</b>	G1	36	30	11	9			10

Corpo: ottone  
 Temperatura di esercizio: -10°C ÷ +80°C  
 Body: brass  
 Working temperature: -10°C ÷ +80°C  
 Körper: Messing  
 Betriebstemperatur: -10°C ÷ +80°C

Silenziatore: bronzo sinterizzato  
 Pressione di esercizio: 12 bar  
 Silencer: sintered bronze  
 Working pressure: 12 bar  
 Dämpfer: Sinterbronze  
 Betriebsdruck: 12 bar



### SZ 62



#### Silenziatore cilindrico BSPP

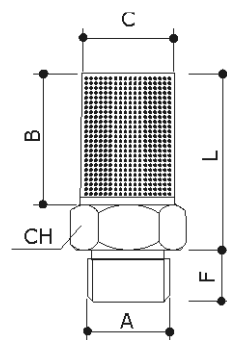
Silencer parallel BSPP

Schalldämpfer zylindrisches Gewinde

Codice/Code	A"	CH	B	C	F	L		
<b>SZ6200M5</b>	M5	8	14	5	4	18		10
<b>SZ620018</b>	G1/8	13	14	7	6	21		10
<b>SZ620014</b>	G1/4	16	18	9	8	26		10
<b>SZ620038</b>	G3/8	19	26,5	12	8	34		10
<b>SZ620012</b>	G1/2	24	35	15	10	43		10
<b>SZ620034</b>	G3/4	30	31	20	10	43		10
<b>SZ620001</b>	G1	36	39	25	12	50		10

Corpo: ottone  
 Temperatura di esercizio: -10°C ÷ +80°C  
 Body: brass  
 Working temperature: -10°C ÷ +80°C  
 Körper: Messing  
 Betriebstemperatur: -10°C ÷ +80°C

Silenziatore: bronzo sinterizzato  
 Pressione di esercizio: 12 bar  
 Silencer: sintered bronze  
 Working pressure: 12 bar  
 Dämpfer: Sinterbronze  
 Betriebsdruck: 12 bar



### SZ 63



#### Silenziatore cilindrico BSPP

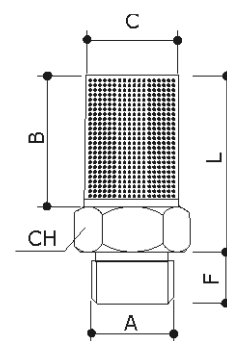
Silencer parallel BSPP

Schalldämpfer zylindrisches Gewinde

Codice/Code	A	CH	B	C	F	L		
<b>SZ630018</b>	G1/8	10	15	7,5	5	18		10
<b>SZ630014</b>	G1/4	14	23	11,5	6	26		10
<b>SZ630038</b>	G3/8	17	25	14,5	6,5	29,5		10
<b>SZ630012</b>	G1/2	22	36,5	17	8	40		10
<b>SZ630034</b>	G3/4	27	34,5	22,3	8	39		10
<b>SZ630001</b>	G1	34	44	27,5	9	49		10

Corpo: ottone  
 Temperatura di esercizio: -10°C ÷ +80°C  
 Body: brass  
 Working temperature: -10°C ÷ +80°C  
 Körper: Messing  
 Betriebstemperatur: -10°C ÷ +80°C

Silenziatore: bronzo sinterizzato  
 Pressione di esercizio: 12 bar  
 Silencer: sintered bronze  
 Working pressure: 12 bar  
 Dämpfer: Sinterbronze  
 Betriebsdruck: 12 bar





## Silenziatori e ugelli silenziati

Silencers and nozzles  
Schalldämpfer

### SZ 64



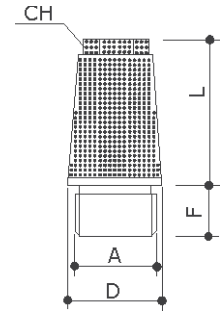
#### Silenziatore cilindrico BSPP

Silencer parallel BSPP  
Schalldämpfer zylindrisches Gewinde

Codice/Code	A	CH	D	F	L		
<b>SZ640018</b>	G1/8	7	12	6	15		10
<b>SZ640014</b>	G1/4	9	14	6	19		10
<b>SZ640038</b>	G3/8	14	19	8	28		10
<b>SZ640012</b>	G1/2	17	23	10	33		10
<b>SZ640034</b>	G3/4	20	29	13	41.5		10
<b>SZ640001</b>	G1	25	36	15	50		10

Corpo: ottone  
Temperatura di esercizio: -10°C ÷ +80°C  
Body: brass  
Working temperature: -10°C ÷ +80°C  
Körper: Messing  
Betriebstemperatur: -10°C ÷ +80°C

Silenziatore: bronzo sinterizzato  
Pressione di esercizio: 12 bar  
Silencer: sintered bronze  
Working pressure: 12 bar  
Dämpfer: Sinterbronze  
Betriebsdruck: 12 bar



### SZ 65



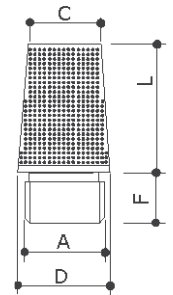
#### Silenziatore cilindrico BSPP

Silencer parallel BSPP  
Schalldämpfer zylindrisches Gewinde

Codice/Code	A	C	D	F	L		
<b>SZ6500M5</b>	M5	5	6	4.5	8.5		10
<b>SZ650018</b>	G1/8	8	12	6	15		10
<b>SZ650014</b>	G1/4	11	15	6	19		10
<b>SZ650038</b>	G3/8	15	19	8	28		10
<b>SZ650012</b>	G1/2	18	23	10	33		10
<b>SZ650034</b>	G3/4	23	29	10.5	40		10
<b>SZ650001</b>	G1	28	36	13	48		10

Corpo: ottone  
Temperatura di esercizio: -10°C ÷ +80°C  
Body: brass  
Working temperature: -10°C ÷ +80°C  
Körper: Messing  
Betriebstemperatur: -10°C ÷ +80°C

Silenziatore: bronzo sinterizzato  
Pressione di esercizio: 12 bar  
Silencer: sintered bronze  
Working pressure: 12 bar  
Dämpfer: Sinterbronze  
Betriebsdruck: 12 bar



### SZ 66



#### Silenziatore cilindrico BSPP

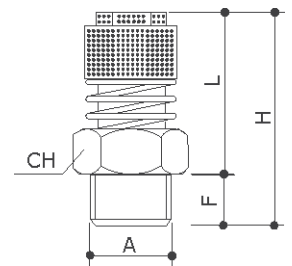
Silencer parallel BSPP  
Schalldämpfer zylindrisches Gewinde

Codice/Code	F"	CH	F	min L max	min H max		
<b>SZ660018</b>	G1/8	13	6	20	22	26	28
<b>SZ660014</b>	G1/4	15	8	22	24	30	32
<b>SZ660038</b>	G3/8	18	10	25	28	35	38
<b>SZ660012</b>	G1/2	22	11	26	29	36	39
<b>SZ660034</b>	G3/4	30	12	32	37	45	50
<b>SZ660001</b>	G1	36	12	32	37	45	50

Corpo: ottone  
Temperatura di esercizio: -10°C ÷ +80°C  
Body: brass  
Working temperature: -10°C ÷ +80°C  
Körper: Messing  
Betriebstemperatur: -10°C ÷ +80°C

Silenziatore: bronzo sinterizzato  
Pressione di esercizio: 12 bar  
Silencer: sintered bronze  
Working pressure: 12 bar  
Dämpfer: Sinterbronze  
Betriebsdruck: 12 bar

Molla: Acciaio  
Spring: steel  
Feder: Stahl



### SZ 67



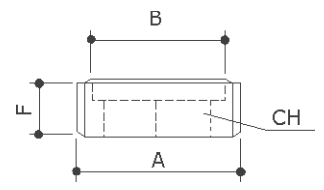
#### Silenziatore cilindrico BSPP

Silencer parallel BSPP  
Schalldämpfer zylindrisches Gewinde

Codice/Code	A	B	CH	F			
<b>SZ670018</b>	G1/8	7	5	4			10
<b>SZ670014</b>	G1/4	9	6	4			10
<b>SZ670038</b>	G3/8	11	9	5			10
<b>SZ670012</b>	G1/2	16	12	8			10
<b>SZ670034</b>	G3/4	22	18	10			10
<b>SZ670001</b>	G1	28	24	10			10

Corpo: ottone  
Temperatura di esercizio: -10°C ÷ +80°C  
Body: brass  
Working temperature: -10°C ÷ +80°C  
Körper: Messing  
Betriebstemperatur: -10°C ÷ +80°C

Silenziatore: bronzo sinterizzato  
Pressione di esercizio: 12 bar  
Silencer: sintered bronze  
Working pressure: 12 bar  
Dämpfer: Sinterbronze  
Betriebsdruck: 12 bar



### SZ 68



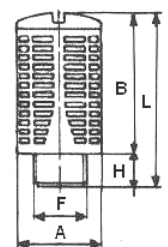
#### Silenziatore dinamico cilindrico BSPP

Silencer dynamic parallel BSPP  
Dynamischer Schalldämpfer zylindrisches Gewinde

Codice/Code	F	A	H	B			
<b>SZ680018</b>	G1/8	15	6	26.5			10
<b>SZ680014</b>	G1/4	19.5	8	35			10
<b>SZ680038</b>	G3/8	24.5	11	47			10
<b>SZ680012</b>	G1/2	24.5	11	47			10
<b>SZ680034</b>	G3/4	47	18	97			10
<b>SZ680001</b>	G1	47	18	97			10

Corpo: nylon  
Temperatura di esercizio: -10°C ÷ +80°C  
Body: nylon  
Working temperature: -10°C ÷ +80°C  
Körper: Nylon  
Betriebstemperatur: -10°C ÷ +80°C

Silenziatore: nylon (palline)  
Pressione di esercizio: 6 bar  
Silencer: nylon (balls)  
Working pressure: 6 bar  
Dämpfer: Nylon (Kugel)  
Betriebsdruck: 6 bar



## SZ 69



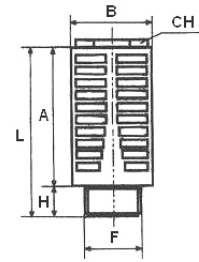
### Silenziatore statico cilindrico BSPP

Static silencer parallel BSPP  
Statischer Schalldämpfer zylindrisches Gewinde

Codice/Code	F	CH	B	H	A		
<b>SZ690018</b>	G1/8	10	15.5	6	27		10
<b>SZ690014</b>	G1/4	12	19.5	8	35		10
<b>SZ690038</b>	G3/8	16	24.5	11	47		10
<b>SZ690012</b>	G1/2	16	24.5	11	47		10

Corpo: nylon  
Temperatura di esercizio: -10°C ÷ +80°C  
Body: nylon  
Working temperature: -10°C ÷ +80°C  
Körper: Nylon  
Betriebstemperatur: -10°C ÷ +80°C

Silenziatore: nylon (feltrino)  
Pressione di esercizio: 6 bar  
Silencer: nylon (felt)  
Working pressure: 6 bar  
Dämpfer: Nylon (Filz)  
Betriebsdruck: 6 bar



## SZ 73



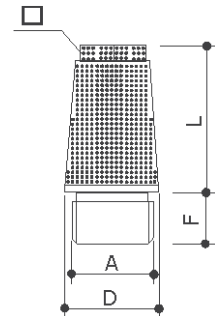
### Silenziatore cilindrico BSPP

Silencer parallel BSPP  
Schalldämpfer zylindrisches Gewinde

Codice/Code	A	□	D	F	L		
<b>SZ7300M5</b>	M5	7	12	6	15		10
<b>SZ730018</b>	G1/8	7	12	6	15		10
<b>SZ730014</b>	G1/4	8	15	6	19		10
<b>SZ730038</b>	G3/8	10	19	8	28		10
<b>SZ730012</b>	G1/2	14	23	10	33		10
<b>SZ730034</b>	G3/4	16	39	10.5	40		10
<b>SZ730001</b>	G1	20	36	13	48		10

Corpo: ottone  
Temperatura di esercizio: -10°C ÷ +80°C  
Body: brass  
Working temperature: -10°C ÷ +80°C  
Körper: Messing  
Betriebstemperatur: -10°C ÷ +80°C

Silenziatore: bronzo sinterizzato  
Pressione di esercizio: 12 bar  
Silencer: sintered bronze  
Working pressure: 12 bar  
Dämpfer: Sinterbronze  
Betriebsdruck: 12 bar



## SZ 74



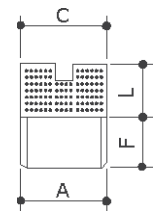
### Silenziatore cilindrico BSPP

Silencer parallel BSPP  
Schalldämpfer zylindrisches Gewinde

Codice/Code	A	C	F	L			
<b>SZ740018</b>	G1/8	10	6	6			10
<b>SZ740014</b>	G1/4	13	6	6			10
<b>SZ740038</b>	G3/8	17	7	8			10
<b>SZ740012</b>	G1/2	21	10	8			10
<b>SZ740034</b>	G3/4	26	13	9			10
<b>SZ740001</b>	G1	33	14	11			10

Corpo: ottone  
Temperatura di esercizio: -10°C ÷ +80°C  
Body: brass  
Working temperature: -10°C ÷ +80°C  
Körper: Messing  
Betriebstemperatur: -10°C ÷ +80°C

Silenziatore: bronzo sinterizzato  
Pressione di esercizio: 12 bar  
Silencer: sintered bronze  
Working pressure: 12 bar  
Dämpfer: Sinterbronze  
Betriebsdruck: 12 bar



## SZ 75



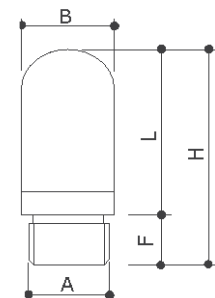
### Silenziatore cilindrico BSPP

Silencer parallel BSPP  
Schalldämpfer zylindrisches Gewinde

Codice/Code	A	B	F	L	H		
<b>SZ7500M5</b>	M5	7	4	20	24		10
<b>SZ750018</b>	G1/8	13	6	22	28		10
<b>SZ750014</b>	G1/4	17	7	27	34		10
<b>SZ750038</b>	G3/8	25	10	54	64		10
<b>SZ750012</b>	G1/2	25	10	55	65		10
<b>SZ750034</b>	G3/4	37	15	122	137		10
<b>SZ750001</b>	G1	48	19	133	152		10

Corpo: nylon  
Temperatura di esercizio: -10°C ÷ +80°C  
Body: nylon  
Working temperature: -10°C ÷ +80°C  
Körper: Nylon  
Betriebstemperatur: -10°C ÷ +80°C

Silenziatore: polietilene  
Pressione di esercizio: 6 bar  
Silencer: polyethylene  
Working pressure: 6 bar  
Dämpfer: Polyethylen  
Betriebsdruck: 6 bar



# Silenziatori e ugelli silenziati

Silencers and nozzles  
Schalldämpfer

## SX 60



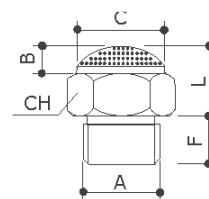
### Silenziatore INOX cilindrico BSPP

Inox silencer parallel BSPP  
Schalldämpfer INOX, zylindrisches Gewinde

Codice/Code	A	CH	B	C	F	L		
<b>SX6000M5</b>	M5	8	1	5	3,5	4,5		10
<b>SX600018</b>	G1/8	13	1,5	8	6	10		10
<b>SX600014</b>	G1/4	16	1,5	12	8	11		10
<b>SX600038</b>	G3/8	19	1,5	14	9	12		10
<b>SX600012</b>	G1/2	24	3,5	19	10	13		10
<b>SX600034</b>	G3/4	30	5	24	10	17		10
<b>SX600001</b>	G1	36	7	31	15	14		10

Corpo: acciaio INOX AISI 304-316L  
Temperatura di esercizio: -10°C ÷ +80°C  
Body: stainless steel AISI 304-316L  
Working temperature: -10°C ÷ +80°C  
Körper: Edelstahl AISI 304-316L  
Betriebstemperatur: -10°C ÷ +80°C

Silenziatore: filo AISI 316L  
Pressione di esercizio: 12 bar  
Silencer: wire AISI 316L  
Working pressure: 12 bar  
Dämpfer: Draht AISI 316L  
Betriebsdruck: 12 bar



## SZ 70



### Ugello a pettine in plastica (POM)

Flat nozzle plastic (POM)  
Düse flach Kunststoff (POM)

Codice/Code	
<b>SZ700014</b>	10

Attacco / Pipe / Angriff  
Ingombri / Dimensions / Maße  
Temperatura / Temperature / Temperatur

R1/4"  
47x90x14.5 (LxDxF)  
-40°C+90°C

Pressione di esercizio: 6 bar  
Livello sonoro: 70 dB(A)  
(6 bar a 1 mt di distanza)  
Consumo: 28 m<sup>3</sup>/h (6 bar e 23°C)  
Potenza di soffiaggio: 2.6 N (6 bar a 50 mm dall'ugello)

Working pressure: 6 bar  
Noise level: 70 dB(A) (6 bar at 1 mt far)  
Consumption: 28 m<sup>3</sup>/h (6 bar and 23°C)  
Blowing power: 2.6 N (6 bar at 50 mm to nozzle)

Betriebsdruck: 6 bar  
Schallpegel: 70 dB(A) (6 bar zu 1 mt weg)  
Verbrauch: 28 m<sup>3</sup>/h (6 bar und 23°C)  
Blasenstärke: 2.6 N (6 bar 50 mm zur Düse)

## SZ 76

new



### Mini ugello a pettine in plastica (POM) (25 mm)

Compact flat nozzle plastic (POM)(25 mm)  
Düse flach Kunststoff (POM) mini(25 mm)

Codice/Code	
<b>SZ760014</b>	10

Attacco / Pipe / Angriff  
Ingombri / Dimensions / Maße  
Temperatura / Temperature / Temperatur

R1/4"  
25x67x14.2 (LxDxF)  
-40°C+90°C

Pressione di esercizio: 6 bar  
Livello sonoro: 70 dB(A)  
(6 bar a 1 mt di distanza)  
Consumo: 62 m<sup>3</sup>/h (6 bar e 23°C)  
Potenza di soffiaggio: 2.2 N (6 bar a 50 mm dall'ugello)

Working pressure: 6 bar  
Noise level: 70 dB(A) (6 bar at 1 mt far)  
Consumption: 62 m<sup>3</sup>/h (6 bar and 23°C)  
Blowing power: 2.2 N (6 bar at 50 mm to nozzle)

Betriebsdruck: 6 bar  
Schallpegel: 70 dB(A) (6 bar zu 1 mt weg)  
Verbrauch: 62 m<sup>3</sup>/h (6 bar und 23°C)  
Blasenstärke: 2.2 N (6 bar 50 mm zur Düse)

## SZ 71



### Ugello rotondo in plastica (POM)

Circular nozzle polymer plastic (POM)  
Düse rund Kunststoff (POM)

Codice/Code	
<b>SZ710014</b>	10

Attacco / Pipe / Angriff  
Ingombri / Dimensions / Maße  
Temperatura / Temperature / Temperatur

R1/4"  
55x23x10 (LxDxF)  
-40°C+90°C

Pressione di esercizio: 6 bar  
Livello sonoro: 81 dB(A)  
(6 bar a 1 mt di distanza)  
Consumo: 35 m<sup>3</sup>/h (6 bar e 23°C)  
Potenza di soffiaggio: 2.8 N (6 bar a 50 mm dall'ugello)

Working pressure: 6 bar  
Noise level: 81 dB(A) (6 bar at 1 mt far)  
Consumption: 35 m<sup>3</sup>/h (6 bar and 23°C)  
Blowing power: 2.8 N (6 bar at 50 mm to nozzle)

Betriebsdruck: 6 bar  
Schallpegel: 81 dB(A) (6 bar zu 1 mt weg)  
Verbrauch: 35 m<sup>3</sup>/h (6 bar und 23°C)  
Blasenstärke: 2.8 N (6 bar 50 mm zur Düse)

## SZ 72



### Ugello rotondo in alluminio

Circular nozzle aluminium  
Düse rund

Codice/Code	F"	L	CH		
<b>SZ720014</b>	G1/4	33	14		10

Attacco / Pipe / Angriff  
Ingombri / Dimensions / Maße

R1/4"  
34x19x7.5 (LxDxF)

Livello sonoro: 80 dB(A)  
(6 bar a 1 mt di distanza)  
Consumo: 31 m<sup>3</sup>/h (6 bar e 23°C)  
Potenza di soffiaggio: 2.7 N (6 bar a 50 mm dall'ugello)

Noise level: 80 dB(A) (6 bar at 1 mt far)  
Consumption: 31 m<sup>3</sup>/h (6 bar and 23°C)  
Blowing power: 2.7 N (6 bar at 50 mm to nozzle)

Schallpegel: 80 dB(A) (6 bar zu 1 mt weg)  
Verbrauch: 31 m<sup>3</sup>/h (6 bar und 23°C)  
Blasenstärke: 2.7 N (6 bar 50 mm zur Düse)

### Dati tecnici ripartitori in alluminio

Aluminum manifolds technical data

Technischen Daten der Aluminium Verteiler

#### Descrizione

Ripartitori pneumatici progettati per fornire un sistema compatto ed altamente efficiente di controllo pneumatico. Tale sistema nasce con la logica necessità di integrazione sempre più spinta richiesta dai circuiti pneumatici, riducendo i costi relativi a materiali, montaggio e manutenzione.

#### Materiali

Alluminio

#### Trattamento

Barilatura

#### Max Pressione di lavoro

12 Bar

#### Temperatura di utilizzo

-20°C ÷ +130°C

#### Opzioni a richiesta

- Anodizzazione bianca, gialla, azzurra o nera
- Versioni speciali

#### Description

Pneumatic distributors designed to provide a compact and highly efficient pneumatic control. This system was created with the logical necessity of integration of pneumatic circuits, reducing costs of materials, installation and maintenance.

#### Materials

Aluminum

#### Treatment

Tumbling

#### Max working pressure

174 psi

#### Temperature range

-4°F ÷ +266°F

#### Options on request

- Anodization white, yellow, blue or black
- Special version

#### Beschreibung

Pneumatischer Verteiler konzipiert, um eine kompakte und hoch effiziente pneumatische Steuerung liefern. Dieses System wurde mit der logischen Notwendigkeit der Integration von pneumatischen Schaltungen erzeugt, wodurch Kosten für Material, Montage und Wartung.

#### Werkstoffen

Aluminium

#### Behandlung

Taumeln

#### Maximal Betriebsdruck

12 Bar

#### Betriebsdruck

-20°C ÷ +130°C

#### Optionen auf Anfrage

- Anodisieren weiß, gelb, blau oder schwarz
- Sonderausführungen

## Ripartitori in alluminio

Aluminium manifolds  
Verteilerblöcke

### RL 50



#### Ripartitore croce femmina

Cross female manifold  
Kreuzverteiler

Codice/Code	Rif.	A"	B	C	D	E	F	G	kg		
RL500018	fig.2	G1/8	17	25	16	4.5	15,2	0.5	0.015		10
RL501818	fig.1	G1/8	23	30	16	4.25	22		0.03		10
RL500014	fig.3	G1/4	21	30	18	4.25			0.03		10
RL501414	fig.2	G1/4	26	40	20	5.5	19	0.5	0.065		10
RL500038	fig.3	G3/8	30	40	20	5.25			0.055		10
RL503838	fig.2	G3/8	34	50	25	5.5	23	0.5	0.12		10
RL500012	fig.3	G1/2	37	50	30	6.5			0.135		10

Standard a magazzino burattati / tumbling standard available / Standard Lager Trommelsteine  
Su richiesta anodizzati / on demand anodized / auf Anfrage eloxiert

Fig. 1

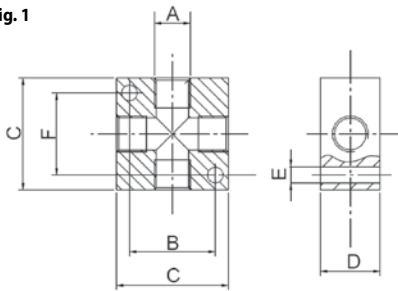


Fig. 2

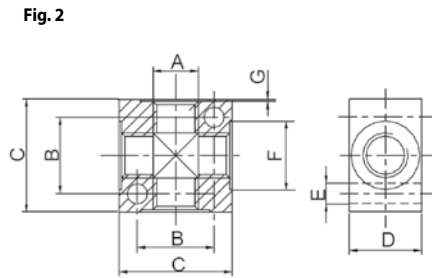
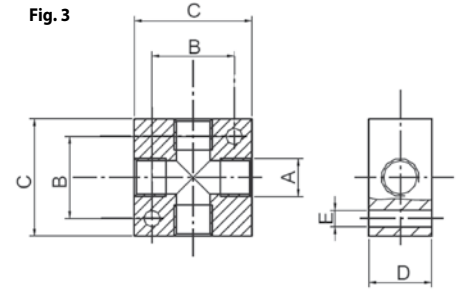


Fig. 3



### RL 51



#### Ripartitore uscite multiple da 1 lato

Manifold 1 side output  
Verteilerblock mit mehrere Ausgänge von einer Seite

#### 2 entrate 2 uscite / 2 inlets 2 outlets / 2 Eingänge 2 Ausgänge

Codice/Code	FIG.	A"	B"	D	E	F	G	H	L	M	K	
RL5118M502	1	G1/8	M5	15	15	45	22.5	3.5	20	15	4.25	5
RL51141802	1	G1/4	G1/8	15	30	60	30	4.5	30	20	5.25	5
RL51381802	1	G3/8	G1/8	18	30	66	33	4.5	40	20	5.25	5
RL51381402	1	G3/8	G1/4	18	36	72	36	6	40	20	6.5	5
RL51121402	1	G1/2	G1/4	22	36	80	40	6	40	28	6.5	5
RL51123802	1	G1/2	G3/8	25	40	90	45	6	40	28	6.5	5
RL51121202	1	G1/2	G1/2	30	40	100	50	6	40	28	6.5	5

#### 2 entrate 3 uscite / 2 inlets 3 outlets / 2 Eingänge 3 Ausgänge

Codice/Code	FIG.	A"	B"	D	E	F	G	H	L	M	K	
RL5118M503	3	G1/8	M5	15	15	60	22.5	3.5	20	15	4.25	5
RL51141803	3	G1/4	G1/8	15	30	90	30	4.5	30	20	5.25	5
RL51381803	2	G3/8	G1/8	18	30	96	33	4.5	30	20	5.25	5
RL51381403	2	G3/8	G1/4	18	36	108	36	6	30	20	6.5	5
RL51121403	2	G1/2	G1/4	22	36	116	40	6	40	28	6.5	5
RL51123803	2	G1/2	G3/8	25	40	130	45	6	40	28	6.5	5
RL51121203	2	G1/2	G1/2	30	40	140	50	6	40	28	6.5	5

#### 2 entrate 4 uscite / 2 inlets 4 outlets / 2 Eingänge 4 Ausgänge

Codice/Code	FIG.	A"	B"	D	E	F	G	H	L	M	K	
RL5118M504	3	G1/8	M5	15	15	75	22.5	3.5	20	15	4.25	5
RL51141804	3	G1/4	G1/8	15	30	120	30	4.5	30	20	5.25	5
RL51381804	2	G3/8	G1/8	18	30	126	33	4.5	30	20	5.25	5
RL51381404	2	G3/8	G1/4	18	36	144	36	6	30	20	6.5	5
RL51121404	2	G1/2	G1/4	22	36	152	40	6	40	28	6.5	5
RL51123804	2	G1/2	G3/8	25	40	170	45	6	40	28	6.5	5
RL51121204	2	G1/2	G1/2	30	40	180	50	6	40	28	6.5	5

**2 entrate 5 uscite / 2 inlets 5 outlets / 2 Eingänge 5 Ausgänge**

Code/Code	FIG.	A"	B"	D	E	F	G	H	L	M	K	
<b>RL5118M505</b>	3	G1/8	M5	15	15	90	22.5	3.5	20	15	4.25	5
<b>RL51141805</b>	3	G1/4	G1/8	15	30	150	30	4.5	30	20	5.25	5
<b>RL51381805</b>	2	G3/8	G1/8	18	30	156	33	4.5	30	20	5.25	5
<b>RL51381405</b>	2	G3/8	G1/4	18	36	180	36	6	30	20	6.5	5
<b>RL51121405</b>	2	G1/2	G1/4	22	36	188	40	6	40	28	6.5	5
<b>RL51123805</b>	2	G1/2	G3/8	25	40	210	45	6	40	28	6.5	5
<b>RL51121205</b>	2	G1/2	G1/2	30	40	220	50	6	40	28	6.5	5

**2 entrate 6 uscite / 2 inlets 6 outlets / 2 Eingänge 6 Ausgänge**

Code/Code	FIG.	A"	B"	D	E	F	G	H	L	M	K	
<b>RL5118M506</b>	3	G1/8	M5	15	15	105	22.5	3.5	20	15	4.25	5
<b>RL51141806</b>	3	G1/4	G1/8	15	30	180	30	4.5	30	20	5.25	5
<b>RL51381806</b>	2	G3/8	G1/8	18	30	186	33	4.5	30	20	5.25	5
<b>RL51381406</b>	2	G3/8	G1/4	18	36	216	36	6	30	20	6.5	5
<b>RL51121406</b>	2	G1/2	G1/4	22	36	224	40	6	40	28	6.5	5
<b>RL51123806</b>	2	G1/2	G3/8	25	40	250	45	6	40	28	6.5	5
<b>RL51121206</b>	2	G1/2	G1/2	30	40	260	50	6	40	28	6.5	5

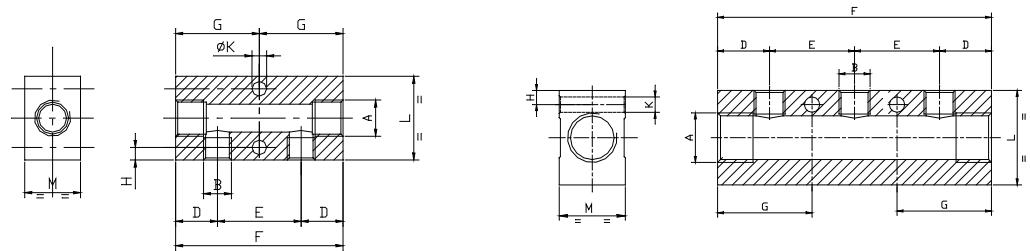


Fig. 1

Fig. 2

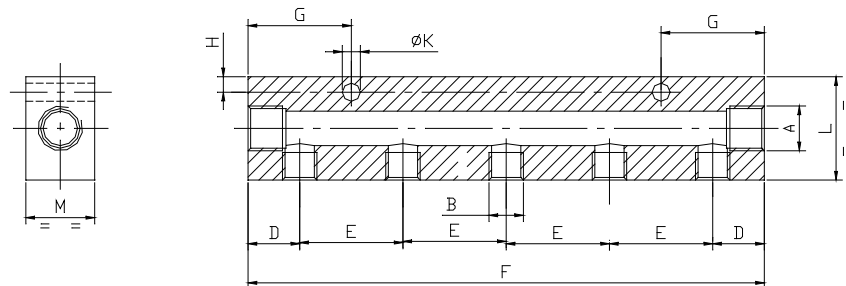


Fig. 3

Standard a magazzino burattati / tumbling standard available / Standard Lager Trommelsteine  
Su richiesta anodizzati / on demand anodized / auf Anfrage eloxiert



## Ripartitori in alluminio

Aluminium manifolds  
Verteilerblöcke

RL 52



### Ripartitore uscite multiple da 2 lati

Manifold 2 side output  
Verteilerblock mit mehrere Ausgänge von zwei Seite

#### 2 entrate 2+2 uscite / 2 inlets 2+2 outlets / 2 Eingänge 2+2 Ausgänge

Codice/Code	FIG.	A"	B"	D	E	F	G	H	L	M	K	
RL5218M522	1	G1/8	M5	15	15	45	22.5	3.5	20	15	4.25	5
RL52141822	1	G1/4	G1/8	15	30	60	30	4.5	30	20	5.25	5
RL52381822	1	G3/8	G1/8	18	30	66	33	4.5	40	20	5.25	5
RL52381422	1	G3/8	G1/4	18	36	72	36	6	40	20	6.5	5
RL52121422	1	G1/2	G1/4	22	36	80	40	6	40	28	6.5	5
RL52123822	1	G1/2	G3/8	25	40	90	45	6	40	28	6.5	5
RL52121222	1	G1/2	G1/2	30	40	100	50	6	40	28	6.5	5

#### 2 entrate 3+3 uscite / 2 inlets 3+3 outlets / 2 Eingänge 3+3 Ausgänge

Codice/Code	FIG.	A"	B"	D	E	F	G	H	L	M	K	
RL5218M533	2	G1/8	M5	15	15	60	22.5	3.5	20	15	4.25	5
RL52141833	2	G1/4	G1/8	15	30	90	30	4.5	30	20	5.25	5
RL52381833	2	G3/8	G1/8	18	30	96	33	4.5	40	20	5.25	5
RL52381433	2	G3/8	G1/4	18	36	108	36	6	40	20	6.5	5
RL52121433	2	G1/2	G1/4	22	36	116	40	6	40	28	6.5	5
RL52123833	2	G1/2	G3/8	25	40	130	45	6	40	28	6.5	5
RL52121233	2	G1/2	G1/2	30	40	140	50	6	40	28	6.5	5

#### 2 entrate 4+4 uscite / 2 inlets 4+4 outlets / 2 Eingänge 4+4 Ausgänge

Codice/Code	FIG.	A"	B"	D	E	F	G	H	L	M	K	
RL5218M544	2	G1/8	M5	15	15	75	22.5	3.5	20	15	4.25	5
RL52141844	2	G1/4	G1/8	15	30	120	30	4.5	30	20	5.25	5
RL52381844	2	G3/8	G1/8	18	30	126	33	4.5	40	20	5.25	5
RL52381444	2	G3/8	G1/4	18	36	144	36	6	40	20	6.5	5
RL52121444	2	G1/2	G1/4	22	36	152	40	6	40	28	6.5	5
RL52123844	2	G1/2	G3/8	25	40	170	45	6	40	28	6.5	5
RL52121244	2	G1/2	G1/2	30	40	180	50	6	40	28	6.5	5

#### 2 entrate 5+5 uscite / 2 inlets 5+5 outlets / 2 Eingänge 5+5 Ausgänge

Codice/Code	FIG.	A"	B"	D	E	F	G	H	L	M	K	
RL5218M555	2	G1/8	M5	15	15	90	22.5	3.5	20	15	4.25	5
RL52141855	2	G1/4	G1/8	15	30	150	30	4.5	30	20	5.25	5
RL52381855	2	G3/8	G1/8	18	30	156	33	4.5	40	20	5.25	5
RL52381455	2	G3/8	G1/4	18	36	180	36	6	40	20	6.5	5
RL52121455	2	G1/2	G1/4	22	36	188	40	6	40	28	6.5	5
RL52123855	2	G1/2	G3/8	25	40	210	45	6	40	28	6.5	5
RL52121255	2	G1/2	G1/2	30	40	220	50	6	40	28	6.5	5

#### 2 entrate 6+6 uscite / 2 inlets 6+6 outlets / 2 Eingänge 6+6 Ausgänge

Codice/Code	FIG.	A"	B"	D	E	F	G	H	L	M	K	
RL5218M566	2	G1/8	M5	15	15	105	22.5	3.5	20	15	4.25	5
RL52141866	2	G1/4	G1/8	15	30	180	30	4.5	30	20	5.25	5
RL52381866	2	G3/8	G1/8	18	30	186	33	4.5	40	20	5.25	5
RL52381466	2	G3/8	G1/4	18	36	216	36	6	40	20	6.5	5
RL52121466	2	G1/2	G1/4	22	36	224	40	6	40	28	6.5	5
RL52123866	2	G1/2	G3/8	25	40	250	45	6	40	28	6.5	5
RL52121266	2	G1/2	G1/2	30	40	260	50	6	40	28	6.5	5

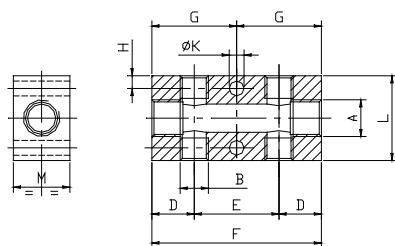


Fig. 1

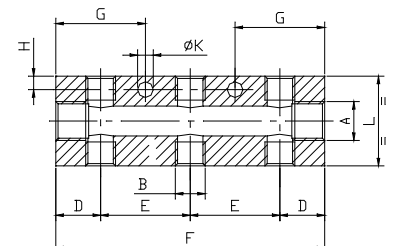


Fig. 2

Standard a magazzino burattati / tumbling standard available / Standard Lager Trommelsteine  
Su richiesta anodizzati / on demand anodized / auf Anfrage eloxiert

## Serbatoio per aria compressa 2 e 4 uscite da 1/2"

Receiver tanks for compressed air 2 and 4 output 1/2"

Tank für Druckluft 2 und 4 Ausgänge 1/2"

SA

### Dati tecnici Serbatoio per aria compressa

Receiver tanks for compressed technical data

Technischen Daten der Tank Druckluft

Materiale Acciaio FeP13	Material steel FeP13	Material Stahl FeP13
Filettature attacchi 1/2" GAS CILINDRICA ISO 228	Threads 1/2" GAS PARALLELE ISO 228	Gewinde 1/2" BSPP Zylindrische ISO 228
Verniciatura Polvere epossidica	Painting epoxy powder	Malerei Epoxid-Pulver
Temperatura di esercizio Min. - 10°C max + 50°C	Operating temperature min. - 10 ° C up to + 50 ° C	Betriebstemperatur Min. - 10 ° C bis + 50 ° C
Pressione di esercizio 7 Bar	Working Pressure 7 Bar	Betriebssdruck 7 bar
Conformi alla direttiva 97/23/CE; 5-7-12 litri completi di marchio CE. I serbatoi da 1 lt. e 2,5 lt. a 2 e 4 uscite sono esclusi dalla marcatura "CE" come previsto dall'art. 3 comma 3 della Direttiva 97/23/CE.	Comply with Directive 97/23 / EC; 05/07/12 liters complete with CE mark. The tanks from 1 lt. and 2.5 lt. 2 and 4 outputs are excluded from the "CE" marking according to art. 3 paragraph 3 Directive 97/23 / CE	Den Anforderungen der Richtlinie 97/23 / EG; 05.07.12 Liter komplett mit CE-Zeichen. Die Tanks von 1 lt. und 2,5 lt. 2 und 4 Ausgänge sind von der "CE"-Kennzeichnung 3, Absatz 3 gemäß Functional Art ausgeschlossen. Richtlinie 97/23 / EG

SA

**Serbatoio per aria compressa 2 e 4 uscite da 1/2"**

Receiver tanks for compressed air 2 and 4 output 1/2"

Tank für Druckluft 2 und 4 Ausgänge 1/2"

SA **2U**

new

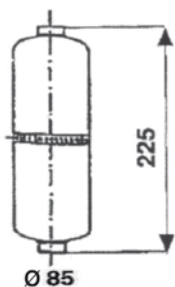
**Serbatoio per aria compressa 2 uscite da 1/2"**

Receiver tanks for compressed air 2 output 1/2"

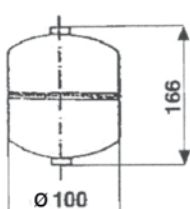
Tank für Druckluft 2 Ausgänge 1/2"

Codice/Code	Misura/Size							
SA2U0010	lt 1,0 - 2U							1
SA2U0025	lt 2,5 - 2U							1
SA2U0050	lt 5,0 - 2U							1
SA2U0070	lt 7,0 - 2U							1
SA2U0120	lt 12,0 - 2U							1

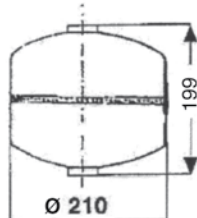
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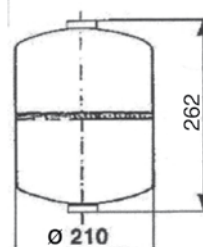
SA2U0025



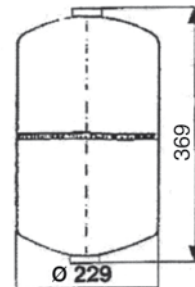
SA2U0050



SA2U0070



SA2U0120

SA **4U**

new

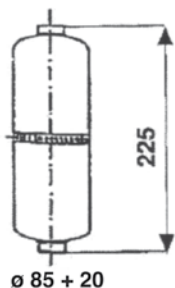
**Serbatoio per aria compressa 4 uscite da 1/2"**

Receiver tanks for compressed air 4 output 1/2"

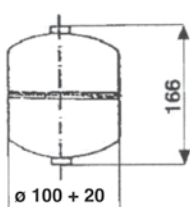
Tank für Druckluft 4 Ausgänge 1/2"

Codice/Code	Misura/Size							
SA4U0010	lt 1,0 - 4U							1
SA4U0025	lt 2,5 - 4U							1
SA4U0050	lt 5,0 - 4U							1
SA4U0070	lt 7,0 - 4U							1
SA4U0120	lt 12,0 - 4U							1

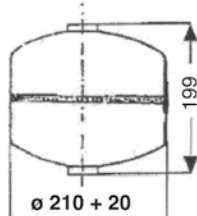
SA4U0010



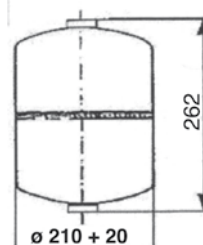
SA4U0025



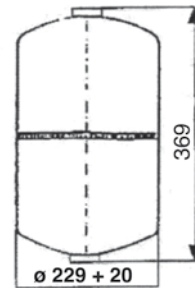
SA4U0050



SA4U0070



SA4U0120



## Dati tecnici degli adesivi industriali

### Industrial adhesives technical data

#### Technischen Daten der Dichtungsflüssigkeiten/Klebstoffe

#### Sigillafletti

I sigillanti liquidi garantiscono la tenuta idraulica dei raccordi filettati. Polimerizzano in breve tempo. Mantengono la coppia di serraggio iniziale. Sigillano contro gas, idrocarburi, olii ed altri prodotti chimici. Sono omologati secondo le normative DVGW, TZW, BAM, WRAS, CSA. Facilitano l'avvitamento delle parti filettate. Garantiscono un facile smontaggio con i normali utensili.

#### Thread sealing

The liquid sealants provide a watertight seal threaded connections. Cure in a short time. Maintain the initial tightening torque. Seal against gases, hydrocarbons, oils and other chemicals. Are certified according to DVGW regulations, TZW, BAM, WRAS, CSA. Facilitate the screwing of the threaded parts. Provide easy disassembly with normal tools.

#### Dichtstoffe

Die flüssigen Dichtmittel bieten eine wasserdichte Abdichtung Schraubverbindungen. Polymerisieren in einer kurzen Zeit. Pflegen Sie die erste Anzugsmoment. Abdichtung gegen Gase, Kohlenwasserstoffe, Öle und andere Chemikalien. Sie werden in Übereinstimmung mit den Vorschriften zugelassenen TZW, BAM, WRAS, CSA. Erleichterung der Verschraubung der Gewindeteile. Sorgen für eine einfache Demontage mit normalem Werkzeug.

Prodotto Product/Produkt	Viscosità Viscosity/Viskosität	Ø gioco max Ø top stroke/Maximum Spiel	Resistenza Strenght/Beständigkeit	Coppia di svitamento Screwing torque/Par Aufschrauben	Resistenza funzionale Functional strenght/ Funktionale Stärke	Temperatura di esercizio Working temperature/ Betriebstemperatur
LX1810075	alta-pasta/high/hoch	2" 0.3mm	bassa/low/niedriger	6	3	-55 +150
LX5314050	bassa/low/niedriger	3/4" 0.15mm	media/medium/mittel	12	3	-55 +150
LX5811075	alta-pasta/high/hoch	3" 0.5mm	media/medium/mittel	18	3	-55 +150

#### Serrafletti

Per bloccare e frenare bulloni, dadi, viti prigionieri e parti filettate in genere. Evitano allentamenti dovuti a vibrazioni, urti, sbalzi di temperatura. Eliminano corrosione e grippaggio. Facilitano l'avvitamento delle parti filettate. Sostituiscono le classiche rondelle, grover, rosette. Sono disponibili in vari gradi di resistenza e svitamento.

#### Thread locking

To lock and brake bolts, nuts, screws, studs and threaded parts in general. Prevent loosening due to vibration, shock, temperature extremes. Eliminate corrosion and seizure. Facilitate the screwing of the threaded parts. They replace traditional washers, grover, rosettes. They come in various degrees of resistance and unscrewing.

#### Schraubensicherung

So sperren und Bremse Schrauben, Muttern, Schrauben, Bolzen und Gewindeteile im Allgemeinen. Verhindern Lösen durch Vibrationen, Relief Schock, Temperatur. Beseitigen Korrosion und Verschleiß. Erleichterung der Verschraubung der Gewindeteile. Ersetzen die herkömmlichen Scheiben, Federring, Unterlegscheiben. Sie sind erhältlich in verschiedenen Graden des Widerstands.

Prodotto Product/Produkt	Viscosità Viscosity/Viskosität	Ø gioco max Ø top stroke/Maximum Spiel	Resistenza Strenght/Beständigkeit	Coppia di svitamento Screwing torque/Par Aufschrauben	Resistenza funzionale Functional strenght/ Funktionale Stärke	Temperatura di esercizio Working temperature/ Betriebstemperatur
LX5503050	bassa/low/niedriger	M24 0.2mm	alta/high/hoch	18	3	-55 +200
LX8354050	bassa/low/niedriger	M20 0.15mm	alta/high/hoch	25	3	-55 +150

#### Guarnizioni elastomeriche e plastiche

Per sigillare accoppiamenti piani e giunzioni flangiate di pompe, scatole di ingranaggi, cambi, differenziali, motori. Sostituiscono le guarnizioni preformate, garantiscono la sigillatura con tolleranze di lavorazione di alcuni decimi di mm, consentono il contatto metallo-metallo evitando l'allentamento dei bulloni nel tempo.

Formano una guarnizione flessibile e/o elastica resistente a vibrazioni, calore, olii e fluidi industriali. Sono smontabili con normali utensili.

#### Plastic and rubber gaskets

To seal breeding plans and flanged joints of pumps, gearboxes, transmissions, differentials, engines. Replace the preformed seals, guarantee the sealing with machining tolerances of a few tenths of a mm, allowing the metal to metal contact preventing the loosening of the bolts in time.

Form a flexible seal and / or elastic resistance to vibration, heat, oil and industrial fluids. Can be removed with normal tools.

#### Elastomerdichtungen und Kunststoff

Pläne, Kupplungen und Flanschverbindungen von Pumpen, Getrieben, Getriebe, Differentiale, Motoren versiegeln. Ersetzen der vorgeformten Dichtungen, stellen die Abdichtung mit Bearbeitungstoleranz von wenigen Zehntel mm, damit das Metall-Metall-Berührung zu verhindern das Lösen der Schrauben im Laufe der Zeit. Eine Dichtung bilden flexiblen und / oder elastischen, vibrations-, Wärme-, Öle und industriellen Flüssigkeiten. smontabil sind mit Standard-Tools.

Prodotto Product/Produkt	Viscosità Viscosity/Viskosität	Ø gioco max Ø top stroke/Maximum Spiel	Resistenza Strenght/Beständigkeit	Coppia di svitamento Screwing torque/Par Aufschrauben	Resistenza funzionale Functional strenght/ Funktionale Stärke	Temperatura di esercizio Working temperature/ Betriebstemperatur
LX5930075	bassa/low/niedriger	M24 0.2mm	bassa/low/niedriger	5	3	-55 +150

#### Bloccanti fissatori

Gli adesivi di questa linea permettono il montaggio ad alta resistenza di un accoppiamento cilindrico quale: cuscinetti, ingranaggi, pulegge, perni, boccole. Garantiscono un'alta coppia di trasmissione. Sostituiscono chiavette, alberi scanalati, saldature. Sigillano il giunto eliminando la corrosione da agenti esterni e da contatto. Possono incollare materiali diversi tra loro. Resistono ad alte temperature (fino a 230 °C).

#### Retaining

The stickers allow the installation of this line high strength of a cylindrical gap such as: bearings, gears, pulleys, pins, bushings. Provide high torque transmission. Replace keys, splines, welding. Seal the fastening removing corrosion from external agents and contact. Possible to glue different materials together. Withstand high temperatures (up to 230 °C).

#### Blocker fixatoren

Die Klebstoffe dieser Linie ermöglichen die Montage eines hochfesten zylindrischen Spalt als Lager, Zahnräder, Riemenscheiben, Stifte, Büchsen. Bieten eine hohe Drehmomentübertragung. Ersetzen Schlüssel, Splines, verschweißte die Fuge durch das Entfernen von Korrosion externen Agenten und Kontakte. Kann Kleber verschiedenen Materialien. Hohe Temperaturen (bis 230 °C)

Prodotto Product/Produkt	Viscosità Viscosity/Viskosität	Ø gioco max Ø top stroke/Maximum Spiel	Resistenza Strenght/Beständigkeit	Resistenza a scorrimento Sliding resistance/Scherfestigkeit	Resistenza funzionale Functional strenght/ Funktionale Stärke	Temperatura di esercizio Working temperature/ Betriebstemperatur
LX8321050	bassa/low/niedriger	0.15	alta/high/hoch	25 - 35	3	-55+175

#### Adesivi istantanei

Adesivi cianoacrilici per fissaggio istantaneo e strutturale di gomma, metalli, ceramica, cuoio, legno, materie plastiche. È opportuno che le superfici da incollare combacino perfettamente, i migliori risultati si ottengono con giunzioni inferiori a 0,1 mm; si può arrivare a spessori di 0,30 mm utilizzando prodotti densi o in gel. Il campo operativo di temperatura è compreso fra -50 °C e +80 °C con punte sino a 130 °C con prodotti speciali.

#### Instant adhesives

Cyanoacrylate adhesives for instant adhesion and structural rubber, metals, ceramics, leather, wood, plastics. It is appropriate that all joints fit together perfectly, the best results are obtained with joints less than 0.1 mm can reach thicknesses of 0.30 mm thick using products or gel. The operating range of temperature is between -50 °C and +80 °C with peaks up to 130 °C with special products.

#### Industrieklebstoffen

Cyanoacrylatklebstoffe zum Fixieren Instant und strukturelle Gummi, Metall, Keramik, Leder, Holz, Kunststoffe. sollten die Klebeflächen passen hervorragend zusammen, die besten Ergebnisse mit Fugen von weniger als 0,1 mm erhalten werden, kann es zu einer Dicke von 0,30 mm mit dichten Produkten oder Gel führen. Die Reichweite der Temperatur zwischen -50 °C und +80 °C mit Spitzen bis 130 °C mit speziellen Produkten.

Prodotto Product/Produkt	Viscosità Viscosity/Viskosität	Spessore giunto Coupling thickness/Stärke der Gemeinsame	Tempo di fissaggio Fixing time/Fixierzeit	Temperatura di esercizio Working temperature/ Betriebstemperatur
LXIS14020	80 - 150	10 - 100	4 - 8	-50 +80
LXIS43520	80 - 150	10 - 150	3 - 4	-50 +80
LXIS74020	100 - 200	10 - 150	4 - 8	-50 +80

# Adesivi industriali

Industrial adhesives  
Dichtungsflüssigkeiten/Klebstoffe

LX **18-10**

**Sigillafiletti al PTFE**  
omologato gas e acqua potabile

PTFE pipe sealant worldwide  
gas and potable water approvals  
Industrieklebstoff PTFE

Codice/Code	Contenuto Contents	
LX1810075	75 ml.	1

LX **59-30**

**Silicone alta temperatura**

High temperaturesilicone gasket  
Industrieklebstoff für hohe Temperatur

Codice/Code	Contenuto Contents	
LX5930075	75 ml.	1

LX **53-14**

**Sigillafiletti fluido per pneumatica**  
ed oleodinamica - omologato gas

Threadsealant for pneumatic  
and hydraulic - gas approval  
Industrieklebstoff für Druckluft

Codice/Code	Contenuto Contents	
LX5314050	50 ml.	1

LX **83-21**

**Bloccante rapido alta resistenza**

Fast curing high strength retainer  
Industrieklebstoff mit  
hoher Beständigkeit

Codice/Code	Contenuto Contents	
LX8321050	50 ml.	1

LX **58-11**

**Sigillafiletti fren. media-omologato**  
gas, GPL, ossigeno e acqua potabile

Semiperm. pipe sealant - approval gas,  
LP gas, oxygen, potable water  
Industrieklebstoff mittelfest

Codice/Code	Contenuto Contents	
LX5811075	75 ml.	1

LX **83-54**

**Frenafiletti forte - bloccaprigionieri**

High strength studlocks  
Industrieklebstoff hochfest

Codice/Code	Contenuto Contents	
LX8354050	50 ml.	1

LX **55-03**

**Bloccabulloni medio**  
oleotoll. sigillafiletti  
omologato gas e acqua potabile

Oil tolerant nuts and bolts  
docking medium strength  
gas and potable water approvals  
Industrieklebstoff mittelfest bis hochfest

Codice/Code	Contenuto Contents	
LX5503050	50 ml.	1

## LX IS-14



### Adesivo istantaneo per metallo, gomma-metallo, materiali rigidi

Instant adhesive for metal, rubber-metal, rigid parts  
Industrieklebstoff für Metall und Gummi


Codice/Code	Contenuto Contents	
LXIS14020	20 ml.	1

## PTFE 12



### Nastro PTFE per gas spessore 0,10

0,10 thick PTFE tape for gas  
Dichtungsband PTFE - Dicke 0,10

Codice/Code	Misure Size	
PTFE1212010	12x12-0.10	10
PTFE1219010	12x19-0.10	10

## LX IS-74



### Adesivo istantaneo tenace, fluido per metalli e gomme

Istant adhesive tough, for metal and rubber  
Industrieklebstoff für Metall und Gummi


Codice/Code	Contenuto Contents	
LXIS74020	20 ml.	1

## PTFE 15



### Nastro PTFE professionale spessore 0,20

0,20 thick PTFE tape for professional use  
Dichtungsband PTFE - Dicke 0,20

Codice/Code	Misure Size	
PTFE1519020	15x19-0.20	10
PTFE1525020	15x25-0.20	10

## LX IS43-S



### Adesivo istantaneo per materiali difficili, superfici porose e reazione acida

Instant adhesive for surface insens. grade, porous and acid surfaces  
Industrieklebstoff für schwierige Materialien

Codice/Code	Contenuto Contents	
LXIS43S20	20 ml.	1



### Dati tecnici delle fascette

Clamps technical data

Technischen Daten der Schlauchschele

#### Fascetta stringitubo banda 9mm

Le fascette FA09 e FW09 sono realizzate con anello a cremagliera stampata e bordi arrotondati per evitare danneggiamenti al tubo. Aggraffatura del cassetto all'anello con punto di saldatura per garantire un'efficace tenuta. Queste fascette hanno un'elevata flessibilità nell'adattamento alla circonferenza del tubo e sono indicate per tutte le applicazioni industriali.

FA09	
Cassetta	acciaio laminato a freddo a basso tenore di carbonio con trattamento superficiale di nichelatura
Vite	acciaio con rivestimento di zinco esente Cromo Esavalente
Anello	acciaio inossidabile ferritico AISI 430 EN 1.4016

FW09  
Tutti i componenti in acciaio inossidabile austenitico AISI 304 EN 1.4301

#### Fascetta stringitubo banda 12mm

Le fascette FA12 e FW12 sono realizzate con anello a cremagliera stampata e bordi arrotondati per evitare danneggiamenti al tubo. Aggraffatura del cassetto all'anello con doppio punto di saldatura per garantire alte prestazioni della coppia di serraggio. Questa fascetta è indicata per applicazioni esigenti di alta capacità di serraggio e di tenuta.

FA12	
Cassetta	acciaio laminato a freddo a basso tenore di carbonio con trattamento superficiale di nichelatura
Vite	acciaio con rivestimento di zinco esente Cromo Esavalente
Anello	acciaio inossidabile ferritico AISI 430 EN 1.4016

FW12  
Tutti i componenti in acciaio inossidabile austenitico AISI 304 EN 1.4301


#### Collare a bullone

I collari a bullone sono indicati per tutte le forme di serraggio che richiedono una tenuta perfetta alle medie e forti pressioni. CAMPI DI APPLICAZIONE: agricoltura, industria in genere ed edilizia MATERIALI: anello: acciaio inossidabile ferritico AISI 430 EN 1.4016 bullone e cilindretti: acciaio con rivest. di zinco esente Cromo Esavalente

#### Fascette pinzabili

Le FASCETTE PINZABILI sono un sistema di serraggio economico per stringere in modo permanente tubi di piccola e media dimensione. Il montaggio si effettua in pochi secondi con una semplice pinza. MATERIALI: acciaio galvanizzato con rivestimento di zinco esente Cromo Esavalente.

#### Fascette in nylon

MATERIALE: Nylon 6.6 UL 94V-2, temperature per l'installazione da -40 °C a +85 °C.  
CERTIFICAZIONE: UL file E 118226-  - MIL - S - 231 90E

#### Passacavi gommati

I PASSACAVI GOMMATI sono utilizzati per stringere tubi, bloccare cavi singoli o raggruppati. Sono realizzati con nastro sagomato ricoperto in gomma antivibrante.

CAMPI DI APPLICAZIONE: industria automobilistica, impianti oleodinamici, idraulici e pneumatici, impianti di refrigerazione. MATERIALI: acciaio con rivestimento di zinco esente Cromo Esavalente.

ESECUZIONE: secondo le norme DIN 3016 uniformati per dimensioni di nastro e foratura, piastrina di rinforzo per garantire maggiore resistenza alla torsione ed al serraggio della vite di fissaggio, copertura EPDM.

#### Clamps 9mm

FA09 and FW09 clamps are manufactured by a threaded band pressed and rounded edges to prevent damages to the pipe. Locking housing by welded-joint in order to allow an effective grip. These clamps have a good flexibility and adaptability to the hose and it is ideal for demanding industrial assembly requirements.

FA09	
Housing	steel nickel plated
Screw	galvanized steel free of Exavalent Chromium
Band	ferritic stainless steel AISI 430 EN 1.4016

FW09  
All components are in austenitic stainless steel AISI 304 EN 1.4301

#### Clamps 12mm

FA12 and FW12 clamp are manufactured by a threaded band pressed and rounded edges to prevent damages to the pipe. Locking housing by double point of welding in order to allow high screwing torque performance. These clamps are suitable for applications to high clamping force.

FA12	
Housing	steel nickel plated
Screw	galvanized steel free of Exavalent Chromium
Band	ferritic stainless steel AISI 430 EN 1.4016

FW12  
All components are in austenitic stainless steel AISI 304 EN 1.4301

#### Clamp


The clamp is ideal for all kind of fastening application in which a total airtight quality is required at average and strong pressure. APPLICATION FIELDS: industry, agriculture and building MATERIALS: band: ferritic stainless steel AISI 430 EN 1.4016 solid barrels and screw: galvanized steel free of Exavalent Chromium

#### Ear clips

EAR CLIPS is a simple and inexpensive system for clamping pipes in permanent way. Quick clamping by apposite pliers.

MATERIALS: galvanized steel free of Exavalent Chromium.

#### Nylon clips

MATERIALE: Nylon 6.6 UL 94V-2, service temperature from -40 °C up to +85 °C.  
CERTIFICAZIONE: UL file E 118226-  - MIL - S - 231 90E

#### Fastening clamp

Is ideal for clamping pipes, single or bunched cables. Made with a rubber sheath with insulating and anti-vibration function.

APPLICATION FIELDS: automotive industry, machine construction, hydraulic and pneumatic application, refrigeration. MATERIALS: galvanized steel free of Exavalent Chromium. EXECUTION: according to DIN 3016 rules, band with reinforced bolt holes for extra strenght, EPDM cover.

#### Schlauchschele 9mm

Die Bänder werden mit FA09 und FW09 Ring Zahnstange gedruckt und abgerundete Kanten, um eine Beschädigung der Leitung zu verhindern. Crimpen Tablett mit Ring Punktschweißung um eine wirksame Abdichtung zu gewährleisten. Diese Klammern besitzen eine hohe Flexibilität bei der Anpassung an den Umfang des Rohres und eignen sich für alle industriellen Anwendungen.

FA09	
Haus	kaltgewalzten Stahl mit niedrigem Kohlenstoffgehalt mit Oberflächenbehandlung von Nickel
Schrauben	Stahl mit einer Zinkschicht frei von sechswertigem Chrom
Ring	ferritischen Edelstahl AISI 430 EN 1.4016

FW09  
Alle Komponenten von austenitischem rostfreiem Stahl AISI 304 EN 1.4301

#### Schlauchschele 12mm

Die Bänder werden mit FA12 und FW12 Ring Zahnstange gedruckt und abgerundete Kanten, um eine Beschädigung der Leitung zu verhindern. Crimp Ringlade mit doppelter Schweißpunkt für hohe Leistung Drehmoment. Diese Klemme eignet sich für Anwendungen, die hohe Kapazität Spannkraft.

FA12	
Haus	kaltgewalzten Stahl mit niedrigem Kohlenstoffgehalt mit Oberflächenbehandlung von Nickel
Schrauben	Stahl mit einer Zinkschicht frei von sechswertigem Chrom
Ring	ferritischen Edelstahl AISI 430 EN 1.4016

FW12  
alle Komponenten von austenitischem rostfreiem Stahl AISI 304 EN 1.4301


#### Bundschraube

Der Kragen Bolzens sind für alle Formen der Klemmung, die eine Dichtung perfekt bei mittleren und hohen Drücke erfordern angegeben. EINSATZBEREICHE: Landwirtschaft, Industrie und Bau WERKSTOFF: Ring: AISI 430 ferritischen Edelstahl EN 1.4016 Bolzen und Stangen: Stahl mit Zink-Beschichtung frei von sechswertiges Chrom

#### Zweiohrklemmen

Die ZWEIFOHREKLEMMEN sind ein System von wirtschaftlichen Verschärfung in wenigen Sekunden mit einem einfachen Greifer ziehen. WERKSTOFFEN: Stahl verzinkt mit einer Zinkschicht frei von sechswertiges Chrom.

#### Zurbänder Nylon

WERKSTOFF: Nylon 6.6 UL 94V-2 Temperaturen für die Installation von -40 °C bis +85 °C.  
ZERTIFIZIERUNG: UL file E 118226-  - MIL - S - 231 90E

#### Rohrschele mit Kunststoffeinnlage

Die Rohrschele mit Kunststoffeinnlage richtig, um das Rohr ziehen, sperren einzelne oder gruppierte Kabel verwendet. Sie sind mit bandförmigen gummierten Klappe gemacht. EINSATZBEREICHE: Automotive, Hydraulik (hydraulische und pneumatische Systeme, Kühlgeräte). WERKSTOFF: free verzinktem Stahl sechswertiges Chrom. ABSCHLUSS: nach DIN 3016 für standardisierte Abmessungen des Bandes und Bohren, Verstärkungsplatte eine größere Verwindungssteifigkeit und dem Anziehen der Befestigungsschraube, EPDM Abdeckungsgerüststellen.

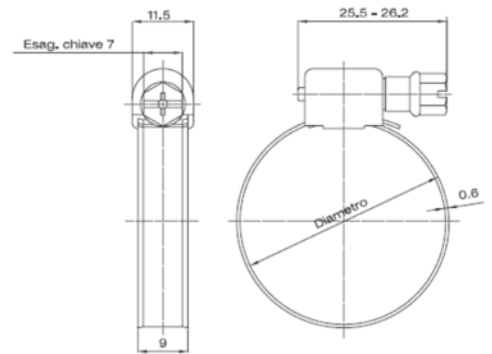
**FA 09**



**Fascetta stringitubo banda 9mm W2 AISI 430**

Clamp 9mm W2 AISI 430  
Schlauchschele 9mm W2 AISI 430

Codice/Code	Ø	
FA090711	07 - 11	100
FA090816	08 - 16	100
FA091017	10 - 17	100
FA091220	12 - 20	100
FA091525	15 - 25	100
FA091624	16 - 24	100
FA091627	16 - 27	100
FA091928	19 - 28	100
FA092032	20 - 32	100
FA092545	25 - 45	50
FA093250	32 - 50	50
FA094060	40 - 60	50
FA095070	50 - 70	100
FA096080	60 - 80	100
FA097090	70 - 90	100



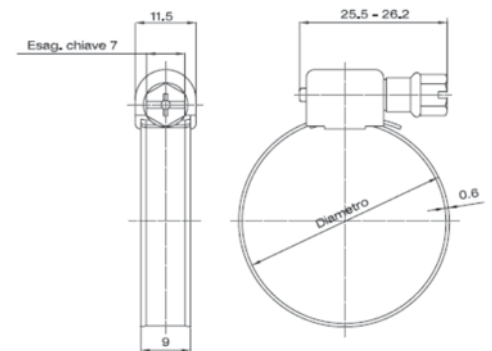
**FW 09**



**Fascetta stringitubo banda 9mm W4 AISI 304**

Clamp 9mm W4 AISI 304  
Schlauchschele 9mm W4 AISI 304

Codice/Code	Ø	
FW090816	08 - 16	10
FW091017	10 - 17	10
FW091220	12 - 20	10
FW091525	15 - 25	10
FW091624	16 - 24	10
FW091627	16 - 27	10
FW091928	19 - 28	10
FW092032	20 - 32	10
FW092545	25 - 45	10
FW093250	32 - 50	10
FW094060	40 - 60	10
FW095070	50 - 70	10
FW096080	60 - 80	10
FW097090	70 - 90	10



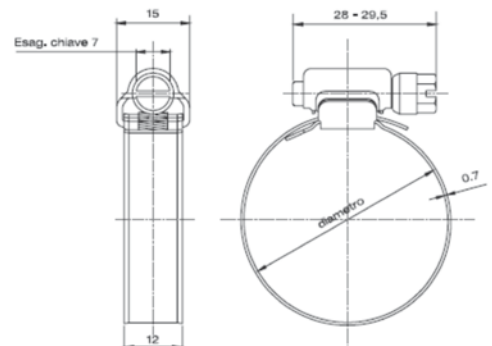
**FA 12**



**Fascetta stringitubo banda 12mm W2 AISI 430**

Clamp 12mm W2 AISI 430  
Schlauchschele 12mm W2 AISI 430

Codice/Code	Ø	
FA121525	15 - 25	10
FA121928	19 - 28	10
FA122032	20 - 32	10
FA122545	25 - 45	10
FA123250	32 - 50	10
FA124060	40 - 60	10
FA125070	50 - 70	10
FA126080	60 - 80	10
FA127090	70 - 90	10
FA128010	80 - 100	10
FA129011	90 - 110	10
FA121012	100 - 120	10
FA121113	110 - 130	10
FA121214	120 - 140	10
FA121315	130 - 150	10
FA121416	140 - 160	10
FA121618	160 - 180	10



# Fascette

## Clamps

## Schlauchschelle

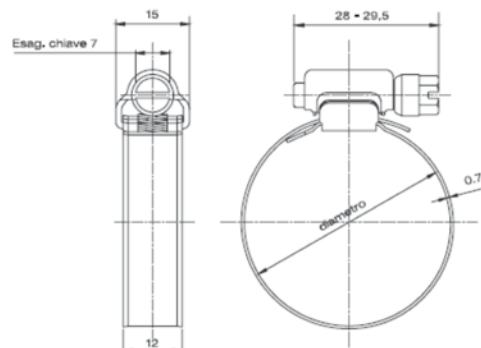
FW 12



### Fascetta stringitubo banda 12mm W4 AISI 304

Clamp 12mm W4 AISI 304  
Schlauchschellen 12mm W4 AISI 304

Codice/Code	Ø		
FW121525	15 - 25		10
FW121928	19 - 28		10
FW122032	20 - 32		10
FW122545	25 - 45		10
FW123250	32 - 50		10
FW124060	40 - 60		10
FW125070	50 - 70		10
FW126080	60 - 80		10
FW127090	70 - 90		10
FW128010	80 - 100		10
FW129011	90 - 110		10
FW121012	100 - 120		10
FW121113	110 - 130		10
FW121214	120 - 140		10
FW121315	130 - 150		10
FW121416	140 - 160		10
FW121618	160 - 180		10



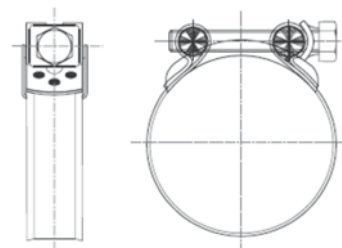
CA



### Collare a bullone W2 AISI 430

Clamp W2 AISI 430  
Schlauchschellen W2 AISI 430

Codice/Code	Ø	Vite/Screw	Largh. nastro Band width	
CA213235	32 - 35	M6	21x0.8	10
CA213639	36 - 39	M6	21x0.8	10
CA214043	40 - 43	M6	21x0.8	10
CA214447	44 - 47	M8	21x0.8	10
CA214851	48 - 51	M8	21x0.8	10
CA215255	52 - 55	M8	21x0.8	10
CA215659	56 - 59	M8	21x0.8	10
CA216063	60 - 63	M8	21x0.8	10
CA216467	64 - 67	M8	21x0.8	10
CA246873	68 - 73	M8	24x1.2	10
CA247479	74 - 79	M8	24x1.2	10
CA248085	80 - 85	M8	24x1.2	10
CA248691	86 - 91	M8	24x1.2	10
CA249297	92 - 97	M8	24x1.2	10
CA2498103	98 - 103	M8	24x1.2	10



FP



### Fascetta pinzabile in acciaio galvanizzato

Ear clip galvanized steel  
Zweihrklemmen Stahl galvanisiert


Codice/Code	Ø	Spess. nastro Band thickness	Largh. banda Banda width	
FP0709	07 - 09	0.8	6.0	100
FP0911	09 - 11	0.8	6.5	100
FP1113	11 - 13	0.9	6.5	100
FP1315	13 - 15	1.0	7.0	100
FP1518	15 - 18	1.2	7.5	100
FP1821	18 - 21	1.2	8.0	100

## FN



### Fascetta in nylon 6.6

Nylon 6.6 Cable ties  
Zurbänder Nylon 6.6

Codice/Code	Lunghezza Lengh	Larghezza Width	Ø max	
<b>FN10225NT</b>	102	2.5	19	sacch. 100 pz
<b>FN14025NT</b>	140	2.5	34	sacch. 100 pz
<b>FN16025NT</b>	160	2.5	40	sacch. 100 pz
<b>FN20225NT</b>	202	2.5	50	sacch. 100 pz
<b>FN14036NT</b>	140	3.6	34	sacch. 100 pz
<b>FN20236NT</b>	202	3.6	50	sacch. 100 pz
<b>FN30236NT</b>	302	3.6	77	sacch. 100 pz
<b>FN16048NT</b>	160	4.8	40	sacch. 100 pz
<b>FN20048NT</b>	200	4.8	50	sacch. 100 pz
<b>FN25048NT</b>	250	4.8	60	sacch. 100 pz
<b>FN28648NT</b>	286	4.8	75	sacch. 100 pz
<b>FN36848NT</b>	368	4.8	100	sacch. 100 pz
<b>FN42848NT</b>	428	4.8	115	sacch. 100 pz
<b>FN20276NT</b>	202	7.6	48	sacch. 100 pz
<b>FN29276NT</b>	292	7.6	75	sacch. 100 pz
<b>FN36876NT</b>	368	7.6	100	sacch. 100 pz
<b>FN45076NT</b>	450	7.6	125	sacch. 100 pz
<b>FN52590NT</b>	525	9	150	sacch. 100 pz
<b>FN79890NT</b>	798	9	230	sacch. 100 pz
<b>FN10225NR</b>	102	2.5	19	sacch. 100 pz
<b>FN14025NR</b>	140	2.5	34	sacch. 100 pz
<b>FN16025NR</b>	160	2.5	40	sacch. 100 pz
<b>FN20225NR</b>	202	2.5	50	sacch. 100 pz
<b>FN14036NR</b>	140	3.6	34	sacch. 100 pz
<b>FN20236NR</b>	202	3.6	50	sacch. 100 pz
<b>FN30236NR</b>	302	3.6	77	sacch. 100 pz
<b>FN16048NR</b>	160	4.8	40	sacch. 100 pz
<b>FN20048NR</b>	200	4.8	50	sacch. 100 pz
<b>FN25048NR</b>	250	4.8	60	sacch. 100 pz
<b>FN28648NR</b>	286	4.8	75	sacch. 100 pz
<b>FN36848NR</b>	368	4.8	100	sacch. 100 pz
<b>FN42848NR</b>	428	4.8	115	sacch. 100 pz
<b>FN20276NR</b>	202	7.6	48	sacch. 100 pz
<b>FN29276NR</b>	292	7.6	75	sacch. 100 pz
<b>FN36876NR</b>	368	7.6	100	sacch. 100 pz
<b>FN45076NR</b>	450	7.6	125	sacch. 100 pz
<b>FN52590NR</b>	525	9	150	sacch. 100 pz
<b>FN79890NR</b>	798	9	230	sacch. 100 pz

## PG



### Passacavi gommati W1

Fastening clamp W1  
Rohrschele mit Kunststoffeinlage

Codice/Code	Larghezza Width	Ø	Foro attacco standard Connection Hole
<b>PG120008</b>	12	8	5.3
<b>PG120010</b>	12	10	5.3
<b>PG120012</b>	12	12	5.3
<b>PG120015</b>	12	15	5.3
<b>PG150010</b>	15	10	6.4
<b>PG150015</b>	15	15	6.4
<b>PG150016</b>	15	16	6.4
<b>PG150020</b>	15	20	6.4
<b>PG150030</b>	15	30	6.4
<b>PG200010</b>	20	10	8.4
<b>PG200016</b>	20	16	8.4
<b>PG200020</b>	20	20	8.4
<b>PG200045</b>	20	45	8.4
<b>PG200050</b>	20	50	8.4

## Manometri e vuotometri a polmone bassa pressione

Gauges and vacuum gauges

Manometer und Vakuummeter

### Dati tecnici manometri - vuotometri a polmone

Gauges and vacuum gauges low pressure technical data

Technischen Daten der Manometer und Vakuummeter Niederdruck

#### Applicazioni

Misurano le basse pressioni dai 25 ai 600 mBar.

#### Descrizione

Manometro costruito secondo Norme UNI EN 837.3  
Cassa Cromata IP32 secondo IEC 529 dn 63 - 80 - 100 - 150 mm.  
Perno e movimento in OTTONE OT58 attacco RADIALE (ISO 228) quadrante in alluminio scale in mBar, lancetta in alluminio nera. Classe di precisione 1,6%

#### Esercizio

Pressione esercizio MAX 75% VFS x 15 min  
Sovrappressione NON AMMESSA  
Temperatura d'esercizio -10 + 60° C

#### Varianti

Scale Normalizzate Pressione o Vuoto 25; 40; 60; 100; 160; 250; 400; 600; 1000 mBar

#### Opzioni prodotto

Scale e/o attacchi personalizzati, loghi, settori colorati.  
Attacco Radiale ad ore 3/9/12.

#### Applications

Casing gauge for low pressure from 25 to 600 mBar.

#### Description

Made according UNI EN 837.3  
Steel Chromed plated case Casing gauge dial 63 - 80 - 100 - 150 mm.  
OT58 BRASS movement and pivot BOTTOM connection scale in mBar aluminum dial and index. Accuracy 1,6%

#### Working

Max working pressure 75% FSV for 15 min.  
Overpressure NOT ADMITTED  
Working temperature -10 +60° C (-4 +140° F)

#### Variants

Normalized range Pressure or Vacuum 25; 40; 60; 100; 160; 250; 400; 600; 1000 mBar

#### Product options

Customize range, scale or logo; colored sector.  
Bottom connection at 3/9/12 hours.

#### Anwendungen

Messung niedriger Drücke von 25 bis 600 mBar.

#### Beschreibung

Nach UNI EN 837,3 Bargeld Chrome IP32 nach IEC 529 dn gebaut Gauge 63 - 80 - 100 - 150 mm.  
OT58 Messingstift und Bewegung in Angriff RADIAL (ISO 228) wählen Aluminium-Leitern in mBar, Hand in schwarzem Aluminium. Genauigkeitsklasse 1,6%

#### Ausüben

Max. Betriebsdruck 75% VFS x 15 min  
Überdruck NICHT ZUGELASSEN  
Betriebstemperatur -10 + 60 ° C

#### Varianten

Skala normalisiert Druck oder Vakuum 25; 40; 60; 100; 160; 250; 400; 600; 1000 mBar

#### Produkt-Optionen

Skalen und / oder Anhänge individuelle Logos, farbigen Sektoren.  
Radial Anschluss an 3/9/12 Stunden.

## MP 50

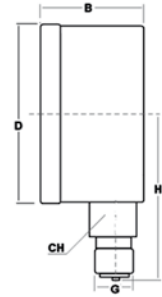


### Vuotometri a polmone bassa pressione

Vacuum casing gauges  
Vakuummeter

Codice/Code	Ø	Scala Range	Attacco" Connection"	Precisione Accuracy	📦
MP5063141000R	63	-1 ÷ 0	G1/4	CL1.6	1
MP5063140600R	63	-6 ÷ 0	G1/4	CL1.6	1
MP5063140400R	63	-4 ÷ 0	G1/4	CL1.6	1
MP5063140250R	63	-250 ÷ 0	G1/4	CL1.6	1
MP5063140100R	63	-100 ÷ 0	G1/4	CL1.6	1

Ø	B	D	H	G"	CH
63	43	65	32.5	G1/4	14



## MP 52

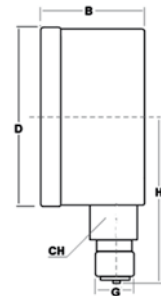


### Manometri a polmone bassa pressione

Casing gauge  
Manometer

Codice/Code	Ø	Scala Range	Attacco" Connection"	Precisione Accuracy	📦
MP5263140040R	63	0 ÷ 40	G1/4	CL1.6	1
MP5263140060R	63	0 ÷ 60	G1/4	CL1.6	1
MP5263140100R	63	0 ÷ 100	G1/4	CL1.6	1
MP5263140160R	63	0 ÷ 160	G1/4	CL1.6	1
MP5263140250R	63	0 ÷ 250	G1/4	CL1.6	1
MP5263140400R	63	0 ÷ 400	G1/4	CL1.6	1
MP5263140600R	63	0 ÷ 600	G1/4	CL1.6	1
MP5263141000R	63	0 ÷ 1000	G1/4	CL1.6	1

Ø	B	D	H	G"	CH
63	43	65	32.5	G1/4	14





# Manometri e vuotometri cassa metallica

Gauges and vacuum gauges steel case

Manometer und Vakuummeter Stahl Gehäuse

## Dati tecnici manometri a secco attacco posteriore (serie MN60)

Gauges center back connection technical data (MN60 series)

Technischen Daten der Manometer zuruck Angriff (Serie MN60)

### Applicazioni

Per aria o acqua adatti a tutti gli impieghi dove non ci sono agenti corrosivi.  
Pneumatica, idraulica, condizionamento, medicali.

### Descrizione

Manometro costruito secondo Norme UNI EN 837.1 Cassa Metallica Verniciata NERA IP55 dn 40 - 50 - 63 mm. Trasparente in Plexiglass. Perno e movimento in OTTONE attacco POSTERIORE (ISO 228 - ISO 7/1). Quadrante in alluminio fondo bianco scala BAR nera e PSI rossa (doppia scala esclusi mano vuotometri). Classe di precisione 2,5 - 1,6% Lancetta in Alluminio.

### Esercizio

Temperatura d'esercizio -10 / +60 °C  
Sovrappressione 25% fino a 60 bar, 15% oltre

### Varianti

Scale Normalizzate: Vuotometro -1 / 0 Bar+CmHg;  
Manovuotometro -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

### Opzioni prodotto

Filetto NPT ANSI B.1.20.1, Cassa Inox AISI 304 o cromata, Sgrassatura uso ossigeno, scale e/o attacchi personalizzati, loghi, settori colorati, lancetta rossa ISPEL di riferimento, saldatura forte per alte temperature.

### Applications

Suitable for all process gaseous and liquid don't attack copper alloy parts. Pneumatics, Heating, ventilation, air-conditioning, Medical engineering.

### Description

Pressure gauge made according UNI EN 837.1 norms BLACK steel case dial 40 - 50 - 63 mm.  
BRASS movement and pivot BACK (ISO 228 - ISO 7/1) connection. Aluminum dial white background black BAR scale and red PSI one (double scale except compound gauge). Accuracy 2.5 - 1.6% - Aluminum index.

### Working

Operating temperature +14 / +140 °F  
Overpressure 25% until 60 bar, 15% over

### Variants

Normalized scale: gauge compound -1 / 0 Bar+CmHg;  
Water pressure gauge -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

### Product options

NPT ANSI B.1.20.1 thread, Clean for oxygen service, customize range, scale or logo; Colored sector, red index, welding for high temperature.

### Anwendungen

Für Luft oder Wasser geeignet für alle Anwendungen, bei denen es ätzend.  
Pneumatik, Hydraulik, Klimaanlage, medical.

### Beschreibung

Gebaut nach UNI EN 837.1, Bargeld Metallica SCHWARZ lackiert IP55 dn 40 - 50 - 63 mm. Transparent Plexiglas. Stift und Bewegung in MESSING. Angriff ZURÜCK (ISO 228 - ISO 7/1). Wählen Sie aus Aluminium unten, Maßstab BAR schwarz und rot PSI (zwei Skalen Vakuummeter ausgeschlossen). Genauigkeitsklasse 2,5 auf 1,6% - Hand aus Aluminium.

### Betriebs

Betriebstemperatur -10 / +60 °C  
Überdruck bis 60 bar, mehr als 15%

### Varianten

Maßstab normalisierten Vakuummeter -1 / 0 Bar+CmHg;  
Mano- Vakuummeter -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 nur bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

### Produkt-Optionen

NPR ANSI B.1.20.1 Gewinde, Edelstahl AISI 304 bar oder Chrom oder Entfetten verwendet Sauerstoff, Treppen und / oder Anhänge individuelle Logos, Felder rot gefärbt Hand ISPEL, starke Schweißen für Hochtemperaturanwendungen.

## MN 60

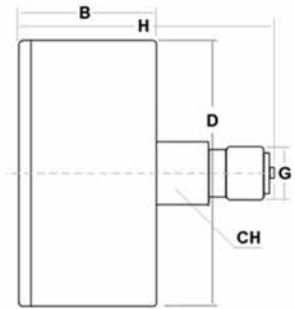


### Manometri a secco attacco posteriore

Gauges center back connection  
Manometer zuruck Angriff

Code/Code	Ø	Scala (bar) Range	Attacco" Connection"	Precisione Accuracy	📦
VUOTOMETRO - VACUUM GAUGE - Vakuummeter					
<b>MN604018099P</b>	40	-1 ÷ 0	R1/8	CL2.5	1
MANOMETRI - GAUGES - Manometer					
<b>MN604018001P</b>	40	0 ÷ 1	R1/8	CL2.5	1
<b>MN604018106P</b>	40	0 ÷ 1.6	R1/8	CL2.5	1
<b>MN604018205P</b>	40	0 ÷ 2.5	R1/8	CL2.5	1
<b>MN604018004P</b>	40	0 ÷ 4	R1/8	CL2.5	1
<b>MN604018006P</b>	40	0 ÷ 6	R1/8	CL2.5	1
<b>MN604018010P</b>	40	0 ÷ 10	R1/8	CL2.5	1
<b>MN604018012P</b>	40	0 ÷ 12	R1/8	CL2.5	1
<b>MN604018016P</b>	40	0 ÷ 16	R1/8	CL2.5	1
<b>MN604018025P</b>	40	0 ÷ 25	R1/8	CL2.5	1
<b>MN604018040P</b>	40	0 ÷ 40	R1/8	CL2.5	1
<b>MN604018060P</b>	40	0 ÷ 60	R1/8	CL2.5	1
<b>MN604018100P</b>	40	0 ÷ 100	R1/8	CL2.5	1
<b>MN604018160P</b>	40	0 ÷ 160	R1/8	CL2.5	1
VUOTOMETRO - VACUUM GAUGE - Vakuummeter					
<b>MN605018099P</b>	50	-1 ÷ 0	R1/8	CL2.5	1
MANOMETRI - GAUGES - Manometer					
<b>MN605018001P</b>	50	0 ÷ 1	R1/8	CL2.5	1
<b>MN605018106P</b>	50	0 ÷ 1.6	R1/8	CL2.5	1
<b>MN605018205P</b>	50	0 ÷ 2.5	R1/8	CL2.5	1
<b>MN605018004P</b>	50	0 ÷ 4	R1/8	CL2.5	1
<b>MN605018006P</b>	50	0 ÷ 6	R1/8	CL2.5	1
<b>MN605018010P</b>	50	0 ÷ 10	R1/8	CL2.5	1
<b>MN605018012P</b>	50	0 ÷ 12	R1/8	CL2.5	1
<b>MN605018016P</b>	50	0 ÷ 16	R1/8	CL2.5	1
VUOTOMETRO - VACUUM GAUGE - Vakuummeter					
<b>MN605014099P</b>	50	-1 ÷ 0	R1/4	CL2.5	1
MANOMETRI - GAUGES - Manometer					
<b>MN605014001P</b>	50	0 ÷ 1	R1/4	CL2.5	1
<b>MN605014106P</b>	50	0 ÷ 1.6	R1/4	CL2.5	1
<b>MN605014205P</b>	50	0 ÷ 2.5	R1/4	CL2.5	1
<b>MN605014004P</b>	50	0 ÷ 4	R1/4	CL2.5	1
<b>MN605014006P</b>	50	0 ÷ 6	R1/4	CL2.5	1
<b>MN605014010P</b>	50	0 ÷ 10	R1/4	CL2.5	1
<b>MN605014012P</b>	50	0 ÷ 12	R1/4	CL2.5	1
<b>MN605014016P</b>	50	0 ÷ 16	R1/4	CL2.5	1
<b>MN605014025P</b>	50	0 ÷ 25	R1/4	CL2.5	1
VUOTOMETRO - VACUUM GAUGE - Vakuummeter					
<b>MN606314099P</b>	63	-1 ÷ 0	G1/4	CL2.5	1
MANOMETRI - GAUGES - Manometer					
<b>MN606314001P</b>	63	0 ÷ 1	G1/4	CL2.5	1
<b>MN606314106P</b>	63	0 ÷ 1.6	G1/4	CL2.5	1
<b>MN606314205P</b>	63	0 ÷ 2.5	G1/4	CL2.5	1
<b>MN606314004P</b>	63	0 ÷ 4	G1/4	CL2.5	1
<b>MN606314006P</b>	63	0 ÷ 6	G1/4	CL2.5	1
<b>MN606314010P</b>	63	0 ÷ 10	G1/4	CL2.5	1
<b>MN606314012P</b>	63	0 ÷ 12	G1/4	CL2.5	1
<b>MN606314016P</b>	63	0 ÷ 16	G1/4	CL2.5	1
<b>MN606314025P</b>	63	0 ÷ 25	G1/4	CL2.5	1
<b>MN606314040P</b>	63	0 ÷ 40	G1/4	CL2.5	1
<b>MN606314060P</b>	63	0 ÷ 60	G1/4	CL2.5	1
<b>MN606314100P</b>	63	0 ÷ 100	G1/4	CL2.5	1
<b>MN606314160P</b>	63	0 ÷ 160	G1/4	CL2.5	1
<b>MN606314250P</b>	63	0 ÷ 250	G1/4	CL2.5	1
<b>MN606314315P</b>	63	0 ÷ 315	G1/4	CL2.5	1
<b>MN606314400P</b>	63	0 ÷ 400	G1/4	CL2.5	1

Ø	B	D	H	G"	CH	Kg
40	22	41	40	R1/8	11	0.052
50	27	51.5	51	R1/4	14	0.09
50	27	51.5	44	R1/8	14	0.086
63	22	62	49	G1/4	14	0.102



## Manometri e vuotometri cassa metallica

Gauges and vacuum gauges steel case

Manometer und Vakuummeter Stahl Gehäuse

### Dati tecnici manometri a secco attacco posteriore con flangia 3 fori (serie MN62)

Gauges center back connection with 3 holes flange technical data (MN62 series)

Technischen Daten der Manometer zuruck Angriff mit Frontring (Serie MN62)

#### Applicazioni

Per aria o acqua adatti a tutti gli impieghi dove non ci sono agenti corrosivi.  
Pneumatica, idraulica, condizionamento, medicali.

#### Descrizione

Manometro costruito secondo Norme UNI EN 837.1 Cassa Metallica Verniciata NERA IP55 dn 40 - 50 - 63 mm trasparente in Plexiglass. Perno e movimento in OTTONE attacco POSTERIORE con FLANGIA (ISO 228 - ISO 7/1) Quadrante in alluminio fondo bianco scala BAR nera e PSI rossa (doppia scala esclusi mano vuotometri). Classe di precisione 2,5 - 1,6% - Lancetta in Alluminio.

#### Esercizio

Temperatura d'esercizio -10 / +60 °C  
Sovrappressione 25% fino a 60 bar, 15% oltre

#### Varianti

Scale Normalizzate: Vuotometro -1 / 0 Bar + CmHg; Manovuotometro -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Opzioni prodotto

Filetto NPT ANSI B.1.20.1, Cassa Inox AISI 304 o Cromata, Sgrassati per uso ossigeno, scale e/o attacchi personalizzati, loghi, settori colorati, lancetta rossa ISPEL di riferimento, saldatura forte per alte temperature.

#### Applications

Suitable for all process gaseous and liquid don't attack copper alloy parts. Pneumatics, Heating, ventilation, air-conditioning, Medical engineering.

#### Description

Pressure gauge made according UNI EN 837.1 norms BLACK steel case dial 40 - 50 - 63 mm.  
BRASS movement and pivot BACK (ISO 228 - ISO 7/1) connection with panel FLANGE - Aluminum dial White background Black BAR scale and Red PSI one (double scale except compound gauge) - Accuracy 2,5 - 1,6% - Aluminum index.

#### Working

Operating temperature +14 / +140 °F  
Overpressure 25% until 60 bar, 15% over

#### Variants

Normalized scale: gauge compound -1 / 0 Bar + CmHg; Water pressure gauge -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 Bar only; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Product options

NPT ANSI B.1.20.1 thread, Clean for oxygen service, customize range, scale or logo; Colored sector, red index, welding for high temperature.

#### Anwendungen

Für Luft oder Wasser geeignet für alle Anwendungen, bei denen es ätzend.  
Pneumatik, Hydraulik, Klimaanlage, medical.

#### Beschreibung

Gebaut nach UNI EN 837.1, Bargeld Metallica SCHWARZ lackiert IP55 dn 40 - 50 - 63 mm. Transparente Plexiglas. Stift und Bewegung in MESSING. ZURÜCK Angriff mit Flansch (ISO 228 - ISO 7/1). Zifferblatt Aluminium weiß, Skale BAR schwarz und rot PSI (zwei Skalen Vakuummeter ausgeschlossen). Genauigkeitsklasse 2,5 auf 1,6% - Hand aus Aluminium.

#### Betriebs

Betriebstemperatur -10 / +60 °C  
Überdruck bis 60 bar, mehr als 15%

#### Varianten

Maßstab normalisierten Vakuummeter -1 / 0 Bar + CmHg; Manovuotometer -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 nur Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Produkt-Optionen

NPT ANSI B.1.20.1 Gewinde, Edelstahl AISI 304 bar oder Chrom oder Entfetten verwendet Sauerstoff, Treppen und / oder Anhänge individuelle Logos, Felder rot gefärbt Hand ISPEL, starke Schweißen für Hochtemperaturanwendungen.

### MN 62



#### Manometri a secco attacco posteriore con flangia 3 fori

Gauges center back connection with 3 holes flange  
Manometer zuruck Angriff mit Frontring

Ø	B	D	D1	D2	H	G"	CH	Kg
40	22	41	60.5	43	40	R1/8	11	0.074
50	27	51	73	53	51	R1/4	14	0.102
50	27	51	73	53	51	R1/8	14	0.102
63	22	62	82.5	63.5	49	G1/4	14	0.145

Codice/Code	Ø	Scala (bar) Range	Attacco" Connection"	Precisione Accuracy	
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#### VUOTOMETRO - VACUUM GAUGE - Vakuummeter

<b>MN624018099PF</b>	40	-1 ÷ 0	R1/8	CL2.5	1
MANOMETRI - GAUGES - Manometer					
<b>MN624018001PF</b>	40	0 ÷ 1	R1/8	CL2.5	1
<b>MN624018106PF</b>	40	0 ÷ 1.6	R1/8	CL2.5	1
<b>MN624018205PF</b>	40	0 ÷ 2.5	R1/8	CL2.5	1
<b>MN624018004PF</b>	40	0 ÷ 4	R1/8	CL2.5	1
<b>MN624018006PF</b>	40	0 ÷ 6	R1/8	CL2.5	1
<b>MN624018010PF</b>	40	0 ÷ 10	R1/8	CL2.5	1
<b>MN624018012PF</b>	40	0 ÷ 12	R1/8	CL2.5	1
<b>MN624018016PF</b>	40	0 ÷ 16	R1/8	CL2.5	1
<b>MN624018025PF</b>	40	0 ÷ 25	R1/8	CL2.5	1
<b>MN624018040PF</b>	40	0 ÷ 40	R1/8	CL2.5	1
<b>MN624018060PF</b>	40	0 ÷ 60	R1/8	CL2.5	1
<b>MN624018100PF</b>	40	0 ÷ 100	R1/8	CL2.5	1
<b>MN624018160PF</b>	40	0 ÷ 160	R1/8	CL2.5	1

#### VUOTOMETRO - VACUUM GAUGE - Vakuummeter

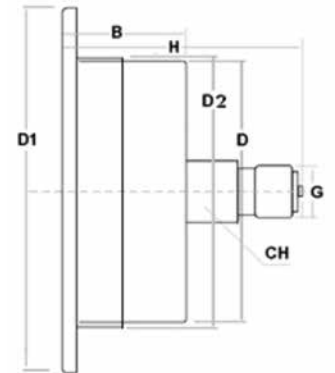
<b>MN625018099PF</b>	50	-1 ÷ 0	R1/8	CL2.5	1
MANOMETRI - GAUGES - Manometer					
<b>MN625018001PF</b>	50	0 ÷ 1	R1/8	CL2.5	1
<b>MN625018106PF</b>	50	0 ÷ 1.6	R1/8	CL2.5	1
<b>MN625018205PF</b>	50	0 ÷ 2.5	R1/8	CL2.5	1
<b>MN625018004PF</b>	50	0 ÷ 4	R1/8	CL2.5	1
<b>MN625018006PF</b>	50	0 ÷ 6	R1/8	CL2.5	1
<b>MN625018010PF</b>	50	0 ÷ 10	R1/8	CL2.5	1
<b>MN625018012PF</b>	50	0 ÷ 12	R1/8	CL2.5	1
<b>MN625018016PF</b>	50	0 ÷ 16	R1/8	CL2.5	1

#### VUOTOMETRO - VACUUM GAUGE - Vakuummeter

<b>MN625014099PF</b>	50	-1 ÷ 0	R1/4	CL2.5	1
MANOMETRI - GAUGES - Manometer					
<b>MN625014001PF</b>	50	0 ÷ 1	R1/4	CL2.5	1
<b>MN625014106PF</b>	50	0 ÷ 1.6	R1/4	CL2.5	1
<b>MN625014205PF</b>	50	0 ÷ 2.5	R1/4	CL2.5	1
<b>MN625014004PF</b>	50	0 ÷ 4	R1/4	CL2.5	1
<b>MN625014006PF</b>	50	0 ÷ 6	R1/4	CL2.5	1
<b>MN625014010PF</b>	50	0 ÷ 10	R1/4	CL2.5	1
<b>MN625014012PF</b>	50	0 ÷ 12	R1/4	CL2.5	1
<b>MN625014016PF</b>	50	0 ÷ 16	R1/4	CL2.5	1
<b>MN625014025PF</b>	50	0 ÷ 25	R1/4	CL2.5	1

#### VUOTOMETRO - VACUUM GAUGE - Vakuummeter

<b>MN626314099PF</b>	63	-1 ÷ 0	G1/4	CL2.5	1
MANOMETRI - GAUGES - Manometer					
<b>MN626314001PF</b>	63	0 ÷ 1	G1/4	CL2.5	1
<b>MN626314106PF</b>	63	0 ÷ 1.6	G1/4	CL2.5	1
<b>MN626314205PF</b>	63	0 ÷ 2.5	G1/4	CL2.5	1
<b>MN626314004PF</b>	63	0 ÷ 4	G1/4	CL2.5	1
<b>MN626314006PF</b>	63	0 ÷ 6	G1/4	CL2.5	1
<b>MN626314010PF</b>	63	0 ÷ 10	G1/4	CL2.5	1
<b>MN626314012PF</b>	63	0 ÷ 12	G1/4	CL2.5	1
<b>MN626314016PF</b>	63	0 ÷ 16	G1/4	CL2.5	1
<b>MN626314025PF</b>	63	0 ÷ 25	G1/4	CL2.5	1
<b>MN626314040PF</b>	63	0 ÷ 40	G1/4	CL2.5	1
<b>MN626314060PF</b>	63	0 ÷ 60	G1/4	CL2.5	1
<b>MN626314100PF</b>	63	0 ÷ 100	G1/4	CL2.5	1
<b>MN626314160PF</b>	63	0 ÷ 160	G1/4	CL2.5	1
<b>MN626314250PF</b>	63	0 ÷ 250	G1/4	CL2.5	1
<b>MN626314315PF</b>	63	0 ÷ 315	G1/4	CL2.5	1
<b>MN626314400PF</b>	63	0 ÷ 400	G1/4	CL2.5	1



## Manometri e vuotometri cassa metallica

Gauges and vacuum gauges steel case

Manometer und Vakuummeter Stahl Gehäuse

### Dati tecnici manometri a secco attacco posteriore con staffa (serie MN64)

Gauges center back connection with clamp technical data (MN64 series)

Technischen Daten der Manometer zuruck Angriff für Paneeleinbau (Serie MN64)

#### Applicazioni

Per aria o acqua adatti a tutti gli impieghi dove non ci sono agenti corrosivi.  
Pneumatica, idraulica, condizionamento, medicali.

#### Descrizione

Manometro costruito secondo Norme UNI EN 837.1 Cassa Metallica Verniciata NERA  
IP55 dn 40 - 50 - 63 mm trasparente in Plexiglass. Anello cromato, Perno e movimento in OTTONE attacco POSTERIORE con STAFFA (ISO 228 - ISO 7/1) Quadrante in alluminio fondo bianco scala BAR nera e PSI rossa (doppia scala esclusi mano vuotometri). Classe di precisione 2,5 - 1,6% - Lancetta in Alluminio.

#### Esercizio

Temperatura d'esercizio -10 / +60 °C  
Sovrappressione 25% fino a 60 bar, 15% oltre

#### Varianti

Scale Normalizzate: Vuotometro -1 / 0 Bar+CmHg; Manovuotometro -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Opzioni prodotto

Filetto NPT ANSI B.1.20.1, Cassa Inox AISI 304 o Cromata, Sgrassati per uso ossigeno, scale e/o attacchi personalizzati, loghi, settori colorati, lancetta rossa ISPEL di riferimento, saldatura forte per alte temperature.

#### Applications

Suitable for all process gaseous and liquid don't attack copper alloy parts. Pneumatics, Heating, ventilation, air-conditioning, Medical engineering.

#### Description

Pressure gauge made according UNI EN 837.1 norms BLACK steel case dial  
40 - 50 - 63 mm. Plexiglas windows, Chromed plated ring, BRASS movement and pivot BACK (ISO 228 - ISO 7/1) connection with U-CLAMP - Aluminum dial White background Black BAR scale and Red PSI one (double scale except compoud gauge) - Accuracy 2,5 - 1,6% - Aluminum index.

#### Working

Operating temperature +14 / +140 °F  
Overpressure 25% until 60 bar, 15% over

#### Variants

Normalized scale: gauge compound -1 / 0 Bar+CmHg; Water pressure gauge -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Product options

NPT ANSI B.1.20.1 thread, GLASS windows, Clean for oxygen service, customize range, scale or logo; Colored sector, red index, welding for high temperature.

#### Anwendungen

Für Luft oder Wasser geeignet für alle Anwendungen, bei denen es ätzend.  
Pneumatik, Hydraulik, Klimaanlage, medical.

#### Beschreibung

Gebaut nach UNI EN 837.1, Bargeld Metallica SCHWARZ lackiert IP55 dn 40 - 50 - 63 mm. Transparent Plexiglas. Stift und Bewegung in MESSING.  
ZURÜCK Angriff mit Paneeleinbau (ISO 228 - ISO 7/1). Wählen Aluminium weiß, Maßstab BAR schwarz, rot für PSI (zwei Skalen Vakuummeter ausgeschlossen). Genauigkeitsklasse 2,5 auf 1,6% - Hand aus Aluminium.

#### Betriebs

Betriebstemperatur -10 / +60 °C  
Überdruck bis 60 bar, mehr als 15%

#### Varianten

Maßstab normalisierten Vakuummeter -1 / 0 Bar+CmHg; Manovuotometer -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 nur Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + PSI

#### Produkt-Optionen

NPT ANSI B.1.20.1 Gewinde, Edelstahl AISI 304 bar oder Chrom, Entfetten Verwendung Sauerstoff, Treppen und / oder Anhänger individuelle Logos, farbigen Sektoren, rot gefärbt Hand ISPEL, starke Schweißen für Hochtemperaturanwendungen.

## MN 64



### Manometri a secco attacco posteriore con staffa

Gauges center back connection with clamp  
Manometer zuruck Angriff für Paneleinbau

Ø	B	D	D1	H	G"	CH		Kg
40	25	39	43.3	41	R1/8	11		0.099
50	29	52	57	52	R1/4	14		0.145
63	29	62	68	50	G1/4	14		0.174

Codice/Code	Ø	Scala (bar) Range	Attacco" Connection"	Precisione Accuracy	
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VUOTOMETRO - VACUUM GAUGE - Vakuummeter

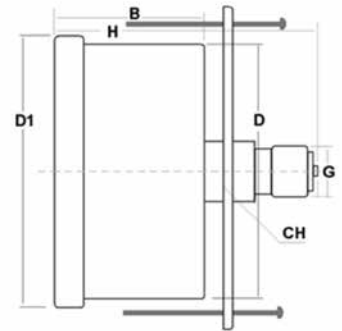
<b>MN644018099PS</b>	40	-1 ÷ 0	R1/8	CL2.5	1
MANOMETRI - GAUGES - Manometer					
<b>MN644018001PS</b>	40	0 ÷ 1	R1/8	CL2.5	1
<b>MN644018106PS</b>	40	0 ÷ 1.6	R1/8	CL2.5	1
<b>MN644018205PS</b>	40	0 ÷ 2.5	R1/8	CL2.5	1
<b>MN644018004PS</b>	40	0 ÷ 4	R1/8	CL2.5	1
<b>MN644018006PS</b>	40	0 ÷ 6	R1/8	CL2.5	1
<b>MN644018010PS</b>	40	0 ÷ 10	R1/8	CL2.5	1
<b>MN644018012PS</b>	40	0 ÷ 12	R1/8	CL2.5	1
<b>MN644018016PS</b>	40	0 ÷ 16	R1/8	CL2.5	1

VUOTOMETRO - VACUUM GAUGE - Vakuummeter

<b>MN645014099PS</b>	50	-1 ÷ 0	R1/4	CL2.5	1
MANOMETRI - GAUGES - Manometer					
<b>MN645014001PS</b>	50	0 ÷ 1	R1/4	CL2.5	1
<b>MN645014106PS</b>	50	0 ÷ 1.6	R1/4	CL2.5	1
<b>MN645014205PS</b>	50	0 ÷ 2.5	R1/4	CL2.5	1
<b>MN645014004PS</b>	50	0 ÷ 4	R1/4	CL2.5	1
<b>MN645014006PS</b>	50	0 ÷ 6	R1/4	CL2.5	1
<b>MN645014010PS</b>	50	0 ÷ 10	R1/4	CL2.5	1
<b>MN645014012PS</b>	50	0 ÷ 12	R1/4	CL2.5	1
<b>MN645014016PS</b>	50	0 ÷ 16	R1/4	CL2.5	1
<b>MN645014025PS</b>	50	0 ÷ 25	R1/4	CL2.5	1

VUOTOMETRO - VACUUM GAUGE - Vakuummeter

<b>MN646314099PS</b>	63	-1 ÷ 0	G1/4	CL2.5	1
MANOMETRI - GAUGES - Manometer					
<b>MN646314001PS</b>	63	0 ÷ 1	G1/4	CL2.5	1
<b>MN646314106PS</b>	63	0 ÷ 1.6	G1/4	CL2.5	1
<b>MN646314205PS</b>	63	0 ÷ 2.5	G1/4	CL2.5	1
<b>MN646314004PS</b>	63	0 ÷ 4	G1/4	CL2.5	1
<b>MN646314006PS</b>	63	0 ÷ 6	G1/4	CL2.5	1
<b>MN646314010PS</b>	63	0 ÷ 10	G1/4	CL2.5	1
<b>MN646314012PS</b>	63	0 ÷ 12	G1/4	CL2.5	1
<b>MN646314016PS</b>	63	0 ÷ 16	G1/4	CL2.5	1





## Manometri e vuotometri cassa metallica

Gauges and vacuum gauges steel case

Manometer und Vakuummeter Stahl Gehäuse

### Dati tecnici manometri a secco attacco radiale (serie MN65)

Gauges bottom connection technical data (MN65 series)

Technischen Daten der Manometer radial Angriff (Serie MN65)

#### Applicazioni

Per aria o acqua adatti a tutti gli impieghi dove non ci sono agenti corrosivi.  
Pneumatica, idraulica, condizionamento, medicali.

#### Descrizione

Manometro costruito secondo Norme UNI EN 837.1 Cassa Metallica Verniciata NERA IP55 dn 40 - 50 - 63 - 80 - 100 mm trasparente in Plexiglass. Perno e movimento in OTTONE attacco RADIALE (ISO 228 - ISO 7/1) Quadrante in alluminio fondo bianco scala BAR nera e PSI rossa (doppia scala esclusi mano vuotometri). Classe di precisione 2,5 - 1,6%. Lancetta in Alluminio.

#### Esercizio

Temperatura d'esercizio -10 / +60 °C  
Sovrappressione 25% fino a 60 bar, 15% oltre

#### Varianti

Scale Normalizzate: Vuotometro -1 / 0 Bar+CmHg; Manovuotometro -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Opzioni prodotto

Filetto NPT ANSI B.1.20.1, Cassa Inox AISI 304 o Cromata, Sgrassati per uso ossigeno, scale e/o attacchi personalizzati, loghi, settori colorati, lancetta rossa ISPESL di riferimento, saldatura forte per alte temperature. Attacco radiale ad ore 3/9/12.

#### Applications

Suitable for all process gaseous and liquid don't attack copper alloy parts. Pneumatics, Heating, ventilation, air-conditioning, Medical engineering.

#### Description

Pressure gauge made according UNI EN 837.1 norms BLACK steel case dial 40 - 50 - 63 - 80 - 100 mm. BRASS movement and pivot BOTTOM (ISO 228 - ISO 7/1) connection - Aluminum dial White background Black BAR scale and Red PSI one (double scale except compound gauge)  
Accuracy 2,5 - 1,6% - Aluminum index.

#### Working

Operating temperature +14 / +140 °F  
Overpressure 25% until 60 bar, 15% over

#### Variants

Normalized scale: gauge compound -1 / 0 Bar+CmHg; Water pressure gauge -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Product options

NPT threads ANSI B.1.20.1, Case Stainless steel AISI 304 or Chrome, Degreased for oxygen, scale and / or personalized attacks, logos, colored sectors, hard welding for high-temperature bottom connection at 3 / 9 / 12 hours.

#### Anwendungen

Für Luft oder Wasser geeignet für alle Anwendungen, bei denen es ätzend.  
Pneumatik, Hydraulik, Klimaanlage, medical.

#### Beschreibung

Gebaut nach UNI EN 837.1, Bargeld Metallica SCHWARZ lackiert IP55 dn 40 - 50 - 63 - 80 - 100 mm. Transparent Plexiglas. Stift und Bewegung in MESSING. ZURÜCK Angriff (ISO 228 - ISO 7/1). Wählen Aluminium weiß, Maßstab BAR schwarz, rot für PSI (zwei Skalen Vakuummeter ausgeschlossen). Genauigkeitsklasse 2,5 auf 1,6%. - Hand aus Aluminium.

#### Betriebs

Betriebstemperatur -10 / +60 °C  
Überdruck bis 60 bar, mehr als 15%

#### Varianten

Maßstab normalisierten Vakuummeter -1 / 0 Bar+CmHg; Manovuotometer -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 nur Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Produkt-Optionen

NPT ANSI B.1.20.1 Gewinde, Edelstahl AISI 304 bar oder Chrom, Entfetten Verwendung Sauerstoff, Treppen und / oder Anhänge individuelle Logos, farbigen Sektoren, rot gefärbt Hand ISPESL, starke Schweißen für Hochtemperaturanwendungen. Radial Angriff 3/9/12 Stunden.

### MN 65



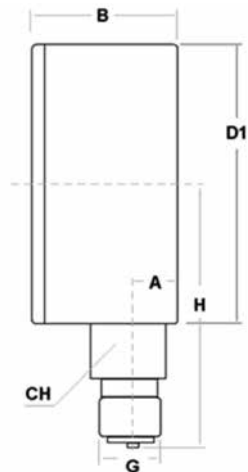
#### Manometri a secco attacco radiale

Gauges bottom connection  
Manometer radial Angriff

Codice/Code	Ø	Scala (bar) Range	Attacco" Connection"	Precisione Accuracy	
VUOTOMETRO - VACUUM GAUGE - Vakuummeter					
<b>MN654018099R</b>	40	-1 ÷ 0	R1/8	CL2.5	1
MANOMETRI - GAUGES - Manometer					
<b>MN654018001R</b>	40	0 ÷ 1	R1/8	CL2.5	1
<b>MN654018106R</b>	40	0 ÷ 1.6	R1/8	CL2.5	1
<b>MN654018205R</b>	40	0 ÷ 2.5	R1/8	CL2.5	1
<b>MN654018004R</b>	40	0 ÷ 4	R1/8	CL2.5	1
<b>MN654018006R</b>	40	0 ÷ 6	R1/8	CL2.5	1
<b>MN654018010R</b>	40	0 ÷ 10	R1/8	CL2.5	1
<b>MN654018012R</b>	40	0 ÷ 12	R1/8	CL2.5	1
<b>MN654018016R</b>	40	0 ÷ 16	R1/8	CL2.5	1
<b>MN654018025R</b>	40	0 ÷ 25	R1/8	CL2.5	1
<b>MN654018040R</b>	40	0 ÷ 40	R1/8	CL2.5	1
<b>MN654018060R</b>	40	0 ÷ 60	R1/8	CL2.5	1
<b>MN654018100R</b>	40	0 ÷ 100	R1/8	CL2.5	1
<b>MN654018160R</b>	40	0 ÷ 160	R1/8	CL2.5	1
<b>MN654018250R</b>	40	0 ÷ 250	R1/8	CL2.5	1
VUOTOMETRO - VACUUM GAUGE - Vakuummeter					
<b>MN655014099R</b>	50	-1 ÷ 0	R1/4	CL2.5	1
MANOMETRI - GAUGES - Manometer					
<b>MN655014001R</b>	50	0 ÷ 1	R1/4	CL2.5	1
<b>MN655014106R</b>	50	0 ÷ 1.6	R1/4	CL2.5	1
<b>MN655014205R</b>	50	0 ÷ 2.5	R1/4	CL2.5	1
<b>MN655014004R</b>	50	0 ÷ 4	R1/4	CL2.5	1
<b>MN655014006R</b>	50	0 ÷ 6	R1/4	CL2.5	1
<b>MN655014010R</b>	50	0 ÷ 10	R1/4	CL2.5	1
<b>MN655014012R</b>	50	0 ÷ 12	R1/4	CL2.5	1
<b>MN655018012R</b>	50	0 ÷ 12	R1/8	CL2.5	1
<b>MN655014016R</b>	50	0 ÷ 16	R1/4	CL2.5	1
<b>MN655014025R</b>	50	0 ÷ 25	R1/4	CL2.5	1
<b>MN655014040R</b>	50	0 ÷ 40	R1/4	CL2.5	1
<b>MN655014060R</b>	50	0 ÷ 60	R1/4	CL2.5	1
<b>MN655014100R</b>	50	0 ÷ 100	R1/4	CL2.5	1
<b>MN655014160R</b>	50	0 ÷ 160	R1/4	CL2.5	1
<b>MN655014250R</b>	50	0 ÷ 250	R1/4	CL2.5	1
VUOTOMETRO - VACUUM GAUGE - Vakuummeter					
<b>MN656314099R</b>	63	-1 ÷ 0	G1/4	CL1.6	1
MANOMETRI - GAUGES - Manometer					
<b>MN656314066R</b>	63	0 ÷ 0.6	G1/4	CL1.6	1
<b>MN656314001R</b>	63	0 ÷ 1	G1/4	CL1.6	1
<b>MN656314106R</b>	63	0 ÷ 1.6	G1/4	CL1.6	1
<b>MN656314205R</b>	63	0 ÷ 2.5	G1/4	CL1.6	1
<b>MN656314004R</b>	63	0 ÷ 4	G1/4	CL1.6	1
<b>MN656314006R</b>	63	0 ÷ 6	G1/4	CL1.6	1
<b>MN656314010R</b>	63	0 ÷ 10	G1/4	CL1.6	1
<b>MN656314012R</b>	63	0 ÷ 12	G1/4	CL1.6	1
<b>MN656314016R</b>	63	0 ÷ 16	G1/4	CL1.6	1
<b>MN656314025R</b>	63	0 ÷ 25	G1/4	CL1.6	1
<b>MN656314040R</b>	63	0 ÷ 40	G1/4	CL1.6	1
<b>MN656314060R</b>	63	0 ÷ 60	G1/4	CL1.6	1
<b>MN656314100R</b>	63	0 ÷ 100	G1/4	CL1.6	1
<b>MN656314160R</b>	63	0 ÷ 160	G1/4	CL1.6	1
<b>MN656314250R</b>	63	0 ÷ 250	G1/4	CL1.6	1
VUOTOMETRO - VACUUM GAUGE - Vakuummeter					
<b>MN658038099R</b>	80	-1 ÷ 0	G3/8	CL1.6	1
MANOMETRI - GAUGES - Manometer					
<b>MN658038205R</b>	80	0 ÷ 2.5	G3/8	CL1.6	1
<b>MN658038004R</b>	80	0 ÷ 4	G3/8	CL1.6	1
<b>MN658038006R</b>	80	0 ÷ 6	G3/8	CL1.6	1
<b>MN658038010R</b>	80	0 ÷ 10	G3/8	CL1.6	1
<b>MN658038016R</b>	80	0 ÷ 16	G3/8	CL1.6	1
VUOTOMETRO - VACUUM GAUGE - Vakuummeter					
<b>MN651012099R</b>	100	-1 ÷ 0	G1/2	CL1.6	1
MANOMETRI - GAUGES - Manometer					
<b>MN651012001R</b>	100	0 ÷ 1	G1/2	CL1.6	1
<b>MN651012106R</b>	100	0 ÷ 1.6	G1/2	CL1.6	1
<b>MN651012205R</b>	100	0 ÷ 2.5	G1/2	CL1.6	1
<b>MN651012004R</b>	100	0 ÷ 4	G1/2	CL1.6	1
<b>MN651012006R</b>	100	0 ÷ 6	G1/2	CL1.6	1
<b>MN651012010R</b>	100	0 ÷ 10	G1/2	CL1.6	1
<b>MN651012016R</b>	100	0 ÷ 16	G1/2	CL1.6	1
<b>MN651012025R</b>	100	0 ÷ 25	G1/2	CL1.6	1

Ø	A	B	D1
40	8	24	41
50	10	27	51
50	10	27	51
63	10	27	62
80	7	32.5	79
100	11	34.5	98.5

Ø	H	G"	CH	Kg
40	36.5	R 1/8	11	0.048
50	47	R 1/4	14	0.082
50	47	R 1/8	14	0.088
63	54	G1/4	14	0.099
80	69	G3/8	17	0.184
100	82	G1/2	22	0.297



## Manometri e vuotometri cassa INOX

Gauges and vacuum gauges INOX case

Manometer und Vakuummeter Edelstahl Gehäuse

### Dati tecnici manometri glicerina attacco radiale (serie MX70)

Gauges liquid fillable bottom connection technical data (MX70 series)

Technischen Daten der Manometer Glycerin radial Angriff (Serie MX70)

#### Applicazioni

Cassa INOX a tenuta stagna o a bagno di glicerina adatti per l'esterno o dove ci sono vibrazioni. Tutte le applicazioni particolari (attacchi, quadranti, scale non normalizzate) possono essere risolte dalle nostre officine. Ampia disponibilità di magazzino.

#### Descrizione

Manometro costruito secondo Norme UNI EN 837.1 Cassa INOX IP65 AISI 304 dn 63 - 100 mm trasparente in policarbonato. Perno e movimento in OTTONE attacco RADIALE (ISO 228). Quadrante in alluminio fondo bianco scala BAR nera e PSI rossa (doppia scala esclusi mano vuotometri). Classe di precisione 2,5 - 1,0%. Lancetta in Alluminio.

#### Temperatura d'esercizio

-10 °C / +65 °C

#### Pressione d'esercizio

Costante 75% - Variabile 60%  
Sovrappressione 25% fino a 60 bar, 15% oltre

#### Varianti

Scale Normalizzate: Vuotometro -1 / 0 Bar+CmHg; Mano-vuotometro -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Opzioni prodotto

Filetto NPT ANSI B.1.20.1 con o senza glicerina, Sgrassatura uso ossigeno, scale e/o attacchi personalizzati, loghi, settori colorati. Attacco radiale ad ore 3/9/12.

#### Applications

Suitable for all process gaseous and liquid that don't attack copper alloy parts.  
Intended for adverse service conditions where pulsating or vibration exists. Hydraulics, Compressors.

#### Description

Pressure gauge made according UNI EN 837.1 norms Stainless steel case AISI 304 dial 63 - 100 mm. BRASS movement and pivot BOTTOM (ISO 228) connection - Aluminum dial White background Black BAR scale and Red PSI one (double scale except compound gauge).  
Accuracy 2,5 - 1,0% - Aluminum index.

#### Working temperature

+14 °F / +149 °F

#### Working pressure

Steady 75% - Variable 60%  
Overpressure 25% until 60 bar, 15% over

#### Variants

Normalized scale: gauge compound -1 / 0 Bar+CmHg; Water pressure gauge -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Product options

NPT ANSI B.1.20.1 thread, With or without glycerine, OXYGEN SERVICE, customize range, scale or logo; Colored sector; Bottom connection at 3/9/12 hours.

#### Anwendungen

SST Fall wasserdicht oder Glycerinbad, geeignet für den Außenbereich oder wo es Vibrationen. Alle spezielle Anwendungen (Ports, Zifferblätter, Skalen Nicht-Standard) können von unseren Workshops gelöst werden. Umfangreiches Lager.

#### Beschreibung

Gebaut nach UNI EN 837.1, Bei IP65 Edelstahl AISI 304 dn 63-100 mm, transparentem Polycarbonat. Stift und Bewegung MESSING Angriff RADIAL (ISO 228). Wählen Aluminium weiß, Maßstab BAR schwarz, rot für PSI (zwei Skalen Vakuummeter ausgeschlossen).  
Genauigkeitsklasse 2,5 auf 1,6% - Hand aus Aluminium.

#### Betriebstemperatur

-10 °C / +65 °C

#### Betriebsdruck

Constant 75% - 60% Variable  
Überdruck bis 60 bar, mehr als 15%

#### Varianten

Maßstab normalisierten Vakuummeter -1 / 0 Bar+CmHg; Mano-Vakuummeter -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 nur Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Produkt-Optionen

Gewinde NPT ANSI B.1.20.1 mit oder ohne Glycerin, Entfetten Verwendung Sauerstoff, Treppen und / oder Anhänge individuelle Logos, farbigen Sektoren. Radial Angriff 3/9/12 Stunden.

MX 70



## Manometri glicerina attacco radiale

Gauges liquid fillable bottom connection  
Manometer Glycerin radial Angriff

Ø	A	B	D	D1	H	G"	CH	Kg
63	10	29	62	68	57	G 1/4	14	0.207
100	10	38	98.5	110	82	G 1/2	22	0.645

Code/Code	Ø	Scala (bar) Range	Attacco" Connection"	Precisione Accuracy	
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VUOTOMETRO - VACUUM GAUGE - Vakuummeter

<b>MX706314099R</b>	63	-1 ÷ 0	G1/4	CL1.6	1
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MANOVUOMETRO - COMPOUND - Manometer

<b>MX706314115R</b>	63	-1 ÷ 1.5	G1/4	CL1.6	1
<b>MX706314903R</b>	63	-1 ÷ 3	G1/4	CL1.6	1
<b>MX706314905R</b>	63	-1 ÷ 5	G1/4	CL1.6	1
<b>MX706314909R</b>	63	-1 ÷ 9	G1/4	CL1.6	1
<b>MX706314915R</b>	63	-1 ÷ 15	G1/4	CL1.6	1

MANOMETRI - GAUGES - Manometer

<b>MX706314Z06R</b>	63	0 ÷ 0.6	G1/4	CL1.6	1
<b>MX706314001R</b>	63	0 ÷ 1	G1/4	CL1.6	1
<b>MX706314106R</b>	63	0 ÷ 1.6	G1/4	CL1.6	1
<b>MX706314205R</b>	63	0 ÷ 2.5	G1/4	CL1.6	1
<b>MX706314004R</b>	63	0 ÷ 4	G1/4	CL1.6	1
<b>MX706314006R</b>	63	0 ÷ 6	G1/4	CL1.6	1
<b>MX706314010R</b>	63	0 ÷ 10	G1/4	CL1.6	1
<b>MX706314012R</b>	63	0 ÷ 12	G1/4	CL1.6	1
<b>MX706314016R</b>	63	0 ÷ 16	G1/4	CL1.6	1
<b>MX706314025R</b>	63	0 ÷ 25	G1/4	CL1.6	1
<b>MX706314040R</b>	63	0 ÷ 40	G1/4	CL1.6	1
<b>MX706314060R</b>	63	0 ÷ 60	G1/4	CL1.6	1
<b>MX706314100R</b>	63	0 ÷ 100	G1/4	CL1.6	1
<b>MX706314160R</b>	63	0 ÷ 160	G1/4	CL1.6	1
<b>MX706314250R</b>	63	0 ÷ 250	G1/4	CL1.6	1
<b>MX706314315R</b>	63	0 ÷ 315	G1/4	CL1.6	1
<b>MX706314400R</b>	63	0 ÷ 400	G1/4	CL1.6	1
<b>MX706314600R</b>	63	0 ÷ 600	G1/4	CL1.6	1
<b>MX7063141000R</b>	63	0 ÷ 1000	G1/4	CL1.6	1

Su richiesta possiamo fornire manovuotometri D.63 scale -1+0,6;-1+1,5;-1+3;-1+5;-1+9

On demand we can supply gauges compound D.63 Range -1+0,6;-1+1,5;-1+3;-1+5;-1+9

Auf Wunsch liefern wir Manovakuummeter D.63 Skala -1+0,6;-1+1,5;-1+3;-1+5;-1+9

VUOTOMETRO - VACUUM GAUGE - Vakuummeter

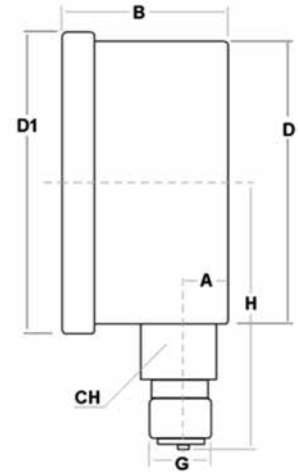
<b>MX701012099R</b>	100	-1 ÷ 0	G1/2	CL1.0	1
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MANOVUOMETRO - COMPOUND - Manometer

<b>MX701012115R</b>	100	-1 ÷ 1.5	G1/2	CL1.0	1
<b>MX701012903R</b>	100	-1 ÷ 3	G1/2	CL1.0	1
<b>MX701012905R</b>	100	-1 ÷ 5	G1/2	CL1.0	1
<b>MX701012909R</b>	100	-1 ÷ 9	G1/2	CL1.0	1
<b>MX701012915R</b>	100	-1 ÷ 15	G1/2	CL1.0	1

MANOMETRI - GAUGES - Manometer

<b>MX701012001R</b>	100	0 ÷ 1	G1/2	CL1.0	1
<b>MX701012106R</b>	100	0 ÷ 1.6	G1/2	CL1.0	1
<b>MX701012205R</b>	100	0 ÷ 2.5	G1/2	CL1.0	1
<b>MX701012004R</b>	100	0 ÷ 4	G1/2	CL1.0	1
<b>MX701012006R</b>	100	0 ÷ 6	G1/2	CL1.0	1
<b>MX701012010R</b>	100	0 ÷ 10	G1/2	CL1.0	1
<b>MX701012016R</b>	100	0 ÷ 16	G1/2	CL1.0	1
<b>MX701012025R</b>	100	0 ÷ 25	G1/2	CL1.0	1
<b>MX701012040R</b>	100	0 ÷ 40	G1/2	CL1.0	1
<b>MX701012060R</b>	100	0 ÷ 60	G1/2	CL1.0	1
<b>MX701012100R</b>	100	0 ÷ 100	G1/2	CL1.0	1
<b>MX701012160R</b>	100	0 ÷ 160	G1/2	CL1.0	1
<b>MX701012250R</b>	100	0 ÷ 250	G1/2	CL1.0	1
<b>MX701012400R</b>	100	0 ÷ 400	G1/2	CL1.0	1
<b>MX701012600R</b>	100	0 ÷ 600	G1/2	CL1.0	1
<b>MX7010121000R</b>	100	0 ÷ 1000	G1/2	CL1.0	1



## Manometri e vuotometri cassa INOX

Gauges and vacuum gauges INOX case

Manometer und Vakuummeter Edelstahl Gehäuse

### Dati tecnici manometri glicerina attacco posteriore (serie MX71)

Gauges liquid fillable back connection technical data (MX71 series)

Technischen Daten der Manometer Glycerin zuruck Angriff (Serie MX71)

#### Applicazioni

Cassa INOX a tenuta stagna o a bagno di glicerina adatti per l'esterno o dove ci sono vibrazioni. Tutte le applicazioni particolari (attacchi, quadranti, scale non normalizzate) possono essere risolte dalle nostre officine. Ampia disponibilità di magazzino.

#### Descrizione

Manometro costruito secondo Norme UNI EN 837.1 Cassa INOX IP65 AISI 304 dn 40 - 50 - 63 mm trasparente in policarbonato. Perno e movimento in OTTONE attacco POSTERIORE (ISO 228 - ISO 7/1) Quadrante in alluminio fondo bianco scala BAR nera e PSI rossa (doppia scala esclusi mano vuotometri). Classe di precisione 2,5 - 1,6%. Lancetta in Alluminio.

#### Temperatura d'esercizio

-10 °C / +65 °C

#### Pressione d'esercizio

Costante 75% - Variabile 60%  
Sovrappressione 25% fino a 60 bar, 15% oltre

#### Varianti

Scale Normalizzate: Vuotometro -1 / 0 Bar+CmHg; Mano-vuotometro -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Opzioni prodotto

Filetto NPT ANSI B.1.20.1 con o senza glicerina, Sgrassatura uso ossigeno, scale e/o attacchi personalizzati, loghi, settori colorati. Attacco radiale ad ore 3/9/12.

#### Applications

Stainless steel case sealed or glycerine suitable for outdoor use or where there are vibrations.  
All applications (attacks, dials, scales non-standard) can be solved by our workshops. Wide availability of stock.

#### Description

Pressure gauge made according UNI EN 837.1 norms Stainless steel case AISI 304 dial 40 - 50 - 63 mm. BRASS movement and pivot BACK (ISO 228 - ISO 7/1) connection - Aluminum dial White background Black BAR scale and Red PSI one (double scale except compound gauge). Accuracy 2,5 - 1,6% - Aluminum index.

#### Working temperature

+14 °F / +149 °F

#### Working pressure

Steady 75% - Variable 60%  
Overpressure 25% until 60 bar, 15% over

#### Variants

Normalized scale: gauge compound -1 / 0 Bar+CmHg; Water pressure gauge -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Product options

NPT ANSI B.1.20.1 thread, With or without glycerine, OXYGEN SERVICE, customize range, scale or logo; Colored sector; Bottom connection at 3/9/12 hours.

#### Anwendungen

SST Fall wasserdicht oder Glycerinbad, geeignet für den Außenbereich oder wo es Vibrationen. Alle spezielle Anwendungen (Ports, Zifferblätter, Skalen Nicht-Standard) können von unseren Workshops gelöst werden. Umfangreiches Lager.

#### Beschreibung

Gebaut nach UNI EN 837.1, Bei IP65 Edelstahl AISI 304 dn 40 - 50 - 63 mm, transparentem Polycarbonat. Stift und Bewegung MESSING Angriff ZURÜCK (ISO 228 - ISO 7/1). Wählen Aluminium weiß, Maßstab BAR schwarz, rot für PSI (zwei Skalen Vakuummeter ausgeschlossen). Genauigkeitsklasse 2,5 auf 1,6%. Hand aus Aluminium.

#### Betriebstemperatur

-10 °C / +65 °C

#### Betriebsdruck

Constant 75% - 60% Variable  
Überdruck bis 60 bar, mehr als 15%

#### Varianten

Maßstab normalisierten Vakuummeter -1 / 0 Bar+CmHg; Mano-Vakuummeter -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 nur Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Produkt-Optionen

Gewinde NPT ANSI B.1.20.1 mit oder ohne Glycerin, Entfetten Verwendung Sauerstoff, Treppen und / oder Anhänge individuelle Logos, farbigen Sektoren. Radial Angriff 3/9/12 Stunden.

## MX 71



### Manometri glicerina attacco posteriore

Gauges liquid fillable back connection  
Manometer Glycerin zuruck Angriff

Ø	B	D	D1	H	G"	CH		Kg
40	25	40.5	44	43	R1/8	11		0.110
50	28	51	56	50	G1/4	14		0.145
63	29	62	68	53	G1/4	14		0.188

Codice/Code	Ø	Scala (bar) Range	Attacco" Connection"	Precisione Accuracy	
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VUOTOMETRO - VACUUM GAUGE - Vakuummeter

<b>MX714018099P</b>	40	-1 ÷ 0	R1/8	CL2.5	1
MANOMETRI - GAUGES - Manometer					
<b>MX714018001P</b>	40	0 ÷ 1	R1/8	CL2.5	1
<b>MX714018205P</b>	40	0 ÷ 2.5	R1/8	CL2.5	1
<b>MX714018006P</b>	40	0 ÷ 6	R1/8	CL2.5	1
<b>MX714018010P</b>	40	0 ÷ 10	R1/8	CL2.5	1
<b>MX714018016P</b>	40	0 ÷ 16	R1/8	CL2.5	1
<b>MX714018025P</b>	40	0 ÷ 25	R1/8	CL2.5	1
<b>MX714018100P</b>	40	0 ÷ 100	R1/8	CL2.5	1
<b>MX714018160P</b>	40	0 ÷ 160	R1/8	CL2.5	1
<b>MX714018250P</b>	40	0 ÷ 250	R1/8	CL2.5	1
<b>MX714018400P</b>	40	0 ÷ 400	R1/8	CL2.5	1

VUOTOMETRO - VACUUM GAUGE - Vakuummeter

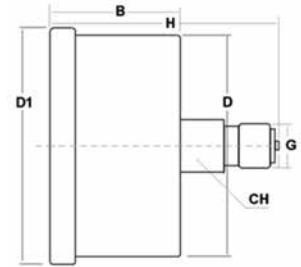
<b>MX715014099P</b>	50	-1 ÷ 0	G1/4	CL2.5	1
MANOMETRI - GAUGES - Manometer					
<b>MX715014205P</b>	50	0 ÷ 2.5	G1/4	CL2.5	1
<b>MX715014004P</b>	50	0 ÷ 4	G1/4	CL2.5	1
<b>MX715014006P</b>	50	0 ÷ 6	G1/4	CL2.5	1
<b>MX715014010P</b>	50	0 ÷ 10	G1/4	CL2.5	1
<b>MX715014016P</b>	50	0 ÷ 16	G1/4	CL2.5	1
<b>MX715014025P</b>	50	0 ÷ 25	G1/4	CL2.5	1
<b>MX715014100P</b>	50	0 ÷ 100	G1/4	CL2.5	1
<b>MX715014250P</b>	50	0 ÷ 250	G1/4	CL2.5	1
<b>MX715014400P</b>	50	0 ÷ 400	G1/4	CL2.5	1

VUOTOMETRO - VACUUM GAUGE - Vakuummeter

<b>MX716314099P</b>	63	-1 ÷ 0	G1/4	CL1.6	1
MANOVUOMETRO - COMPOUND - Manometer					
<b>MX716314115P</b>	63	-1 ÷ 1.5	G1/4	CL1.6	1
<b>MX716314903P</b>	63	-1 ÷ 3	G1/4	CL1.6	1
<b>MX716314905P</b>	63	-1 ÷ 5	G1/4	CL1.6	1
<b>MX716314909P</b>	63	-1 ÷ 9	G1/4	CL1.6	1

MANOMETRI - GAUGES - Manometer

<b>MX716314001P</b>	63	0 ÷ 1	G1/4	CL1.6	1
<b>MX716314106P</b>	63	0 ÷ 1.6	G1/4	CL1.6	1
<b>MX716314205P</b>	63	0 ÷ 2.5	G1/4	CL1.6	1
<b>MX716314004P</b>	63	0 ÷ 4	G1/4	CL1.6	1
<b>MX716314006P</b>	63	0 ÷ 6	G1/4	CL1.6	1
<b>MX716314010P</b>	63	0 ÷ 10	G1/4	CL1.6	1
<b>MX716314016P</b>	63	0 ÷ 16	G1/4	CL1.6	1
<b>MX716314025P</b>	63	0 ÷ 25	G1/4	CL1.6	1
<b>MX716314040P</b>	63	0 ÷ 40	G1/4	CL1.6	1
<b>MX716314060P</b>	63	0 ÷ 60	G1/4	CL1.6	1
<b>MX716314100P</b>	63	0 ÷ 100	G1/4	CL1.6	1
<b>MX716314160P</b>	63	0 ÷ 160	G1/4	CL1.6	1
<b>MX716314250P</b>	63	0 ÷ 250	G1/4	CL1.6	1
<b>MX716314315P</b>	63	0 ÷ 315	G1/4	CL1.6	1
<b>MX716314400P</b>	63	0 ÷ 400	G1/4	CL1.6	1
<b>MX716314600P</b>	63	0 ÷ 600	G1/4	CL1.6	1
<b>MX7163141000P</b>	63	0 ÷ 1000	G1/4	CL1.6	1



## MX 99



### Staffa posteriore per manometri glicerina INOX Ø 40-50-63

Back clamp for INOX gauges liquid fillable back connection Ø 40-50-63  
Paneelblech für Manometer Glycerin INOX Ø 40-50-63

Codice/Code	Ø	
<b>MX990040P</b>	40	1
<b>MX990063P</b>	50 - 63	1



## Manometri e vuotometri cassa INOX

Gauges and vacuum gauges INOX case

Manometer und Vakuummeter Edelstahl Gehäuse

### Dati tecnici manometri glicerina attacco posteriore con flangia 3 fori (serie MX72)

Gauges liquid fillable back connection with 3 holes flange technical data (MX72 series)

Technischen Daten der Manometer Glycerin zuruck Angriff für Paneelmontage (Serie MX72)

#### Applicazioni

Cassa INOX a tenuta stagna o a bagno di glicerina adatti per l'esterno o dove ci sono vibrazioni. Tutte le applicazioni particolari (attacchi, quadranti, scale non normalizzate) possono essere risolte dalle nostre officine. Ampia disponibilità di magazzino.

#### Descrizione

Manometro costruito secondo Norme UNI EN 837.1 Cassa INOX IP65 AISI 304 dn 40-50-63 mm trasparente in policarbonato. Perno e movimento in OTTONE attacco POSTERIORE (ISO 228-ISO 7/1) con FLANGIA Quadrante in alluminio fondo bianco scala BAR nera e PSI rossa (doppia scala esclusi mano vuotometri). Classe di precisione 2,5 - 1,6% - Lancetta in Alluminio

#### Temperatura d'esercizio

-10 / +65 °C

#### Pressione d'esercizio

Costante 75% - Variabile 60%  
Sovrappressione 25% fino a 60 bar, 15% oltre

#### Varianti

Scale Normalizzate: Vuotometro -1 / 0 Bar+CmHg; Mano-vuotometro -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Opzioni prodotto

Filetto NPT ANSI B.1.20.1 con o senza glicerina, Sgrassatura uso ossigeno, scale e/o attacchi personalizzati, loghi, settori colorati.

#### Applications

Suitable for all process gaseous and liquid that don't attack copper alloy parts.  
Intended for adverse service conditions where pulsating or vibration exists. Hydraulics, Compressors.

#### Description

Pressure gauge made according UNI EN 837.1 norms Stainless steel case AISI 304 dial 40-50-63 mm. BRASS movement and pivot BACK (ISO 228 - ISO 7/1) connection with panel FLANGE - Aluminum dial White background Black BAR scale and Red PSI one (double scale except compound gauge).  
Accuracy 2,5, 1,6% - Aluminum index

#### Working temperature

+14 °F / +149 °F

#### Working pressure

Steady 75% - Variable 60%  
Overpressure 25% until 60 bar, 15% over

#### Variants

Normalized scale: gauge compound -1 / 0 Bar+CmHg; Water pressure gauge -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Product options

NPT ANSI B.1.20.1 thread, With or without glycerine, OXYGEN SERVICE, customize range, scale or logo, colored sector.

#### Anwendungen

SST Fall wasserdicht oder Glycerinbad, geeignet für den Außenbereich oder wo es Vibrationen. Alle spezielle Anwendungen (Ports, Zifferblätter, Skalen Nicht-Standard) können von unseren Workshops gelöst werden. Umfangreiches Lager.

#### Beschreibung

Gebaut nach UNI EN 837.1, Bei IP65 Edelstahl AISI 304 dn 40 - 50 - 63 mm, transparentem Polycarbonat. Stift und Bewegung MESSING Angriff ZURÜCK (ISO 228 - ISO 7/1) mit Frontring. Wählen Aluminium weiß ,Maßstab BAR schwarz, rot für PSI (zwei Skalen Vakuummeter ausgeschlossen).  
Genauigkeitsklasse 2,5 auf 1,0%. - Hand aus Aluminium

#### Betriebstemperatur

-10 °C / +65 °C

#### Betriebsdruck

Constant 75% - 60% Variable  
Überdruck bis 60 bar, mehr als 15%

#### Varianten

Maßstab normalisierten Vakuummeter -1 / 0 Bar+CmHg; Mano-Vakuummeter -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 nur Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Produkt-Optionen

Gewinde NPT ANSI B.1.20.1 mit oder ohne Glycerin, Entfetten Verwendung Sauerstoff, Treppen und / oder Anhänge individuelle Logos, farbigen Sektoren.

## MX 72



### Manometri glicerina attacco post. con flangia 3 fori

Gauges liquid fillable back connection with 3 holes flange  
Manometer Glycerin zurück Angriff für Paneelmontage

Ø	B	D	D1	H	G"	CH	Kg
40	25	40.5	61	43	R1/8	11	0.110
50	28	51	72	50	G1/4	14	0.145
63	29	62	83	53	G1/4	14	0.188

Codice/Code	Ø	Scala (bar) Range	Attacco" Connection"	Precisione Accuracy	📦
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VUOTOMETRO - VACUUM GAUGE - Vakuummeter

<b>MX724018099PF</b>	40	-1 ÷ 0	R1/8	CL2.5	1
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MANOMETRI - GAUGES - Manometer

<b>MX724018001PF</b>	40	0 ÷ 1	R1/8	CL2.5	1
<b>MX724018205PF</b>	40	0 ÷ 2.5	R1/8	CL2.5	1
<b>MX724018006PF</b>	40	0 ÷ 6	R1/8	CL2.5	1
<b>MX724018010PF</b>	40	0 ÷ 10	R1/8	CL2.5	1
<b>MX724018016PF</b>	40	0 ÷ 16	R1/8	CL2.5	1
<b>MX724018025PF</b>	40	0 ÷ 25	R1/8	CL2.5	1
<b>MX724018100PF</b>	40	0 ÷ 100	R1/8	CL2.5	1
<b>MX724018160PF</b>	40	0 ÷ 160	R1/8	CL2.5	1
<b>MX724018250PF</b>	40	0 ÷ 250	R1/8	CL2.5	1
<b>MX724018400PF</b>	40	0 ÷ 400	R1/8	CL2.5	1

MANOMETRI - GAUGES - Manometer

<b>MX725014001PF</b>	50	0 ÷ 1	G1/4	CL2.5	1
<b>MX725014205PF</b>	50	0 ÷ 2.5	G1/4	CL2.5	1
<b>MX725014004PF</b>	50	0 ÷ 4	G1/4	CL2.5	1
<b>MX725014006PF</b>	50	0 ÷ 6	G1/4	CL2.5	1
<b>MX725014010PF</b>	50	0 ÷ 10	G1/4	CL2.5	1
<b>MX725014016PF</b>	50	0 ÷ 16	G1/4	CL2.5	1
<b>MX725014025PF</b>	50	0 ÷ 25	G1/4	CL2.5	1
<b>MX725014100PF</b>	50	0 ÷ 100	G1/4	CL2.5	1
<b>MX725014250PF</b>	50	0 ÷ 250	G1/4	CL2.5	1
<b>MX725014400PF</b>	50	0 ÷ 400	G1/4	CL2.5	1

VUOTOMETRO - VACUUM GAUGE - Vakuummeter

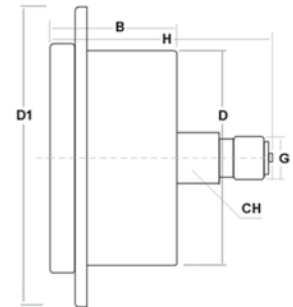
<b>MX726314099PF</b>	63	-1 ÷ 0	G1/4	CL1.6	1
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MANOVUOMETRO - COMPOUND - Manometer

<b>MX726314115PF</b>	63	-1 ÷ 1.5	G1/4	CL1.6	1
<b>MX726314903PF</b>	63	-1 ÷ 3	G1/4	CL1.6	1
<b>MX726314905PF</b>	63	-1 ÷ 5	G1/4	CL1.6	1
<b>MX726314909PF</b>	63	-1 ÷ 9	G1/4	CL1.6	1

MANOMETRI - GAUGES - Manometer

<b>MX726314001PF</b>	63	0 ÷ 1	G1/4	CL1.6	1
<b>MX726314106PF</b>	63	0 ÷ 1.6	G1/4	CL1.6	1
<b>MX726314205PF</b>	63	0 ÷ 2.5	G1/4	CL1.6	1
<b>MX726314004PF</b>	63	0 ÷ 4	G1/4	CL1.6	1
<b>MX726314006PF</b>	63	0 ÷ 6	G1/4	CL1.6	1
<b>MX726314010PF</b>	63	0 ÷ 10	G1/4	CL1.6	1
<b>MX726314016PF</b>	63	0 ÷ 16	G1/4	CL1.6	1
<b>MX726314025PF</b>	63	0 ÷ 25	G1/4	CL1.6	1
<b>MX726314040PF</b>	63	0 ÷ 40	G1/4	CL1.6	1
<b>MX726314060PF</b>	63	0 ÷ 60	G1/4	CL1.6	1
<b>MX726314100PF</b>	63	0 ÷ 100	G1/4	CL1.6	1
<b>MX726314160PF</b>	63	0 ÷ 160	G1/4	CL1.6	1
<b>MX726314250PF</b>	63	0 ÷ 250	G1/4	CL1.6	1
<b>MX726314400PF</b>	63	0 ÷ 400	G1/4	CL1.6	1
<b>MX726314600PF</b>	63	0 ÷ 600	G1/4	CL1.6	1



## MX 72PF



### Flangia 3 fori per manometri glicerina INOX

3 Holes flange for INOX gauges liquid fillable  
Paneelring für Manometer Glycerin INOX

Codice/Code	Ø	📦
<b>MX720063PF</b>	63	1
<b>MX720100PF</b>	100	1

## Manometri e vuotometri cassa INOX

Gauges and vacuum gauges INOX case

Manometer und Vakuummeter Edelstahl Gehäuse

### Dati tecnici manometri glicerina attacco posteriore con staffa (serie MX73)

Gauges liquid fillable back connection with clamp technical data (MX73 series)

Technischen Daten der Manometer Glycerin zuruck Angriff mit Paneeleinbau (Serie MX73)

#### Applicazioni

Cassa INOX a tenuta stagna o a bagno di glicerina adatti per l'esterno o dove ci sono vibrazioni. Tutte le applicazioni particolari (attacchi, quadranti, scale non normalizzate) possono essere risolte dalle nostre officine. Ampia disponibilità di magazzino.

#### Descrizione

Manometro costruito secondo Norme UNI EN 837.1 Cassa INOX IP65 AISI 304 trasparente in policarbonato. Perno e movimento in OTTONE attacco POSTERIORE (ISO 228) con STAFFA Quadrante in alluminio fondo bianco scala BAR nera e PSI rossa (doppia scala esclusi mano vuotometri). Classe di precisione 1,0% - Lancetta in Alluminio

#### Temperatura d'esercizio

-10 / +65 °C

#### Pressione d'esercizio

Costante 75% - Variabile 60%  
Sovrappressione 25% fino a 60 bar, 15% oltre

#### Varianti

Scale Normalizzate: Vuotometro -1 / 0 Bar+CmHg; Mano-vuotometro -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Opzioni prodotto

Filetto NPT ANSI B.1.20.1 con o senza glicerina, Sgrassatura uso ossigeno, scale e/o attacchi personalizzati, loghi, settori colorati; contatti elettrici.

#### Applications

Suitable for all process gaseous and liquid that don't attack copper alloy parts. Intended for adverse service conditions where pulsating or vibration exists. Hydraulics, Compressors.

#### Description

Pressure gauge made according UNI EN 837.1 norms Stainless steel case AISI 304. BRASS movement and pivot BACK (ISO 228) connection with U-CLAMP - Aluminum dial White background Black BAR scale and Red PSI one (double scale except compound gauge). Accuracy 1,0% - Aluminum index

#### Working temperature

+14 °F / +149 °F

#### Working pressure

Steady 75% - Variable 60%  
Overpressure 25% until 60 bar, 15% over

#### Variants

Normalized scale: gauge compound -1 / 0 Bar+CmHg; Water pressure gauge -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Product options

NPT ANSI B.1.20.1 thread, With or without glycerine, OXYGEN SERVICE, customize range, scale or logo; Colored sector; electric switch.

#### Anwendungen

SST Fall wasserdicht oder Glycerinbad, geeignet für den Außenbereich oder wo es Vibrationen. Alle spezielle Anwendungen (Ports, Zifferblätter, Skalen Nicht-Standard) können von unseren Workshops gelöst werden. Umfangreiches Lager.

#### Beschreibung

Gebaut nach UNI EN 837.1, Bei IP65 Edelstahl AISI 304, transparentem Polycarbonat. Stift und Bewegung MESSING Angriff ZURÜCK (ISO 228) mit Frontring. Wählen Aluminium weiß, Maßstab BAR schwarz, rot für PSI (zwei Skalen Vakuummeter ausgeschlossen). Genauigkeitsklasse 2,5 auf 1,0%. - Hand aus Aluminium

#### Betriebstemperatur

-10 °C / +65 °C

#### Betriebsdruck

Constant 75% - 60% Variable  
Überdruck bis 60 bar, mehr als 15%

#### Varianten

Maßstab normalisierten Vakuummeter -1 / 0 Bar+CmHg; Mano-Vakuummeter -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 nur Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Produkt-Optionen

Gewinde NPT ANSI B.1.20.1 mit oder ohne Glycerin, Entfetten Verwendung Sauerstoff, Treppen und / oder Anhänge individuelle Logos, farbigen Sektoren, elektrischen Kontakten.

## MX 73



### Manometri glicerina attacco posteriore con staffa

Gauges liquid fillable back connection with clamp  
Manometer Glycerin zuruck Angriff mit Paneeleinbau

Ø	B	D	D1	H	G"	CH		Kg
100	36	98.5	110	82	G1/2	22		0.75

Codice/Code	Ø	Scala (bar) Range	Attacco" Connection"	Precisione Accuracy	
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VUOTOMETRO - VACUUM GAUGE - Vakuummeter

**MX731012099PS** 100 -1 ÷ 0 G1/2 CL1 1

MANOVUOMETRO - COMPOUND - Manometer

**MX731012903PS** 100 -1 ÷ 3 G1/2 CL1 1

**MX731012905PS** 100 -1 ÷ 5 G1/2 CL1 1

MANOMETRI - GAUGES - Manometer

**MX731012106PS** 100 0 ÷ 1.6 G1/2 CL1 1

**MX731012205PS** 100 0 ÷ 2.5 G1/2 CL1 1

**MX731012004PS** 100 0 ÷ 4 G1/2 CL1 1

**MX731012006PS** 100 0 ÷ 6 G1/2 CL1 1

**MX731012010PS** 100 0 ÷ 10 G1/2 CL1 1

**MX731012016PS** 100 0 ÷ 16 G1/2 CL1 1

**MX731012025PS** 100 0 ÷ 25 G1/2 CL1 1

**MX731012040PS** 100 0 ÷ 40 G1/2 CL1 1

**MX731012060PS** 100 0 ÷ 60 G1/2 CL1 1

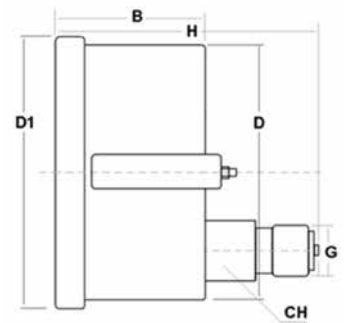
**MX731012100PS** 100 0 ÷ 100 G1/2 CL1 1

**MX731012160PS** 100 0 ÷ 160 G1/2 CL1 1

**MX731012250PS** 100 0 ÷ 250 G1/2 CL1 1

**MX731012400PS** 100 0 ÷ 400 G1/2 CL1 1

**MX731012600PS** 100 0 ÷ 600 G1/2 CL1 1



### Dati tecnici manometri a secco attacco radiale (serie MXX82)

Gauges bottom connection technical data (MXX82 series)

Technischen Daten der Manometer radial Angriff (Serie MXX82)

#### Applicazioni

Adatti per tutti gli impieghi dove esistono processi corrosivi. Tutte le applicazioni particolari (attacchi, quadranti, scale non normalizzate) possono essere risolte dalle nostre officine. Ampia disponibilità di magazzino.

#### Applications

Suitable for corrosive process gas or liquid. With liquid filled case for applications with high dynamic pressure pulsations or vibrations. Chemical/petrol-chemical, power stations, mining, on- and offshore, environmental technology, mechanical engineering and plant construction. Our workshop is able to solve all your request.

#### Anwendungen

Geeignet für alle Anwendungen, bei denen es korrosiven Prozessen. Alle spezielle Anwendungen (Ports, Zifferblätter, Skalen Nicht-Standard) können von unseren Workshops gelöst werden. Die weite Verfügbarkeit von Lager.

#### Descrizione

Manometro costruito secondo Norme UNI EN 837.1 TUTTO INOX cassa AISI 304 IP65 dn 63 - 100 mm. Perno e movimento in AISI 316 attacco RADIALE (ISO 228).

Per d63: trasparente in policarbonato, quadrante in alluminio fondo bianco scala BAR, nera e PSI rossa (doppia scala esclusi mano vuotometri) Classe di precisione 2,5 - 1,6% - Lancetta in Alluminio. Per d100: trasparente in vetro stratificato di sicurezza, con tappo posteriore di sicurezza scala in BAR classe di precisione 1.0% - lancetta in alluminio micrometrica aggiustabile.

#### Description

All stainless steel pressure gauge made according UNI EN 837.1 norms case AISI 304 dial 63-100 mm. Stainless steel AISI 316 movement and pivot BOTTOM (ISO 228) connection.

For d63: - Aluminum dial White background Black BAR scale and Red PSI one (double scale except compound gauge) - Accuracy 2,5, 1,6% - Aluminum index.  
For d100: safety glass window with back blow out cap, aluminum dial white background black BAR scale, accuracy 1.0% - Micrometric adjustable aluminum index.

#### Beschreibung

Gebaut nach UNI EN 837,1, komplett Edelstahl AISI 304 IP65 Gehäuse DN 63 bis 100 mm. Stift und Bewegung in AISI 316, RADIAL Angriff (ISO 228).

Für d63: aus transparentem Polycarbonat, Aluminium-Zifferblatt mit weißem Hintergrund, Maßstab BAR schwarz und rot PSI (zwei Skalen Vakuummeter ausgeschlossen). Genauigkeitsklasse 2,5 bis 1,6%, - Aluminium Hand.  
Für d100: transparent VSG, mit Kappe posteriore Sicherheit, Skalierbarkeit BAR, Genauigkeitsklasse 1,0% - hand Aluminium Feineinstellung.

#### Temperatura d'esercizio

Ambiente -30 / +65 °C  
Processo -40 / +180 °C

#### Working temperature

Environment -22 / +149 °F  
Process -40 / +356 °F

#### Betriebstemperatur

Umwelt -30 / +65 °C  
Prozess -40 / +180 °C

#### Pressione d'esercizio

Costante 75% - Variabile 60% - Sovrapressione 25% fino a 60 bar, 15% oltre

#### Working pressure

Steady 75% - Variable 60% - Overpressure 25% until 60 bar, 15% over

#### Betriebsdruck

Konstant 75% - Variable 60% - 25% Überdruck bis 60 bar, mehr als 15%

#### Varianti d63

Scale Normalizzate: Vuotometro -1 / 0 Bar+CmHg; Mano-vuotometro -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Variants d63

Normalized scale: gauge compound -1 / 0 Bar+CmHg; Water pressure gauge -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Varianten D63

Maßstab normalisierten Vakuummeter -1 / 0 Bar+CmHg; Mano-Vakuummeter -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 nur Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Varianti d100

Scale Normalizzate: -1 / 0; -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15; 1; 1,6; 2,5; 4; 6; 10; 16; 25; 40; 60; 100; 160; 250; 400; 600; 1000; 1600 bar

#### Variants d100

Normalized scale: -1 / 0; -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15; 1; 1,6; 2,5; 4; 6; 10; 16; 25; 40; 60; 100; 160; 250; 400; 600; 1000; 1600 bar

#### Varianten D100

Maßstab normalisierten -1 / 0; -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15; 1; 1,6; 2,5; 4; 6; 10; 16; 25; 40; 60; 100; 160; 250; 400; 600; 1000; 1600 bar

#### Opzioni prodotto

Filetto NPT ANSI B.1.20.1 con o senza glicerina, Sgrassatura uso ossigeno, scale e/o attacchi personalizzati, loghi, settori colorati, vetro di sicurezza (d100), esecuzione SOLID FRONT (d100), separatori (d100), contatti elettrici (d100), attacco radiale ad ore 3/9/12.

#### Product options

NPT ANSI B.1.20.1 thread, With or without glycerine, OXYGENE SERVICE customize range, scale or logo; Colored sector; SAFETY glass, SOLID FRONT production, radial connection 3/9/12 hours.

#### Produkt-Optionen

Gewinde NPT ANSI B.1.20.1 mit oder ohne Glycerin, Entfetten Verwendung Sauerstoff, Treppen Angriffen e7o individuelle Logos, farbige Einheiten, Sicherheitsglas (d100), läuft SOLID FRONT (d100), Abscheider (d100), elektrische Kontakte (d100), Stunden 3/9/12 Stunden.

## MXX 82



### Manometri a secco attacco radiale

Gauges bottom connection  
Manometer radial Angriff

Ø	A	B	D	D1	H	G"	CH	Kg
63	10	31	62	66	54	G1/4	14	0.136
100	28	59	101	110	86	G1/2	22	1

Code/Code	Ø	Scala (bar) Range	Attacco" Connection"	Precisione Accuracy	
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#### VUOTOMETRO - VACUUM GAUGE - Vakuummeter

<b>MXX826314099R</b>	63	-1 ÷ 0	G1/4	CL1.6	1
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#### MANOMETRI - GAUGES - Manometer

<b>MXX826314206R</b>	63	0 ÷ 0.6	G1/4	CL1.6	1
<b>MXX826314001R</b>	63	0 ÷ 1	G1/4	CL1.6	1
<b>MXX826314106R</b>	63	0 ÷ 1.6	G1/4	CL1.6	1
<b>MXX826314205R</b>	63	0 ÷ 2.5	G1/4	CL1.6	1
<b>MXX826314004R</b>	63	0 ÷ 4	G1/4	CL1.6	1
<b>MXX826314006R</b>	63	0 ÷ 6	G1/4	CL1.6	1
<b>MXX826314010R</b>	63	0 ÷ 10	G1/4	CL1.6	1
<b>MXX826314016R</b>	63	0 ÷ 16	G1/4	CL1.6	1
<b>MXX826314025R</b>	63	0 ÷ 25	G1/4	CL1.6	1
<b>MXX826314040R</b>	63	0 ÷ 40	G1/4	CL1.6	1
<b>MXX826314060R</b>	63	0 ÷ 60	G1/4	CL1.6	1
<b>MXX826314100R</b>	63	0 ÷ 100	G1/4	CL1.6	1
<b>MXX826314160R</b>	63	0 ÷ 160	G1/4	CL1.6	1
<b>MXX826314250R</b>	63	0 ÷ 250	G1/4	CL1.6	1
<b>MXX826314400R</b>	63	0 ÷ 400	G1/4	CL1.6	1
<b>MXX826314600R</b>	63	0 ÷ 600	G1/4	CL1.6	1

#### VUOTOMETRO - VACUUM GAUGE - Vakuummeter

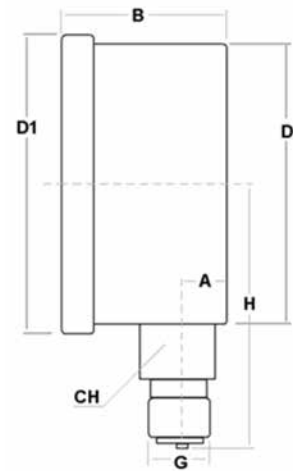
<b>MXX821012099R</b>	100	-1 ÷ 0	G1/2	CL1.0	1
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#### MANOVUOMETRO - COMPOUND - Manometer

<b>MXX821012115R</b>	100	-1 ÷ 1.5	G1/2	CL1.0	1
<b>MXX821012903R</b>	100	-1 ÷ 3	G1/2	CL1.0	1
<b>MXX821012905R</b>	100	-1 ÷ 5	G1/2	CL1.0	1
<b>MXX821012909R</b>	100	-1 ÷ 9	G1/2	CL1.0	1

#### MANOMETRI - GAUGES - Manometer

<b>MXX821012206R</b>	100	0 ÷ 0.6	G1/2	CL1.0	1
<b>MXX821012001R</b>	100	0 ÷ 1	G1/2	CL1.0	1
<b>MXX821012106R</b>	100	0 ÷ 1.6	G1/2	CL1.0	1
<b>MXX821012205R</b>	100	0 ÷ 2.5	G1/2	CL1.0	1
<b>MXX821012004R</b>	100	0 ÷ 4	G1/2	CL1.0	1
<b>MXX821012006R</b>	100	0 ÷ 6	G1/2	CL1.0	1
<b>MXX821012010R</b>	100	0 ÷ 10	G1/2	CL1.0	1
<b>MXX821012016R</b>	100	0 ÷ 16	G1/2	CL1.0	1
<b>MXX821012025R</b>	100	0 ÷ 25	G1/2	CL1.0	1
<b>MXX821012040R</b>	100	0 ÷ 40	G1/2	CL1.0	1
<b>MXX821012060R</b>	100	0 ÷ 60	G1/2	CL1.0	1
<b>MXX821012100R</b>	100	0 ÷ 100	G1/2	CL1.0	1
<b>MXX821012160R</b>	100	0 ÷ 160	G1/2	CL1.0	1
<b>MXX821012250R</b>	100	0 ÷ 250	G1/2	CL1.0	1
<b>MXX821012400R</b>	100	0 ÷ 400	G1/2	CL1.0	1
<b>MXX821012600R</b>	100	0 ÷ 600	G1/2	CL1.0	1
<b>MXX821012200R</b>	100	0 ÷ 1000	G1/2	CL1.0	1





## Manometri e vuotometri interamente in INOX

Gauges and vacuum gauges complete INOX

Manometer und Vakuummeter vollständig Edelstahl

### Dati tecnici manometri a secco attacco posteriore (serie MXX83)

Gauges back connection technical data (MXX83 series)

Technischen Daten der Manometer zuruck Angriff (Serie MXX83)

#### Applicazioni

Adatti per tutti gli impieghi dove esistono processi corrosivi. Tutte le applicazioni particolari (attacchi, quadranti, scale non normalizzate) possono essere risolte dalle nostre officine. Ampia disponibilità di magazzino.

#### Applications

Suitable for corrosive process gas or liquid. With liquid filled case for applications with high dynamic pressure pulsations or vibrations. Chemical/petrol-chemical, power stations, mining, on- and offshore, environmental technology, mechanical engineering and plant construction. Our workshop is able to solve all your request.

#### Anwendungen

Geeignet für alle Anwendungen, bei denen es korrosiven Prozessen. Alle spezielle Anwendungen (Ports, Zifferblätter, Skalen Nicht-Standard) können von unseren Workshops gelöst werden. Die weite Verfügbarkeit von Lager.

#### Descrizione

Manometro costruito secondo Norme UNI EN 837.1 TUTTO INOX cassa AISI 304 IP65 dn 63 mm trasparente in policarbonato. Perno e movimento in AISI 316 attacco POSTERIORE (ISO228). Quadrante in alluminio fondo bianco scala BAR nera e PSI rossa (doppia scala esclusi mano vuotometri). Classe di precisione 2,5 - 1,6% - Lancetta in Alluminio.

#### Description

Pressure gauge made according UNI EN 837.1 norms Stainless steel case AISI 304 dial 63 mm. BRASS movement and pivot BACK (ISO 228) connection - Aluminium dial White background Black BAR scale and Red PSI one (double scale except compound gauge). Accuracy 2,5, 1,6% - Aluminium index.

#### Beschreibung

Gebaut nach UNI EN 837,1, komplett Edelstahl AISI 304 Gehäuse IP65 dn 63 mm. Stift und Bewegung in AISI 316, ZURÜCK (ISO 228) Angriff, transparentem Polycarbonat, Aluminium-Zifferblatt mit weißem Hintergrund, Maßstab BAR schwarz und rot PSI (zwei Skalen Vakuummeter ausgenommen). Genauigkeitsklasse 2,5 bis 1,6%, Aluminium Hand.

#### Temperatura d'esercizio

Ambiente -30 / +65 °C  
Processo -40 / +180 °C

#### Working temperature

Environment -22 / +149 °F  
Process -40 / +356 °F

#### Betriebstemperatur

Umwelt -30 / +65 °C  
Prozess -40 / +180 °C

#### Pressione d'esercizio

Costante 75% - Variabile 60%  
Sovrappressione 25% fino a 60 bar, 15% oltre

#### Working pressure

Steady 75% - Variable 60%  
Overpressure 25% until 60 bar, 15% over

#### Betriebsdruck

Konstant 75% - Variable 60%  
Überdruck bis 60 bar, mehr als 15%

#### Varianti

Scale Normalizzate: Vuotometro -1 / 0 Bar+CmHg; Mano-vuotometro -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Variants d63

Normalized scale: gauge compound -1 / 0 Bar+CmHg; Water pressure gauge -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Varianten D63

Maßstab normalisierten Vakuummeter -1 / 0 Bar+CmHg; Mano-Vakuummeter -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 nur Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Opzioni prodotto

Filletto NPT ANSI B.1.20.1 con o senza glicerina, sgrassatura uso ossigeno, scale e/o attacchi personalizzati, loghi, settori colorati.

#### Product options

NPT ANSI B.1.20.1 thread, With or without glycerin, OXYGEN SERVICE, customize range, Scale or logo; Colored sector.

#### Produkt-Optionen

Gewinde NPT ANSI B.1.20.1 mit oder ohne Glycerin, Entfetten Verwendung Sauerstoff, greift Treppen und/oder individuelle Logos, farbigen Sektoren.

## MXX 83



### Manometri a secco attacco posteriore

Gauges back connection  
Manometer zuruck Angriff

Ø	B	D	D1	H	G"	CH	Kg
63	29	62	68	56	G1/4	14	0.109

Codice/Code	Ø	Scala (bar) Range	Attacco" Connection"	Precisione Accuracy	
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VUOTOMETRO - VACUUM GAUGE - Vakuummeter

**MXX836314099P** 63 -1 ÷ 0 G1/4 CL1.6 1

MANOMETRI - GAUGES - Manometer

**MXX836314001P** 63 0 ÷ 1 G1/4 CL1.6 1

**MXX836314106P** 63 0 ÷ 1.6 G1/4 CL1.6 1

**MXX836314205P** 63 0 ÷ 2.5 G1/4 CL1.6 1

**MXX836314004P** 63 0 ÷ 4 G1/4 CL1.6 1

**MXX836314006P** 63 0 ÷ 6 G1/4 CL1.6 1

**MXX836314010P** 63 0 ÷ 10 G1/4 CL1.6 1

**MXX836314016P** 63 0 ÷ 16 G1/4 CL1.6 1

**MXX836314025P** 63 0 ÷ 25 G1/4 CL1.6 1

**MXX836314040P** 63 0 ÷ 40 G1/4 CL1.6 1

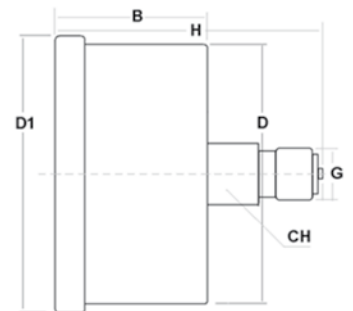
**MXX836314060P** 63 0 ÷ 60 G1/4 CL1.6 1

**MXX836314100P** 63 0 ÷ 100 G1/4 CL1.6 1

**MXX836314160P** 63 0 ÷ 160 G1/4 CL1.6 1

**MXX836314250P** 63 0 ÷ 250 G1/4 CL1.6 1

**MXX836314400P** 63 0 ÷ 400 G1/4 CL1.6 1



## Dati tecnici manometri a secco attacco posteriore con flangia 3 fori (serie MXX84)

Gauges back connection with 3 holes flange technical data (MXX84 series)

Technischen Daten der Manometer zuruck Angriff mit Paneelring (Serie MXX84)

### Applicazioni

Adatti per tutti gli impieghi dove esistono processi corrosivi. Tutte le applicazioni particolari (attacchi, quadranti, scale non normalizzate) possono essere risolte dalle nostre officine. Ampia disponibilità di magazzino.

### Applications

Suitable for corrosive process gas or liquid. With liquid filled case for applications with high dynamic pressure pulsations or vibrations. Chemical/petrol-chemical, power stations, mining, on- and offshore, environmental technology, mechanical engineering and plant construction. Our workshop is able to solve all your request.

### Anwendungen

Geeignet für alle Anwendungen, bei denen es korrosiven Prozessen. Alle spezielle Anwendungen (Ports, Zifferblätter, Skalen Nicht-Standard) können von unseren Workshops gelöst werden. Die weite Verfügbarkeit von Lager.

### Descrizione

Manometro costruito secondo Norme UNI EN 837.1 TUTTO INOX cassa AISI 304 IP65 dn 63 mm trasparente in policarbonato. Perno e movimento in AISI 316 attacco POSTERIORE con FLANGIA (ISO 228). Quadrante in alluminio fondo bianco scala BAR nera e PSI rossa (doppia scala esclusi mano vuotometri). Classe di precisione 2,5 - 1,6% - Lancetta in Alluminio

### Description

All stainless steel pressure gauge made according UNI EN 837.1 norms case AISI 304 dial 63 mm. Stainless steel AISI 316 movement and pivot BACK (ISO 228) connection with panel FLANGE - Aluminum dial White background Black BAR scale and Red PSI one (double scale except compoud gauge) Accuracy 2,5, 1,6% - Aluminum index

### Beschreibung

Gebaut nach UNI EN 837.1, komplett Edelstahl AISI 304 Gehäuse IP65 dn 63 mm. Stift und Bewegung in AISI 316, ZURÜCK (ISO 228). Angriff mit Frontring, transparentem Polycarbonat, Aluminium-Zifferblatt mit weißem Hintergrund, Maßstab BAR schwarz und rot PSI (zwei Skalen Vakuummeter ausgeschlossen). Genauigkeitsklasse 2,5 bis 1,6%, - Aluminium Hand

### Temperatura d'esercizio

Ambiente -30 / +65 °C  
Processo -40 / +180 °C

### Working temperature

Environment -22 / +149 °F  
Process -40 / +356 °F

### Betriebstemperatur

Umwelt -30 / +65 °C  
Prozess -40 / +180 °C

### Pressione d'esercizio

Costante 75% - Variabile 60%  
Sovrappressione 25% fino a 60 bar, 15% oltre

### Working pressure

Steady 75% - Variable 60%  
Overpressure 25% until 60 bar, 15% over

### Betriebsdruck

Konstant 75% - Variable 60%  
Überdruck bis 60 bar, mehr als 15%

### Varianti

Scale Normalizzate: Vuotometro -1 / 0 Bar+CmHg; Manovuotometro -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

### Variants

Normalized scale: gauge compound -1 / 0 Bar+CmHg; Water pressure gauge -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

### Varianten

Maßstab normalisierten Vakuummeter -1 / 0 Bar+CmHg; Manovuotometer -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 nur Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Ps

### Opzioni prodotto

Filletto NPT ANSI B.1.20.1 - Sgrassatura uso ossigeno, scale e/o attacchi personalizzati, loghi, settori colorati.

### Product options

NPT ANSI B.1.20.1 thread, With or without glycerine, OXYGENE SERVICE customize range, scale or logo; Colored sector.

### Produkt-Optionen

Gewinde NPT ANSI B.1.20.1 mit oder ohne Glycerin, Entfetten Verwendung Sauerstoff, greift Treppen und/oder individuelle Logos, farbigen Sektoren.

## MXX 84



### Manometri a secco attacco posteriore flangia 3 fori

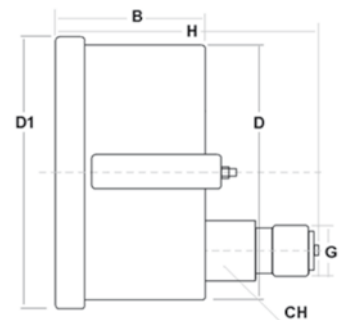
Gauges back connection with 3 holes flange  
Manometer zuruck Angriff mit Paneelring

Ø	B	D	D1	H	G"	CH	Kg
63	29	62	83	56	G1/4	14	0.153

Codice/Code	Ø	Scala (bar) Range	Attacco "Connection"	Precisione Accuracy	
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VUOTOMETRO - VACUUM GAUGE - Vakuummeter

<b>MXX846314099F</b>	63	-1 ÷ 0	G1/4	CL1.6	1
MANOMETRI - GAUGES - Manometer					
<b>MXX846314001F</b>	63	0 ÷ 1	G1/4	CL1.6	1
<b>MXX846314106F</b>	63	0 ÷ 1,6	G1/4	CL1.6	1
<b>MXX846314205F</b>	63	0 ÷ 2,5	G1/4	CL1.6	1
<b>MXX846314004F</b>	63	0 ÷ 4	G1/4	CL1.6	1
<b>MXX846314006F</b>	63	0 ÷ 6	G1/4	CL1.6	1
<b>MXX846314010F</b>	63	0 ÷ 10	G1/4	CL1.6	1
<b>MXX846314016F</b>	63	0 ÷ 16	G1/4	CL1.6	1
<b>MXX846314025F</b>	63	0 ÷ 25	G1/4	CL1.6	1
<b>MXX846314040F</b>	63	0 ÷ 40	G1/4	CL1.6	1
<b>MXX846314060F</b>	63	0 ÷ 60	G1/4	CL1.6	1
<b>MXX846314100F</b>	63	0 ÷ 100	G1/4	CL1.6	1
<b>MXX846314160F</b>	63	0 ÷ 160	G1/4	CL1.6	1
<b>MXX846314250F</b>	63	0 ÷ 250	G1/4	CL1.6	1
<b>MXX846314400F</b>	63	0 ÷ 400	G1/4	CL1.6	1



# Manometri e vuotometri interamente in INOX

Gauges and vacuum gauges complete INOX

Manometer und Vakuummeter vollständig Edelstahl

## Dati tecnici manometri glicerina attacco radiale (serie MXX92)

Gauges liquid fillable bottom connection technical data (MXX92 series)

Technischen Daten der Manometer Glycerin radial Angriff (Serie MXX92)

### Applicazioni

Adatti per tutti gli impieghi dove esistono processi corrosivi. Tutte le applicazioni particolari (attacchi, quadranti, scale non normalizzate) possono essere risolte dalle nostre officine. Ampia disponibilità di magazzino.

### Applications

Suitable for corrosive process gas or liquid. With liquid filled case for applications with high dynamic pressure pulsations or vibrations. Chemical/petrol-chemical, power stations, mining, on- and offshore, environmental technology, mechanical engineering and plant construction. Our workshop is able to solve all your request.

### Anwendungen

Geeignet für alle Anwendungen, bei denen es korrosiven Prozessen. Alle spezielle Anwendungen (Ports, Zifferblätter, Skalen Nicht-Standard) können von unseren Workshops gelöst werden. Die weite Verfügbarkeit von Lager.

### Descrizione

Manometro costruito secondo Norme UNI EN 837.1 TUTTO INOX cassa AISI 304 IP65 dn 63 - 100 mm. Perno e movimento in AISI 316 attacco RADIALE (ISO 228).

Per d63: trasparente in policarbonato, quadrante in alluminio fondo bianco scala BAR, nera e PSI rossa (doppia scala esclusi mano vuotometri). Classe di precisione 2,5 - 1,6% Lancetta in Alluminio; Per d100: trasparente in vetro stratificato di sicurezza, con tappo posteriore di sicurezza scala in BAR classe di precisione 1.0% - lancetta in alluminio micrometrica aggiustabile.

### Description

All stainless steel pressure gauge made according UNI EN 837.1 norms case AISI 304 dial 63-100 mm. Stainless steel AISI 316 movement and pivot BOTTOM (ISO 228) connection.

For d63: - Aluminum dial White background Black BAR scale and Red PSI one (double scale except compound gauge) - Accuracy 2,5, 1,6% - Aluminum index.

For d100: safety glass window with back blow out cap, aluminum dial white background black BAR scale, accuracy 1.0% - Micrometric adjustable aluminum index.

### Beschreibung

Gebaut nach UNI EN 837.1, komplett Edelstahl AISI 304 Gehäuse IP65 dn 63 - 100 mm. Stift und Bewegung in AISI 316, RADIAL Angriff (ISO 228). Für d63: aus transparentem Polycarbonat, Aluminium-Zifferblatt mit weißem Hintergrund, Maßstab BAR schwarz und rot PSI (zwei Skalen Vakuummeter ausgeschlossen). Genauigkeitsklasse 2,5 bis 1,6%, Aluminium Hand; Für d100: transparent VSG, mit Zurückkappe Sicherheit, Skalierbarkeit BAR, Genauigkeitsklasse 1,0% - hand Aluminium Feineinstellung.

### Temperatura d'esercizio

Ambiente -30 / +65 °C  
Processo -40 / +180 °C

### Working temperature

Environment -22 / +149 °F  
Process -40 / +356 °F

### Betriebstemperatur

Umwelt -30 / +65 °C  
Prozess -40 / +180 °C

### Pressione d'esercizio

Costante 75% - Variabile 60% - Sovrapressione 25% fino a 60 bar, 15% oltre

### Working pressure

Steady 75% - Variable 60% - Overpressure 25% until 60 bar, 15% over

### Betriebsdruck

Konstant 75% - Variable 60% - 25% Überdruck bis 60 bar, mehr als 15%

### Varianti d63

Scale Normalizzate: Vuotometro -1 / 0 Bar+CmHg; Mano-vuotometro -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

### Variants d63

Normalized scale: gauge compound -1 / 0 Bar+CmHg; Water pressure gauge -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

### Varianten D63

Maßstab normalisierten Vakuummeter -1 / 0 Bar+CmHg; Mano-Vakuummeter -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 nur Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

### Varianti d100

Scale Normalizzate: -1 / 0; -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15; 1; 1,6; 2,5; 4; 6; 10; 16; 25; 40; 60; 100; 160; 250; 400; 600; 1000; 1600 bar

### Variants d100

Normalized scale: -1 / 0; -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15; 1; 1,6; 2,5; 4; 6; 10; 16; 25; 40; 60; 100; 160; 250; 400; 600; 1000; 1600 bar

### Varianten D100

Maßstab normalisierten -1 / 0; -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15; 1; 1,6; 2,5; 4; 6; 10; 16; 25; 40; 60; 100; 160; 250; 400; 600; 1000; 1600 bar

### Opzioni prodotto

Filetto NPT ANSI B.1.20.1 con o senza glicerina, Sgrassatura uso ossigeno, scale e/o attacchi personalizzati, loghi, settori colorati, vetro di sicurezza (d100), esecuzione SOLID FRONT (d100), separatori (d100), contatti elettrici (d100), attacco radiale ad ore 3/9/12.

### Product options

NPT ANSI B.1.20.1 thread, With or without glycerine, OXYGENE SERVICE customize range, scale or logo; Colored sector; SAFETY glass, SOLID FRONT production, radial connection 3/9/12 hours.

### Produkt-Optionen

Gewinde NPT ANSI B.1.20.1 mit oder ohne Glycerin, Entfetten Verwendung Sauerstoff, Treppen Angriffen und/oder individuelle Logos, farbige Einheiten, Sicherheitsglas (d100), läuft SOLID FRONT (d100), Abscheider (d100), elektrische Kontakte (d100), 3/9/12 Stunden.

## MXX 92



### Manometri glicerina attacco radiale

Gauges liquid fillable bottom connection  
Manometer Glycerin radial Angriff

Ø	A	B	D	D1	H	G"	CH	Kg
63	10	31	62	66	54	G1/4	14	0.136
100	28	59	101	110	86	G1/2	22	1

Codice/Code	Ø	Scala (bar) Range	Attacco" Connection"	Precisione Accuracy	
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VUOTOMETRO - VACUUM GAUGE - Vakuummeter

<b>MXX926314099R</b>	63	-1 ÷ 0	G1/4	CL1.6	1
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MANOMETRI - GAUGES - Manometer

<b>MXX926314206R</b>	63	0 ÷ 0.6	G1/4	CL1.6	1
<b>MXX926314001R</b>	63	0 ÷ 1	G1/4	CL1.6	1
<b>MXX926314106R</b>	63	0 ÷ 1.6	G1/4	CL1.6	1
<b>MXX926314205R</b>	63	0 ÷ 2.5	G1/4	CL1.6	1
<b>MXX926314004R</b>	63	0 ÷ 4	G1/4	CL1.6	1
<b>MXX926314006R</b>	63	0 ÷ 6	G1/4	CL1.6	1
<b>MXX926314010R</b>	63	0 ÷ 10	G1/4	CL1.6	1
<b>MXX926314016R</b>	63	0 ÷ 16	G1/4	CL1.6	1
<b>MXX926314025R</b>	63	0 ÷ 25	G1/4	CL1.6	1
<b>MXX926314040R</b>	63	0 ÷ 40	G1/4	CL1.6	1
<b>MXX926314060R</b>	63	0 ÷ 60	G1/4	CL1.6	1
<b>MXX926314100R</b>	63	0 ÷ 100	G1/4	CL1.6	1
<b>MXX926314160R</b>	63	0 ÷ 160	G1/4	CL1.6	1
<b>MXX926314250R</b>	63	0 ÷ 250	G1/4	CL1.6	1
<b>MXX926314400R</b>	63	0 ÷ 400	G1/4	CL1.6	1
<b>MXX926314600R</b>	63	0 ÷ 600	G1/4	CL1.6	1

VUOTOMETRO - VACUUM GAUGE - Vakuummeter

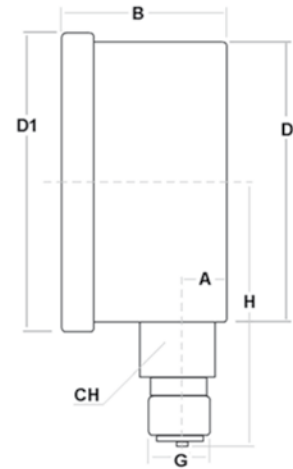
<b>MXX921012099R</b>	100	-1 ÷ 0	G1/2	CL1.0	1
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MANOVUOMETRO - COMPOUND - Manometer

<b>MXX921012115R</b>	100	-1 ÷ 1.5	G1/2	CL1.0	1
<b>MXX921012903R</b>	100	-1 ÷ 3	G1/2	CL1.0	1
<b>MXX921012905R</b>	100	-1 ÷ 5	G1/2	CL1.0	1
<b>MXX921012909R</b>	100	-1 ÷ 9	G1/2	CL1.0	1

MANOMETRI - GAUGES - Manometer

<b>MXX921012206R</b>	100	0 ÷ 0.6	G1/2	CL1.0	1
<b>MXX921012001R</b>	100	0 ÷ 1	G1/2	CL1.0	1
<b>MXX921012106R</b>	100	0 ÷ 1.6	G1/2	CL1.0	1
<b>MXX921012205R</b>	100	0 ÷ 2.5	G1/2	CL1.0	1
<b>MXX921012004R</b>	100	0 ÷ 4	G1/2	CL1.0	1
<b>MXX921012006R</b>	100	0 ÷ 6	G1/2	CL1.0	1
<b>MXX921012010R</b>	100	0 ÷ 10	G1/2	CL1.0	1
<b>MXX921012016R</b>	100	0 ÷ 16	G1/2	CL1.0	1
<b>MXX921012025R</b>	100	0 ÷ 25	G1/2	CL1.0	1
<b>MXX921012040R</b>	100	0 ÷ 40	G1/2	CL1.0	1
<b>MXX921012060R</b>	100	0 ÷ 60	G1/2	CL1.0	1
<b>MXX921012100R</b>	100	0 ÷ 100	G1/2	CL1.0	1
<b>MXX921012160R</b>	100	0 ÷ 160	G1/2	CL1.0	1
<b>MXX921012250R</b>	100	0 ÷ 250	G1/2	CL1.0	1
<b>MXX921012400R</b>	100	0 ÷ 400	G1/2	CL1.0	1
<b>MXX921012600R</b>	100	0 ÷ 600	G1/2	CL1.0	1
<b>MXX921012M00R</b>	100	0 ÷ 1000	G1/2	CL1.0	1



## MXX 99



### Staffa posteriore per manometri glicerina tutto inox d.50-63

Back clamp for inox gauges liquid fillable back connec. d.50-63  
Pannelblech für Manometer Glycerin INOX Ø63

Codice/Code	Ø		
<b>MXX990063</b>	50-63		1

## Manometri e vuotometri interamente in INOX

Gauges and vacuum gauges complete INOX

Manometer und Vakuummeter vollständig Edelstahl

### Dati tecnici manometri glicerina attacco posteriore (serie MXX93)

Gauges liquid fillable back connection technical data (MXX93 series)

Technischen Daten der Manometer Glycerin zuruck Angriff (Serie MXX93)

#### Applicazioni

Adatti per tutti gli impieghi dove esistono processi corrosivi. Tutte le applicazioni particolari (attacchi, quadranti, scale non normalizzate) possono essere risolte dalle nostre officine. Ampia disponibilità di magazzino.

#### Applications

Suitable for corrosive process gas or liquid. With liquid filled case for applications with high dynamic pressure pulsations or vibrations. Chemical/petrol-chemical, power stations, mining, on- and offshore, environmental technology, mechanical engineering and plant construction. Our workshop is able to solve all your request.

#### Anwendungen

Geeignet für alle Anwendungen, bei denen es korrosiven Prozessen. Alle spezielle Anwendungen (Ports, Zifferblätter, Skalen Nicht-Standard) können von unseren Workshops gelöst werden. Die weite Verfügbarkeit von Lager.

#### Descrizione

Manometro costruito secondo Norme UNI EN 837.1 TUTTO INOX cassa AISI 304 IP65 dn 63 mm trasparente in policarbonato. Perno e movimento in AISI 316 attacco POSTERIORE (ISO 228). Quadrante in alluminio fondo bianco scala BAR nera e PSI rossa (doppia scala esclusi mano vuotometri). Classe di precisione 2,5 - 1,6% - Lancetta in Alluminio.

#### Description

Pressure gauge made according UNI EN 837.1 norms Stainless steel case AISI 304 dial 63 mm. BRASS movement and pivot BACK (ISO 228) connection - Aluminum dial White background Black BAR scale and Red PSI one (double scale except compound gauge). Accuracy 2,5, 1,6% - Aluminum index.

#### Beschreibung

Gebaut nach UNI EN 837.1, komplett Edelstahl AISI 304 Gehäuse IP65 dn 63 mm. Stift und Bewegung in AISI 316, ZURÜCK (ISO 228) Angriff, transparentem Polycarbonat, Aluminium-Zifferblatt mit weißem Hintergrund, Maßstab BAR schwarz und rot PSI (zwei Skalen Vakuummeter ausgeschlossen). Genauigkeitsklasse 2,5 bis 1,6%, Aluminium Hand.

#### Temperatura d'esercizio

Ambiente -10 / +65 °C  
Processo 0 / +75 °C

#### Working temperature

Environment +14 / +149 °F  
Process +32 / +167 °

#### Betriebstemperatur

Umwelt -30 / +65 °C  
Prozess -40 / +180 °C

#### Pressione d'esercizio

Costante 75% - Variabile 60%  
Sovrappressione 25% fino a 60 bar, 15% oltre

#### Working pressure

Steady 75% - Variable 60%  
Overpressure 25% until 60 bar, 15% over

#### Betriebsdruck

Konstant 75% - Variable 60%  
Überdruck bis 60 bar, mehr als 15%

#### Varianti

Scale Normalizzate: Vuotometro -1 / 0 Bar+CmHg; Manovuotometro -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Variants D63

Normalized scale: gauge compound -1 / 0 Bar+CmHg; Water pressure gauge -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Varianten D63

Maßstab normalisierten Vakuummeter -1 / 0 Bar+CmHg; Manovuotometro -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 nur Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Opzioni prodotto

Filetto NPT ANSI B.1.20.1 con o senza glicerina, sgrassatura uso ossigeno, scale e/o attacchi personalizzati, loghi, settori colorati.

#### Product options

NPT ANSI B.1.20.1 thread, With or without glycerine, OXYGEN SERVICE, customize range, Scale or logo; Colored sector.

#### Produkt-Optionen

Gewinde NPT ANSI B.1.20.1 mit oder ohne Glycerin, Entfetten Verwendung Sauerstoff, greift Treppen und/oder individuelle Logos, farbigen Sektoren.

## MXX 93

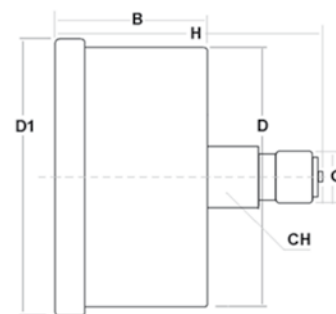


### Manometri glicerina attacco posteriore

Gauges liquid fillable back connection  
Manometer Glycerin zuruck Angriff

Ø	B	D	D1	H	G"	CH	Kg
63	29	62	68	56	G 1/4	14	0.109

Codice/Code	Ø	Scala (bar) Range	Attacco" Connection"	Precisione Accuracy	Icon
VUOTOMETRO - VACUUM GAUGE - Vakuummeter					
<b>MXX936314099P</b>	63	-1 ÷ 0	G 1/4	CL.1.6	1
MANOMETRI - GAUGES - Manometer					
<b>MXX936314001P</b>	63	0 ÷ 1	G 1/4	CL.1.6	1
<b>MXX936314106P</b>	63	0 ÷ 1.6	G 1/4	CL.1.6	1
<b>MXX936314205P</b>	63	0 ÷ 2.5	G 1/4	CL.1.6	1
<b>MXX936314004P</b>	63	0 ÷ 4	G 1/4	CL.1.6	1
<b>MXX936314006P</b>	63	0 ÷ 6	G 1/4	CL.1.6	1
<b>MXX936314010P</b>	63	0 ÷ 10	G 1/4	CL.1.6	1
<b>MXX936314016P</b>	63	0 ÷ 16	G 1/4	CL.1.6	1
<b>MXX936314025P</b>	63	0 ÷ 25	G 1/4	CL.1.6	1
<b>MXX936314040P</b>	63	0 ÷ 40	G 1/4	CL.1.6	1
<b>MXX936314060P</b>	63	0 ÷ 60	G 1/4	CL.1.6	1
<b>MXX936314100P</b>	63	0 ÷ 100	G 1/4	CL.1.6	1
<b>MXX936314160P</b>	63	0 ÷ 160	G 1/4	CL.1.6	1
<b>MXX936314250P</b>	63	0 ÷ 250	G 1/4	CL.1.6	1
<b>MXX936314400P</b>	63	0 ÷ 400	G 1/4	CL.1.6	1





### Dati tecnici manometri glicerina attacco posteriore con flangia 3 fori (serie MXX94)

Gauges liquid fillable back connection with 3 holes flange technical data (MXX94 series)

Technischen Daten der Manometer Glycerin zuruck Angriff mit Paneelring (Serie MXX94)

#### Applicazioni

Adatti per tutti gli impieghi dove esistono processi corrosivi. Tutte le applicazioni particolari (attacchi, quadranti, scale non normalizzate) possono essere risolte dalle nostre officine. Ampia disponibilità di magazzino.

#### Applications

Suitable for corrosive process gas or liquid. With liquid filled case for applications with high dynamic pressure pulsations or vibrations. Chemical/petrol-chemical, power stations, mining, on- and offshore, environmental technology, mechanical engineering and plant construction. Our workshop is able to solve all your request.

#### Anwendungen

Geeignet für alle Anwendungen, bei denen es korrosiven Prozessen. Alle spezielle Anwendungen (Ports, Zifferblätter, Skalen Nicht-Standard) können von unseren Workshops gelöst werden. Die weite Verfügbarkeit von Lager.

#### Descrizione

Manometro costruito secondo Norme UNI EN 837.1 TUTTO INOX cassa AISI 304 IP65 dn 63 mm trasparente in policarbonato. Perno e movimento in AISI 316 attacco POSTERIORE con FLANGIA (ISO 228). Quadrante in alluminio fondo bianco scala BAR nera e PSI rossa (doppia scala esclusi mano vuotometri). Classe di precisione 2,5 - 1,6% - Lancetta in Alluminio

#### Description

All stainless steel pressure gauge made according UNI EN 837.1 norms case AISI 304 dial 63 mm. Stainless steel AISI 316 movement and pivot BACK (ISO 228) connection with panel FLANGE - Aluminum dial White background Black BAR scale and Red PSI one (double scale except compound gauge) - Accuracy 2,5, 1,6% - Aluminum index

#### Beschreibung

Gebaut nach UNI EN 837.1, komplett Edelstahl AISI 304 Gehäuse IP65 dn 63 mm. Stift und Bewegung in AISI 316, ZURÜCK (ISO 228) Angriff mit Frontring, transparentem Polycarbonat, Aluminium-Zifferblatt mit weißem Hintergrund, Maßstab BAR schwarz und rot PSI (zwei Skalen Vakuummeter ausgeschlossen). Genauigkeitsklasse 2,5 bis 1,6%, Aluminium Hand;

#### Temperatura d'esercizio

Ambiente -10 / +65 °C  
Processo 0 / +75 °C

#### Working temperature

Environment +14 / +149 °F  
Process +32 / +167 °

#### Betriebstemperatur

Umwelt -30 / +65 °C  
Prozess -0 / +75 °C

#### Pressione d'esercizio

Costante 75% - Variabile 60%  
Sovrappressione 25% fino a 60 bar, 15% oltre

#### Working pressure

Steady 75% - Variable 60%  
Overpressure 25% until 60 bar, 15% over

#### Betriebsdruck

Konstant 75% - Variable 60%  
Überdruck bis 60 bar, mehr als 15%

#### Varianti

Scale Normalizzate: Vuotometro -1 / 0 Bar+CmHg; Mano-vuotometro -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Variants D63

Normalized scale: gauge compound -1 / 0 Bar+CmHg; Water pressure gauge -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 solo Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Varianten

Maßstab normalisierten Vakuummeter -1 / 0 Bar+CmHg; Mano-Vakuummeter -1+0,6; -1+1,5; -1+3; -1+5; -1+9; -1+15 nur Bar; 0,6; 1; 1,6; 2,5; 4; 6; 10; 12; 16; 25; 40; 60; 100; 160; 250; 315; 400 Bar + Psi

#### Opzioni prodotto

Filetto NPT ANSI B.1.20.1 - Sgrassatura uso ossigeno, scale e/o attacchi personalizzati, loghi, settori colorati.

#### Product options

NPT ANSI B.1.20.1 thread, With or without glycerine, OXYGENE SERVICE customize range, scale or logo; Colored sector.

#### Produkt-Optionen

Gewinde NPT ANSI B.1.20.1, Entfetten Verwendung Sauerstoff, greift Treppen und/oder individuelle Logos, farbigen Sektoren.

## MXX 94

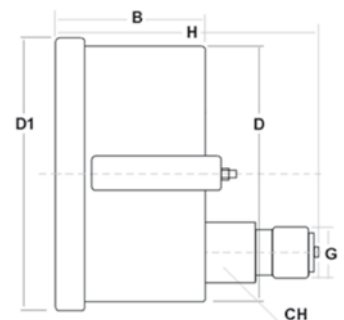


### Manometri glicerina attacco posteriore flangia 3 fori

Gauges liquid fillable back connection with 3 holes flange  
Manometer Glycerin zuruck Angriff mit Paneelring

Ø	B	D	D1	H	G"	CH	Kg
63	29	62	83	56	G1/4	14	0.153

Codice/Code	Ø	Scala (bar) Range	Attacco" Connection"	Precisione Accuracy	Icon
VUOTOMETRO - VACUUM GAUGE - Vakuummeter					
<b>MXX946314099F</b>	63	-1 ÷ 0	G1/4	CL1.6	1
MANOMETRI - GAUGES - Manometer					
<b>MXX946314001F</b>	63	0 ÷ 1	G1/4	CL1.6	1
<b>MXX946314106F</b>	63	0 ÷ 1.6	G1/4	CL1.6	1
<b>MXX946314205F</b>	63	0 ÷ 2.5	G1/4	CL1.6	1
<b>MXX946314004F</b>	63	0 ÷ 4	G1/4	CL1.6	1
<b>MXX946314006F</b>	63	0 ÷ 6	G1/4	CL1.6	1
<b>MXX946314010F</b>	63	0 ÷ 10	G1/4	CL1.6	1
<b>MXX946314016F</b>	63	0 ÷ 16	G1/4	CL1.6	1
<b>MXX946314025F</b>	63	0 ÷ 25	G1/4	CL1.6	1
<b>MXX946314040F</b>	63	0 ÷ 40	G1/4	CL1.6	1
<b>MXX946314060F</b>	63	0 ÷ 60	G1/4	CL1.6	1
<b>MXX946314100F</b>	63	0 ÷ 100	G1/4	CL1.6	1
<b>MXX946314160F</b>	63	0 ÷ 160	G1/4	CL1.6	1
<b>MXX946314250F</b>	63	0 ÷ 250	G1/4	CL1.6	1
<b>MXX946314400F</b>	63	0 ÷ 400	G1/4	CL1.6	1





## Accessori manometri

Gauges Spare parts  
Manometer Ersatzteilen

### 4000

new



#### Serpentina portamanometro M.F. girevole

Gauge-holder syphons Male / Female nickel plated PN 25  
Manometer behälter Innen/Außengewinde vernickelt PN25

Codice/Code	Misura/Size		■
400014	1/4 DN8 PN25		1
400038	3/8 DN8 PN25		1
400012	1/2 DN8 PN25		1

### 4200

new



#### Rubinetto ottone portamanometro M.f. con sfiato

Brass Gauge-holder needle valve connection Male / Female  
Manometer behälter Kugelhaene vernickelt Innen/Außengewinde mit Entlüftungs

Codice/Code	Misura/Size		■
420014	1/4		1
420038	3/8		1
420012	1/2		1

### 4300

new



#### Rubinetto ottone portamanometro M.f. a pulsante

Push button Brass Gauge-holder needle valve connection Male / Female  
Manometer behälter Kugelhaene vernickelt Innen/Außengewinde mit der Taste

Codice/Code	Misura/Size		■
430014	1/4		1
430038	3/8		1
430012	1/2		1

### 4400

new



#### Rubinetto ottone portamanometro M.f. con flangetta prova collaudo

Brass Gauge-holder needle valve connection Male / Female with norms flange  
Manometer behälter Kugelhaene vernickelt Innen/Außengewinde mit Flansch-Tests

Codice/Code	Misura/Size		■
400014	1/4 DN8 PN25		1
400038	3/8 DN8 PN25		1
400012	1/2 DN8 PN25		1

## SX

new



### Serpentina portamanometro girevole aisi 316 M. f. pn100

Gauge-holder syphons Male /Female S.S.316 PN 100

Manometer behaelter vernickelt Innen/Außengewinde AISI 316 PN 100

Codice/Code	Misura/Size		
<b>SX14</b>	1/4 DN10 PN100		1
<b>SX38</b>	3/8 DN10 PN100		1
<b>SX12</b>	1/2 DN10 PN100		1

## VPM

new



### Rubinetto portamanometro in Inox aisi 316-ptfe in linea M. f. con sfiato

Gauge-holder stainless steel aisi 316-ptfe needle valve Male / Female with vent

Manometer behaelter Kugelhaene AISI 316-ptfe Innen/Außengewinde mit Entlüftungs

Codice/Code	Misura/Size		
<b>VPM12</b>	1/2		1

## VP3

new



### Rubinetto portamanometro 3 vie in Inox aisi 316-ptfe in linea M. f. con flangia

Gauge-holder stainless steel aisi 316-ptfe needle valve Male / Female with norm flange

Manometer behaelter Kugelhaene AISI 316-ptfe Innen/Außengewinde mit Flansch

Codice/Code	Misura/Size		
<b>VPR3</b>	1/2		1

## RB

new



### Calotta di protezione

Rubber protection

Gummi-Schutz

Codice/Code	Misura/Size		
<b>RB50RNR</b>	50R		1
<b>RB50PNR</b>	50P		1
<b>RB63RNR</b>	60RNR		1
<b>RB63RRS</b>	60RRS		1
<b>RB63RBL</b>	60RBL		1
<b>RB100RNR</b>	100RNR		1

## Accessori manometri

Gauges Spare parts  
Manometer Ersatzteilen

### VLR

new



#### Lancetta rossa

Red index  
Rot Nadel

Codice/Code	Misura/Size		■
V40LR	40		1
V63LR	63		1
V100LR	100		1

### VLT

new



#### Lancetta di trascinamento

Drag index  
Ziehen Nadel

Codice/Code	Misura/Size		■
V63LT	63		1
V100LT	100		1

### X420

new



#### Adattatore NPT

Npt adaptor  
NPT Gewinde

Codice/Code	Misura/Size		■
X42014	1/4NPTGAS		1
X42012	1/2NPTGAS		1

## Dati tecnici regolatori-filtri-lubrificatori-gruppi FRL

Regulators-filters-lubricators-FRL units technical data

Technischen Daten der Wartungseinheiten Serie Metall

### Regolatore di pressione con relieving

Pressione massima d'ingresso: 18 bar.  
 Campo di regolazione: 0-12 bar, su richiesta 0-2, 0-4, 0-8 bar.  
 Portata a 6 bar ΔP 1 bar: 1/8"-1/4" 850 NL/min., 3/8"-1/2" 2600 NL/min., 3/4"-1" 4600 NL/min.  
 Temperatura max. a 10 bar: +50°C.  
 Attacco manometro 1/8" per (1/8-1/4-3/8-1/2), 1/4" per (3/4-1")

### Regulator with relieving

Maximum inlet pressure: 18 bar.  
 Pressure adjusting range: 0-12 bar, on demand 0-2, 0-4, 0-8 bar.  
 Flow rate at 6 bar ΔP 1 bar: 1/8"-1/4" 850 NL/min., 3/8"-1/2" 2600 NL/min., 3/4"-1" 4600 NL/min.  
 Maximum temperature at 10 bar: +50°C.  
 Pressure gauge thread 1/8" for (1/8-1/4-3/8-1/2), 1/4" for (3/4-1")

### Druckregler

Maximaler Eingangsdruck: 18 bar.  
 Regelbereich: 0-12 bar, auf Anfrage 0-2, 0-4, 0-8 bar.  
 Durchfluss bei 6 bar ΔP 1 bar: 1/8"-1/4" 850 NL/min., 3/8"-1/2" 2600 NL/min., 3/4"-1" 4600 NL/min.  
 Maximale Temperatur bei 10 bar: +50 °C.  
 Manometer 1/8" für (1/8-1/4-3/8-1/2), 1/4" für (3/4-1")

### Filtro

Fluid: aria compressa.  
 Grado di filtrazione: 20 micron, a richiesta 4 o 50 micron.  
 Scarico condensa: manuale/semiautomatico, a richiesta automatico.  
 Capacità tazza cm³: 20 (1/8-1/4), 60 (3/8-1/2), 100 (3/4-1").  
 Pressione massima d'ingresso: 18 bar.  
 Pressione massima d'ingresso con scarico condensa automatico: 10 bar.  
 Portata a 6 bar ΔP 1 bar: 1/8"-1/4" 1750 NL/min., 3/8"-1/2" 4300 NL/min., 3/4"-1" 11000 NL/min.  
 Temperatura max a 10 bar: +50°C

### Filter

Fluid: compressed air.  
 Degree of filtration: 20 micron, on demand 4 or 50 micron.  
 Condensate drain: manual/semiautomatic, on demand automatic.  
 Bowl capacity cm³: 20 (1/8-1/4), 60 (3/8-1/2), 100 (3/4-1").  
 Maximum inlet pressure: 18 bar.  
 Maximum inlet pressure with automatic drain: 10 bar.  
 Flow rate at 6 bar ΔP 1 bar: 1/8"-1/4" 1750 NL/min., 3/8"-1/2" 4300 NL/min., 3/4"-1" 11000 NL/min.  
 Maximum temperature at 10 bar: +50°C

### Filter

Fluid: Druckluft.  
 Abscheidegrad: 20 Mikron, auf Anfrage 4 oder 50 Mikron.  
 Kondensatablass: manuell / halbautomatisch, auf Verlangen automatische.  
 Behältervolumen cm³: 20 (1/8-1/4), 60 (3/8-1/2), 100 (3/4-1").  
 Maximaler Eingangsdruck: 18 bar.  
 Maximaler Eingangsdruck mit Kondensat-Automatik: 10 bar.  
 Durchfluss bei 6 bar ΔP: 1 bar 1/8"-1/4" 1750 NL/min., 3/8"-1/2" 4300 NL/min., 3/4"-1" 11000 NL/min.  
 Maximale Temperatur bei 10 bar: +50 °C

### Lubrificatore

Fluid: aria compressa.  
 Capacità tazza cm³: 50 (1/8-1/4), 150 (3/8-1/2), 400 (3/4-1").  
 Pressione massima d'ingresso: 18 bar.  
 Tipo di lubrificazione: nebbia d'olio.  
 Regolazione lubrificazione: mediante vite micrometrica.  
 Portata a 6 bar ΔP 1 bar: 1/8"-1/4" 1700 NL/min., 3/8"-1/2" 4500 NL/min., 3/4"-1" 16000 NL/min.  
 Temperatura max a 10 bar: +50°C

### Lubricator

Fluid: compressed air.  
 Bowl capacity cm³: 50 (1/8-1/4), 150 (3/8-1/2), 400 (3/4-1").  
 Maximum inlet pressure: 18 bar.  
 Type of lubrication: oil mist.  
 Lubrication adjustment: means of a micrometer screw.  
 Flow rate at 6 bar ΔP 1 bar: 1/8"-1/4" 1700 NL/min., 3/8"-1/2" 4500 NL/min., 3/4"-1" 16000 NL/min.  
 Maximum temperature at 10 bar: +50°C

### Nebelöler

Fluid: Druckluft.  
 Behältervolumen cm³: 50 (1/8-1/4), 150 (3/8-1/2), 400 (3/4-1").  
 Maximaler Eingangsdruck: 18 bar.  
 Art der Schmierung: Ölnebel.  
 Öl-Regulierschraube: Mikrometerschraube.  
 Durchfluss bei 6 bar ΔP 1 bar: 1/8"-1/4" 1700 NL/min., 3/8"-1/2" 4500 NL/min., 3/4"-1" 16000 NL/min.  
 Maximale Temperatur bei 10 bar: +50 °C

### Filtro regolatore

Fluid: aria compressa.  
 Grado di filtrazione: 20 micron, a richiesta 4 o 50 micron.  
 Capacità tazza cm³: 20 (1/8-1/4), 60 (3/8-1/2), 100 (3/4-1").  
 Scarico condensa: manuale/semiautomatico, a richiesta automatico.  
 Pressione massima d'ingresso: 18 bar.  
 Campo di regolazione: 0-12 bar, su richiesta 0-2, 0-4, 0-8 bar.  
 Portata a 6 bar ΔP 1 bar: 1/8"-1/4" 850 NL/min., 3/8"-1/2" 2600 NL/min., 3/4"-1" 4600 NL/min.  
 Temperatura max. a 10 bar: +50°C.  
 Attacco manometro 1/8" per (1/8-1/4-3/8-1/2), 1/4" per (3/4-1")

### Filter regulator

Fluid: compressed air.  
 Degree of filtration: 20 micron, on demand 4 or 50 micron.  
 Bowl capacity cm³: 20 (1/8-1/4), 60 (3/8-1/2), 100 (3/4-1").  
 Condensate drain: manual/semiautomatic, on demand automatic.  
 Maximum inlet pressure: 18 bar.  
 Pressure adjusting range: 0-12 bar, on demand 0-2, 0-4, 0-8 bar.  
 Flow rate at 6 bar ΔP 1 bar: 1/8"-1/4" 850 NL/min., 3/8"-1/2" 2600 NL/min., 3/4"-1" 4600 NL/min.  
 Maximum temperature at 10 bar: +50°C.  
 Pressure gauge thread 1/8" for (1/8-1/4-3/8-1/2), 1/4" for (3/4-1")

### Filterregler

Fluid: Druckluft.  
 Filtration: 20 Mikron, auf Anfrage 4 oder 50 Mikron.  
 Behältervolumen cm³: 20 (1/8-1/4), 60 (3/8-1/2), 100 (3/4-1").  
 Kondensatablass: manuell / halbautomatisch, auf Verlangen automatische.  
 Maximaler Eingangsdruck: 18 bar.  
 Messbereiche: 0-12 bar, auf Anfrage 0-2, 0-4, 0-8 bar.  
 Durchfluss bei 6 bar ΔP 1 bar: 1/8"-1/4" 850 NL/min., 3/8"-1/2" 2600 NL/min., 3/4"-1" 4600 NL/min.  
 Maximale Temperatur bei 10 bar: +50 °C.  
 Manometer 1/8" für (1/8-1/4-3/8-1/2), 1/4" für (3/4-1")

### Filtro regolatore + lubrificatore

Fluid: aria compressa.  
 Grado di filtrazione: 20 micron, a richiesta 4 o 50 micron.  
 Scarico condensa: manuale/semiautomatico, a richiesta automatico.  
 Pressione massima d'ingresso: 18 bar.  
 Pressione massima d'ingresso con scarico condensa automatico: 10 bar.  
 Campo di regolazione: 0-12 bar, su richiesta 0-2, 0-4, 0-8 bar.  
 Portata a 6 bar ΔP 1 bar: 1/8"-1/4" 700 NL/min., 3/8"-1/2" 2500 NL/min., 3/4"-1" 4600 NL/min.  
 Temperatura max. a 10 bar: +50°C.  
 Attacco manometro 1/8" per (1/8-1/4-3/8-1/2), 1/4" per (3/4-1")

### Filter regulator + lubricator

Fluid: compressed air.  
 Degree of filtration: 20 micron, on demand 4 or 50 micron.  
 Condensate drain: manual/semiautomatic, on demand automatic.  
 Maximum inlet pressure: 18 bar.  
 Maximum inlet pressure with automatic drain: 10 bar.  
 Pressure adjusting range: 0-12 bar, on demand 0-2, 0-4, 0-8 bar.  
 Flow rate at 6 bar ΔP 1 bar: 1/8"-1/4" 7000 NL/min., 3/8"-1/2" 2500 NL/min., 3/4"-1" 4600 NL/min.  
 Maximum temperature at 10 bar: +50°C.  
 Pressure gauge thread 1/8" for (1/8-1/4-3/8-1/2), 1/4" for (3/4-1")

### Filterregler + Nebelöler

Fluid: Druckluft.  
 Filtration: 20 Mikron, auf Anfrage 4 oder 50 Mikron.  
 Kondensatablass: manuell / halbautomatisch, auf Verlangen automatische.  
 Maximaler Eingangsdruck: 18 bar.  
 Maximaler Eingangsdruck mit Kondensat-Automatik: 10 bar.  
 Einstellbereiche 0-12 bar, auf Anfrage 0-2, 0-4, 0-8 bar.  
 Durchfluss bei 6 bar ΔP 1 bar: 1/8"-1/4" 7000 NL/min., 3/8"-1/2" 2500 NL/min., 3/4"-1" 4600 NL/min.  
 Maximale Temperatur bei 10 bar: +50 °C.  
 Manometer 1/8" für (1/8-1/4-3/8-1/2) 1/4" für (3/4-1")

## Regolatori-filtri-lubrificatori-gruppi FRL (corpo e tazza in metallo)

Regulators-filters-lubricators-FRL units (housing and bowl in metal)

Wartungseinheiten Serie Metall

### FM 52

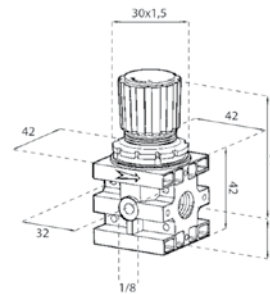


#### Regolatore di pressione con relieving

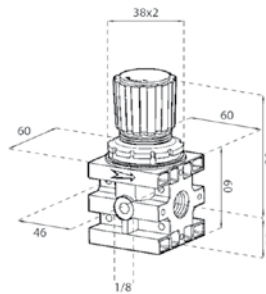
Regulator with relieving  
Druckregler

#### Dimensioni / Size / Maße

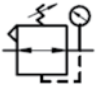
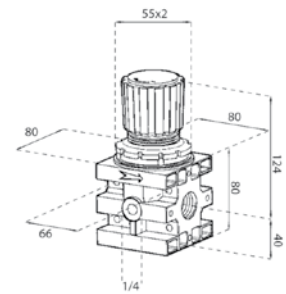
FM5212R14



FM5212R38 / FM5212R12

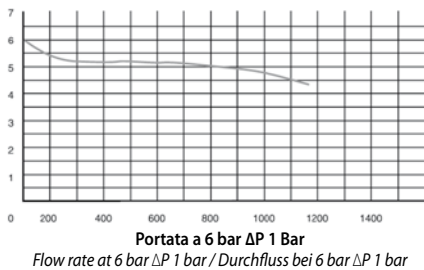


FM5212R34 / FM5212R01

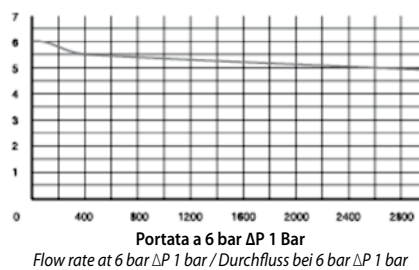


#### Diagramma di portata con pressione a 6 bar / Flow rate diagram at 6 bar / Flussdiagramm mit 6 bar

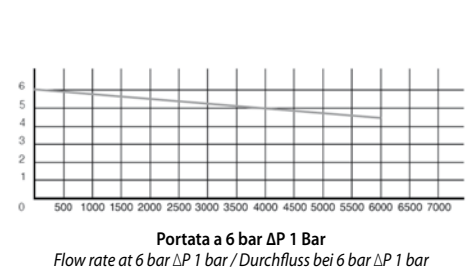
FM5212R14



FM5212R38 / FM5212R12



FM5212R34 / FM5212R01



#### Dati tecnici - technical data - Technischen Daten

	FM5212R14	FM5212R38 FM5212R12	FM5212R34 FM5212R01
Codice - Code - Kode			
Attacco manometro - Pressure gauge thread - Manometer Angriff	1/8"	1/8"	1/4"
Peso - Weight - Gewicht	0.3 kg	0.8 kg	2.2 kg
Viti di fissaggio a parete - Wall fixing screws - Befestigungsschrauben an der Wand	M4x40	M4x50	M6x75
Campo di regolazione bar - Pressure adjusting range bar - Einstellbereich bar	0 ÷ 12 su richiesta 0÷2 - 0÷4 - 0÷8 0 ÷ 12 on demand 0÷2 - 0÷4 - 0÷8 0 ÷ 12 auf Anfrage 0÷2 - 0÷4 - 0÷8		
Pressione max di ingresso - Maximum inlet pressure - Maximaler Eingangsdruck	18 bar - 261 psi - 1800 kPa - 1,8 Mpa		
Portata a 6 bar ΔP 1 bar - Flow rate at 6 bar ΔP 1 bar - Durchfluss bei 6 bar ΔP 1 bar	850 NI/min	2600 NI/min	4600 NI/min
Temperatura max a 10 bar - Maximum temperature at 10 bar - Maximaltemperatur bis 10 bar	+50°C		
Posizione di montaggio - Mounting position - Einbaulage	Qualsiasi - Any - Jeder		

Note d'uso: la pressione del regolatore deve essere impostata sempre in salita. Non prelevare aria dal foro del manometro.

Notes: the regulator pressure must always be set upwards. Do not take off air from gauge point.

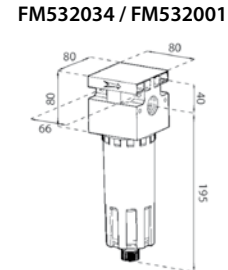
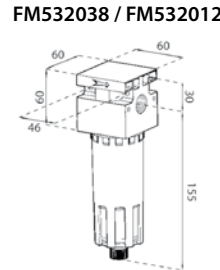
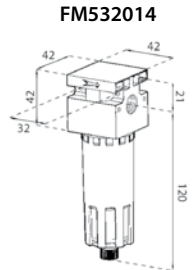
Hinweise zur Verwendung: Das Druck von Regler ist immer steigend einzustellen. Nicht ziehen Luft aus der Bohr des Manometers

## FM53



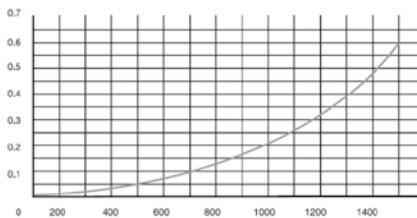
**Filtro con tazza protetta**  
Filter with outer bowl guard  
Filter

### Dimensioni / Size / Maße



### Diagramma di portata con pressione a 6 bar / Flow rate diagram at 6 bar / Flussdiagramm mit 6 bar

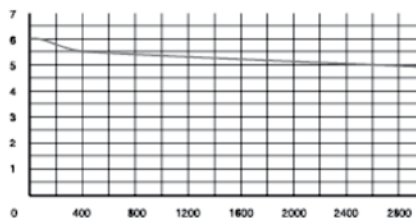
FM532014



Portata a 6 bar  $\Delta P$  1 Bar

Flow rate at 6 bar  $\Delta P$  1 bar / Durchfluss bei 6 bar  $\Delta P$  1 bar

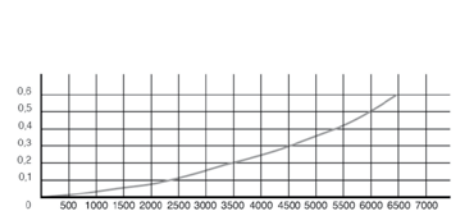
FM532038 / FM532012



Portata a 6 bar  $\Delta P$  1 Bar

Flow rate at 6 bar  $\Delta P$  1 bar / Durchfluss bei 6 bar  $\Delta P$  1 bar

FM532034 / FM532001



Portata a 6 bar  $\Delta P$  1 Bar

Flow rate at 6 bar  $\Delta P$  1 bar / Durchfluss bei 6 bar  $\Delta P$  1 bar

### Dati tecnici - technical data - Technischen Daten

	FM532014	FM532038 FM532012	FM532034 FM532001
Codice - Code - Kode			
Peso - Weight - Gewicht	0.4 kg	0.9 kg	1.9 kg
Viti di fissaggio a parete - Wall fixing screws - Befestigungsschrauben an der Wand	M4x40	M4x50	M6x75
Capacità tazza cm <sup>3</sup> - Bowl capacity cm <sup>3</sup> - Tasse Kapazität cm <sup>3</sup>	20	60	100
Scarico condensa - Condensate drain - Entwässern	Manuale/semiautomatico manual/semiautomatisch A richiesta scarico condensa automatico By request automatic drain system Auf Anfrage Kondensatautomatik		
Pressione max di ingresso - Maximum inlet pressure - Maximaler Eingangsdruck	18 bar - 261 psi - 1800 kPa - 1,8 Mpa		
Pressione max di ingresso con scarico condensa automatico Maximum inlet pressure with automatic drain - Maximalen Druck mit automatischem Kondensatableiter	10 bar		
Portata a 6 bar $\Delta P$ 1 bar - Flow rate at 6 bar $\Delta P$ 1 bar - Durchfluss bei 6 bar $\Delta P$ 1 bar	1750 NI/min	4300 NI/min	11000 NI/min
Temperatura max a 10 bar - Maximum temperature at 10 bar - Maximaltemperatur bis 10 bar	+50°C		
Grado di filtrazione - Degree of filtration - Filtrierung	20 $\mu$ m A richiesta grado di filtrazione diverso (4 $\mu$ m - 50 $\mu$ m o altro) By request different degree of filtration available (4 $\mu$ m - 50 $\mu$ m or others) Auf Anfrage verschiedene Filtrierung (4 $\mu$ m - 50 $\mu$ m oder mehr)		
Fluido - Fluid - Fluid	Aria compressa - Compressed air - Druckluft		
Posizione di montaggio - Mounting position - Einbaulage	Verticale - Vertical - Vertikal		



## Regolatori-filtri-lubrificatori-gruppi FRL (corpo e tazza in metallo)

Regulators-filters-lubricators-FRL units (housing and bowl in metal)

Wartungseinheiten Serie Metall

### FM 54

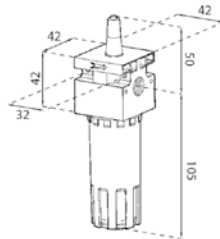
#### Lubrificatore con tazza protetta

Lubricator with outer bowl guard  
Nebelöler

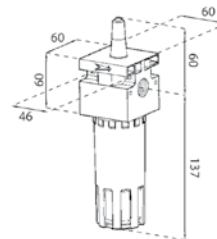


#### Dimensioni / Size / Maße

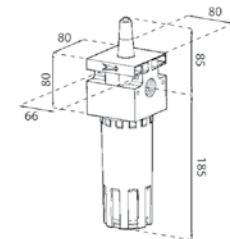
FM540014



FM540038 / FM540012

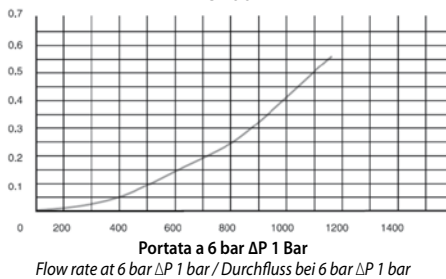


FM540034 / FM540001

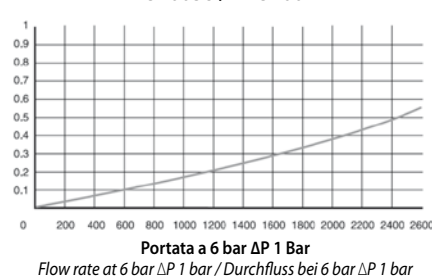


#### Diagramma di portata con pressione a 6 bar / Flow rate diagram at 6 bar / Flussdiagramm mit 6 bar

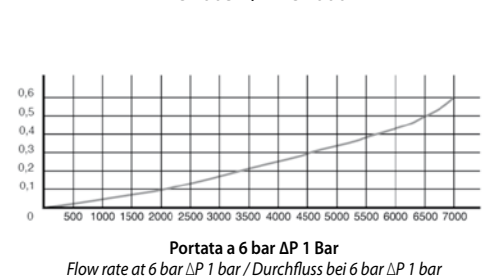
FM540014



FM540038 / FM540012



FM540034 / FM540001



#### Dati tecnici - technical data - Technischen Daten

	FM540014	FM540038 FM540012	FM540034 FM540001
Codice - Code - Kode			
Peso - Weight - Gewicht	0.3 kg	0.7 kg	1.6 kg
Viti di fissaggio a parete - Wall fixing screws - Befestigungsschrauben an der Wand	M4x40	M4x50	M6x75
Capacità tazza cm <sup>3</sup> - Bowl capacity cm <sup>3</sup> - Tasse Kapazität cm <sup>3</sup>	50	150	400
Pressione max di ingresso - Maximum inlet pressure - Maximaler Eingangsdruck	18 bar - 261 Psi - 1800 kPa - 1,8 Mpa		
Tipo di lubrificazione - Type of lubrication - Art der Schmierung	Nebbia d'olio - Oil mist - Ölnebel		
Regolazione lubrificazione - Lubrication adjustment - Öl-Regulierschraube	Mediante vite micrometrica By means of a micrometer screw beim Mikrometerschraube		
Portata a 6 bar ΔP 1 bar - Flow rate at 6 bar ΔP 1 bar - Durchfluss bei 6 bar ΔP 1 bar	1700 NI/min	4500 NI/min	16000 NI/min
Temperatura max a 10 bar - Maximum temperature at 10 bar - Maximaltemperatur bis 10 bar	+50°C		
Fluido - Fluid - Fluid	Aria compressa filtrata Filtered compressed air - Gefilterte Druckluft		
Posizione di montaggio - Mounting position - Einbaulage	Verticale - Vertical - Vertikal		

Note d'uso: usare oli ISO e UNI FD22. Regolare la lubrificazione, tramite l'apposita vite, in modo da erogare una goccia ogni 300-600 NI/min. Riempire con olio la tazza del lubrificatore prima di mettere il sistema in pressione.

Notes: oil recommended are ISO and UNI FD22. Use the screw provided to set the drip rate to drop every 300-600 NI/min. Fill the bowl with oil before pressurizing the system.

Hinweise zur Verwendung: Verwenden Sie Öl ISO und UNI FD22. Einstellen der Schmierung, mit der Stellschraube, so dass ein Tropfen jedes 300-600 NI / min liefern. Füllen Sie den Öler vor Inbetriebnahme des Systems unter Druck.

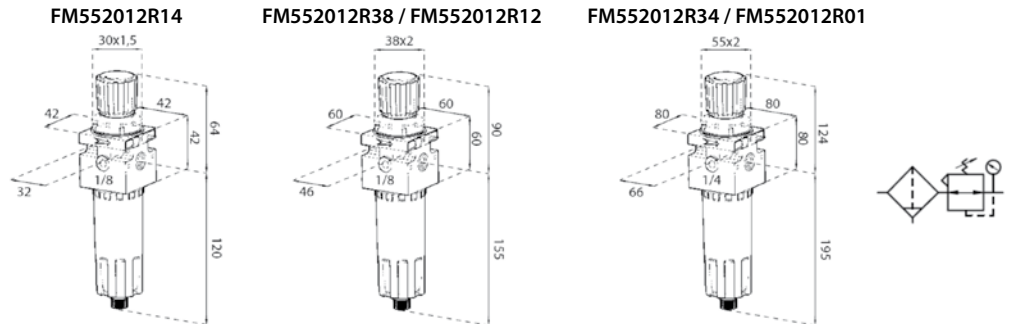
## FM55



### Filtro + regolatore con relieving e tazza protetta

Filter + regulator with relieving and outer bowl guard  
Filterregler

#### Dimensioni / Size / Maße

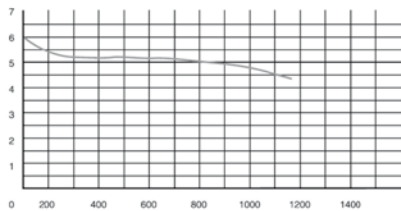


#### Diagramma di portata con pressione a 6 bar / Flow rate diagram at 6 bar / Flussdiagramm mit 6 bar

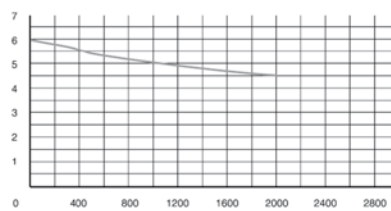
FM552012R14

FM552012R38 / FM552012R12

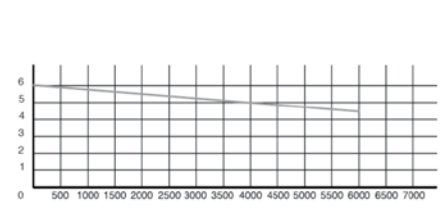
FM552012R34 / FM552012R01



Portata a 6 bar ΔP 1 bar  
Flow rate at 6 bar ΔP 1 bar / Durchfluss bei 6 bar ΔP 1 bar



Portata a 6 bar ΔP 1 bar  
Flow rate at 6 bar ΔP 1 bar / Durchfluss bei 6 bar ΔP 1 bar



Portata a 6 bar ΔP 1 bar  
Flow rate at 6 bar ΔP 1 bar / Durchfluss bei 6 bar ΔP 1 bar

#### Dati tecnici - technical data - Technischen Daten

	FM552012R14	FM552012R38 FM552012R12	FM552012R34 FM552012R01
Codice - Code - Kode			
Attacco manometro - Pressure gauge thread - Manometer Angriff	1/8"	1/8"	1/4"
Peso - Weight - Gewicht	0.35 kg	0.9 kg	2.5 kg
Viti di fissaggio a parete - Wall fixing screws - Befestigungsschrauben an der Wand	M4x40	M4x50	M6x75
Capacità tazza cm <sup>3</sup> - Bowl capacity cm <sup>3</sup> - Tasse Kapazität cm <sup>3</sup>	20	60	100
Scarico condensa - Condensate drain - Entwässern	Manuale/semiautomatico manual/semiautomatic - manual/halbautomatich A richiesta scarico condensa automatico By request automatic drain system Auf Anfrage Kondensatautomatik		
Campo di regolazione bar - Pressure adjusting range bar - Einstellbereich bar	0 ÷ 12 su richiesta 0÷2 - 0÷4 - 0÷8 0 ÷ 12 on demand 0÷2 - 0÷4 - 0÷8 0 ÷ 12 auf Anfrage 0÷2 - 0÷4 - 0÷8		
Pressione max di ingresso - Maximum inlet pressure - Maximaler Eingangsdruck	18 bar - 261 psi - 1800 kPa - 1,8 Mpa		
Portata a 6 bar ΔP 1 bar - Flow rate at 6 bar ΔP 1 bar - Durchfluss bei 6 bar	850 NI/min	2600 NI/min	4600 NI/min
Temperatura max a 10 bar - Maximum temperature at 10 bar - Maximaltemperatur bis 10 bar	+50°C		
Grado di filtrazione - Degree of filtration - Filtrierung	20 µm A richiesta grado di filtrazione diverso (4µm - 50µm o altro) By request different degree of filtration available (4µm - 50µm or others) Auf Anfrage verschiedene Filtrierung (4µm - 50µm oder mehr)		
Fluido - Fluid - Fluid	Aria compressa - Compressed air - Druckluft		
Posizione di montaggio - Mounting position - Einbaulage	Verticale - Vertical - Vertikal		

Note d'uso: la pressione del regolatore deve essere impostata sempre in salita. Pressione massima di ingresso con scarico di condensa automatico: 10 bar

Notes: the regulator pressure must always be set upwards. Maximum inlet pressure using an automatic drain: 10 bar

Hinweise zur Verwendung: Die Regler sind immer steigend einzustellen. Maximaler Eingangsdruck mit Kondensat-Automatik: 10 bar

## Regolatori-filtri-lubrificatori-gruppi FRL (corpo e tazza in metallo)

Regulators-filters-lubricators-FRL units (housing and bowl in metal)

Wartungseinheiten Serie Metall

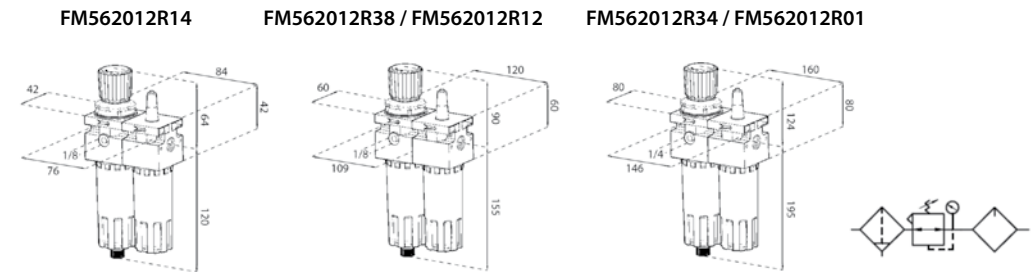
### FM 56



#### Filtro + regolatore + lubrificatore (2 pezzi) con tazze protette

Filter + regulator + lubricator (2 pcs) with outer bowls guard  
Filterregler + Nebelöler (2 stk)

#### Dimensioni / Size / Maße



#### Dati tecnici - technical data - Technischen Daten

Codice - Code - Kode	FM562012R14	FM562012R38 FM562012R12	FM562012R34 FM562012R01
Peso - Weight - Gewicht	0.9 kg	2.0 kg	4.0 kg
Viti di fissaggio a parete - Wall fixing screws - Befestigungsschrauben an der Wand	M4x40	M4x50	M6x75
Scarico condensa - Condensate drain - Entwässern	Manuale/semiautomatico manual/semiautomatic - manual/halbautomatisch A richiesta scarico condensa automatico By request automatic drain system Auf Anfrage Kondensatautomatik		
Campo di regolazione bar - Pressure adjusting range bar - Einstellbereich bar	0 ÷ 12 su richiesta 0÷2 - 0÷4 - 0÷8 0 ÷ 12 on demand 0÷2 - 0÷4 - 0÷8 0 ÷ 12 auf Anfrage 0÷2 - 0÷4 - 0÷8		
Pressione max di ingresso - Maximum inlet pressure - Maximaler Eingangsdruck	18 bar - 261 psi - 1800 kPa - 1,8 Mpa		
Pressione max di ingresso con scarico condensa automatico Maximum inlet pressure with automatic drain - Maximalen Druck mit automatischem Kondensatableiter	10 bar		
Portata a 6 bar ΔP 1 bar - Flow rate at 6 bar ΔP 1 bar - Durchfluss bei 6 bar ΔP 1 bar	700 NI/min	2500 NI/min	4600 NI/min
Temperatura max a 10 bar - Maximum temperature at 10 bar - Maximaltemperatur bis 10 bar	+50°C		
Grado di filtrazione - Degree of filtration - Filtrierung	20 μm A richiesta grado di filtrazione diverso (4μm - 50μm o altro) By request different degree of filtration available (4μm - 50μm or others) Auf Anfrage verschiedene Filtrierung (4μm - 50μm oder mehr)		
Fluido - Fluid - Fluid	Aria compressa - Compressed air - Druckluft		
Posizione di montaggio - Mounting position - Einbaulage	Verticale - Vertical - Vertikal		

Note d'uso: la pressione del regolatore deve essere impostata sempre in salita. Usare oli ISO e UNI FD22.

Notes: the regulator pressure must always be set upwards. Oil recommended are ISO and UNI FD22

Hinweise zur Verwendung: Die Regler sind immer steigend einzustellen. Verwenden Sie Öle ISO und UNI FD22.

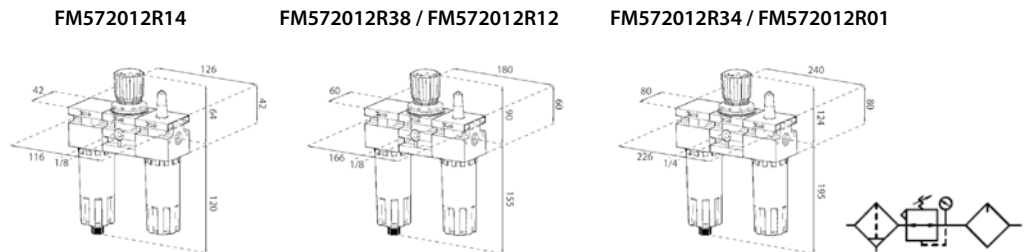
## FM57



### Filtro + regolatore + lubrificatore (3 pezzi) con tazze protette

Filter + regulator + lubricator (3 pcs) with outer bowls guard  
Filter + Regler + Nebelöler (3 stk)

#### Dimensioni / Size / Maße



#### Dati tecnici - technical data - Technischen Daten

	FM572012R14	FM572012R38 / FM572012R12	FM572012R34 / FM572012R01
Codice - Code - Kode	FM572012R14	FM572012R38 / FM572012R12	FM572012R34 / FM572012R01
Peso - Weight - Gewicht	1.0 kg	2.5 kg	5.8 kg
Viti di fissaggio a parete - Wall fixing screws - Befestigungsschrauben an der Wand	M4x40	M4x50	M6x75
Scarico condensa - Condensate drain - Entwässern	Manuale/semiautomatico <i>manual/semiautomatic - manual/halbbautomatisch</i> A richiesta scarico condensa automatico <i>By request automatic drain system</i> <i>Auf Anfrage Kondensatautomatik</i>		
Campo di regolazione bar - Pressure adjusting range bar - Einstellbereich bar	0 ÷ 12 su richiesta 0÷2 - 0÷4 - 0÷8 0 ÷ 12 on demand 0÷2 - 0÷4 - 0÷8 0 ÷ 12 auf Anfrage 0÷2 - 0÷4 - 0÷8		
Pressione max di ingresso - Maximum inlet pressure - Maximaler Eingangsdruck	18 bar - 261 psi - 1800 kPa - 1,8 Mpa		
Pressione max di ingresso con scarico condensa automatico Maximum inlet pressure with automatic drain - Maximalen Druck mit automatischem Kondensatableiter	10 bar		
Portata a 6 bar ΔP 1 bar - Flow rate at 6 bar ΔP 1 bar - Durchfluss bei 6 bar ΔP 1 bar	400 NI/min	2200 NI/min	3700 NI/min
Temperatura max a 10 bar - Maximum temperature at 10 bar - Maximaltemperatur bis 10 bar	+50°C		
Grado di filtrazione - Degree of filtration - Filtrierung	20 μm A richiesta grado di filtrazione diverso (4μm - 50μm o altro) <i>By request different degree of filtration available</i> <i>(4μm - 50μm or others)</i> <i>Auf Anfrage verschiedene Filtrierung</i> (4μm - 50μm oder mehr)		
Fluido - Fluid - Fluid	Aria compressa - Compressed air - Druckluft		
Posizione di montaggio - Mounting position - Einbaulage	Verticale - Vertical - Vertikal		

## Regolatori-filtri-lubrificatori-gruppi FRL (corpo e tazza in metallo)

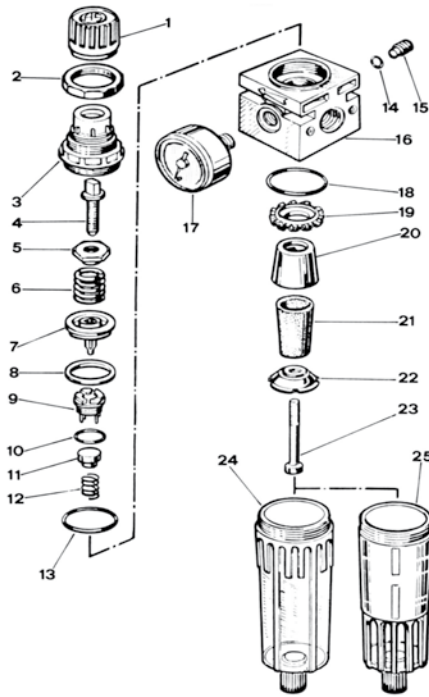
Regulators-filters-lubricators-FRL units (housing and bowl in metal)

Wartungseinheiten Serie Metall

### Ricambi per FM52-FM53-FM55

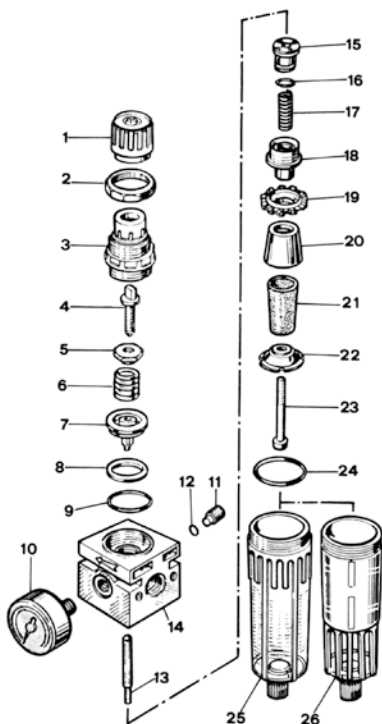
Spare Parts for FM52-FM53-FM55

Ersatzteilung für FM52-FM53-FM55



#### Size 1/8-1/4

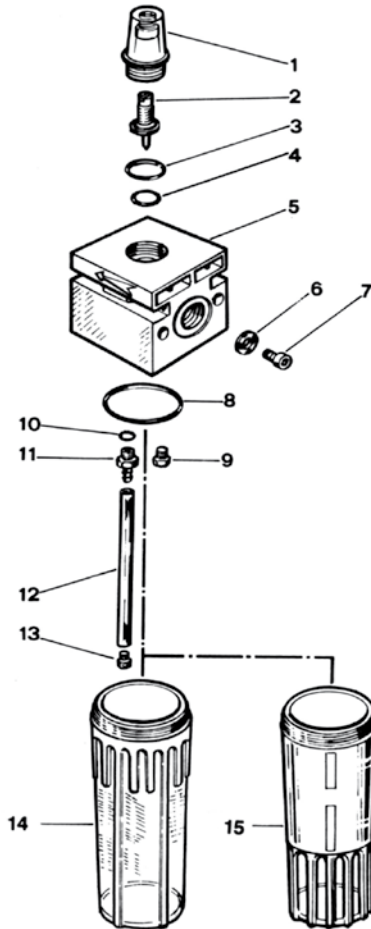
Ref	Ricambi	Spare Parts	Ersatzteilung
1-8	CAMPANA COMPLETA	COMPLETE KNOB	KOMPLETT KNOPF
9	VALVOLINA ESAGONALE	CAP VALVE	KAPPENVENTIL
10	O-RING	O-RING	O-RING
11	TAPPINO	VALVE	HAHN
12	MOLLA	SPRING	FEDER
13	O-RING	O-RING	O-RING
14	O-RING	O-RING	O-RING
15	GRANETTO	CAP	KAP
16	CORPO	BODY	KORPER
17	MANOMETRO	MANOMETER	MANOMETER
18	O-RING	O-RING	O-RING
19-23	ELEMENTO FILTRANTE COMPLETO	COMPLETE FILTERING ELEMENT	KOMPLETT FILTERELEMENT
24	TAZZA TRASPARENTE	TRANSPARENT BOWL	TRANSPARENTE SCHALE
25	TAZZA METALLICA	METAL BOWL	METALBEHALTER



#### Size 3/8-1/2-3/4-1"

Ref	Ricambi	Spare Parts	Ersatzteilung
1-8	CAMPANA COMPLETA	COMPLETE KNOB	KOMPLETT KNOPF
9	O-RING	O-RING	O-RING
10	MANOMETRO	MANOMETER	MANOMETER
11	GRANETTO	CAP	KAP
12	O-RING	O-RING	O-RING
13	PERNO VALVOLA	PISTON VALVE	KOLBENVENTIL
14	CORPO	BODY	KORPER
15	VALVOLINA ESAGONALE	VALVE	HAHN
16	O-RING	O-RING	O-RING
17	MOLLA	SPRING	FEDER
18	PORTA VALVOLA	VALVE HOUSING	HAHNBEHALTER
19-23	ELEMENTO FILTRANTE COMPLETO	COMPLETE FILTERING ELEMENT	KOMPLETT FILTERELEMENT
24	O-RING	O-RING	O-RING
25	TAZZA TRASPARENTE	TRANSPARENT BOWL	TRANSPARENTE SCHALE
26	TAZZA METALLICA	METAL BOWL	METALBEHALTER

**Ricambi per FM54**  
Spare Parts for FM54  
Ersatzteilung für FM54



Size 1/8-1/4-3/8-1/2-3/4-1"

Ref	Ricambi	Spare Parts	Ersatzteilung
1-3	CUPOLINA	SMALL DOME	KLEINE KAPPE
4	OR	O-RING	O-RING
5	CORPO	BODY	KORPER
6	MEMBRANA	MEMBRANE	MEMBRANE
7	UGELLO	MEMBRANE HOUSING	MEMBRANGEHAUSE
8	OR	O-RING	O-RING
9	TAPPO	CAP	STOPFEN
10	OR	O-RING	O-RING
11	ATTACCO TUBO	OIL SUCTION PIPE REST	ROHRVERSCHRAUBUNG
12	TUBO	OIL SUCTION PIPE	SCHLAUCH
13	FILTRO	OIL SUCTION FILTER	FILTER
14	TAZZA TRASPARENTE	TRANSPARENT BOWL	TRANSPARENTE SCHALE
15	TAZZA METALLICA	METAL BOWL	METALBEHALTER



# Gruppi professionali filtro riduttore lubrificatore

## Professional FRL units filter regulator lubricator

### Wartungseinheiten Serie Professional

## Dati tecnici microregolatori, regolatori, filtri, lubrificatori, gruppi frl

Technical data microregulators, regulators, filters, lubricators, frl units

Technischen Daten der Wartungseinheiten Serie Professional

### Microregolatore di pressione con relieving

Pressione massima d'ingresso: 16 bar.  
Campo di pressione: 0-8 bar standard, su richiesta 0-2 bar, 0-4 bar, 0-12,5 bar.  
Temperatura di esercizio max: (a 10 bar) 50°C.  
Portata di riferimento: a 6 bar 360 NL/min.  
Relieving incorporato per l'eliminazione rapida delle sovrappressioni  
Regolazione sensibile, minime le perdite di carico  
Fissaggio a pannello con ghiera o con staffa a parete  
Pomello che permette il bloccaggio della regolazione

### Regolatore di pressione con relieving

Pressione massima d'ingresso: 16 bar  
Campo di pressione: 0-8 bar standard, su richiesta 0-4bar, 0-12,5 bar  
Temperatura di esercizio max: (a 10 bar) 50°C.  
Portata di riferimento: a 6 bar circa 850 NL/min.  
Relieving incorporato per l'eliminazione rapida delle sovrappressioni  
Regolazione ultra sensibile, grande stabilità, minime le perdite di carico  
Fissaggio a parete con staffa o utilizzando i fori passanti  
Pomello che permette il bloccaggio della regolazione.

### Filtro

Grado di filtrazione: 20 micron (standard), su richiesta 5 micron  
Elevato livello di separazione della condensa  
Minima caduta di pressione  
Pressione massima d'ingresso: 16 bar. per la taglia da 1/4" e 12,5bar per le taglie 3/8"-1/2"-3/4"-1"  
Temperatura di esercizio max: (a 10 bar) 50°C.  
Portata di riferimento: a 10 bar 1/4" 1250 NL/min, 3/8" 2500 NL/min, 1/2" 3100 NL/min.  
Fissaggio a parete con staffa o utilizzando i fori passanti  
Tazza disponibile nella versione protetta esternamente (standard) o in poliammide trasparente ad alta resistenza agli urti  
Drenaggio della condensa manuale e semiautomatico tramite dispositivo integrato

### Lubrificatore a nebbia d'olio

Pescaggio olio garantito anche a basse pressioni.  
Erogazione precisa e costante nel tempo.  
Gocciolamento visualizzabile a 360°  
Fissaggio a parete utilizzando i fori passanti  
Tazza disponibile nella versione protetta esternamente (standard) o in poliammide trasparente ad alta resistenza agli urti  
Pressione massima d'ingresso: 16 bar per la taglia da 1/4" e 12,5 bar per le taglie 3/8"-1/2"-3/4"-1"  
Temperatura di esercizio max: (a 10 bar) 50°C.  
Portata di riferimento: a 10 bar 1/4" 1800 NL/min, 3/8" 2050 NL/min, 1/2" 3550 NL/min.

### Filtro regolatore

Pressione massima d'ingresso: 16 bar per la taglia da 1/4" e 12,5bar per le taglie 3/8"-1/2"-3/4"-1"  
Campo di pressione: 0-8 bar standard, su richiesta 0-4bar, 0-12,5 bar.  
Temperatura di esercizio max: (a 10 bar) 50°C.  
Portata di riferimento: a 6 bar taglia 1/4 850 NL/min, 3/8" 1500 NL/min, 1/2" 2300 NL/min.  
Relieving incorporato per l'eliminazione rapida delle sovrappressioni  
Regolazione ultra sensibile, grande stabilità, ridotte le perdite di carico  
Fissaggio a parete con staffa o utilizzando i fori passanti  
Pomello che permette il bloccaggio della regolazione.  
Grado di filtrazione: 20 micron (standard), su richiesta 5 micron  
Elevato livello di separazione della condensa  
Minima caduta di pressione  
Tazza disponibile nella versione protetta esternamente (standard) o in poliammide tenacizzata trasparente resistente agli urti  
Drenaggio della condensa manuale e semiautomatico tramite dispositivo integrato

### Microregulator with relieving

Maximum inlet pressure: 16 Bar.  
Pressure ranges: 0-8 bar standard, on demand 0-2 bar, 0-4 bar, 0-12,5 bar  
Max working temperature: (at 10 bar) 50°  
Reference flow rate: at 6 bar 360 NL/min.  
Built-on overpressure relieving function  
Sensitive performance, low load losses  
Mounted with ring nut for panel assembling or with bracket  
Lockable safety knob

### Regulator with relieving

Maximum inlet pressure: 16 Bar  
Pressure ranges: 0-8 bar standard, on demand 0-4 bar, 0-12,5 bar  
Max working temperature: (at 10 bar) 50°  
Reference flow rate: at 6 bar 850 NL/min.  
Built-on overpressure relieving function  
Sensitive high performance, high stability with low load losses  
Mounted with ring nut for panel assembling or with bracket  
Lockable safety knob

### Filter

Filtering degree: 20 micron (standard), on demand 5 micron.  
High level of condensate separation.  
Low pressure drop.  
Maximum inlet pressure: 16 Bar. for size 1/4 and 12,5 bar for size 3/8"-1/2"-3/4"-1"  
Max working temperature: (at 10 bar) 50°.  
Reference flow rate: at 10 bar 1/4" 1250 NL/min., 3/8" 2500 NL/min, 1/2" 3100 NL/min.  
Wall mounted using relative holes.  
Bowl available with outer guard (standard) or transparent toughened polyamide.  
Integrated manual and semiautomatic condensate drainage.

### Lubricator

Suction ensured even with low flow rate.  
Constantly steady delivery.  
360° drip display.  
Wall mounted using the relative holes.  
Bowl available with outer guard (standard) or transparent toughened polyamide  
Maximum inlet pressure: 16 Bar. for size 1/4 and 12,5 bar for size 3/8"-1/2"-3/4"-1"  
Max working temperature: (at 10 bar) 50°  
Reference flow rate: at 10 bar 1/4" 1800 NL/min., 3/8" 2050 NL/min, 1/2" 3550 NL/min.

### Filter regulator

Maximum inlet pressure: 16 bar. for size 1/4 and 12,5 bar for size 3/8"-1/2"-3/4"-1"  
Pressure ranges: 0-8 bar standard, on demand 0-2 bar, 0-4 bar, 0-12,5 bar.  
Max working temperature: (at 10 bar) 50°  
Reference flow rate: at 6 bar 1/4" 850 NL/min., 3/8" 1500 NL/min, 1/2" 2300 NL/min.  
Built-on overpressure relieving function  
Sensitive high performance, high stability with low load losses  
Mounted with ring nut for panel assembling or with bracket  
Lockable safety knob  
Filtering degree: 20 micron (standard), on demand 5 micron.  
High level of condensate separation  
Low pressure drop  
Bowl available with outer guard (standard) or transparent toughened polyamide  
Integrated manual and semiautomatic condensate drainage.

### Mini Druckregler

Maximaler Eingangsdruck: 16 bar  
Regelbereich: 0-8 bar, auf Anfrage 0-2 bar, 0-4 bar, 0-12,5 bar  
Maximale Betriebstemperatur: (bei 10 bar) 50°C  
Durchfluss: 6 bar 360 NL / min.  
Entlastung für die schnelle Beseitigung von überdruck gebaut  
Einstellen sensibler, minimale Leerlaufverluste  
Montage auf Holz- oder Wandhalterung.  
Knopf, der die Blockierung der Einstellung erlaubt

### Druckregler

Maximaler Eingangsdruck: 16 bar  
Druckbereich: 0-8 bar Standard, auf Anfrage 0-4 bar, 0-12,5 bar  
Maximal Betriebstemperatur: (bei 10 bar) 50°C  
Referenz Durchfluss: 6 bar bzw. 850 NL/min.  
Entlastung für die rasche Beseitigung von überschüssigem Druck aufgebaut.  
Einstellen ultra-sensibile, hohe Stabilität, minimale Leerlaufverluste  
Wandhalterung oder durch die Locher  
Knopf, der die Blockierung der Einstellung erlaubt

### Filter

Filtration: 20 Mikron (Standard) auf Anfrage 5 Mikron  
Hohe Kondensatabscheidung  
Minimalen Druckabfall  
Maximaler Eingangsdruck: 16 bar für die Größen von 1/4" und 12,5 bar für die Größen 3/8"-1/2"-3/4"-1"  
Maximale Betriebstemperatur (bei 10 bar): 50 ° C  
Durchfluss: 10 bar 1/4" 1250 NL/min., 3/8" 2500 NL/min, 1/2" 3100 NL/min.  
Wandhalterung oder durch die Löcher  
Tasse in extern abgesichert (Standard) oder im transparenten Polyamid hohe Schlagzähigkeit  
Integrierte manuelle und halbautomatische Kondensatablass

### Nebelöler

Tiefgang Öl auch bei niedrigen Drücken gewährleistet  
Liefen präzise und konstante  
Drip sichtbar bei 360°  
Wandmontage mit den Durchgangsbohrungen  
Tasse in extern (Standard) geschützt oder transparentes Polyamid hohe Schlagzähigkeit  
Maximaler Eingangsdruck: 16 bar für die Größen von 1/4" und 12,5 bar für die Größen 3/8"-1/2"-3/4"-1"  
Maximale Betriebstemperatur (bei 10 bar): 50 ° C  
Durchfluss: 10 bar 1/4" 1800 NL/min., 3/8" 2050 NL/min, 1/2" 3550 NL/min.

### Filterregler

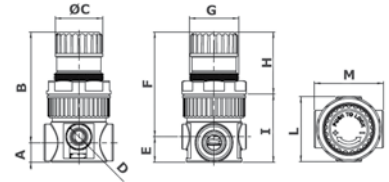
Maximaler Eingangsdruck: 16 bar für die Größen von 1/4" und 12,5 bar für die Größen 3/8"-1/2"-3/4"-1"  
Regelbereich: 0-8 bar Standard, auf Anfrage 0-4 bar, 0-12,5 bar  
Maximale Betriebstemperatur (bei 10 bar): 50 ° C  
Durchfluss: 6 bar Größe 1/4" 850 NL/min., 3/8" 1500 NL/min, 1/2" 2300 NL/min.  
Entlastung für die rasche Beseitigung von überschüssigem Druck aufgebaut  
Einstellen hochempfindliche, große Stabilität, verringert die Verluste der Last.  
Wandhalterung oder durch die Löcher.  
Knopf, der die Einstellung Locking erlaubt.  
Filtration: 20 Mikron (Standard) auf Anfrage 5 Mikron  
Hohe Kondensatabscheidung.  
Geringer Druckverlust.  
Tasse in extern (Standard) geschützt oder transparentes Polyamid hohe Schlagzähigkeit.  
Manuelle und halbautomatische Kondensatableitung durch integrierte Gerätomatische Kondensatableitung durch integrierte Gerät.

## FR 70



### Microregolatore di pressione con relieving

Microregulator with relieving  
Mini Druckregler



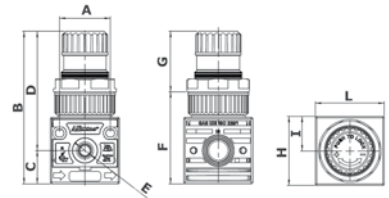
Codice/Code	Misura-Size	Bar	A	B	C	D	E	F	G	H	I	L	M	
FR7004R18	1/8"	0 - 4 bar	11.5	64.5	28	G1/8"	15	61	M30X1.5	36	40	38	40.5	1
FR7008R18	1/8"	0 - 8 bar	11.5	64.5	28	G1/8"	15	61	M30X1.5	36	40	38	40.5	1
FR7004R14	1/4"	0 - 4 bar	11.5	64.5	28	G1/8"	15	61	M30X1.5	36	40	38	40.5	1
FR7008R14	1/4"	0 - 8 bar	11.5	64.5	28	G1/8"	15	61	M30X1.5	36	40	38	40.5	1

## FR 72



### Regolatore di pressione con relieving

Regulator with relieving  
Druckregler



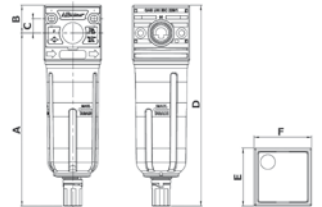
Codice/Code	Misura-Size	Bar	A	B	C	D	E	F	G	H	I	L	
FR7208R14	1/4"	0 - 8 bar	28	92	20	72	G1/8"	56	36	42	21	42	1
FR7208R38	3/8"	0 - 8 bar	39	129	38	91	G1/8"	82	47	52	26	63	1
FR7208R12	1/2"	0 - 8 bar	39	145	41.5	103.5	G1/8"	89	56	63	31.5	75	1
FR7208R34	3/4"	0 - 8 bar	39	145	41.5	103.5	G1/8"	89	56	63	31.5	137	1
FR7208R01	1"	0 - 8 bar	105	221.5	65	174	G1/4"			95	42.5	115	1

## FR 73



### Filtro con tazza protetta

Filter with outer bowl guard  
Filter



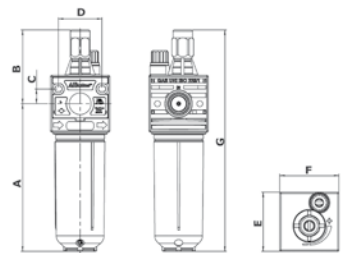
Codice/Code	Misura-Size	Filtr.	A	B	C	D	E	F					
FR732014	1/4"	20 micron	126	20	10.5	128	42	42					1
FR732038	3/8"	20 micron	148	26	16	174	52	63					1
FR732012	1/2"	20 micron	172.5	31.5	17.5	204	63	75					1
FR732034	3/4"	20 micron	172.5	31.5	17.5	204	63	137					1
FR732001	1"	20 micron	236.6	47.5		284.1	95	115					1

## FR 74



### Lubrificatore con tazza protetta

Lubricator with outer bowl guard  
Nebelöler



Codice/Code	Misura-Size	A	B	C	D	E	F	G					
FR740014	1/4"	105	52	10.5	30-32	42	42	157					1
FR740038	3/8"	130	60	16	41	52	63	190					1
FR740012	1/2"	158.5	68.5	17.5	50-40	63	75	227					1
FR740034	3/4"	158.5	68.5	17.5	50-40	63	137	227					1
FR740001	1"	215.9	86.1	65	105	95	115	300					1

# Gruppi professionali filtro riduttore lubrificatore

Professional FRL units filter regulator lubricator

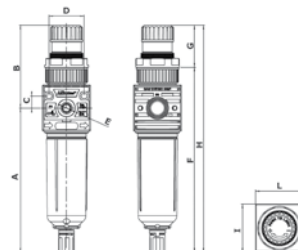
Wartungseinheiten Serie Professional

FR 75



## Filtro + regolatore con relieving e tazza protetta

Filter + regulator with relieving and outer bowl guard  
Filterregler



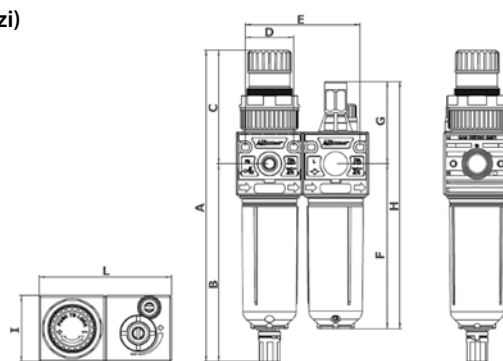
Codice/Code	Misura-Size	Bar	Filtr.	A	B	C	D	E	F	G	H	I	L	
FR752008R14	1/4"	0 - 8 bar	20 micron	126	72	10.5	30-32	G1/8"	162	36	180	42	42	1
FR752008R38	3/8"	0 - 8 bar	20 micron	148	91	16	39	G1/8"	192	47	239	52	63	1
FR752008R12	1/2"	0 - 8 bar	20 micron	172.5	103.5	17.5	39	G1/8"	220	56	276	63	75	1
FR752008R34	3/4"	0 - 8 bar	20 micron	172.5	103.5	17.5	39	G1/8"	220	56	276	63	137	1
FR752008R01	1"	0 - 8 bar	20 micron	236.6	174	65	105	G1/4"			410.6	95	115	1

FR 76



## Filtro regolatore + lubrificatore (2 pezzi)

Filter regulator + lubricator (2 pcs)  
Filterregler + Nebelöler (2 stk)



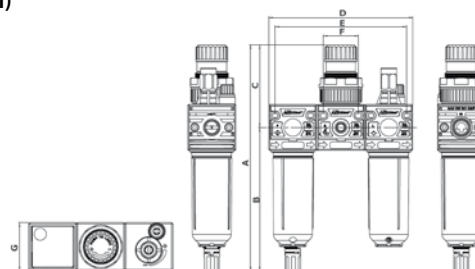
Codice/Code	Misura-Size	Bar	Filtr.	A	B	C	D	E	F	G	H	I	L	
FR762008R14	1/4"	0 - 8 bar	20 micron	126	72	10.5	30-32	60-64	105	52	36	42	84	1
FR762008R38	3/8"	0 - 8 bar	20 micron	148	91	16	39	78	130	60	47	52	126	1
FR762008R12	1/2"	0 - 8 bar	20 micron	172.5	103.5	17.5	39	78	158.5	68.5	56	63	150	1
FR762008R34	3/4"	0 - 8 bar	20 micron	172.5	103.5	17.5	39	78	158.5	68.5	56	63	274	1
FR762008R01	1"	0 - 8 bar	20 micron	236.6	174	65	105	210	215.9	86.1		95	230	1

FR 77



## Filtro + regolatore + lubrificatore (3 pezzi)

Filter + regulator + lubricator (3 pcs)  
Filter + Regler + Nebelöler (3 stk)



Codice/Code	Misura-Size	Bar	Filtr.	A	B	C	D	F	G					
FR772008R14	1/4"	0 - 8 bar	20 micron	198	126	72	126	30-32	42					1
FR772008R38	3/8"	0 - 8 bar	20 micron	239	148	91	189	39	52					1
FR772008R12	1/2"	0 - 8 bar	20 micron	276	172.5	103.5	225	39	63					1
FR772008R34	3/4"	0 - 8 bar	20 micron	276	172.5	103.5	411	39	63					1
FR772008R01	1"	0 - 8 bar	20 micron	410.6	236.6	174	345	105	95					1

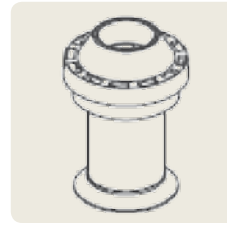
## FR 10



**Tazza completa per filtro regolatore**  
Bowl for filter regulator  
Behälter für Filterregler

Codice/Code	misura/size	Ref. serie	📄
<b>FR100014</b>	1/4"	FR75	1
<b>FR100038</b>	3/8"	FR75	1
<b>FR101234</b>	1/2"-3/4"	FR75	1
<b>FR100001</b>	1"	FR75	1

## FR 14



**Gruppo filtraggio filtro-regolatore**  
Filtering element filter-regulator  
Filter

Codice/Code	misura/size	Ref. serie	📄
<b>FR140014</b>	1/4"	FR75	1
<b>FR140038</b>	3/8"	FR75	1
<b>FR141234</b>	1/2"-3/4"	FR75	1
<b>FR140001</b>	1"	FR75	1

## FR 11



**Tazza completa per lubrificatore**  
Bowl for lubricator  
Behälter für Nebelöler

Codice/Code	misura/size	Ref. serie	📄
<b>FR110014</b>	1/4"	FR74	1
<b>FR110038</b>	3/8"	FR74	1
<b>FR111234</b>	1/2"-3/4"	FR74	1
<b>FR110001</b>	1"	FR74	1

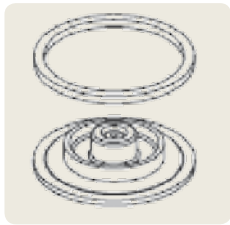
## FR 15



**Gruppo filtraggio filtro**  
Filtering element  
Filter

Codice/Code	misura/size	Ref. serie	📄
<b>FR150014</b>	1/4"	FR73	1
<b>FR150038</b>	3/8"	FR73	1
<b>FR151234</b>	1/2"-3/4"	FR73	1

## FR 12



**Gruppo membrana completo**  
Diaphragm complete  
Membrane

Codice/Code	misura/size	Ref. serie	📄
<b>FR120014</b>	1/4"	FR72-FR75	1
<b>FR120038</b>	3/8"	FR72-FR75	1
<b>FR121234</b>	1/2"-3/4"	FR72-FR75	1

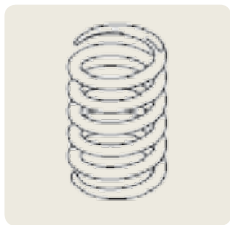
## FR 16



**Cupola spia olio per lubrificatore**  
Oil window for lubricator  
Anzeige für Nebelöler

Codice/Code	misura/size	Ref. serie	📄
<b>FR161438</b>	1/4"-3/8"	FR74	1
<b>FR16123401</b>	1/2"-3/4"-1"	FR74	1

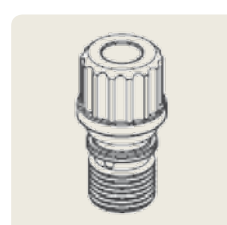
## FR 13



**Molla di regolazione**  
Regulation spring  
Feder

Codice/Code	misura/size	Ref. serie	📄
<b>FR130014</b>	1/4"	FR72-FR75	1
<b>FR130038</b>	3/8"	FR72-FR75	1
<b>FR131234</b>	1/2"-3/4"	FR72-FR75	1

## FR 17



**Tappo olio per lubrificatore con or universale**  
Universal oil plug with or  
Universal Ölstopfen für Nebelöler mit O-Ring

Codice/Code	misura/size	Ref. serie	📄
<b>FR170099</b>		FR74	1

## Ricambi gruppi professionali filtro riduttore lubrificatore

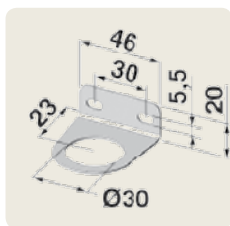
Spare parts for filter regulator lubricator

Ersatzteilen für Wartungseinheiten

### FR 18

#### Staffa di fissaggio a parete

Bracket  
Befestigungswinkel

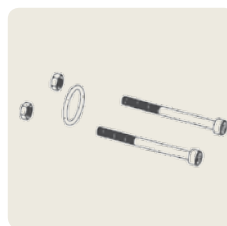


Codice/Code	misura/size	Ref. serie	
<b>FR180014</b>	1/4"		1
<b>FR18381234</b>	3/8"-1/2"-3/4"		1
<b>FR180001</b>	1"		1

### FR 20

#### Kit assemblaggio gruppi FRL

Kit assembling unit FRL  
Montage Kit für Filterregler- Nebelölergruppe



Codice/Code	misura/size	Ref. serie	
<b>FR200014</b>	1/4"	FR77	1
<b>FR200038</b>	3/8"	FR77	1
<b>FR201234</b>	1/2"-3/4"	FR77	1
<b>FR200001</b>	1"	FR77	1

### FR 19

#### Kit assemblaggio gruppi FR + L

Kit assembling unit FR + L  
Montage Kit



Codice/Code	misura/size	Ref. serie	
<b>FR190014</b>	1/4"	FR76	1
<b>FR190038</b>	3/8"	FR76	1
<b>FR191234</b>	1/2"-3/4"	FR76	1
<b>FR190001</b>	1"	FR76	1

### FR 21

#### Grano universale

Universal plug  
Blindstopfen



Codice/Code	misura/size	Ref. serie	
<b>FR210018</b>	1/8"	FR70-72-75	1

## FR 80

**Riduttore di pressione**  
Pressure reducing valve  
Druckregler



Codice/Code	F	Fori/Holes	📦
<b>FR800143</b>	1/4	3	1
<b>FR800144</b>	1/4	4	1

## FR 85

**Riduttore di press. con manometro e 2 rub. corsoio**  
Pressure reducing valve with gauge and 2 slide valves  
Druckregler mit Manometer und zwei Verschraubungen



Codice/Code	F		📦
<b>FR850038</b>	3/8		1
<b>FR850012</b>	1/2		1

## FR 81

**Riduttore di press. con manometro e 1 rubinetto corsoio**  
Pressure reducing valve with gauge and slide valve  
Druckregler mit Manometer und Verschraubung



Codice/Code	F		📦
<b>FR810014</b>	1/4		1

## FR 86

**Riduttore di pressione con manometro e 2 rubinetti universali**  
Pressure reducing valve with gauge and 2 universal couplers  
Druckregler mit Manometer und zwei Ventile



Codice/Code	F		📦
<b>FR860038</b>	3/8		1
<b>FR860012</b>	1/2		1

## FR 82

**Riduttore di press. con manometro e 1 rubinetto in linea**  
Pressure reducing valve with gauge and line valve  
Druckregler mit Manometer und Ventile



Codice/Code	F		📦
<b>FR820014</b>	1/4		1

## FR 87

**Squadra fissaggio a parete per FR-80-81-82-83**  
Wall fixing square for series FR-80-81-82-83  
Befestigungswinkel für FR-80-81-82-83



Codice/Code			📦
<b>FR870000</b>			1

## FR 83

**Riduttore di press. con manometro e 1 rubinetto univ.**  
Pressure reducing valve with gauge and 1 universal coupler  
Druckregler mit Manometer und universal Ventil



Codice/Code	F		📦
<b>FR830014</b>	1/4		1

## FR 88

**Ghiera di bloccaggio passaparete per FR-80-81-82-83**  
Fixing ring nut for series FR-80-81-82-83  
Befestigungsmutter für FR-80-81-82-83



Codice/Code			📦
<b>FR880000</b>			1

## FR 84

**Riduttore di press. con manometro e 2 rubinetti in linea**  
Pressure reducing valve with gauge and 2 line valves  
Druckregler mit Manometer und zwei Ventile



Codice/Code	F		📦
<b>FR840038</b>	3/8		1
<b>FR840012</b>	1/2		1



## Dati tecnici FR89

Technical data FR89

Technischen Daten FR89

## Descrizione

FR89 è un lubrificante formulato con basi minerali di prima raffinazione severamente raffinate, ed una combinazione bilanciata di additivi antiusura, antiossidanti, anticorrosione, antischiuma e miglioratori dell'indice di viscosità.

FR89 inoltre, grazie agli speciali additivi modificatori del coefficiente d'attrito, assicura prestazioni superiori anche se impiegato in trasmissioni automatiche.

## Proprietà

- Bassissimo punto di scorrimento che consente un facile avviamento al freddo.
- Elevatissimo indice di viscosità per un vasto campo di temperature di utilizzazione.
- Minima resistenza passiva nella trasmissione d'energia.
- Notevoli proprietà detergenti-disperdenti per la massima pulizia dei circuiti.
- Elevata resistenza all'ossidazione e quindi lunga durata di servizio.
- Spiccato potere antiusura ed anticorrosione.
- Minima tendenza alla formazione di schiuma.
- Compatibilità con i vari metalli e loro leghe, e con gli elastomeri delle guarnizioni.

## Specifiche

GM Dexron II, IID  
Ford Mercom  
Mercedes Benz 236.6  
MAN 339 Type D  
BMW Group 24  
ZF TE-ML-03D/04D/11A/14A/17C  
Voith G 607  
Allison C-4  
DIN 51524.2

## Applicazioni

FR89, grazie alle sue caratteristiche può essere impiegato con successo per la lubrificazione di:

- Trasmissioni automatiche
- Impianti aria compressa
- Utensili pneumatici
- Convertitori di coppia
- Gruppi FRL
- Giunti idrodinamici
- Circuiti pneumatici in generale
- Tutte quelle applicazioni in cui sia richiesto un olio idraulico con viscosità 32, 46 e 68

## Dati tecnici

Classe di viscosità ISO (ISO 3448):		32
Viscosità cinematica (ISO 3104):	a 40 °C	40.6 cSt
	a 100 °C	8.2 cSt
Indice di viscosità (ISO 2909):		161
Densità (ISO 12185):	a 15 °C	875 Kg/m <sup>3</sup>
Punto di infiammabilità COC (ISO 2592):		220 °C
Punto di scorrimento (ISO 3016):		-42 °C

## Description

FR89 is a lubricant formulated with mineral bases of first refining severely refined, and a balanced combination of anti-wear additives, antioxidants, anti-corrosion, anti-foaming and viscosity index improvers.

FR89 also thanks to special additives that modify the coefficient of friction, superior performance even if used in automatic transmissions.

## Properties

- Very low pour point allows easy cold start.
- Very high viscosity index for a wide range of temperatures of use.
- Low passive resistance in the transmission denergia.
- Substantial property detergent-dispersant for maximum cleaning circuit.
- High resistance alossidazione ensuring long service life.
- Pronounced anti-wear and anti-corrosion.
- Low tendency to foaming.
- Compatibility with various metals and their alloys, elastomers and seals.

## Specifications

GM Dexron II, IID  
Ford Mercom  
Mercedes Benz 236.6  
MAN 339 Type D  
BMW Group 24  
ZF TE-ML-03D/04D/11A/14A/17C  
Voith G 607  
Allison C-4  
DIN 51524.2

## Applications

FR89 due to its characteristics can be successfully used for the lubrication of:

- Automatic transmissions
- Systems for compressed air
- Pneumatic tools
- Torque converters
- Groups FRL
- Fluid couplings
- Pneumatic circuits in general
- All those applications where it is required a hydraulic oil with a viscosity of 32, 46 and 68

## Technical data

Viscosity class ISO (ISO 3448):		32
Kinematic viscosity (ISO 3104):	a 40 °C	40.6 cSt
	a 100 °C	8.2 cSt
Viscosity Index (ISO 2909):		161
Density (ISO 12185):	a 15 °C	875 Kg/m <sup>3</sup>
Flash point COC (ISO 2592):		220 °C
Scroll point (ISO 3016):		-42 °C

## Beschreibung

FR89 ist ein Schmiermittel mit mineralischen Basen der ersten Raffination hochraffinierter formuliert, und eine ausgewogene Kombination von Anti-Verschleiß-Additive, Antioxidantien, Korrosionsschutzmittel, Antischaummittel und Viskositätsindexverbesserer.

FR89 auch dank spezieller Additive, die den Reibungskoeffizienten, eine überlegene Leistung zu ändern Selbst wenn in Automatikgetrieben verwendet.

## Eigenschaften

- Sehr niedriger Pourpoint ermöglicht den einfachen Kaltstart.
- Sehr hoher Viskositätsindex für ein breites Spektrum von Temperaturen Nutzungsbedingungen.
- Geringe passive Widerstand in der Übertragung denergia.
- Erheblicher Sachschaden degergenti-Dispergiemittel für maximale Reinigung Schaltung.
- Hohe Beständigkeit alossidazione sichert eine lange Lebensdauer.
- Ausgeprägte Anti-Verschleiß- und Korrosionsschutz-
- Geringe Neigung zum Schäumen.
- Kompatibilität mit verschiedenen Metallen und deren Legierungen, Elastomeren und Dichtungen.

## Technische Daten

GM Dexron II, IID  
Ford Mercom  
Mercedes Benz 236.6  
MAN 339 Typ D  
BMW Group 24  
ZF TE-ML-03D/04D/11A/14A/17C  
Voith G 607  
Allison C-4  
DIN 51524.2

## Anwendungen

FR89 aufgrund seiner Eigenschaften kann erfolgreich zur Schmierung eingesetzt werden:

- Automatikgetriebe
- Systeme für Druckluft
- Druckluftwerkzeuge
- Drehmomentwandler
- Gruppen FRL
- Fluid-Kupplungen
- Pneumatische Schaltungen im Allgemeinen
- Alle diese Anwendungen, wo es ein Hydrauliköl erforderlich ist mit einer Viskosität von 32, 46 und 68

## Technische daten

Viskositätsklasse ISO (ISO 3448):		32
Kinematische Viskosität (ISO 3104):	a 40 °C	40.6 cSt
	a 100 °C	8.2 cSt
Viskositätsindex (ISO 2909):		161
Dichte (ISO 12185):	a 15 °C	875 Kg/m <sup>3</sup>
Flammpunkt COC (ISO 2592):		220 °C
Scroll Punkt (ISO 3016):		-42 °C

FR 89



## Olio VG32

Oil VG32

Öl VG32

Codice/Code	Misura/Size	📦
FR890001	Lt. 1	1
FR890005	Lt. 5	1

## Pressostati e telepressostati con pulsante 1-4 vie

Pressure switch and tele-pressure switch 1-4 ways

Technischen Daten der Druckschalter 1-4 Wege

### Pressostato bipolare 1-4 vie da 1/4" 4-12 bar

Pressostato monofase, adatto a compressori fino a 4 HP senza teleruttore, regola automaticamente il funzionamento del motore secondo i valori di taratura stabiliti da 4 a 12 BAR. 1 attacco inferiore 1/4"

### Pressostato tripolare 1-4 vie da 1/4" 4-12 bar

Simile al mod. MONOFASE, ma trifase. 1 attacco inferiore 1/4"

### Telepressostato 1-4 vie da 1/4" 4-12 bar

Combinazione di pressostato + salvamotore che permette un rapido assemblaggio sulle macchine senza cassette separate, saldatura di flange e doppi raccordi di fili elettrici. Viene fornito nelle cinque tarature descritte A lato. 1 o 4 attacchi 1/4"

### Pressostato bipolare con salvamotore termico 1-4 vie da 1/4"

Pressostato monofase con salvamotore termico (da 2 a 20A di 1 in 1). Pressione min 4 Bar, max 12 Bar. Differenziale d'intervento fisso 2 Bar, regolabile 2,5 Bar. 1 o 4 attacchi 1/4"

### Pressostato tripolare con salvamotore termico 1-4 vie da 1/4"

Simile al modello monofase con salvamotore, ma trifase. Pressione min 2,5 Bar, max 12 Bar. Differenziale d'intervento regolabile Min 1,5 Bar, max 3,2 Bar. 1 o 4 attacchi 1/4"

### Single phase pressure switch 1 - 4 ways 1/4" 4-12 bar

Pressure switch singlephase, fit for compressors to 4 HP without the remote control switch, controls automatically the motor by regulating its working in the standard setting values 4-12 BAR. 1 bottom way 1/4"

### Three phase pressure switch 1 - 4 ways 1/4" 4-12 bar

Similar to the mod. SINGLEPHASE but three-phase. 4 ways 1/4"

### Tele-pressure switch 1-4 ways 1/4" 4-12 bar

This tele-pressure switch, with its combinations of pressure switch and overload cutout, allows for a quick mounting on machines, thus eliminating the need for separate cassettes, flange weldings and double Y connections of electrical wires. The tele-pressure switch can be supplied in five ranges of amperometric settings as left side specification. 1 or 4 ways 1/4" NEW

### Single phase pressure switch overcurrent circuit breaker 1 - 4 ways 1/4"

Single pressure switch with overcurrent circuit breaker (from 2 to 20A, one by one). Min pressure 4 Bar, max 12 Bar. Pressure range standard 2 Bar fixed, adjustable 2,5 Bar. 1 or 4 ways 1/4"

### Three phase pressure switch overcurrent circuit breaker 1 - 4 ways 1/4"

Similar to the model singlephase with over current circuit breaker, but threephase. Min pressure 2,5 Bar, max 12 Bar. Pressure range adjustable min 1,5 Bar, max 3,2 Bar. 1 or 4 ways 1/4"

### Zweipoligen Druckschalter 1-4 Wege 1/4" 4-12 bar

Einphasen Druckschalter, geeignet für Kompressoren bis 4 HP ohne Schütz, automatisch den Betrieb des Motors entsprechend der Kalibrierung Werte von 4 bis 12 bar aufgebaut. Ein Angriff weniger als 1/4"

### Dreipoligen Druckschalter 1-4 Wege 1/4" 4-12 bar

Ähnlich wie bei Einphasen-, sondern Dreiphasen. Ein Angriff weniger als 1/4"

### Druckschalter 1-4 Wege 1/4" 4-12 bar

Druckschalter + Überlastschutz, die eine schnelle Montage auf den Maschinen ohne gesonderte Trays erlaubt, Flansche Schweißen und doppel Armaturen von elektrischen Leitungen. Es kommt in fünf Einstellungen auf der Seite beschrieben. 1 oder 4 Anschlüsse 1/4"

### Zweipoligen Druckschalter mit motorschutz thermischer 1-4 Wege 1/4"

Druckschalter mit Einphasen-Thermoschutzschalter (2 bis 20A 1 in 1). Minimaler Druck 4 Bar, 12 Bar Maximale Schaltdifferenz einstellbar festen 2 Bar 2,5 Bar 1 oder 4 Anschlüsse 1/4"

### Dreipoligen Druckschalter mit motorschutz thermische 1-4 Wege 1/4"

Ähnlich wie bei Einphasen-Leistungsschalter, sondern Phase. Minimaler Druck 2,5 bar, maximal 12 bar. Schaltdifferenz einstellbar mindestens 1,5 bar, max 3,2 Bar. 1 oder 4 Anschlüsse 1/4"

## Pressostati e telepressostati con pulsante 1-4 vie

Pressure switch and tele-pressure switch 1-4 ways

Druckschalter 1-4 Wege

### PT 01



#### Pressostato bipolare 1-4 vie da 1/4" 4-12 bar

Single phase pressure switch 1 - 4 ways 1/4" 4-12 bar  
Druckschalter

Codice/Code	Note		
PT010001	1 Via - 1 Way - 1 Weg	1	Pressostato monofase, adatto a compressori fino a 4 HP senza teleruttore, regola automaticamente il funzionamento del motore secondo i valori di taratura stabiliti da 4 a 12 BAR. 1 attacco inferiore 1/4"
			<i>Pressure switch singlephase, fit for compressors to 4 HP without the remote control switch, controls automatically the motor by regulating its working in the standard setting values 4-12 BAR. 1 bottom way 1/4"</i>
			<i>Druckschalter Ein-Phase, geeignet für Kompressoren bis 4 HP ohne Schütz, automatisch den Betrieb des Motors entsprechend der Kalibrierung Werte von 4 bis 12 bar aufgebaut. Ein Angriff weniger als 1/4"</i>
PT010002	4 Vie - 4 ways - 4 Wege	1	Ugualo al precedente modello, permette di riacordare alla flangia con 4 fori altri accessori del compressore. 4 attacchi 1/4"
			<i>Similar to the previous model its 4 ways aluminium support to be used as instrument holder of the compressor. 4 ways 1/4"</i>
			<i>Genau wie das Vorgängermodell, können Sie auf dem Flansch mit 4 Bohrungen anderes Zubehör des Kompressors verbinden. 4 Angriffen 1/4"</i>

### PT 02



#### Pressostato tripolare 1-4 vie da 1/4" 4-12 bar

Three phase pressure switch 1 - 4 ways 1/4" 4-12 bar  
Druckschalter

Codice/Code	Note		
PT020001	1 Via - 1 Way - 1 Weg	1	Simile al mod. MONOFASE, ma trifase. 1 attacco inferiore 1/4"
			<i>Similar to the mod. SINGLEPHASE but three-phase. 4 ways 1/4"</i>
			<i>Ähnlich wie bei der Ein-Phase, aber Drei-phase. Ein Angriff weniger als 1/4"</i>
PT020002	4 Vie - 4 Ways - 4 Wege	1	

### PT 05



#### Pressostato tripolare con salvamotore termico 1-4 vie da 1/4"

Three phase pressure switch overcurrent circuit breaker 1 - 4 ways 1/4"  
Druckschalter

Codice/Code	Note		
PT050006	4 Vie/4 ways/1 Wege 6,3-10A	1	Simile al modello monofase con salvamotore, ma trifase. Pressione min 2,5 Bar, max 12 Bar. Differenziale d'intervento regolabile Min 1,5 Bar, max 3,2 Bar. 1 o 4 attacchi 1/4"
PT050008	4 Vie/4 ways/1 Wege 10-16A	1	<i>Similar to the model singlephase with over current circuit breaker, but three-phase. Min pressure 1,5 Bar, max 3,2Bar. Pressure range adjustable min 1,5 Bar, max 3,2 Bar. 1 or 4 ways 1/4"</i>
			<i>Ähnlich wie bei Einphasen-Leistungsschalter, sondern Drei-Phase. Minimaler Druck 2,5 bar, bis 12 Bar Schaltdifferenz einstellbar. 1,5 Bar Minimum, Maximum 3,2 Bar 1 oder 4 Anschlüsse 1/4"</i>



**RV**

## Valvole e rubinetti in ottone

Brass Valves  
Messing Kugelhähne

**Valvole di sicurezza** 294  
Safety valves  
Sicherungshähne

**Valvole di ritegno** 296  
Non-return valves  
Rückschlagventile

**Valvole di scarico rapido** 298  
Exhaust valves  
Schnellenlüftungsventil

**Valvole a corsoio** 299  
Hand slide valves  
Handschiebventile

**Rubinetti mini ball** 300  
Mini ball valves  
Mini ball Ventile

**Rubinetti a sfera** 302  
Ball valves  
Kugelhähne

**Valvole unidirezionali** 306  
Unidirectional valves  
Einweg Hähne

**Valvole a sfera (serie media)** 308  
Ball valves (medium serie)  
Kugelhähne (Mittel Serie)

**Valvole a sfera (serie pesante)** 315  
Ball valves (heavy serie)  
Kugelhähne (Schwere Serie)

**Valvole a sfera per gas** 319  
Ball valves for gas  
Kugelhähne für Gas

**VX**

## Valvole e rubinetti INOX AISI 316

INOX AISI 316 valves  
Kugelhähne Edelstahl AISI 316

**EV**

## Elettrovalvole

Solenoid valves  
Magnetventile

321

333

# Valvole e rubinetti in ottone

Brass valves

Messing Kugelhähne

## Dati tecnici valvole di sicurezza RV 10-11

Safety valve RV 10-11 technical data

Technischen Daten der Sicherungshähne RV 10-11

### Caratteristiche tecniche

Corpo:	OT58 UNI EN 12164
Otturatore:	OT58 UNI EN 12164
Sede:	OT58 UNI EN 12164
Spillo:	OT58 UNI EN 12164
Guarnizione:	NBR-VITON
Molla:	C98 UNI 3823 INOX AISI 302

### Technical data

Body:	OT58 UNI EN 12164
Spear valve:	OT58 UNI EN 12164
Seat:	OT58 UNI EN 12164
Needle:	OT58 UNI EN 12164
Washer:	NBR-VITON
Spring:	C98 UNI 3823 INOX AISI 302

### Technischen Daten

Gehäuse:	OT58 UNI EN 12164
Blende:	OT58 UNI EN 12164
Sitz:	OT58 UNI EN 12164
Nadel:	OT58 UNI EN 12164
Dichtung:	NBR-VITON
Feder:	C98 UNI 3823 INOX AISI 302

### Diametro orificio

1/8" - 1/4"	6 mm
3/8"	10 mm
1/2"	11 mm
3/4"	13 mm
1"	15 mm

### Orifice Diameter

1/8" - 1/4"	6 mm
3/8"	10 mm
1/2"	11 mm
3/4"	13 mm
1"	15 mm

### Ø Öffnung

1/8" - 1/4"	6 mm
3/8"	10 mm
1/2"	11 mm
3/4"	13 mm
1"	15 mm

### Area orificio

1/8" - 1/4"	28,26 mm <sup>2</sup>
3/8"	78,5 mm <sup>2</sup>
1/2"	94,9 mm <sup>2</sup>
3/4"	132,6 mm <sup>2</sup>
1"	176,6 mm <sup>2</sup>

### Orifice Area

1/8" - 1/4"	28,26 mm <sup>2</sup>
3/8"	78,5 mm <sup>2</sup>
1/2"	94,9 mm <sup>2</sup>
3/4"	132,6 mm <sup>2</sup>
1"	176,6 mm <sup>2</sup>

### Fläche

1/8" - 1/4"	28,26 mm <sup>2</sup>
3/8"	78,5 mm <sup>2</sup>
1/2"	94,9 mm <sup>2</sup>
3/4"	132,6 mm <sup>2</sup>
1"	176,6 mm <sup>2</sup>

### Temperatura di esercizio

NBR: -10 °C ÷ +90 °C
VITON: -10 °C ÷ +250 °C

### Working temperature

NBR: -10 °C ÷ +90 °C
VITON: -10 °C ÷ +250 °C

### Betriebstemperatur

NBR: -10 °C ÷ +90 °C
VITON: -10 °C ÷ +250 °C

### Campo di taratura

0 ÷ 18 bar

### Setting range

0 ÷ 18 bar

### Regulierbereich

0 ÷ 18 bar

### Portata effettiva di scarico l/m - Real flow of blowdown lt/m - Effektiver abflussdurchsatz lt/m

BAR	1/8" - 1/4"	3/8"	1/2"	3/4"	1"
1	130	405	449	3572	5946
2	167	550	610	4601	7004
3	350	786	872	5630	8054
4	550	1150	1276	6659	9304
5	920	1850	2053	7688	10554
6	1300	2458	2728	8717	11534
7	1630	3350	3718	10220	12542
8	2500	4300	5413	11728	13492
9	2800	4765	5765	12757	15618
10	3316	5960	6344	13786	16576
11	3450	6871	7626	14815	17857
12	3600	7836	8768	15844	19138
13	3807	9487	10530	16873	20419
14	3904	9758	10831	17902	21700
15	4100	10180	11299	18755	22981
16	4450	11287	12528	19608	24262
17	4700	12468	12700	20461	25543
18	4850	12780	13950	21314	26545

## RV 10



### Valvola sicurezza tarata

Set safety valve  
Überdruckventil

Codice/Code	Misure/Size	Tarata/Set	
<b>RV100814</b>	G1/4"	8,5 BAR	1
<b>RV101238</b>	G3/8"	12 BAR	1
<b>RV101212</b>	G1/2"	12 BAR	1
<b>RV101234</b>	G3/4"	12 BAR	1
<b>RV101201</b>	G1"	12 BAR	1

## RV 11



### Valvola sicurezza libera

Free safety valve  
Überdruckventil

Codice/Code	Misure/Size		
<b>RV110018</b>	G1/8"	1	1
<b>RV110014</b>	G1/4"	1	1
<b>RV110038</b>	G3/8"	1	1
<b>RV110012</b>	G1/2"	1	1

## RV 28



### Rubinetto spurgo

Draing valve  
Entlüftungsventil

Codice/Code	Misure/Size	
<b>RV280018</b>	G1/8	10
<b>RV280014</b>	G1/4	10
<b>RV280038</b>	G3/8	10
<b>RV280012</b>	G1/2	10

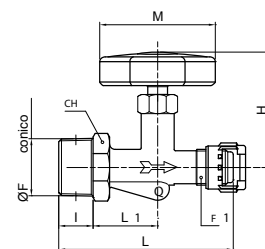
## RV 33



### Rubinetto linea con volantino ghiera

Male line valve  
Ventil

Codice/Code	F	F1	I	H	L	L1	CH	M	
<b>RV330014</b>	1/4	1/4	11	44,5	59,5	21	15	45	10
<b>RV330038</b>	3/8	1/4	11,5	44,5	59,5	20,5	15	45	10
<b>RV330012</b>	1/2	1/4	12,5	44,5	63,5	23,5	22	45	10



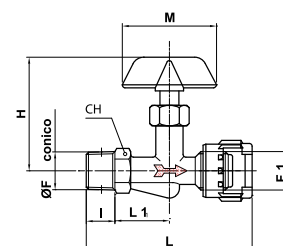
## RV 34



### Rubinetto linea levetta ghiera

Male line valve  
Ventil

Codice/Code	F	F1	I	H	L	L1	CH	M	
<b>RV340018</b>	1/8	1/4	9	37,5	46,5	16	13	34	10
<b>RV340014</b>	1/4	1/4	11	44	59,5	21	15	43	10
<b>RV340038</b>	3/8	1/4	11,5	44	59,5	20,5	15	43	10
<b>RV340012</b>	1/2	1/4	12,5	44	63,5	23,5	22	43	10





# Valvole e rubinetti in ottone

Brass valves  
Messing Kugelhähne

## Dati tecnici valvole di ritegno RV 12-14-16-18-20

Non-return valves RV 12-14-16-18-20 technical data

Technischen Daten der Rückschlagventile RV 12-14-16-18-20

### Impiego

Le valvole di ritegno sono ottimali per i costruttori di compressori d'aria. Per rispondere alle esigenze del mercato, le valvole di ritegno sono prodotte nelle versioni orizzontali e verticali. Le caratteristiche tecniche ed i materiali impiegati garantiscono un alto grado di affidabilità e di resistenza alle alte temperature pneumatiche a cui vengono sottoposte.

### Materiali

Corpo/tappo: Ottone UNI EN 12164 CW 614N. Ottone UNI EN 12165 CW 617N  
Elemento di tenuta: FKM (VITON) - 85 Shore. Temperatura di esercizio della pastiglia 200°C NBR - Gomma anticalore - antiolio -80 Shore. Temperatura di esercizio della pastiglia 130°C  
Molle: Acciaio INOX - AISI 302  
Guarnizione tenuta corpo/tappo: Alluminio ricotto oppure OR in NBR resistenza temperatura 130°C

### Trattamento superficiale

Nichelatura

### Filettatura

Gas conica ISO 7 - DIN 2999 - BS 21

### Pressione nominale

16 bar

### Use

Non-return valves are successfully used in air compressors. Horizontal and vertical versions are available to meet all market requirements. Technical specification and the top quality of materials used, guarantee high reliability and resistance to high pneumatic temperatures.

### Materials

Body/cap: Brass UNI EN 12164 CW 614N. Brass UNI EN 12165 CW 617N  
Sealing element: FKM (VITON) - 85 Shore. Disk working temperature 200°C or NBR - heat - and oil - proof rubber - 80 Shore. Disk working temperature 130°C  
Springs: AISI 302 stainless steel  
Body/cap seal: Annealed aluminium, or NBR O-ring resistant to 130°C

### Surface treatment

Nickel - plating

### Thread

Taper gas ISO 7 - DIN 2999 - BS 21

### Nominal pressure

16 bar

### Verwendung

Die Rückschlagventile sind ideal für Hersteller von Kompressoren. Um den Bedürfnissen des Marktes gerecht zu werden, die Rückschlagventile in horizontaler und vertikaler Ausführung produziert. Die technischen Eigenschaften und die verwendeten Materialien gewährleisten ein hohes Maß an Zuverlässigkeit und Beständigkeit gegen hohe Temperaturen, die pneumatische ausgesetzt sind.

### Werkstoffe

Gehäuse/Kappe: Messing UNI EN 12164 CW 614N. Messing UNI EN 12165 CW 617N  
Dichtungen: FKM (VITON) - 85. Tablette Betriebstemperatur von 200°C NBR - wärmeisolierende Gummi - ölbeständig - 80 Shore. Tablette Betriebstemperatur von 130°C  
Feder: Edelstahl - AISI 302 Dichtung Gehäuse/Kappe: reduziert Aluminium oder NBR beständig bis 130°C

### Oberflächenbehandlung

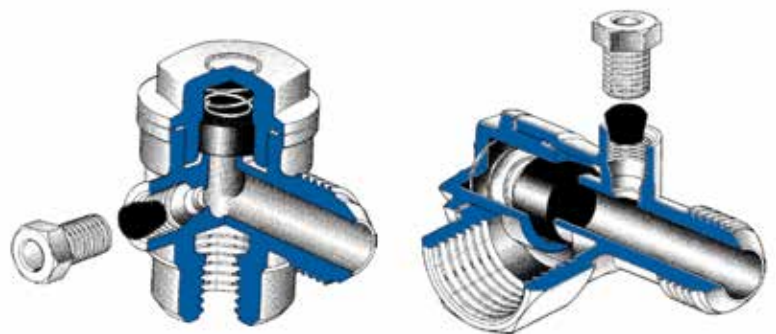
Nickel

### Gewinde

Gas konisch ISO 7 - DIN 2999 - BS 21

### Nenndruck

16 bar



## RV 12



### Valvola orizzontale F.M.

F.M. horizontal non return valve  
Horizontalhähne

Codice/Code	Misure/Size	📦
RV120038	3/8"F- 3/8"M.	1
RV120012	1/2"F- 1/2"M.	1

## Q

new



### Pastiglie

Tablet  
Tablette

Codice/Code	📦
Q10NBR	10
*Q10VITON	10
Q15NBR	10
*Q15VITON	10
Q20VITON	10
Q25VITON	10
Q30VITON	10

## RV 14



### Valvola orizzontale maschio-maschio

M.M. horizontal non return valve  
Horizontalhähne

Codice/Code	Misure/Size	📦
RV143838	3/8"M- 3/8"M	1
RV141238	1/2"M- 3/8"M	1
RV141212	1/2"M- 1/2"M	1
RV143412	3/4"M- 1/2"M	1

## A

new



### Guarnizione alluminio

Aluminium seal  
Aluminium-Dichtung

Codice/Code	📦
A15	10
A25	10
A30	10
A40	10
OR2075	10

## RV 16



### Valvola verticale femmina-maschio

F.M. vertical non return valve  
Vertikalhähne

Codice/Code	Misure/Size	📦
RV161238	1/2"F- 3/8"M	1
RV161212	1/2"F- 1/2"M	1
RV163412	3/4"F- 1/2"M	1
RV163434	3/4"F- 3/4"M	1

## M

new



### Molla

Spring  
Feder

Codice/Code	📦
M15	10
M20	10
M25	10
M30	10
M45	10
M50	10

## RV 18



### Valvola verticale maschio-maschio

M.M. vertical non return valve  
Vertikalhähne

Codice/Code	Misure/Size	📦
RV181238	1/2"M- 3/8"M	1
RV183438	3/4"M- 3/8"M	1
RV180134	1"M- 3/4"M	1

## RV 20



### Valvola verticale femmina femmina

F.F. vertical non return valve  
Vertikalhähne

Codice/Code	Misure/Size	📦
RV200101	1"F- 1"F	1

# Valvole e rubinetti in ottone

Brass valves

Messing Kugelhähne

## Dati tecnici valvole di scarico rapido RV 40-40P-40G

Exhaust valves RV 40-40P-40G technical data

Technischen Daten der Schnellentlüftungsventil RV 40-40P-40G

### Applicazioni

Circuiti pneumatici

### Applications

Pneumatic systems

### Anwendungen

Pneumatikkreisläufe

### Pressione

Min. 0,3 BAR / max. 10 BAR

### Pressure

Min. 0,3 BAR / max. 10 BAR

### Druck

Min. 0,3 BAR / max. 10 BAR

### Temperatura

Min. -20°C / max. +80°C

### Temperature

Min. -4°F / max. 176°F

### Temperatur

Min. -20°C / max. +80°C

### Materiali

Corpo/Tappo: ottone UNI EN 12165 CW617N  
Elemento di tenuta: Elastomero poliuretano  
Guarnizione tenuta corpo/tappo: Nylon

### Materials

Body/cap: Brass UNI EN 12165 CW 617N  
Sealing element: Polyurethane elastomer  
Body/cap seal: Nylon

### Werkstoffen

Gehäuse/Kappe: Messing UNI EN 12165 CW 617N  
Dichtungen: Polyurethan Elastomer  
Dichtung Gehäuse/Kappe: Nylon

### Trattamento superficiale

Nichelatura

### Surface treatment

Nickel-plating

### Oberflächenbehandlung

Nickel

### Filettatura

Gas cilindrica ISO 228 (BSPP)

### Thread

Cylindrical GAS ISO 228 (BSPP)

### Gewinde

Gas zylindrisch ISO 228 (BSPP)

## RV 40

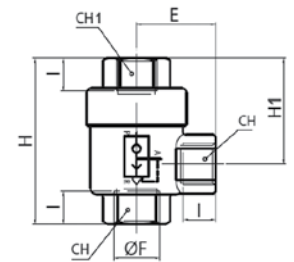


### Valvola di scarico rapido

Quick exhaust valve

Schnellentlüftungsventile

Codice/Code	F"	I	H	H1	CH	CH1	E	
RV4000M5	M5	4,5	24,8	15,6	10	10	10,5	10
RV400018	1/8	8	42	28	14	14	19,5	10
RV400014	1/4	11	53	34,5	19	19	25	10
RV400038	3/8	12	58	36	21	21	26	10
RV400012	1/2	14	71	44	26	26	35	5
RV400034	3/4	18	86	52	32	32	38,5	5
RV400001	1	19	94	56	38	38	42	5



## RV 40P

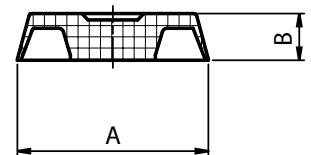


### Membrana per valvola di scarico rapido

Membrane for quick exhaust valve

Membrane für Schnellentlüftungsventile

Codice/Code	A	B					
RV40PM5	13,5	4,5					1
RV40P18	20,5	5					1
RV40P1438	25,5	5,8					1
RV40P12	35,5	8,2					1
RV40P3401	40,5	9					1



## RV 40G

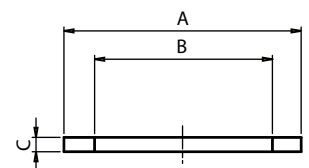


### Guarnizione in nylon per valvola di scarico rapido

Nylon seal for quick exhaust valve

Dichtung Nylon für Schnellentlüftungsventile

Codice/Code	A	B	C				
RV40GM5	17	12,4	0,8				1
RV40G18	23,8	20	1				1
RV40G1438	28,5	24	1				1
RV40G12	38,6	32	1,5				1
RV40G3401	45	38	1,5				1



## Dati tecnici valvola a corsoio RV 41-41A

Hand slide valve RV 41-41A technical data

Technischen Daten der Handschiebeventile RV 41-41A

### Descrizione

Valvola manuale per intercettazione e scarico delle tubazioni di aria compressa.

### Funzionamento

Lo spostamento del corsoio provoca da un lato l'apertura della valvola e dall'altro la chiusura, con messa allo scarico della condotta a valle.

### Impiego

Aria compressa  
Aria compressa lubrificata  
Gas vari (gas che scaricati in atmosfera non siano pericolo per persone e cose)

### Pressione di esercizio

10 bar - 1000 kPa MAX

### Temperatura di esercizio

-5°C ÷ +70 °C

### Materiali

Corpo: Ottone CW 614N C romato  
Corsoio: Alluminio anodizzato nero, blu, rosso  
O-Ring: NBR 70  
Anello elastico: Acciaio

### Misure

M5 - 1/8" - 1/4" - 3/8" - 1/2" - 3/4"

### Estremità

con filetti G – GA ISO 228 e NPT (Rp - R ISO 7 a richiesta)

### Description

Manual valve for the shut-off and discharge of compressed air hoses.

### Function

Movement of the slide causes the opening of the valve on one side and its closing on the other, with discharge to the downstream conductor.

### Use

Compressed air  
Lubricated compressed air  
Various gasses (Except gasses which can be dangerous for people and things)

### Working pressure

10 bar - 1000 kPa MAX

### Working temperature

+23°F ÷ +160°F

### Materials

Body: Brass CW614N chrome plated  
Slider: Anodized Aluminium black, blue, red  
O-Ring: NBR 70  
Elastic ring: Steel

### Sizes

M5 - 1/8" - 1/4" - 3/8" - 1/2" - 3/4"

### Extremity

With threads G – GA ISO 228 e NPT (Rp - R ISO 7 on request)

### Beschreibung

Handventil zum Abfangen und Abfuhr von Druckluft Rohrleitungen.

### Funktionsweise

Die Verlagerung des Schiebers von einer Seite bewirkt, das Ventil zu öffnen und die andere geschlossen, mit der Inbetriebnahme des Abgases Stromabwärtsleitung.

### Verwendung

Druckluft  
Geölte Druckluft  
Verschiedene Gase (Gase in die Atmosphäre entlassen werden keine Gefahr für Personen und Sachen)

### Betriebsdruck

10 bar - 1000 kPa MAX

### Betriebstemperatur

-5°C ÷ +70 °C

### Werkstoffe

Gehäuse: Messing CW 614N verchromt  
Schieber: eloxierte aluminium schwarz, blau, rot  
O-Ring: NBR 70  
Elastischen Ring: Stahl

### Maße

M5 - 1/8" - 1/4" - 3/8" - 1/2" - 3/4"

### Ende

Mit Gewinde G – GA ISO 228 e NPT (Rp - R ISO 7 auf Anfrage)

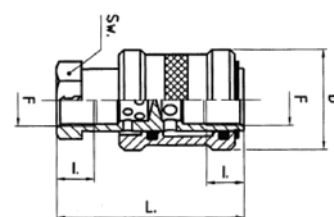
## RV 41



### Valvola a corsoio

Hand slide valve  
Handschiebeventile

Codice/Code	F"	D	I	L	SW			
RV4100M5	M5	14	5	30.5	10			10
RV410018	G1/8"	25	9	48	14			10
RV410014	G1/4"	30	11.5	58	19			10
RV410038	G3/8"	35	12	70	22			10
RV410012	G1/2"	40	15	75	27			10
RV410034	G3/4"	50	16.5	83	32			10



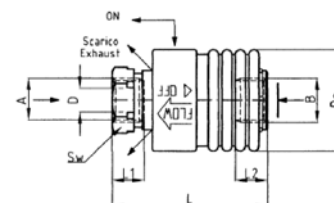
## RV 41A



### Valvola a corsoio in alluminio

Aluminum hand slide valve  
Aluminum Handschiebeventile

Codice/Code	A-B	L1	L2	L	D	DE	SW	
RV41A0018	G1/8"	8	8	40	6	25	14	10
RV41A0014	G1/4"	9.5	9.5	46	8	30	17	10
RV41A0038	G3/8"	10.5	10.5	52	10	35	21	10
RV41A0012	G1/2"	12	12	62	12.5	40	26	10



# Valvole e rubinetti in ottone

Brass valves

Messing Kugelhähne

## Dati tecnici rubinetti mini ball RV 22-23

Mini ball RV 22-23 technical data

Technische Daten der Mini Ball RV 22-23

### Materiali

Corpo valvola: CW 617N UNI-EN 12165 ricavato da stampaggio a caldo di barra estrusa  
Asta: CW 614N UNI-EN 12164  
Ghiera: CW 614N UNI-EN 12164  
Sfera: CW 614N UNI-EN 12164 nichelata  
Guarnizioni della sfera: PTFE (Teflon)  
Anello di tenuta asta: FKM (Viton)  
Leva: Nylon 66 caricato vetro

### Finitura

Cromata

### Manovra

Rotazione di 90° della leva

### Diametro nominale

Da 5.5 mm

### Pressione di esercizio

0 - 10 bar a 90 °C

### Limiti di temperatura

- 10 °C / + 90 °C

### Direzione di passaggio

Bidirezionale

Disponibile con clip rossa cod. CLIPR2223  
o clip blu cod. CLIPB2223

### Materials

Valve body: CW 617N UNI-EN 12165 made from hot-forged extruded bars  
Stem: CW 614N UNI-EN 12164  
Retainer: CW 614N UNI-EN 12164  
Ball: CW 614N UNI-EN 12164 nickel plated  
Ball gaskets: PTFE (Teflon)  
Stem sealing ring: FKM (Viton)  
Lever: glass-charged nylon 66

### Surface finishing

Chrome plated

### Operation

90° rotation of lever

### Nominal diameter

From 5.5 mm

### Working pressure

0 - 10 bar at 90 °C

### Temperature limits

14°F / 194°F

### Direction

Two-ways

Available with red clip cod. CLIPR2223  
or blue clip cod. CLIPB2223

### Werkstoffen

Ventilkörper: CW 617N UNI-EN 12165 gebildet durch heiße Formung des extrudierten bar  
Auktion: CW 614N UNI-EN 12164  
Ring: CW 614N UNI-EN 12164  
Kugel: CW 614N UNI-EN 12164 vernickelt  
Kugeldichtung: PTFE (Teflon)  
Dichtungsring des Stabes: FKM (Viton)  
Hebel: Nylon 66 Glas

### Endbehandlung

Chrom

### Betrieb

90 °-Drehung des Hebels

### Diameter

von 5.5 mm

### Druck

0 - 10 bar at 90 °C

### Temperaturgrenzen

- 10 °C / + 90 °C

### Richtung

Bidirektional

Mit rotem Clip Kode CLIPR2223  
oder blauem Clip Kode CLIPB2223



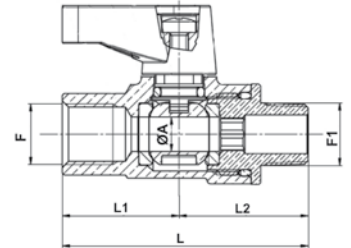
## RV 22



### Rubinetto mini ball maschio-femmina

Male-female mini ball valve  
Mini Kugelhähne

Codice/Code	F"	F1"	ØA	L1	L2	L	
<b>RV221818</b>	G1/8	R1/8	5.5	18.5	20.5	39	10
<b>RV221414</b>	G1/4	R1/4	5.5	20.5	24	44.5	10



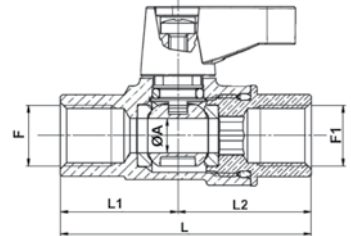
## RV 23



### Rubinetto mini ball femmina-femmina

Female-female mini ball valve  
Mini Kugelhähne

Codice/Code	F"	F1	ØA	L1	L2	L	
<b>RV231818</b>	G1/8	G1/8	5.5	18.5	21	39.5	10
<b>RV231414</b>	G1/4	G1/4	5.5	20.5	24	44.5	10



## CLIP



### Clip per mini ball RV22-23

Clip for mini ball RV22-23  
Clip für Minikugelhahn RV22-23

Codice/Code	Colore/Color/Farbe	
<b>CLIPR2223</b>	Rosso - Red - Rot	10
<b>CLIPB2223</b>	Blu - Blue - Blau	10



## Valvole e rubinetti in ottone

Brass valves  
Messing Kugelhähne

### Dati tecnici rubinetti a sfera RV 36-37-38-39-42-43

Ball valve RV 36-37-38-39-42-43 technical data

Technische Daten der Kugelhähne RV 36-37-38-39-42-43

#### Applicazioni

Circuiti pneumatici, oleodinamici e idraulici. Le valvole sono anche usate per medio/basso vuoto pneumatico.

#### Applications

Pneumatic, oil-dynamics and hydraulic circuits. They can also be used for medium/low vacuum pneumatic.

#### Anwendungen

Pneumatischen Schaltungen und hydraulische Systeme. Die Ventile sind auch für mittel/niedrig Vakuum Reifen verwendet.

#### Tubi di collegamento

Tubi metallici in genere. Con rinforzo interno per tubi plastici (PA, PU, PE etc.).

#### Connecting tubes

Metallic pipes in general. With internal reinforcement for plastic tubes.

#### Schlauch

Metallrohre im Allgemeinen. Mit innerer Verstärkung für Kunststoffrohre (PA, PU, PE etc.).

#### Pressione

Pressione massima 20 bar

#### Pressure

Max pressure 20 bar

#### Druck

Maximaldruck von 20 bar

#### Temperatura

Min. -20 °C/Max. +80 °C

#### Temperature

Min. -4 °F/Max. +176 °F

#### Temperatur

Min. -20 °C/Max. +80 °C

#### Materiali

Corpo: ottone UNI EN 12165 CW617N - UNI EN 12164 CW614N  
Sfera: ottone UNI EN 12164 CW614N  
Maniglia: PA 66  
Vite: Acciaio  
Albero: ottone UNI EN 12164 CW614N  
Guarnizioni sede sfera: PTFE  
OR: NBR 70  
Ogiva: ottone UNI EN 12164 CW614N  
Dado: ottone UNI EN 12164 CW614N  
Ghiera: ottone UNI EN 12164 CW614N

#### Materials

Body: brass standard UNI EN 12165 CW617N - UNI EN 12164 CW614N  
Ball: brass standard UNI EN 12164 CW614N  
Handle: PA66  
Screw: Steel  
Shaft: brass standard UNI EN 12164 CW614N  
Washers ball seat: PTFE  
OR: NBR70  
Conical seal: brass standard UNI EN 12164 CW614N  
Nut: brass standard UNI EN 12164 CW614N  
Ring nut: brass standard UNI EN 12164 CW614N

#### Werkstoffe

Gehäuse: Messing UNI EN 12165 CW617N - UNI EN 12164 CW614N  
Kugel: Messing UNI EN 12164 CW614N  
Griff: PA66  
Schraube: Stahl  
Schaft: Messing UNI EN 12164 CW614N  
Dichtungen Kugelsitz: PTFE  
OR: NBR70  
Klemmring: Messing UNI EN 12164 CW614N  
Mutter: Messing UNI EN 12164 CW614N  
Überwurfmutter: Messing UNI EN 12164 CW614N

#### Trattamento superficiale

Cromatura

#### Surface treatment

Chromium - plating

#### Oberflächenbehandlung

Verchromung

#### Filettatura

Gas conica ISO 7 (BSPT) BS21 -DIN 2999  
Gas cilindrica ISO 228 (BSPP)

#### Thread

Conical GAS ISO 7 (BSPT) - BS 21 -DIN 2999  
Cylindrical GAS ISO 228 (BSPP)

#### Gewinde

Gas konisch ISO 7 (BSPT) BS21 -DIN 2999  
Gas zylindrisch ISO 228 (BSPP)

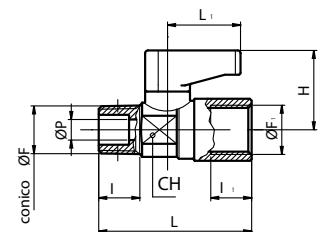
## RV 42



### Rubinetto mini ball maschio-femmina

Male/female mini ball valve  
Mini Kugelhähne

Code/Code	F"	F1"	P	I	I1	L	L1	H	CH	
RV421818	R1/8	G1/8	5.5	8	8	35.5	19.5	21.5	14	10
RV421418	R1/4	G1/8	5.5	11	8	38	19.5	21.5	14	10
RV421414	R1/4	G1/4	5.5	11	11	41	19.5	21.5	14	10
RV423814	R3/8	G1/4	5.5	11.5	11	41.5	19.5	21.5	14	10
RV423838	R3/8	G3/8	8	11.5	11.5	44.5	19.5	23	18	10
RV421212	R1/2	G1/2	10	15	15	55.5	26.5	33	22	10



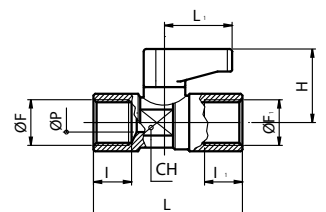
## RV 43



### Rubinetto mini ball femmina-femmina

Female/female mini ball valve  
Mini Kugelhähne

Code/Code	F"	F1"	P	I	I1	L	L1	H	CH	
RV431818	G1/8	G1/8	5.5	8	8	36.5	19.5	21.5	14	10
RV431414	G1/4	G1/4	5.5	11	11	43	19.5	21.5	14	10
RV433838	G3/8	G3/8	8	11.5	11.5	46	19.5	23	18	10
RV431212	G1/2	G1/2	10	15	15	56.5	26.5	33	22	10



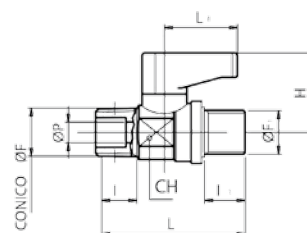
## RV 36



### Rubinetto mini ball maschio-maschio

Male male mini ball valve  
Mini Kugelhähne

Codice/Code	F"	F1"	P	I	I1	L	L1	H	CH	
<b>RV361818</b>	R1/8	G1/8	5.5	8	7	33	19.5	21.5	14	10
<b>RV361814</b>	R1/8	G1/4	5.5	8	7.5	33.5	19.5	21.5	14	10
<b>RV361418</b>	R1/4	G1/8	5.5	11	7	35.5	19.5	21.5	14	10
<b>RV361414</b>	R1/4	G1/4	5.5	11	7.5	36	19.5	21.5	14	10
<b>RV363814</b>	R3/8	G1/4	5.5	11.5	7.5	37	19.5	21.5	14	10
<b>RV363838</b>	R3/8	G3/8	8	11.5	8.5	38.5	19.5	23	18	10
<b>RV361212</b>	R1/2	G1/2	10	15	9.5	51	26.5	33	22	10



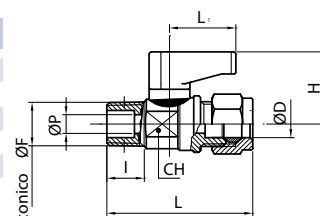
## RV 37



### Rubinetto mini ball maschio-ogiva

Male-compression mini ball valve  
Mini Kugelhähne

Codice/Code	F"	D	P	I	L	L1	H	CH	
<b>RV371806</b>	R1/8	6	5.5	8	39	19.5	21.5	14	10
<b>RV371406</b>	R1/4	6	5.5	11	42	19.5	21.5	14	10
<b>RV371808</b>	R1/8	8	5.5	8	39	19.5	21.5	14	10
<b>RV371408</b>	R1/4	8	5.5	11	42	19.5	21.5	14	10
<b>RV373808</b>	R3/8	8	5.5	11.5	43	19.5	21.5	14	10



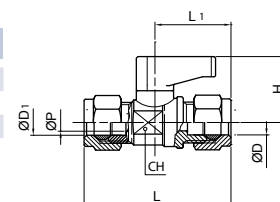
## RV 38



### Rubinetto mini ball ogiva

Compression mini ball valve  
Mini Kugelhähne

Codice/Code	D1	D	P	L	L1	H	CH	
<b>RV380606</b>	6	6	5.5	47	19.5	21.5	14	10
<b>RV380608</b>	6	8	5.5	48	19.5	21.5	14	10
<b>RV380808</b>	8	8	5.5	49	19.5	21.5	14	10



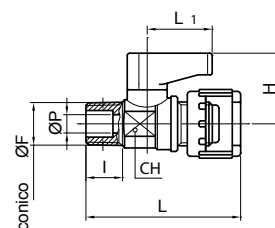
## RV 39



### Rubinetto mini ball maschio/baionetta

Male-nut milled mini ball valve  
Mini Kugelhähne

Codice/Code	F"	P	I	L	L1	H	CH	
<b>RV391818</b>	R1/8	5.5	8	38.5	19.5	21.5	14	10
<b>RV391414</b>	R1/4	5.5	11	41	19.5	21.5	14	10



# Valvole e rubinetti in ottone

Brass valves

Messing Kugelhähne

## Dati tecnici rubinetti a sfera RV 44-45-49

Ball valve RV 44-45-49 technical data

Technische Daten der Kugelhähne RV 44-45-49

### Materiali

Corpo valvola: Ottone CW 614N UNI-EN 12164 ricavato da barra esagonale profilata  
Asta: Ottone CW 614N UNI-EN 12164  
Ghiera: Ottone CW 614N UNI-EN 12164  
Sfera: Ottone CW 614N UNI-EN 12164 nichelata  
Guarnizioni della sfera: PTFE (Teflon)  
Anello di tenuta asta: OR NBR 70  
Leva: Nylon 66 caricato vetro

### Finitura

Versione MF/FF: cromata  
Versione maschio/maschio: nichelata

### Manovra

Rotazione di 90° della leva o del cacciavite

### Diametro nominale

Da 6 mm a 13,5 mm

### Pressione di esercizio

0 - 10 bar a 90° C

### Limiti di temperatura

- 10 °C / + 90 °C

### Direzione di passaggio

Bidirezionale

### Materials

Valve body: CW 614N UNI-EN 12164 made from profiled hexagonal bars  
Stem: CW 614N UNI-EN 12164  
Retainer: CW 614N UNI-EN 12164  
Ball: CW 614N UNI-EN 12164 nickel plated  
Ball gaskets: PTFE (Teflon)  
Stem sealing ring: OR NBR 70  
Lever: glass-charged nylon 66

### Surface finishing

MF/FF version: chrome plated  
Male/male version: nickel plated

### Operation

90° lever rotation or screwdriver operation

### Nominal diameter

From 6 to 13,5 mm

### Working pressure

0 - 10 bar at 90° C

### Temperature limits

14°F / 194°F

### Direction

Two-ways

### Werkstoffe

Ventilkörper: Messing CW 614N UNI-EN 12164, Aus sechseckige bar-Schiene  
Aktion: Messing CW 614N UNI-EN 12164  
Überwurfmutter: Messing CW 614N UNI-EN 12164  
Kugel: Messing CW 614N UNI-EN 12164 vernickelt  
Dichtungen der Kugel: PTFE (Teflon)  
Dichtring Aktion: OR NBR 70  
Griff: Nylon 66 Glas

### Endbehandlung

MF / FF: chrom  
MM: vernickelt

### Betrieb

90 °-Drehung des Hebels oder des Schraubendrehers

### Diameter

von 6 bis 13,5 mm

### Druck

0 - 10 bar am 90° C

### Temperatur

- 10 °C / + 90 °C

### Richtung

Bidirektional



# Valvole e rubinetti in ottone

Brass valves

Messing Kugelhähne

## Dati tecnici valvole unidirezionali RV 46V-47V-48V

Unidirectional valves RV 46V-47V-48V technical data

Technische Daten der Einweg Hähne RV 46V-47V-48V

### Descrizione

Valvola di non ritorno unidirezionale.

Il sistema con chiusura a sfera da il vantaggio di eliminare l'attrito dei componenti aumentando la durata nel tempo (long life)

### Impiego

Aria compressa  
Aria compressa lubrificata  
Gas vari  
Liquidi in genere

### Materiali

Corpo: Ottone CW 614N Nichelato  
Pinza: Ottone CW 614N  
Sfera: Acciaio Inox AISI 304  
Molla: Acciaio Inox AISI 302  
O-Ring: FKM

### Misure

M5 - 1/8" - 1/4" - 3/8" - 1/2"

### Filettature

con filetti G – GAS ISO 228  
(Rp – R ISO 7 - NPT a richiesta)

### Pressione di esercizio

0,5 - 10 bar  
50-1000lPa  
7 - 145 PSI

### Pressione di apertura

0,07 bar  
7kPa  
1PSI min. - max

### Temperatura

-5°C + 70°C  
+23°F + 160°F

### Description

Unidirectional valve with ball shutter.

The ball shutter system avoid the friction of the components increasing the live of product (long life)

### Use

Compressed air  
Lubricated compressed air  
Various gasses  
Various liquids

### Materials

Body: Brass CW 614N Nickel  
Pliers: Brass CW 614N  
Ball: Stainless steel AISI 304  
Spring: Stainless steel AISI 302  
O-Ring: FKM

### Sizes

M5 - 1/8" - 1/4" - 3/8" - 1/2"

### Thread

with threads G – GAS ISO 228  
(Rp – R ISO 7 - NPT on request)

### Working pressure

0,5 - 10 bar  
50-1000lPa  
7 - 145 PSI

### Opening pressure

0,07 bar  
7kPa  
1PSI min. - max

### Temperature

-5°C + 70°C  
+23°F + 160°F

### Beschreibung

Ein Rückschlagventil.

Das System mit Absperrmitteln Ball aus dem Vorteil, dass die Reibung der Komponenten durch Erhöhung der Haltbarkeit (lange Lebensdauer)

### Verwendung

Druckluft  
Geölte Druckluft  
Verschiedenen Gas  
Flüssigkeiten im Allgemeinen

### Werkstoffe

Gehäuse: Messing CW 614N vernickelt  
Bremsattel: Brass CW 614N  
Kugel: Edelstahl AISI 304  
Feder: Edelstahl AISI 302  
O-Ringe: FKM

### Maße

M5 - 1/8" - 1/4" - 3/8" - 1/2"

### Gewinde

mit Gewinde G – GAS ISO 228  
(Rp – R ISO 7 - NPT auf Anfrage)

### Betriebsdruck

0,5 - 10 bar  
50-1000lPa  
7 - 145 PSI

### Drucköffnung

0,07 bar  
7kPa  
1PSI min. - max

### Temperatur

-5°C + 70°C  
+23°F + 160°F

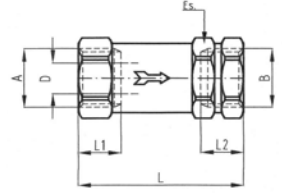
## RV 46V



### Valvola unidirezionale femmina-femmina (FKM)

Unidirectional valve female-female (FKM)  
Einweg Hähne FKM

Codice/Code	A"	B"	D	L1	L2	L	ES			
<b>RV4600M5V</b>	M5	M5	2.8	6	6	24	10			10
<b>RV460018V</b>	G1/8	G1/8	5	8	8	31	13			10
<b>RV460014V</b>	G1/4	G1/4	7	9.5	9.5	37	16			10
<b>RV460038V</b>	G3/8	G3/8	8.5	10.5	10.5	42	20			10
<b>RV460012V</b>	G1/2	G1/2	10	12	12	50	25			10



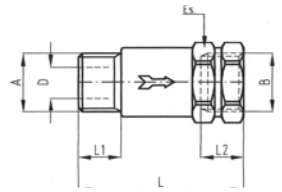
## RV 47V



### Valvola unidirezionale maschio-femmina (FKM)

Unidirectional valve male-female (FKM)  
Einweg Hähne FKM

Codice/Code	A"	B"	D	L1	L2	L	ES			
<b>RV470018V</b>	G1/8	G1/8	5	7	8	30	13			10
<b>RV470014V</b>	G1/4	G1/4	7	8	9.5	35	16			10



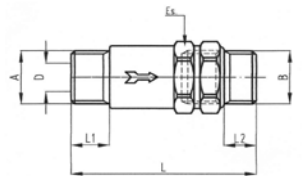
## RV 48V



### Valvola unidirezionale maschio-maschio (FKM)

Unidirectional valve male-male (FKM)  
Einweg Hähne FKM

Codice/Code	A"	B"	D	L1	L2	L	ES			
<b>RV480018V</b>	G1/8	G1/8	5	7	7	38	13			10
<b>RV480014V</b>	G1/4	G1/4	7	8	8	44	16			10





## Valvole e rubinetti in ottone

Brass valves  
Messing Kugelhähne

### Dati tecnici valvole a sfera (serie media) RV 50-51-52-53-58-59

Ball valves (medium series) RV 50-51-52-53-58-59 technical data

Technische Daten der Kugelhähne (Mittel Serie) RV 50-51-52-53-58-59

#### Impieghi

Sono adatte per impiantistica idraulica, installazioni idrotermosanitarie, aria compressa ed impianti di irrigazione.

Valvola a sfera a passaggio totale, attacchi filettati F/F - M/F - M/M.  
Standard leva rossa 

A richiesta leva blu 

Omologazioni internazionali 

#### Applications

Are suitable for use in the hydraulic, sanitary, irrigation and compressed air industries.

Full bore ball valve, threaded ends F/F - M/F - M/M.  
Standard red lever 

On demand blue lever 

International approvals 

#### Verwendung

Eignen sich für Hydraulik-, Sanitär-, Druckluft- und Bewässerungssysteme.

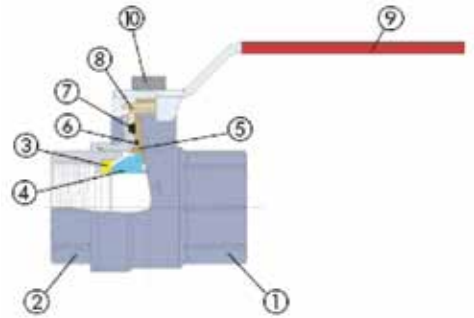
Kugelhahn mit vollem Durchgang, Gewinden F/F - M/F - M/M.  
Standard roten Hebel 

Auf Anfragen blauen Hebel 

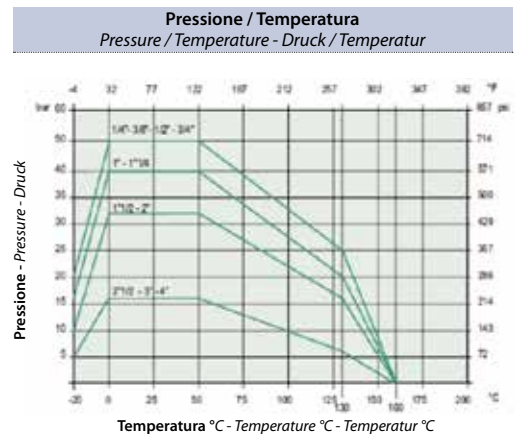
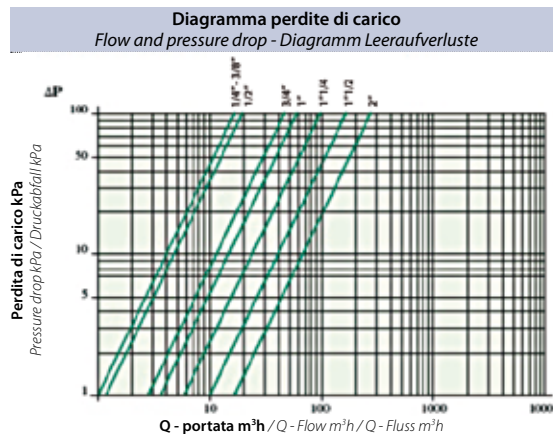
Internationale Zulassungen 

N	Denominazione Part name / Name	Materiale Material / Werkstoff	Trattamento Treatment / Behandlung
1	Corpo Body Körper	Ottone - Brass - Messing CW617N UNI EN 12165/98	Nichelato Nickel plated vernickelt
2	Manicotto Body end Ärmel	Ottone - Brass - Messing CW617N UNI EN 12165/98	Nichelato Nickel plated vernickelt
3	Seggio - Seat - Sitz	PTFE	
4	Sfera Ball Kugel	Ottone - Brass - Messing CW617N UNI EN 12165/98	Cromata Chrome plated chrom
5	Asta - Stem - Stange	Ottone - Brass - Messing CW617N UNI EN 12165/98	
6	O-ring - O-ring - O-Ringe	NBR	
7	Rondella - Seal - Scheibe	PTFE	
8	Premistoppa Packing nut Stopfbuchse	Ottone - Brass - Messing CW617N UNI EN 12165/98	
9	Maniglia - Handle - Griff	Acciaio - Steel - Stahl	Rivestimento PVC Plastic coated PVC
10	Dado - Nut - Mutter	Acciaio - Steel - Stahl	Zincato Nickel plated vernickelt

Dati tecnici Technical data - Technische Daten	
Pressione di esercizio Working pressure Betriebsdruck	1/4" - 3/4" 50 bar 1" - 1 1/4" 40 bar 1 1/2" - 2" 32 bar 2 1/2" - 4" 16 bar
Temperatura di esercizio Working temperature Betriebstemperatur	-20°C ÷ +160°C
Filettatura estremità Threaded ends Endgewinde	UNI ISO 228/1
Asta anticoppio Anti blow-out steam Stange Überdruck	



Coefficiente KW KW factor - Koeffizient KW	
1/4" - 10	15
3/8" - 10	15
1/2" - 15	20
3/4" - 20	45
1" - 25	60
1 1/4" - 32	100
1 1/2" - 40	170
2" - 50	265







## Dati tecnici valvole a sfera RV 54-55

Ball valves RV 54-55 technical data

Technische Daten der Kugelhähne RV 54-55

### Impieghi

Sono adatte per impiantistica idraulica, installazioni idrotermosanitarie, aria compressa.

Valvola a sfera a 3 vie a passaggio ridotto, sfera forata a **L** o a **T**, attacchi filettati F/F/F.

Standard leva rossa

A richiesta leva blu

### Applications

Are suitable for use in the hydraulic, sanitary, irrigation and compressed.

Three ways reduced bore ball valve, available as either **L** or **T** port threaded ends F/F/F.

Standard red lever

On demand blue lever

### Verwendung

Eignen sich für Hydraulik-, Sanitär-, Druckluftsysteme.

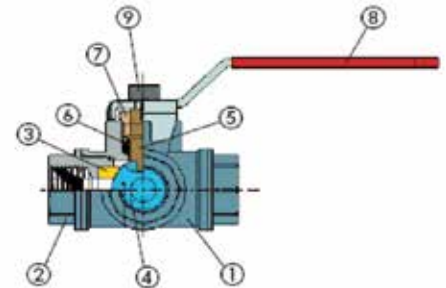
Kugelhahn mit vollem Durchgang, Gewinden F/F - M/F - M/M

Standard roten Hebel

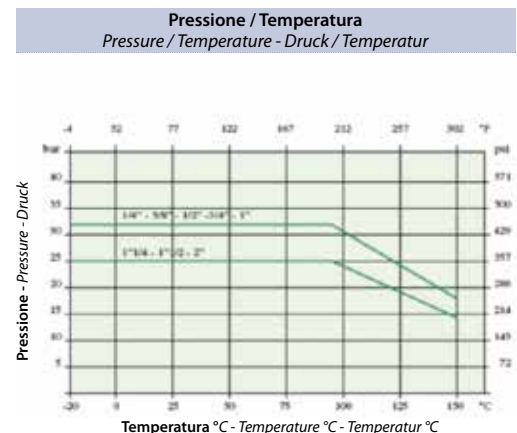
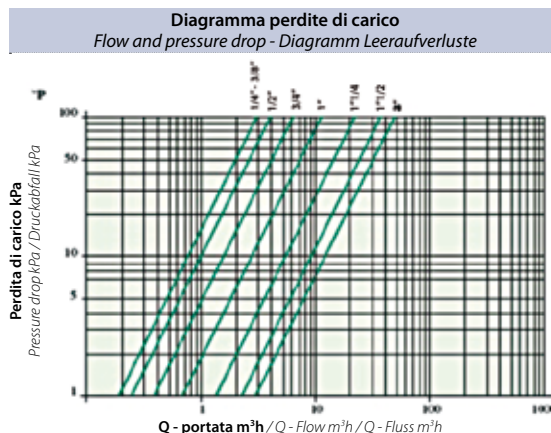
Auf Anfragen blauen Hebel

N	Denominazione Part name / Name	Materiale Material / Werkstoff	Trattamento Treatment / Behandlung
1	Corpo Body Körper	Ottone - Brass - Messing CW617N UNI EN 12165/98	Nichelato Nickel plated vernickelt
2	Manicotto Body end Ärmel	Ottone - Brass - Messing CW617N UNI EN 12165/98	Nichelato Nickel plated vernickelt
3	Seggio - Seat - Sitz	PTFE	
4	Sfera Ball Kugel	Ottone - Brass - Messing CW617N UNI EN 12165/98	Cromata Chrome plated chrom
5	Asta - Stem - Stange	Ottone - Brass - Messing CW617N UNI EN 12165/98	
6	Guarnizione asta Stem seat Dichtung des Stange	PTFE	
7	Premistoppa Packing nut - Stopfbuchse	Ottone - Brass - Messing CW617N UNI EN 12165/98	
8	Maniglia - Handle - Griff	Acciaio - Steel - Stahl	Rivestimento PVC Plastic coated PVC
9	Dado - Nut - Mutter	Acciaio - Steel - Stahl	Zincato Nickel plated vernickelt

Dati tecnici Technical data - Technische Daten	
Pressione di esercizio Working pressure Betriebsdruck	1/4" - 1" 32 bar 1 1/4" - 2" 25 bar
Temperatura di esercizio Working temperature Betriebstemperatur	-20°C ÷ +150°C
Filettatura estremità Threaded ends Endgewinde	UNI ISO 228/1



Coefficiente KW KW factor - Koeffizient KW	
1/4" - 10	3
3/8" - 10	3
1/2" - 12	4
3/4" - 15	6
1" - 20	12
1 1/4" - 25	21
1 1/2" - 32	35
2" - 40	47

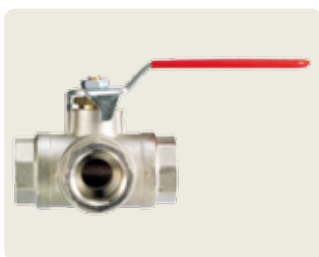


## Valvole e rubinetti in ottone

Brass valves

Messing Kugelhähne

RV 54

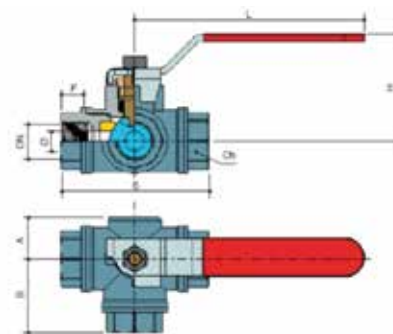


### Valvole a sfera in ottone F.F.F. (forata a "L")

Brass ball valves F.F.F. (Either "L")  
L-Kugelhähne Drei-Wege

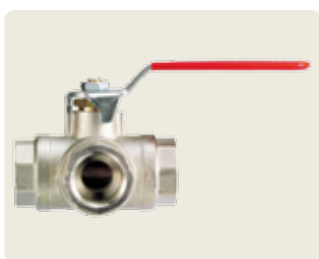
#### Schema di manovra

Operation draft  
System der Handlungsspielraum



Codice/Code	DN"	Ø	F	S	H	L	A	B	CH	
RV540014	G1/4	10	12	74	58	90	22	37	22	1
RV540038	G3/8	10	12	74	58	90	22	37	22	1
RV540012	G1/2	12	14	80	60	125	24	39	29	1
RV540034	G3/4	15	16	90	64	125	28	46	34	1
RV540001	G1	20	19	105	73	140	31	52	42	1
RV540114	G1"1/4	25	21	115	79	140	35	58	50	1
RV540112	G1"1/2	32	23	138	100	220	42	69	57	1
RV540002	G2	40	26	161	105	220	48	80	68	1

RV 55

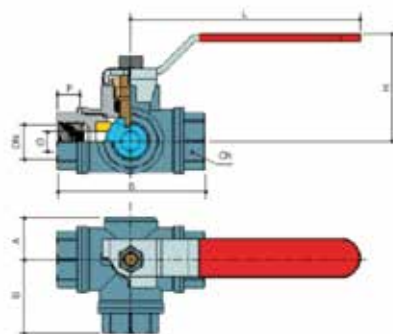


### Valvole a sfera in ottone F.F.F. (forata a "T")

Brass ball valves F.F.F. (Either "T")  
T-Kugelhähne Drei-Wege

#### Schema di manovra

Operation draft  
System der Handlungsspielraum



Codice/Code	DN"	Ø	F	S	H	L	A	B	CH	
RV550014	G1/4	10	12	74	58	90	22	37	22	1
RV550038	G3/8	10	12	74	58	90	22	37	22	1
RV550012	G1/2	12	14	80	60	125	24	39	29	1
RV550034	G3/4	15	16	90	64	125	28	46	34	1
RV550001	G1	20	19	105	73	140	31	52	42	1
RV550114	G1"1/4	25	21	115	79	140	35	58	50	1
RV550112	G1"1/2	32	23	138	100	220	42	69	57	1
RV550002	G2	40	26	161	105	220	48	80	68	1







## Dati tecnici valvole a sfera (serie pesante) RV 60-61-62-63

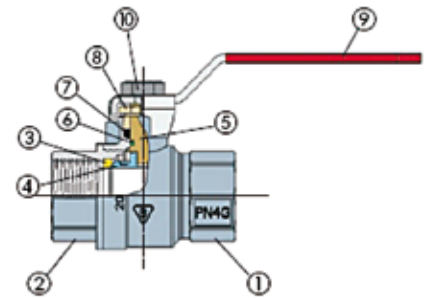
Ball valves (heavy series) RV 60-61-62-63 technical data

Technische Daten der Kugelhähne (Schwere Serie) RV 60-61-62-63

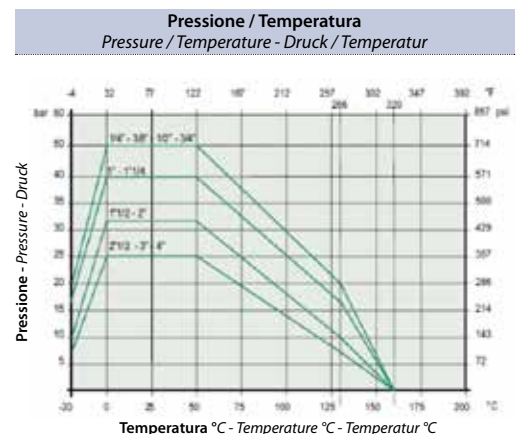
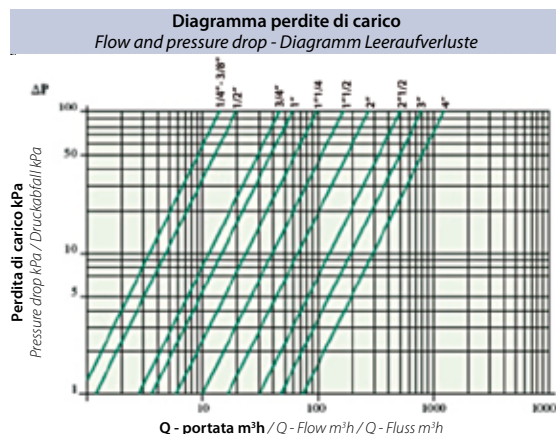
Impieghi	Applications	Verwendung
Sono adatte per impiantistica idraulica, installazioni idrotermosanitarie, acquedotti, aria compressa.	Are suitable for use in the hydraulic, sanitary, compressed air industries.	Eignen sich für Hydraulik-, Sanitär-, Druckluftsysteme und Wasserleitungen.
Valvola a sfera a passaggio totale, attacchi filettati F/F - M/F - M/M. Standard leva rossa	Full bore ball valve, threaded ends F/F - M/F - M/M. Standard red lever	Kugelhahn mit vollem Durchgang, Gewinden F/F - M/F - M/M. Standard roten Hebel
A richiesta leva alluminio nera	On demand black aluminum lever	Auf Anfrage schwarz aluminium Hebel
Omologazioni internazionali	International approvals	Internationale Zulassungen

N	Denominazione Part name / Name	Materiale Material / Werkstoff	Trattamento Treatment / Behandlung
1	Corpo Body Körper	Ottone - Brass - Messing CW617N UNI EN 12165/98	Nichelato Nickel plated Vernickelt
2	Manicotto Body end Armel	Ottone - Brass - Messing CW617N UNI EN 12165/98	Nichelato Nickel plated Vernickelt
3	Seggio - Seat - Sitz	PTFE	
4	Sfera - Ball - Kugel	Ottone - Brass - Messing CW617N UNI EN 12165/98	Cromata - Chrome plated - Chrom
5	Asta - Stem - Stange	Ottone - Brass - Messing CW617N UNI EN 12165/98	
6	O-ring - O-ring - O-Ringe	FP - fluor carbon rubber Fluor Karbongummi	
7	Guarnizione asta Stem seat Dichtung des Stange	PTFE	
8	Premistoppa Packing nut Stopfbuchse	Ottone - Brass - Messing CW617N UNI EN 12165/98	
9	Maniglia - Handle - Griff	Acciaio - Steel - Stahl	Rivestimento PVC Plastic coated PVC
10	Dado - Nut - Mutter	Acciaio - Steel - Stahl	Zincato - Nickel plated - Vernickelt

Dati tecnici Technical data - Technische Daten	
Pressione di esercizio Working pressure Betriebsdruck	1/4" - 3/4" 50 bar 1" - 1 1/4" 40 bar 1 1/2" - 2" 32 bar 2 1/2" - 4" 25 bar
Temperatura di esercizio Working temperature Betriebstemperatur	-20°C ÷ +160°C
Filettatura estremità Threaded ends Endgewinde	UNI ISO 228/1
Asta antiscoppio Anti blow-out steam Stange Überdruck	



Coefficiente KW KW factor - Koeffizient KW	
1/4" - 10	15
3/8" - 10	15
1/2" - 15	20
3/4" - 20	45
1" - 25	60
1 1/4" - 32	100
1 1/2" - 40	170
2" - 50	265
2 1/2" - 61	510
3" - 74	790
4" - 95	1230

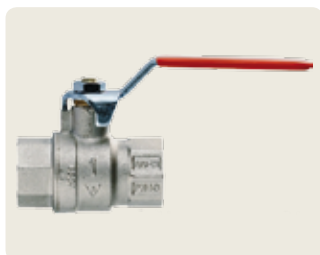


# Valvole e rubinetti in ottone

Brass valves

Messing Kugelhähne

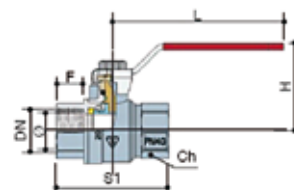
## RV 60



### Valvole a sfera in ottone (serie pesante) femmina-femmina

Brass ball valves (heavy serie) female-female  
Kugelhähne Messing (Schwere Serie)

Codice/Code	DN"	Ø	F	S1	H	L	CH			■
RV600014	G1/4	10	10	45	41	80	21			1
RV600038	G3/8	10	10	45	41	80	21			1
RV600012	G1/2	15	15	63	54	90	26			1
RV600034	G3/4	20	16	71	58	90	31			1
RV600001	G1	25	19	83	66	125	38			1
RV600114	G1"1/4	32	21	92	71	125	48			1
RV600112	G1"1/2	40	21	104	80	140	55			1
RV600002	G2	50	26	124	88	140	68			1



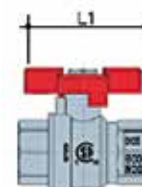
## RV 61



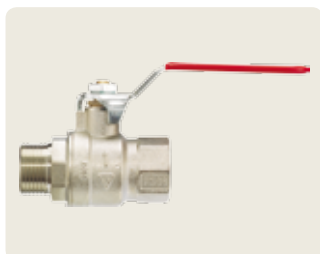
### Valvole a sfera in ottone (serie pesante) femmina-femmina

Brass ball valves (heavy serie) female-female  
Kugelhähne Messing (Schwere Serie)

Codice/Code	DN"	L1								■
RV610014	G1/4	52								1
RV610038	G3/8	52								1
RV610012	G1/2	62								1
RV610034	G3/4	62								1
RV610001	G1	72								1



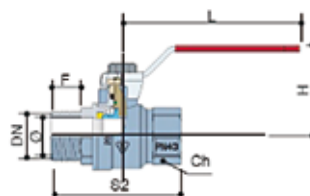
## RV 62



### Valvole a sfera in ottone (serie pesante) maschio-femmina

Brass ball valves (heavy serie) male-female  
Kugelhähne Messing (Schwere Serie)

Codice/Code	DN"	Ø	F	S2	H	L	CH			■
RV620014	G1/4	10	10	42	41	80	21			1
RV620038	G3/8	10	10	54	41	80	21			1
RV620012	G1/2	15	15	70	54	90	26			1
RV620034	G3/4	20	16	80	58	90	31			1
RV620001	G1	25	19	92	66	125	38			1
RV620114	G1"1/4	32	21	102	71	125	48			1
RV620112	G1"1/2	40	21	117	80	140	55			1
RV620002	G2	50	26	137	88	140	68			1



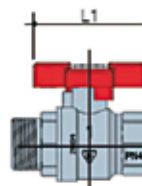
## RV 63



### Valvole a sfera in ottone (serie pesante) maschio-femmina

Brass ball valves (heavy serie) male-female  
Kugelhähne Messing (Schwere Serie)

Codice/Code	DN"	L1								■
RV630014	G1/4	52								1
RV630038	G3/8	52								1
RV630012	G1/2	62								1
RV630034	G3/4	62								1
RV630001	G1	72								1



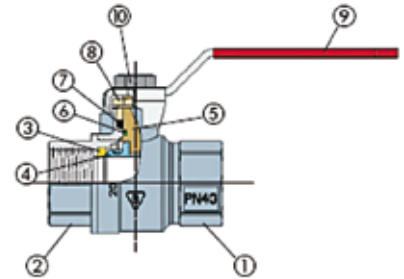
## Dati tecnici valvole a sfera lucchettabile (serie pesante) RV 64

Ball valves lockable handle (heavy series) RV 64 technical data  
Technische Daten der Kugelhähne mit Handgriff (Schwere Serie) RV 64

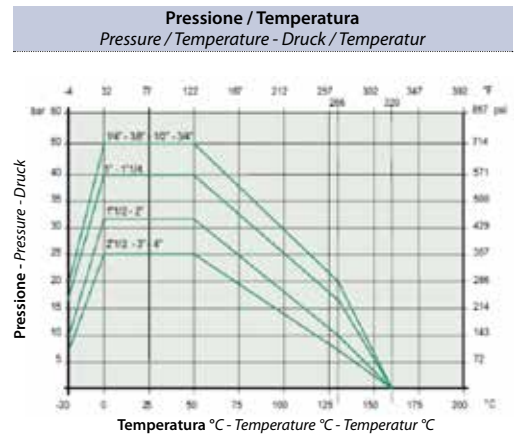
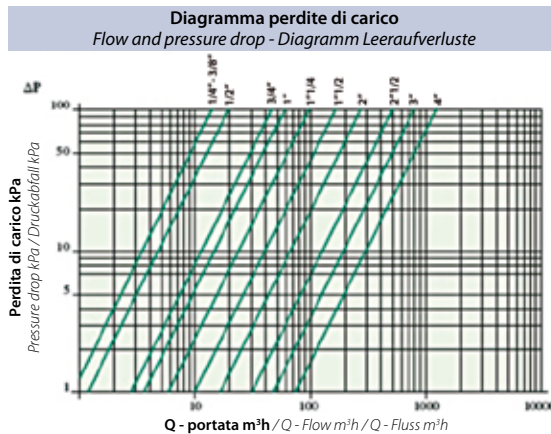
Impieghi	Applications	Verwendung
Sono adatte per impiantistica idraulica, installazioni idrotermosanitarie, acquedotti, aria compressa. Valvola a sfera a passaggio totale, attacchi filettati F/F - M/F - M/M. Standard leva rossa	Are suitable for use in the hydraulic, sanitary, compressed air industries. Full bore ball valve, threaded ends F/F - M/F - M/M. Standard red lever	Eignen sich für Hydraulik-, Sanitär-, Druckluftsysteme und Wasserleitungen. Kugelhahn mit vollem Durchgang, Gewinden F/F - M/F - M/M. Standard roten Hebel
A richiesta leva blu	On demand blue lever	Auf Anfragen blauen Hebel

N	Denominazione Part name / Name	Materiale Material / Werkstoff	Trattamento Treatment / Behandlung
1	Corpo Body Körper	Ottone - Brass - Messing CW617N UNI EN 12165/98	Nichelato Nickel plated Vernickelt
2	Manicotto Body end Ärmel	Ottone - Brass - Messing CW617N UNI EN 12165/98	Nichelato Nickel plated Vernickelt
3	Seggio - Seat - Sitz	PTFE	
4	Sfera - Ball - Kugel	Ottone - Brass - Messing CW617N UNI EN 12165/98	Cromata - Chrome plated - Chrom
5	Asta - Stem - Stange	Ottone - Brass - Messing CW617N UNI EN 12165/98	
6	O-ring - O-ring - O-Ringe	FP - fluor carbon rubber Fluor Karbon Gummi	
7	Guarnizione asta Stem seat Dichtung des Stange	PTFE	
8	Premistoppa Packing nut Stopfbuchse	Ottone - Brass - Messing CW617N UNI EN 12165/98	
9	Maniglia - Handle - Griff	Acciaio - Steel - Stahl	Rivestimento PVC Plastic coated PVC
10	Dado - Nut - Mutter	Acciaio - Steel - Stahl	Zincato - Nickel plated - Vernickelt

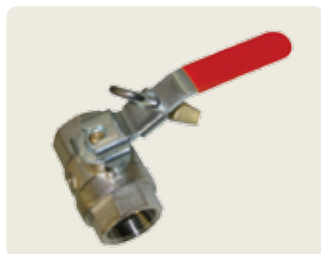
Dati tecnici Technical data - Technische Daten	
Pressione di esercizio Working pressure Betriebsdruck	1/4" - 3/4" 50 bar 1" - 1 1/4" 40 bar 1 1/2" - 2" 32 bar 2 1/2" - 4" 25 bar
Temperatura di esercizio Working temperature Betriebstemperatur	-20°C ÷ +160°C
Filettatura estremità Threaded ends Endgewinde	UNI ISO 228/1
Asta antiscoppio Anti blow-out steam Stange Überdruck	



Coefficiente KW KW factor - Koeffizient KW	
1/4" - 10	15
3/8" - 10	15
1/2" - 15	20
3/4" - 20	45
1" - 25	60
1 1/4" - 32	100
1 1/2" - 40	170
2" - 50	265
2 1/2" - 61	510
3" - 74	790
4" - 95	1230



## RV 64

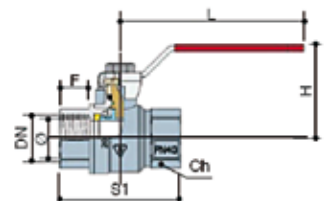


### Valvole a sfera lucchettabile in ottone femmina-femmina (lucchettabile)

Brass ball valves lockable handle female-female  
Kugelhähne mit Handgriff

Code/Code	DN"	Ø	F	S1	H	L	CH		
RV640014	G1/4"	10	10	45	41	95	21		1
RV640038	G3/8"	10	10	45	41	95	21		1
RV640012	G1/2"	15	15	63	54	120	26		1
RV640034	G3/4"	20	16	71	58	120	31		1
RV640001	G1"	25	19	83	66	150	38		1
RV640114	G1 1/4"	32	21	92	71	150	48		1
RV640112	G1 1/2"	40	21	104	80	160	55		1
RV640002	G2"	50	26	124	88	160	68		1

Fornita senza lucchetto - Supplied without padlock - Lieferung ohne Schloss



# Valvole e rubinetti in ottone

Brass valves

Messing Kugelhähne

## Dati tecnici rubinetto di erogazione RV 65

Ball bibcock RV 65 technical data

Technische Daten der Wasserhahn mit Schlauchtülle RV 65

### Impieghi

Acqua.

Rubinetto a erogazione a sfera con portagomma.  
Standard leva rossa

### Applications

Water.

Ball bibcock with hose tail.  
Standard red lever

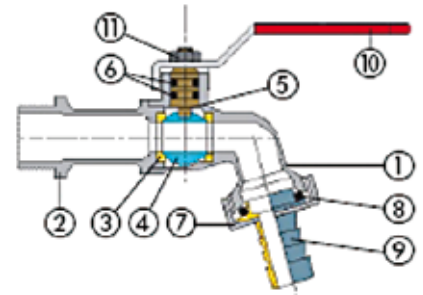
### Verwendung

Wasser.

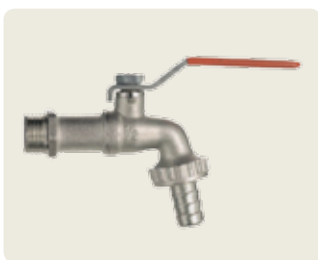
Wasserhahn mit Schlauchtülle.  
Standard roten Hebel

N	Denominazione Part name / Name	Materiale Material / Werkstoff	Trattamento Treatment / Behandlung
1	Corpo Body Körper	Ottone - Brass - Messing CW617N UNI EN 12165/98	Nichelato Nickel plated Vernickelt
2	Manicotto Body end Ärmel	Ottone - Brass - Messing CW617N UNI EN 12165/98	Nichelato Nickel plated Vernickelt
3	Seggio - Seat - Sitz	PTFE	
4	Sfera - Ball - Kugel	Ottone - Brass - Messing CW617N UNI EN 12165/98	Cromata - Chrome plated - Chrom
5	Asta - Stem - Stange	Ottone - Brass - Messing CW617N UNI EN 12165/98	
6	O-ring - O-ring - O-Ringe	NBR	
7	Girello Hose tail nut Schlauchtülle Mutter	Ottone - Brass - Messing CW617N UNI EN 12165/98	
8	O-ring - O-ring - O-Ringe	NBR	
9	Portagomma Hose tail Schlauchtülle	Ottone - Brass - Messing CW617N UNI EN 12165/98	Nichelato Nickel plated Vernickelt
10	Maniglia - Handle - Griff	Acciaio - Steel - Stahl	Rivestimento PVC Plastic coated PVC
11	Dado - Nut - Mutter	Acciaio - Steel - Stahl	Zincato - Nickel plated - Vernickelt

Dati tecnici Technical data - Technische Daten	
Pressione di esercizio Working pressure Betriebsdruck	16 bar
Temperatura di esercizio Working temperature Betriebstemperatur	-10°C ÷ +110°C
Filettatura estremità Threaded ends Endgewinde	UNI ISO 228/1
Asta anticoppio Anti blow-out steam Stange Überdruck	



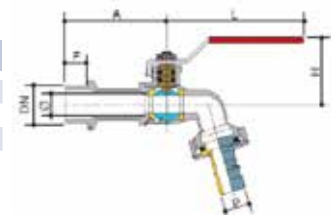
## RV 65



### Rubinetto di erogazione a sfera con portagomma

Ball bibcock with hose tail  
Wasserhahn mit Schlauchtülle

Codice/Code	DN"	Ø	F	H	L	A	P		
<b>RV650038</b>	G3/8	12	9.5	38.3	83	50.5	15		1
<b>RV650012</b>	G1/2	15.2	11.5	38.3	83	50.5	15		1
<b>RV650034</b>	G3/4	20	15.5	40	83	59	20.5		1
<b>RV650001</b>	G1	26.5	13	46.6	83	60.6	26		1





## Dati tecnici valvole a sfera per gas RV 70-71-72-73

Ball valves for gas RV 70-71-72-73 technical data

Technische Daten der Kugelhähne für Gas RV 70-71-72-73

### Applicazioni

Sono adatte per impianti di distribuzione gas a media e bassa pressione ed idrocarburi.

Valvola a sfera per gas a passaggio totale, attacchi filettati F/F - M/F.

Standard leva giallo

Omologazioni internazionali



### Applications

Are suitable for medium and low pressure gas distribution plants and for hydrocarbons.

Full bore ball valve for gas, threaded ends F/F - M/F.

Standard yellow lever

International approvals



### Verwendung

Eignen sich für Gasetze bei mittleren und niedrigen Druck und Kohlenwasserstoffe.

Kugelhahn für Gas mit vollem Durchgang, Gewinden F/F - M/F.

Standard gelben Hebel

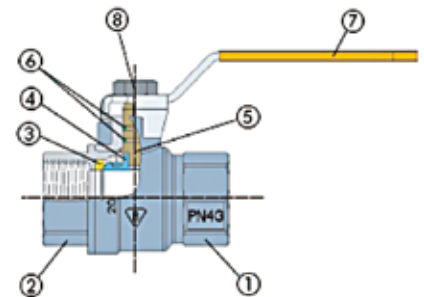
Internationale Zulassungen



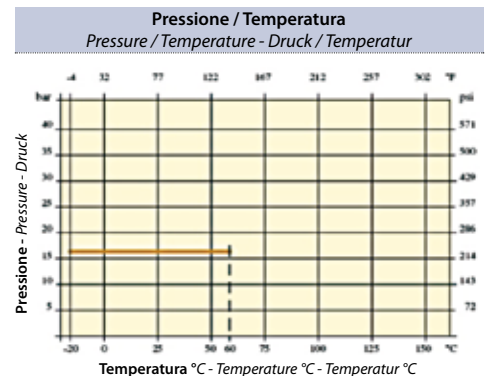
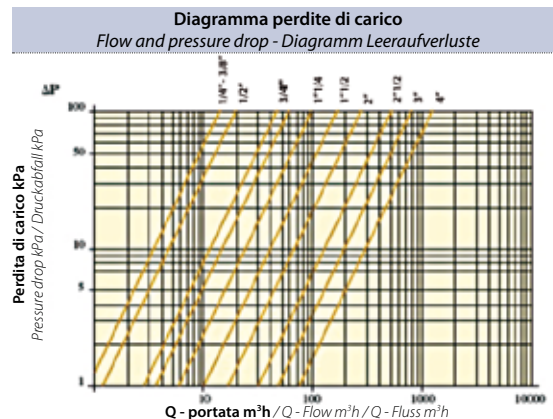
N	Denominazione Part name / Name	Materiale Material / Werkstoff	Trattamento Treatment / Behandlung
1	Corpo - Body - Körper	Ottone - Brass - Messing CW617N UNI EN 12165/98	Nichelato Nickel plated vernickelt
2	Manicotto - Body end - Ärmel	Ottone - Brass - Messing CW617N UNI EN 12165/98	Nichelato Nickel plated vernickelt
3	Seggio - Seat - Sitz	PTFE	
4	Sfera - Ball - Kugel	Ottone - Brass - Messing CW617N UNI EN 12165/98	Cromata - Chrome plated - Chrom
5	Asta - Stem - Stange	Ottone - Brass - Messing CW617N UNI EN 12165/98	
6	O-ring - O-ring - O-Ringe	NBR	
7	Maniglia - Handle - Griff	Acciaio - Steel - Stahl	Rivestimento PVC Plastic coated PVC
8	Dado - Nut - Mutter	Acciaio - Steel - Stahl	Zincato - Nickel plated - Vernickelt

### Dati tecnici Technical data - Technische Daten

Pressione di esercizio Working pressure Betriebsdruck	1/4" - 2" 20 bar
Temperatura di esercizio Working temperature Betriebstemperatur	-20°C ÷ +60°C
Filettatura estremità Threaded ends Endgewinde	UNI ISO 7/1 Rp
Asta antiscoppio Anti blow-out steam Stange Überdruck	



Coefficiente KW KW factor - Koeffizient KW	
1/2" - 15	20
3/4" - 20	45
1" - 25	60
1 1/4" - 32	100
1 1/2" - 40	170
2" - 50	265





# Valvole e rubinetti in ottone

Brass valves

Messing Kugelhähne

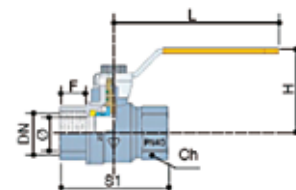
## RV 70



### Valvole a sfera in ottone (per gas) femmina-femmina con leva

Brass ball valves (for gas) female-female with handle  
Kugelhähne für Gas mit Hebel

Codice/Code	DN"	Ø	F	S1	H	L	CH			■
RV700038	3/8	10	10	45	41	80	21			1
RV700012	1/2	15	15	63	54	90	26			1
RV700034	3/4	20	16	71	58	90	31			1
RV700001	1	25	19	83	66	125	38			1
RV700114	1"1/4	32	21	92	71	125	48			1
RV700112	1"1/2	40	21	104	80	140	55			1
RV700002	2	50	26	124	88	140	68			1



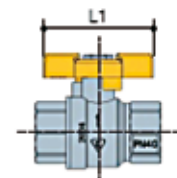
## RV 71



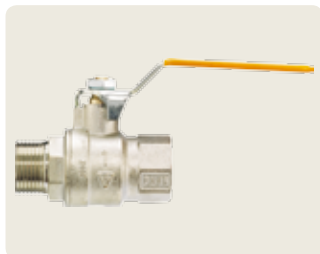
### Valvole a sfera in ottone (per gas) femmina-femmina con maniglia

Brass ball valves (for gas) female-female with handle  
Kugelhähne für Gas mit handgriff

Codice/Code	DN"	L1								■
RV710038	3/8	52								1
RV710012	1/2	62								1
RV710034	3/4	62								1
RV710001	1	72								1



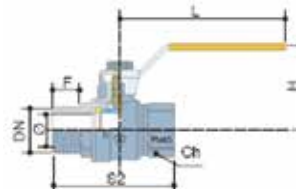
## RV 72



### Valvole a sfera in ottone (per gas) maschio-femmina con leva

Brass ball valves (for gas) male-female with handle  
Kugelhähne für Gas mit Hebel

Codice/Code	DN"	Ø	F	S2	H	L	CH			■
RV720038	3/8	10	10	54	41	80	21			1
RV720012	1/2	15	15	70	54	90	26			1
RV720034	3/4	20	16	80	58	90	31			1
RV720001	1	25	19	92	66	125	38			1
RV720114	1"1/4	32	21	102	71	125	48			1
RV720112	1"1/2	40	21	117	80	140	55			1
RV720002	2	50	26	137	88	140	68			1



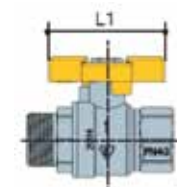
## RV 73



### Valvole a sfera in ottone (per gas) maschio-femmina con maniglia

Brass ball valves (for gas) male-female with handle  
Kugelhähne für Gas mit handgriff

Codice/Code	DN"	L1								■
RV710038	3/8	52								1
RV710012	1/2	62								1
RV710034	3/4	62								1
RV710001	1	72								1



### Dati tecnici valvole di scarico rapido F.F. VX40

Quick exhaust valves VX40 technical data  
Technischen Daten der Schnellentlüftungsventil VX40

#### Applicazioni

Le valvole VX consentono, se montate su di un cilindro pneumatico, di scaricare rapidamente la pressione in esso contenuta. Scaricando l'aria direttamente sulle testate si aumentano le velocità, quindi i tempi macchina.

#### Applications

When mounted on a pneumatic cylinder, the quick exhaust valves VX permit the quick discharge of the pressure in them. If the valves discharge directly on the heads of the cylinder the speed will increase, as well the cycles of the machine.

#### Anwendungen

VX Ventile erlauben, wenn auf einem pneumatischen Zylinder montiert, schnell zu entladen den Druck in ihr enthalten ist. Entladen der Luft direkt auf die Köpfe erhöhen die Geschwindigkeit, dann die Maschinenzeit.

#### Filettatura

BSPP cilindrica UNI-ISO228

#### Thread types

BSPP cylindrical UNI-ISO228

#### Gewinden

BSPP zylindrisch UNI-ISO228

DIMENSIONI <i>Dimension - Größe</i>	DN (MM)	PN (BAR)	MATERIALI <i>Materials - Werkstoffen</i>	°C
1/8"	8	2 ÷ 10	S.S. 316L FKM Poliuretano Polyurethane Polyurethane	-10 ÷ +120
1/4"	8			
3/8"	10			
1/2"	12			-20 ÷ +80
3/4"	18			
1"	18			

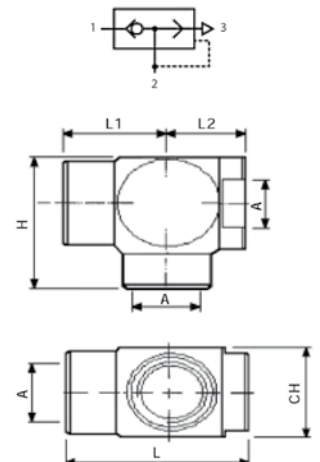
## VX 40



### Valvola di scarico rapido F.F.S.S. AISI 316L

S.S AISI 316L quick exhaust valve  
Schnellentlüftungsventil AISI 316L

Codice/Code	A"	L	L1	L2	H	CH	Kg	
<b>VX400018</b>	G1/8	37.5	21	16.5	32	22	0.096	1
<b>VX400014</b>	G1/4	37.5	21	16.5	32	22	0.082	1
<b>VX400038</b>	G3/8	44.5	25.5	19	37	26	0.138	1
<b>VX400012</b>	G1/2	54	23	31	45	32	0.236	1
<b>VX400034</b>	G3/4	79	35	44	65	46	0.812	1
<b>VX400001</b>	G1	79	35	44	65	46	0.67	1



## Valvole e rubinetti INOX AISI 316

INOX AISI 316 valves

Kugelhähne Edelstahl AISI 316

### Dati tecnici rubinetti a sfera VX45-46K

Hexagonal miniball valves VX45-46K technical data

Technischen Daten der Kugelhähne VX45-46K

#### Descrizione

Valvola a sfera, passaggio ridotto, corpo esagonale finitura lucida

#### Description

Ball valve, reduced bore, hexagonal body gloss finish

#### Beschreibung

Kugelhahn, reduzierter Durchgang, Sechskantschaft Glanz

#### Pressione max

63 bar (-20°C ÷ +35°C)

#### Max pression

63 bar (-20°C ÷ +35°C)

#### Maximal Druck

63 bar (-20°C ÷ +35°C)

#### Range temperatura

-20°C ÷ +80°C

#### Temperature

-20°C ÷ +80°C

#### Temperatur

-20°C ÷ +80°C

#### Fluidi veicolabili

Solo quelli compatibili con la natura dei materiali

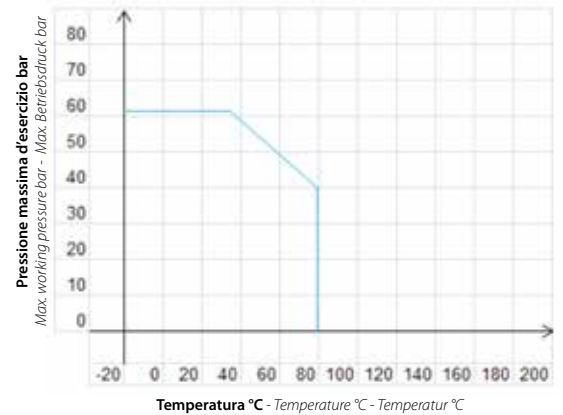
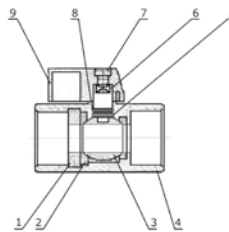
#### Fluid conveyable

Only those that are compatible with the nature of the materials

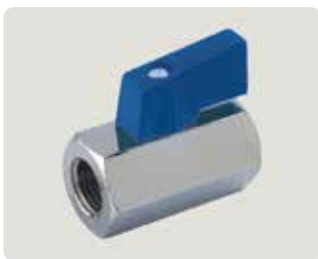
#### Fluid förderbar

Nur diejenigen, die mit der Art der Werkstoffen sind

Pos.	Particolare Particular / Einzelheit	Materiale Material / Werkstoff
1	Coperchio - Cover - Decken	S.S. 316
2	Guarnizione sfera - Ball seat - Kugelsitz	RPTFE
3	Sfera - Ball - Kugel	S.S. 316
4	Corpo - Body - Körper	S.S. 316
5	Guarnizione alberino Shaft seal Wellendichtung	RPTFE
6	Alberino - Shaft - Wellen	S.S. 304
7	Vite - Screw - Schrauben	S.S. 304
8	O-ring - O-ring - O-Ringe	NBR
9	Leva - Lever - Hebel	Alluminio Aluminum Aluminium



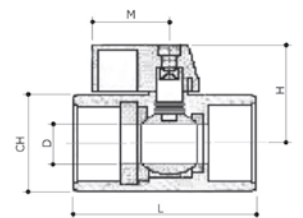
## VX 45



### Rubinetti a sfera femmina-femmina AISI 316

INOX AISI 316 hexagonal mini ball valve female-female  
Kugelhahn Edelstahl AISI 316

Codice/Code	Misura/Size	D	CH	M	H	L	■
<b>VX450014</b>	G1/4	7	22	23	26.5	42	1
<b>VX450038</b>	G3/8	7	22	23	26.5	42	1
<b>VX450012</b>	G1/2	9.2	25	23	28.3	46.2	1



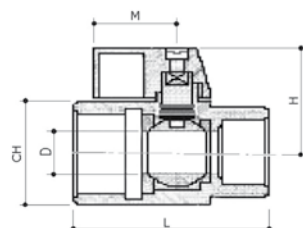
## VX 46K



### Rubinetti a sfera maschio-femmina AISI 316

INOX AISI 316 hexagonal mini ball valve male-female  
Kugelhahn Edelstahl AISI 316

Codice/Code	Misura/Size	D	CH	M	H	L	■
<b>VX46K0014</b>	G1/4	7	22	23	26.5	40	1
<b>VX46K0038</b>	G3/8	7	22	23	26.5	40.5	1
<b>VX46K0012</b>	G1/2	9.2	25	23	28.3	45.6	1



## Dati tecnici valvole unidirezionali acciaio VX57

Unidirectional valve VX57 technical data

Technischen Daten der Einweg Hähne VX57

### Applicazioni

Liquidi e gas

### Applications

Liquid and gas

### Anwendungen

Fluss und Gas

### Materiali

Corpo Acciaio INOX AISI 316L  
Guarnizione FKM

### Materials

Body Stainless steel AISI 316L  
Seal FKM

### Werkstoffen

Körper Edelstahl AISI 316L  
Dichtung FKM

### Pressione nominale

0,25 ÷ 40 bar

### Nominal pressure

0,25 ÷ 40 bar

### Druck

0,25 ÷ 40 bar

### Temperatura d'esercizio

-20°C ÷ +180°C

### Working temperature

-4°F ÷ +356°F

### Betriebstemperatur

-20°C ÷ +180°C

### Filettatura

BSPP cilindrica UNI-ISO228

### Thread types

BSPP cylindrical UNI-ISO228

### Gewinde typ

BSPP zylindrisch UNI-ISO228

### Filetti

Filettature da 1/8" a 1"

### Threads

Thread from 1/8" to 1"

### Gewinde

Gewinde von 1/8" bis 1"

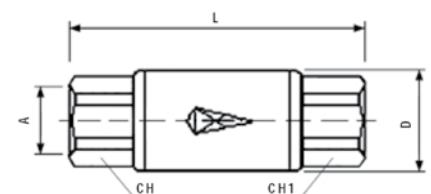
## VX 57



### Valvola unidirezionale AISI 316L F.F.

INOX AISI 316L unidirectional valve F.F.  
Einweg Hähne Edelstahl AISI 316L

Codice/Code	A"	L	D	CH	CH1	📦
<b>VX570018</b>	G1/8	50	22	17	17	1
<b>VX570014</b>	G1/4	50	22	17	17	1
<b>VX570038</b>	G3/8	67	30	22	22	1
<b>VX570012</b>	G1/2	71	30	24	24	1
<b>VX570034</b>	G3/4	78	35	32	32	1
<b>VX570001</b>	G1	90	42	38	38	1



# VX

## Valvole e rubinetti INOX AISI 316

INOX AISI 316 valves  
Kugelhähne Edelstahl AISI 316

### Dati tecnici rubinetto a spillo VX58

Needle valve VX58 technical data

Technischen Daten der Kugelhahn mit Knebel VX58

#### Applicazioni

Consentono l'intercettazione e la regolazione di svariati fluidi compatibili con i materiali costituenti. Realizzati integralmente in acciaio INOX AISI 316L possono veicolare diverse tipologie di fluidi anche aggressivi.

#### Materiali

Corpo Acciaio INOX AISI 316L  
Guarnizione PTFE + vetro

#### Pressione nominale

400 bar

#### Temperatura d'esercizio

-20°C ÷ +180°C

#### Filettatura

BSPP cilindrica UNI-ISO228

#### Filetti

Filettature da 1/8" a 1/2"

#### Application

Can be used with different fluids compatible with the constituent materials. These valves are entirely made in stainless steel AISI 316L can be used with different aggressive fluids and gas.

#### Materials

Body Stainless steel AISI 316L  
Seal PTFE + glass

#### Nominal pressure

400 bar

#### Working temperature

-4°F ÷ +356°F

#### Thread types

BSPP cylindrical UNI-ISO228

#### Threads

Thread from 1/8" to 1/2"

#### Anwendungen

Ermöglichen das Abfangen und die Regulierung der verschiedenen Flüssigkeiten kompatibel mit den Werkstoffen. Komplett aus Edelstahl AISI 316L tragen kann verschiedene Arten von Flüssigkeiten, auch aggressive.

#### Werkstoffen

Körper Edelstahl AISI 316L  
Dichtung PTFE + Glas

#### Druck

400 bar

#### Betriebstemperatur

-20°C ÷ +180°C

#### Gewinde typ

BSPP zylindrisch UNI-ISO228

#### Gewinde

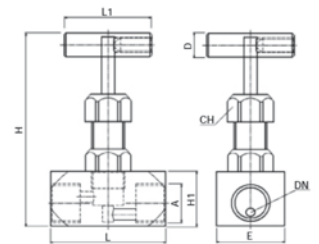
Gewinde von 1/8" bis 1/2"

## VX 58



#### Rubinetto a spillo AISI 316L

INOX AISI 316L hexagonal needle valve  
Kugelhahn mit Knebel AISI 316L



Codice/Code	A"	L	L1	H min/max	H1	E	CH	D	KG				
<b>VX580018</b>	G1/8	45	48	90/99	25	25	22	13	0.344				1
<b>VX580014</b>	G1/4	50	48	89/99	25	25	22	13	0.354				1
<b>VX580038</b>	G3/8	56	48	90/104	30	30	22	13	0.470				1
<b>VX580012</b>	G1/2	62	48	90/104	30	30	22	13	0.468				1

## Dati tecnici valvole a sfera VX50

Ball valves VX50 technical data  
Technische Daten der Kugelhähne Edelstahl VX50

### Applicazioni

Sono adatte per impianti industriali, chimici ed alimentari.

Valvola a sfera a passaggio totale, in acciaio INOX AISI 316, attacchi filettati F/F.

Standard leva blu

A richiesta filettatura NPT.

### Application

Are suitable for use industrial, chemical and food plants.

Full bore ball valve, INOX AISI 316, threaded ends F/F.

Standard blue lever

On demand NPT threaded.

### Anwendungen

Für Industrie-, Chemie- und Lebensmittelindustrie geeignet

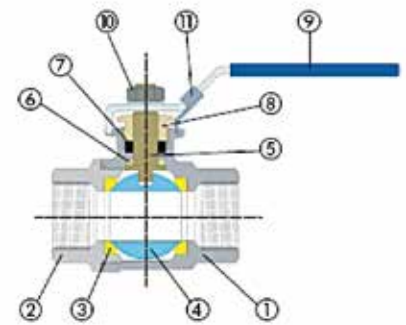
Kugelhahn voller Durchgang, Edelstahl AISI 316, Angriffe mit Gewinde F/F.

Standard blauen Hebel

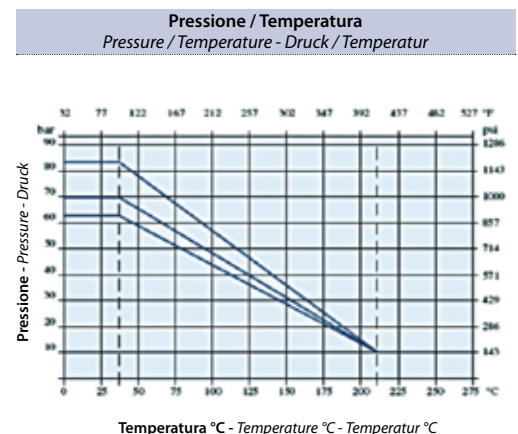
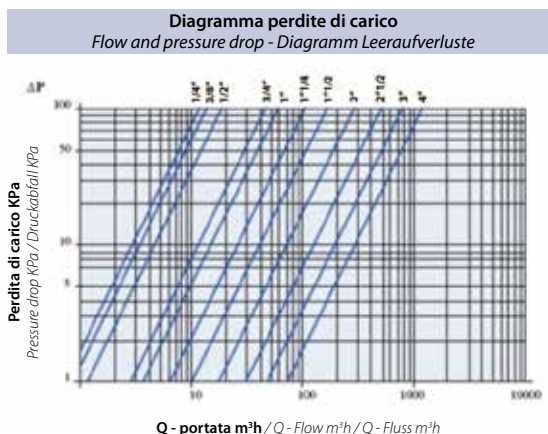
Auf Anfrage Gewinden NPT

N	Denominazione Part name / Name	Materiale Material / Werkstoff	Trattamento Treatment / Behandlung
1	Corpo - Body - Körper	AISI316	
2	Manicotto - Body end - Ärmel	AISI316	
3	Seggio - Seat - Sitz	PTFE caricato 15% vetro PTFE 15% glass fiber PTFE 15% Glas	
4	Sfera - Ball - Kugel	AISI316	
5	Asta - Stem - Stange	AISI316	
6	Rondella - Seal - Scheibe	PTFE	
7	Guarnizione asta Stem seat - Dichtung des Stange	PTFE	
8	Premistoppa Packing nut - Stopfbuchse	AISI304	
9	Maniglia - Handle - Griff	AISI304	Rivestimento PVC Plastic coated PVC
10	Dado - Nut - Mutter	AISI304	
11	Bloccaggio - Locking - Blockierung	AISI304	

Dati tecnici Technical data - Technische Daten	
Pressione di esercizio Working pressure Betriebsdruck	1/4" - 1" 85 bar 1 1/4" - 1 1/2" 70 bar 2" - 4" 65 bar
Temperatura di esercizio Working temperature Betriebstemperatur	-40°C ÷ +220°C
Filettatura estremità Threaded ends Endgewinde	UNI ISO 228/1
Asta antisoppo Anti blow-out steam Stange Überdruck	



Coefficiente KW KW factor - Koeffizient KW	
1/4" - 11.6	16
3/8" - 12.7	18
1/2" - 15.0	20
3/4" - 20.0	45
1" - 25.0	60
1 1/4" - 32.0	100
1 1/2" - 40.0	170
2" - 50.0	265
2 1/2" - 65.0	510
3" - 76.0	790
4" - 94.0	1230





**VX**

# Valvole e rubinetti INOX AISI 316

INOX AISI 316 valves

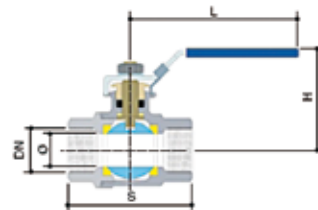
Kugelhähne Edelstahl AISI 316

**vx 50****Valvola a sfera INOX AISI 316 F.F.**

INOX AISI 316 ball valve F.F.

Kugelhähne Edelstahl AISI 316

Codice/Code	DN"	Ø	S	H	L			
<b>VX500014</b>	G1/4	11.5	49	48	100			1
<b>VX500038</b>	G3/8	12.5	49	48	100			1
<b>VX500012</b>	G1/2	15	55	52	100			1
<b>VX500034</b>	G3/4	20	66	57	115			1
<b>VX500001</b>	G1	25	78.5	75	150			1
<b>VX500114</b>	G1*1/4	32	90	80	150			1
<b>VX500112</b>	G1*1/2	38	98.5	95	180			1
<b>VX500002</b>	G2	50	120	96	180			1
<b>VX500212</b>	G2*1/2	62	147	125	245			1
<b>VX500003</b>	G3	76	172	135	245			1
<b>VX500004</b>	G4	94	220	160	278			1



### Dati tecnici valvole a sfera VX50CP

Ball valves VX50CP technical data

Technische Daten der Kugelhähne Edelstahl VX50CP

#### Applicazioni

Sono adatte per il controllo di olii, gas, liquidi corrosivi e per applicazioni alimentari.

#### Applications

Are suitable for oil, gas and food plants.

#### Anwendungen

Sind für die Kontrolle der Öle, Gase, korrosive und luquidi für Lebensmittelanwendungen geeigneten.

#### Temperatura d'esercizio

da -18°C a +210°C

#### Working temperature

from -64.4°F to +410°F

#### Betriebstemperatur

von -18°C bis +210°C

#### Pressione nominale max

70 bar

#### Max pressure

1000 psi

#### Maximal druck

70 bar

#### Filettatura

DIN 2999 (esterna conica - interna cilindrica)

#### Thread

DIN 2999 (tapered outer - cylindrical inner)

#### Gewinden

DIN 2999 (Außen konisch - Innen zylindrisch)

#### Filetti

Filettature da 1/4" a 3"

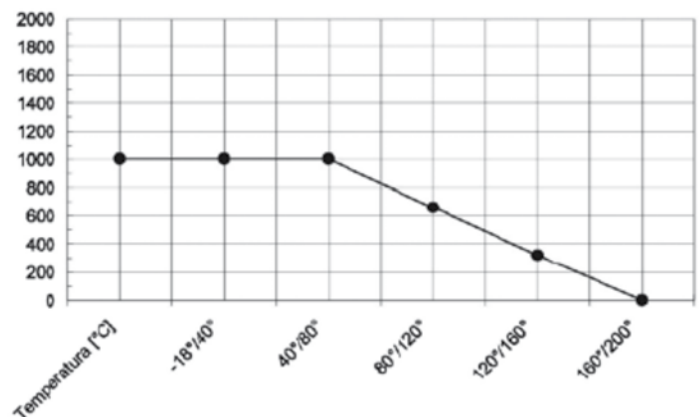
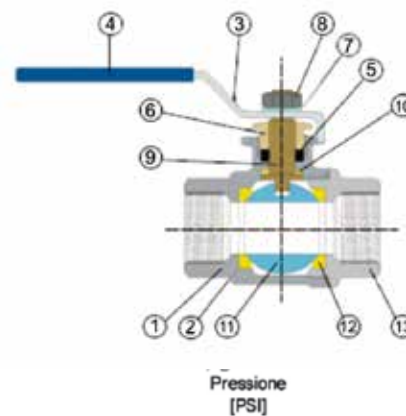
#### Threads

Threads from 1/4" to 3"

#### Gewinde

Gewinden von 1/4" bis 3"

N	Denominazione Part name / Name	Materiale Material / Werkstoff	Q.tà
1	Corpo - Body - Körper	AISI316	1
2	Anello di sede - Seat - Sitz	PTFE caricato	2
3	Leva - handle - Hebel	AISI304	1
4	Protezione leva handle cover / Rasthebelschutz	Plastico / plastic / Kunststoff	1
5	Guarnizione Gasket - Dichtung	PTFE caricato	1
6	Pressa treccia - gland - Drüse	AISI304	1
7	Rondella - Seal - Scheibe	AISI304	1
8	Dado leva stem nut - Mutter des Stange	AISI304	1
9	Stelo - Stem - Stange	AISI316	1
10	Rondella Thrust washer / Druckscheibe	PTFE	1
11	Sfera - Ball - Kugel	AISI316	1
12	Guarnizione Joint gasket - Dichtung	PTFE	1
13	Cappuccio - Cap - Mütze	AISI316	1



**VX**

# Valvole e rubinetti INOX AISI 316

INOX AISI 316 valves

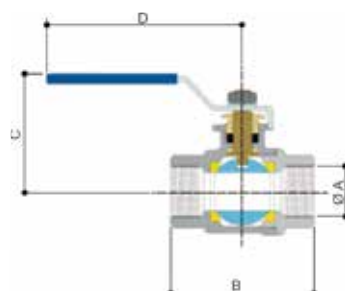
Kugelhähne Edelstahl AISI 316

**VX 50CP****Valvola a sfera INOX AISI 316 F.F.**

INOX AISI 316 F.F. ball valve

Kugelhähne Edelstahl AISI 316

Codice/Code	Attacco	A	B	C	D	
<b>VX500014CP</b>	1/4	11.5	50	45	100	1
<b>VX500038CP</b>	3/8	12.15	50	45	100	1
<b>VX500012CP</b>	1/2	15	58	48	100	1
<b>VX500034CP</b>	3/4	20	67	57	115	1
<b>VX500001CP</b>	1	25	77	62	115	1
<b>VX500114CP</b>	1"1/4	32	90	75	140	1
<b>VX500112CP</b>	1"1/2	39	96	80	140	1
<b>VX500002CP</b>	2	50	118	91	165	1
<b>VX500212CP</b>	2"1/2	65	159	124	220	1
<b>VX500003CP</b>	3"	80	182	134	220	1



## Dati tecnici valvole a sfera a tre vie passaggio ridotto VX54-55

Three ways reduced bore ball valves VX54-55 technical data

Technische Daten der 3-Wege Kugelhähne Edelstahl VX54-55

### Applicazioni

Sono adatte per impianti industriali, chimici ed alimentari.

Valvola a sfera 3 vie a passaggio ridotto, in acciaio INOX AISI316, sfera forata a **L** o a **T**, attacchi filettati F/F/F.

Standard leva blu

### Application

Are suitable for use industrial, chemical and food plants.

Three ways reduced bore ball valve, INOX AISI316 available as either **L** or **T** port. Threaded ends F/F/F.

Standard blue lever

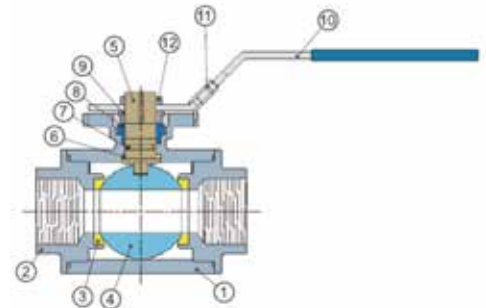
### Anwendungen

Für Industrie-, Chemie-und Lebensmittelindustrie geeignet.

Kugelhahn 3-Wege reduziert Durchgang, Edelstahl AISI316, Kugel **L** oder **T** gebohrt, Angriffe mit Gewinde F/F/F.

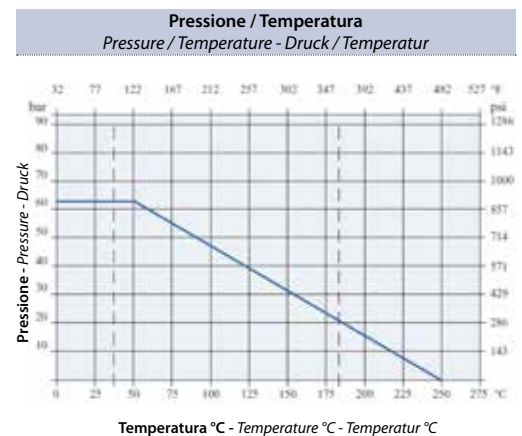
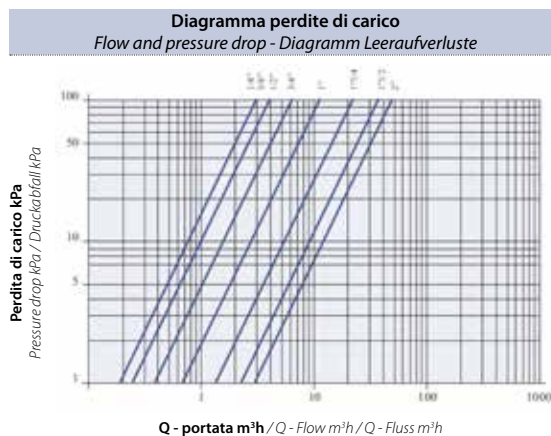
Standard blauen Hebel

N	Denominazione Part name / Name	Materiale Material / Werkstoff	Trattamento Treatment / Behandlung
1	Corpo - Body - Körper	AISI 316	
2	Manicotto - Body end - Ärmel	AISI 316	
3	Seggio - Seat - Sitz	PPL	
4	Sfera - Ball - Kugel	AISI 316	
5	Asta - Stem - Stange	AISI 316	
6	Rondella - Washer - Scheibe	PPL	
7	O-ring - O-ring - O-ringe	FP	
8	Guarnizione asta Stem seat - Dichtung des Stange	PPL	
9	Premistoppa Packing nut - Stopfbuchse	AISI 304	
10	Maniglia - Handle - Griff	AISI 304	Rivestimento PVC Plastic coated PVC
11	Bloccaggio Locking Blockierung	AISI 304	
12	Dado - Nut - Mutter	Acciaio - Steel - Stahl	



Dati tecnici Technical data - Technische Daten	
Pressione di esercizio Working pressure Betriebsdruck	63 bar
Temperatura di esercizio Working temperature Betriebstemperatur	-50°C + 250°C
Filettatura estremità Threaded ends Endgewinde	UNI ISO 228/1

Coefficiente KW KW factor - Koeffizient KW	
1/4" - 9.5	3
3/8" - 11	3
1/2" - 12	4
3/4" - 15	6
1" - 20	12
1 1/4" - 25	21
1 1/2" - 32	35
2" - 40	47



## Valvole e rubinetti INOX AISI 316

INOX AISI 316 valves

Kugelhähne Edelstahl AISI 316

VX 54



### Valvole a sfera INOX AISI 316 F.F.F. (forata a "L")

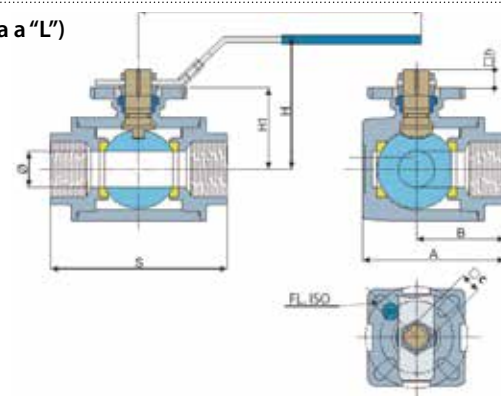
INOX AISI 316 Brass ball valves F.F.F. (Either "L")

L-Kugelhähne Edelstahl AISI 316 Drei-Wege

#### Schema di manovra

Operation draft

System der Handlungsspielraum



Codice/Code	DN"	Ø	S	A	B	H	H1	L	FL. ISO	□c	□h	■
VX540014	G1/4	9.5	75	57.5	37.5	66	36.8	130	F03/04	9	8.5	1
VX540038	G3/8	11	75	57.5	37.5	66	36.8	130	F03/04	9	8.5	1
VX540012	G1/2	12	75	57.5	37.5	66	36.8	130	F03/04	9	8.5	1
VX540034	G3/4	15	85	65.5	42.5	72	41.2	161	F04/05	11	11	1
VX540001	G1	20	100	79	50	77	46.5	161	F04/05	11	12	1
VX540114	G1"1/4	25	122	97	61	92	56	203	F05/07	14	13.5	1
VX540112	G1"1/2	32	131	106.5	65.5	96	60	203	F05/07	14	13.5	1
VX540002	G2	40	158	129	79	107	70.5	203	F05/07	14	13	1

VX 55



### Valvole a sfera INOX AISI 316 F.F.F. (forata a "T")

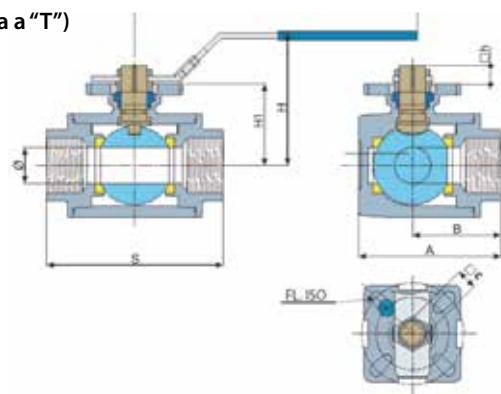
INOX AISI 316 Brass ball valves F.F.F. (Either "T")

T-Kugelhähne Edelstahl AISI 316 Drei-Wege

#### Schema di manovra

Operation draft

System der Handlungsspielraum



Codice/Code	DN"	Ø	S	A	B	H	H1	L	FL. ISO	□c	□h	■
VX550014	G1/4	9.5	75	57.5	37.5	66	36.8	130	F03/04	9	8.5	1
VX550038	G3/8	11	75	57.5	37.5	66	36.8	130	F03/04	9	8.5	1
VX550012	G1/2	12	75	57.5	37.5	66	36.8	130	F03/04	9	8.5	1
VX550034	G3/4	15	85	65.5	42.5	72	41.2	161	F04/05	11	11	1
VX550001	G1	20	100	79	50	77	46.5	161	F04/05	11	12	1
VX550114	G1"1/4	25	122	97	61	92	56	203	F05/07	14	13.5	1
VX550112	G1"1/2	32	131	106.5	65.5	96	60	203	F05/07	14	13.5	1
VX550002	G2	40	158	129	79	107	70.5	203	F05/07	14	13	1

### Dati tecnici valvole a sfera in tre pezzi flangia ISO 5211 VX56

Ball valves in three pieces ISO 5211 top for actuator VX56 technical data

Technische Daten der Kugelhähne 3 Stück, ISO 5211 VX56

#### Applicazioni

Sono adatte per impianti industriali, chimici ed alimentari.

Valvola a sfera a passaggio totale, in tre pezzi, in acciaio INOX AISI 316, attacchi filettati F/F.

Standard leva blu

A richiesta filettatura NPT.

#### Application

Are suitable for use industrial, chemical and food plants.

Three ways reduced bore ball valve, INOX AISI316 available as either L or T port. Threaded ends F/F/F.

On demand blue lever

On demand NPT threaded.

#### Anwendungen

Für Industrie-, Chemie- und Lebensmittelindustrie geeignet.

Kugelhahn mit voller Durchgang, 3 Stück, Edelstahl AISI 316, Angriff mit Gewinde F/F.

Standard blauen Hebel

Auf Anfrage Gewinden NPT.

N	Denominazione Part name / Name	Materiale Material / Werkstoff	Trattamento Treatment / Behandlung
1	Corpo - Body - Körper	AISI 316	
2	Manicotto - Body end - Ärmel	AISI 316	
3	Seggio - Seat - Sitz	PTFE caricato 15% vetro PTFE 15% glassfiber PTFE 15% Glas	
4	Guarnizione corpo Body seal - Dichtung des Körper	PTFE	
5	Sfera - Ball - Kugel	AISI 316	
6	Asta - Stem - Stange	AISI 316	
7	Rondella - Washer - Scheibe	PTFE	
8	Guarnizione asta Stem seal - Dichtung des Stange	PTFE	
9	Premistoppa Packing nut - Stopfbuchse	AISI 304	
10	Maniglia - Handle - Griff	AISI 304	Rivestimento PVC Plastic coated PVC
11	Bloccaggio - Locking - Blockierung	AISI 304	
12	Dado - Nut - Mutter	AISI 304	
13	Arresto - Stop pin - Anschlagstift	AISI 304	
14	Dado - Nut - Mutter	AISI 304	
15	Bullone - Bolt - Bolzen	AISI 304	

Dati tecnici Technical data - Technische Daten		
Pressione di esercizio Working pressure Betriebsdruck	1/4" - 1" 1"1/4 - 1"1/2" 2" - 4"	85 bar 70 bar 65 bar
Temperatura di esercizio Working temperature Betriebstemperatur	-40°C ÷ +220°C	
Filettatura estremità Threaded ends Endgewinde	UNI ISO 7/1 R	
Asta anticoppio Anti blow-out stem Stange Überdruck		
Asta con testa quadra 45° Stem with square head 45° Stange mit quadratischem Kopf 45°	ISO 5211.73	
A richiesta: filettatura On request: thread Auf Anfrage: Gewinde	NPT ANSI B.1.20.1	

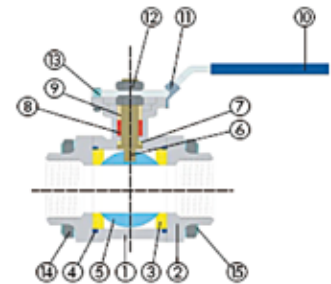
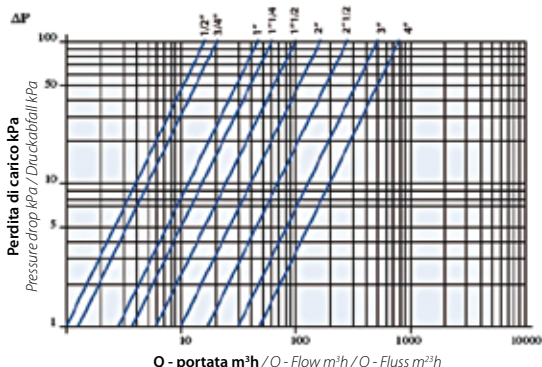
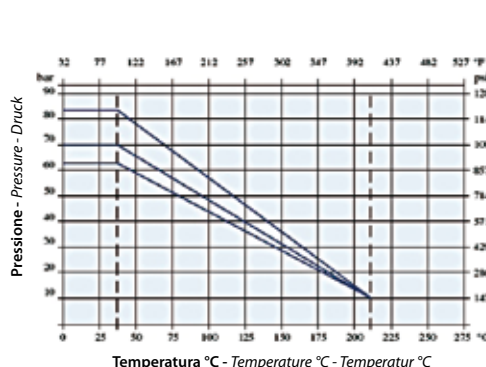


Diagramma perdite di carico  
Flow and pressure drop - Diagramm Leeraufverluste



Pressione / Temperatura  
Pressure / Temperature - Druck / Temperatur



Coefficiente KW  
KW factor - Koeffizient KW

1/4"	15
3/8"	15
1/2"	20
3/4"	45
1"	60
1"1/4	100
1"1/2	170
2"	265
2"1/2	510
3"	790
4"	1230

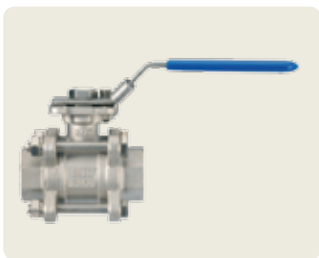


## Valvole e rubinetti INOX AISI 316

INOX AISI 316 valves

Kugelhähne Edelstahl AISI 316

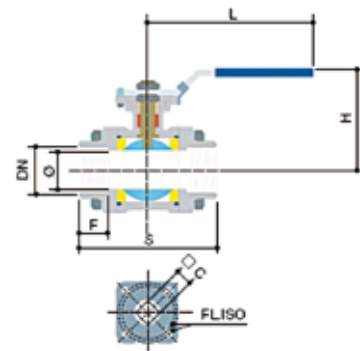
VX 56



### Valvola a sfera F.F. 3 pezzi INOX AISI 316

INOX AISI 316 ball valves F.F. 3 pieces

Kugelhähne Edelstahl AISI 316, 3 Stück



Codice/Code	DN"	Ø	S	F	H	L	□C	FL. ISO		
VX560014	1/4	11,6	48	10	62	117	9	F03		1
VX560038	3/8	12,7	48	11	63	117	9	F03		1
VX560012	1/2	15	55	15	68	117	9	F03		1
VX560034	3/4	20	74	16	72	135	11	F04/F05		1
VX560001	1	25	81	19	75	135	11	F04/F05		1
VX560114	1*1/4	32	91	21	90	203	14	F05/F07		1
VX560112	1*1/2	40	103	21	95	203	14	F05/F07		1
VX560002	2	50	120	25	102	203	14	F05/F07		1
VX560212	2*1/2	65	142	30	140	260	17	F07/F10		1
VX560003	3	80	182	33	162	260	17	F07/F10		1
VX560004	4	100	220	39	170	280	17	F07/F10		1

## Dati tecnici elettrovalvola azione diretta 2/2 vie N.C.

Solenoid valve direct acting 2/2 way N.C. Technical data  
Technische Daten Magnetventil, direktgesteuert 2/2 Wege S.G.

### Pressione minima di funzionamento

0 bar

### Tenuta

NBR (EPDM – FPM a richiesta)

### Materiali

Corpo Ottone  
Organi interni Acciaio INOX

### Fluidi

Acqua – aria

### Posizione di montaggio

Qualsiasi, sconsigliata quella con bobina rivolta verso il basso

### Temperatura ambiente

80°C, in D.C. per temperature superiori ai 40°C, le performance (M.O.P.D.) potrebbero diminuire.

### Caratteristiche

Valvola unidirezionale non ispezionabile  
Bobina tipo C4

### Minimum working pressure

0 bar

### Sealing

NBR (EPDM – FPM on request)

### Materials

Body Brass  
Internal parts Stainless steel

### Fluids

Water – air

### Mounting position

Any, the position with the coil downwards is not recommended

### Ambient temperature

80°C, in D.C. for temperatures higher than 40°C, the performance (M.O.P.D.) could decrease.

### Features

One way direction and non-serviceable valve  
Coil type C4

### Minimal Betriebsdruck

0 bar

### Halten

NBR (EPDM - FPM auf Anfrage)

### Werkstoffen

Körper Messing  
Innerhalb Komponenten Edelstahl

### Fluid

Wasser – Luft

### Einbaulage

Jeder, nicht empfohlen mit der Spule nach unten

### Raumtemperatur

80°C, in D.C. bei Temperaturen über 40°C kann die Leistung (M.O.P.D.) verringern.

### Merkmale


Einweg Ventil kann nicht überprüft werden  
Spule typ C4

## EV 55



### Elettrovalvola azione diretta 2/2 vie N.C.

Solenoid valve direct acting 2/2 way N.C.  
Magnetventil, direktgesteuert 2/2 Wege S.G.

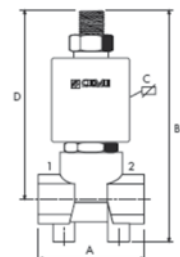
Codice/Code	Attacchi Pipes Angriff	Ø mm	Kv m <sup>3</sup> /h	M.O.P.D. bar		Dimensioni mm Dimensions / Größe				Peso Kg Weight Kg	
				AC	DC	A	B	C	D		
EV550218	G1/8	2.0	0.09	13	7	31	54	40	41	0.1	1
EV552718	G1/8	2.7	0.16	8	2	31	54	40	41	0.1	1
EV550214	G1/4	2.0	0.09	13	7	38	56	40	42	0.12	1

### Caratteristiche elettriche - Electrical information - Elektrischen Eigenschaften

				Potenza Power / Kraft	
				Nominale holding Festhalten	Spunto in rush Im Berufsverkehr
V~	24	230	50 60 Hz	11 VA	15 VA
V=	12	24		9 W	

### Max temperatura / Max temperature / Maximal Temperatur

Fluidi Fluids / Fluid				Ambiente Ambient / Raum
NBR	EPDM	FPM	HNBR	80 °C
90 °C	140 °C	140 °C	110 °C	



## Elettrovalvole

Solenoid valves  
Magnetventile

### Dati tecnici elettrovalvola azione diretta 2/2 vie N.C.

Solenoid valve direct acting 2/2 way N.C. Technical data

Technische Daten Magnetventil, direktgesteuert 2/2 Wege S.G.

#### Pressione minima di funzionamento

0 bar

#### Tenuta

NBR (EPDM – FPM a richiesta)

#### Materiali

Corpo Ottone  
Organi interni Acciaio INOX

#### Fluidi

Acqua – aria

#### Posizione di montaggio

Qualsiasi, sconsigliata quella con bobina rivolta verso il basso

#### Temperatura ambiente

80°C, in D.C. per temperature superiori ai 40°C, le performance (M.O.P.D.) potrebbero diminuire.

#### Caratteristiche

Valvola unidirezionale non ispezionabile  
Bobina tipo C6

#### Minimum working pressure

0 bar

#### Sealing

NBR (EPDM – FPM on request)

#### Materials

Body Brass  
Internal parts Stainless steel

#### Fluids

Water – air

#### Mounting position

Any, the position with the coil downwards is not recommended

#### Ambient temperature

80°C, in D.C. for temperatures higher than 40°C, the performance (M.O.P.D.) could decrease.

#### Features

One way direction and non-serviceable valve  
Coil type C6

#### Minimal Betriebsdruck

0 bar

#### Halten

NBR (EPDM - FPM auf Anfrage)

#### Werkstoffen

Körper Messing  
Innerhalb Komponenten Edelstahl

#### Fluid

Wasser – Luft

#### Einbaulage

Jeder, nicht empfohlen mit der Spule nach unten

#### Raumtemperatur

80°C, in D.C. bei Temperaturen über 40°C kann die Leistung (M.O.P.D.) verringern.

#### Merkmale

Einweg Ventil kann nicht überprüft werden  
Spule typ C6

## EV 66



### Elettrovalvola azione diretta 2/2 vie N.C.

Solenoid valve direct acting 2/2 way N.C.

Magnetventil, direktgesteuert 2/2 Wege S.G.

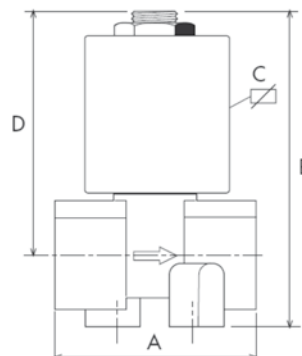
Codice/Code	Attacchi Pipes Angriff	Ø mm	Kv m³/h	M.O.P.D. bar		A	Dimensioni mm Dimensions / Größe				Peso Kg Weight Kg Gewicht Kg	📄
				AC	DC		B	C	D			
<b>EV660214</b>	G1/4	2.0	0.085	25	12	35	63	47	50	0.22	1	
<b>EV660314</b>	G1/4	3.0	0.17	9	5	35	63	47	50	0.22	1	
<b>EV660414</b>	G1/4	4.0	0.25	6	4	35	63	47	50	0.22	1	

#### Caratteristiche elettriche - Electrical information - Elektrischen Eigenschaften

				Potenza Power / Kraft			
	Nominale holding Festhalten	Spunto in rush Im Berufsverkehr					
V~	24	230	50	60	Hz	17 VA	24 VA
V=	12	24				16 W	

#### Max temperatura / Max temperature / Maximal Temperatur

Fluidi Fluids / Fluid			Ambiente Ambient / Raum
NBR	EPDM	FPM	80 °C
90 °C	150 °C	150 °C	



## Dati tecnici elettrovalvola servoassistita 2/2 vie N.C.

Solenoid valve servo-actuated 2/2 way N.C. Technical data  
Technische Daten Magnetventil Servo 2/2 Wege S.G.

<b>Pressione minima di funzionamento</b> 0 bar	<b>Minimum working pressure</b> 0 bar	<b>Minimal Betriebsdruck</b> 0 bar
<b>Tenuta</b> NBR (EPDM – FPM a richiesta); EPDM-KTW tenuta adatta e certificata DVGW per l'intercettazione di acqua potabile.	<b>Sealing</b> NBR (EPDM – FPM on request); EPDM-KTW sealing approved and DVGW certified for interception of potable water.	<b>Halten</b> NBR (EPDM - FPM auf Anfrage); EPDM-KWT Abdichten zugelassen DVGW zum Absperren Trinkwasser.
<b>Materiali</b> Corpo Ottone Organi interni Acciaio INOX	<b>Materials</b> Body Brass Internal parts Stainless steel	<b>Werkstoffen</b> Körper Messing Innerhalb Komponenten Edelstahl
<b>Fluidi</b> Acqua – aria – olii leggeri	<b>Fluids</b> Water – air – light oils	<b>Fluid</b> Wasser – Luft – Leichtöle
<b>Posizione di montaggio</b> Si consiglia di montare la valvola con la bobina rivolta verso l'alto.	<b>Mounting position</b> We advice installation of the valve with the coil vertical.	<b>Einbaulage</b> Jeder, nicht empfohlen mit der Spule nach unter.
<b>Temperatura ambiente</b> 80°C, in D.C. per temperature superiori ai 40°C, le performance (M.O.P.D.) potrebbero diminuire.	<b>Ambient temperature</b> 80°C, in D.C. for temperatures higher than 40°C, the performance (M.O.P.D.) could decrease.	<b>Raumtemperatur</b> 80°C, in D.C. bei Temperaturen über 40°C kann die Leistung (M.O.P.D.) verringern.
<b>Caratteristiche</b> Valvola unidirezionale ispezionabile fornita con connettore tripolare UNI ISO 4400 (DIN 43650A) – IP65. Bobina tipo C12	<b>Features</b> One way direction and serviceable valve supplied with three pole plug connector UNI ISO 4400 (DIN 43650A) – IP65. Coil type C12	<b>Merkmale</b> Einweg Ventil kann überprüft werden, mit drei-poligen Stecker UNI ISO 4400 (DIN 43650A) – IP65. Spule typ C12

## EV 84



### Elettrovalvola servoassistita 2/2 vie N.C.

Solenoid valve servo-actuated 2/2 way N.C.  
Magnetventil Servo 2/2 Wege S.G.

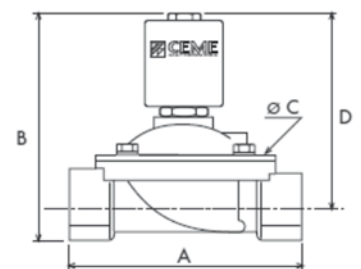
Codice/Code	Attacchi Pipes Angriff	Ø mm	Kv m³/h	M.O.P.D. bar		Dimensioni mm Dimensions / Größe				Peso Kg Weight Kg Gewicht Kg	
				AC	DC	A	B	C	D		
<b>EV841238</b>	G 3/8	12	2.2	5	5	61	105	48	92	0.68	1
<b>EV841212</b>	G 1/2	12	2.2	5	5	61	105	48	92	0.66	1
<b>EV842034</b>	G 3/4	20	5.5	4	2	100	110	80	93	1.1	1
<b>EV842501</b>	G 1	25	7.5	4	2	100	116	80	96	1.2	1

#### Caratteristiche elettriche - Electrical information - Elektrischen Eigenschaften

	V~	24	230	50 60 Hz	Potenza Power / Kraft	
					Nominale holding Festhalten	Spunto in rush Im Berufsverkehr
V~	24	230	50 60 Hz	18 VA	47 VA	
V=	12	24		21 W		

#### Max temperatura / Max temperature / Maximal Temperatur

Fluidi Fluids / Fluid				Ambiente Ambient / Raum
NBR	EPDM	EPDM-KTV	FPM	80 °C
130 °C	130 °C	150 °C	90 °C	



# Elettrovalvole

Solenoid valves  
Magnetventile

## Dati tecnici elettrovalvola servocomandata 2/2 vie N.C.

Solenoid valve pilot operated 2/2 way N.C. Technical data

Technische Daten Magnetventil Servo 2/2 Wege S.G.

### Pressione minima di funzionamento

0,3 bar

### Tenuta

NBR (EPDM – FPM a richiesta); EPDM-KTW tenuta adatta e certificata DVGW per l'intercettazione di acqua potabile.

### Materiali

Corpo Ottone  
Organi interni Acciaio INOX

### Tubo guida INOX

Tenuta metallica con il corpo per tenute sicure anche ad alte temperature. Migliore resistenza alla corrosione.

### Fluidi

Acqua – aria – olii leggeri

### Posizione di montaggio

Qualsiasi, sconsigliata quella con bobina rivolta verso il basso.

### Temperatura ambiente

80°C, in D.C. per temperature superiori ai 40°C, le performance (M.O.P.D.) potrebbero diminuire.

### Caratteristiche

Valvola unidirezionale ispezionabile fornita con connettore tripolare UNI ISO 4400 (DIN 43650A) – IP65.  
Bobina tipo C6

### Minimum working pressure

0,3 bar

### Sealing

NBR (EPDM – FPM a richiesta); EPDM-KTW tenuta adatta e certificata DVGW per l'intercettazione di acqua potabile.

### Materials

Body Brass  
Internal parts Stainless steel

### Stainless steel tube guide

Metallic sealing with the body for safety sealing also for high temperature app. Improved corrosion resistance.

### Fluids

Water – air – light oils

### Mounting position

Any, the position with the coil downwards is not recommended.

### Ambient temperature

80°C, in D.C. for temperatures higher than 40°C, the performance (M.O.P.D.) could decrease.

### Features

One way direction and serviceable valve supplied with three pole plug connector UNI ISO 4400 (DIN 43650A) – IP65.  
Coil type C6

### Minimal Betriebsdruck

0,3 bar

### Halten

NBR (EPDM - FPM auf Anfrage); EPDM-KWT Abdichten zugelassen DVGW zum Absperrn Trinkwasser.

### Werkstoffen

Körper Messing  
Innerhalb Komponenten Edelstahl

### Edelstahl Schlauchführung

Metall-Abdichtung mit dem Körper für einen sicheren Einsatz auch bei hohen Temperaturen. Verbesserte Korrosionsbeständigkeit.

### Fluid

Wasser – Luft – Leichtöle

### Einbaulage

Jeder, nicht empfohlen mit der Spule nach unten.

### Raumtemperatur

80°C, in D.C. bei Temperaturen über 40°C kann die Leistung (M.O.P.D.) verringern.

### Merkmale

Einweg Ventil kann überprüft werden, mit drei-poligen Stecker UNI ISO 4400 (DIN 43650A) – IP65.  
Spule typ C6

## EV 86



### Elettrovalvola servocomandata 2/2 vie N.C.

Solenoid valve pilot operated 2/2 way N.C.

Magnetventil Servo 2/2 Wege S.G.

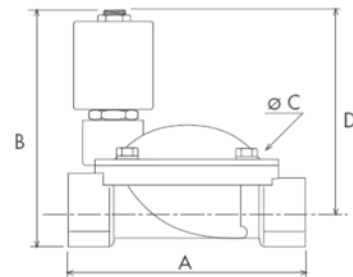
Codice/Code	Attacchi Pipes Angriff	Ø mm	Kv m³/h	M.O.P.D. bar		Dimensioni mm Dimensions / Größe				Peso Kg Weight Kg	
				AC	DC	A	B	C	D		
<b>EV861238</b>	G3/8	10	1.86	10	10	61	89	48	77	0.54	1
<b>EV861212</b>	G1/2	12	2.1	10	10	61	89	48	77	0.5	1
<b>EV862034</b>	G3/4	20	5.7	10	10	87	101	69	84	0.8	1
<b>EV862501</b>	G1	25	9.6	10	10	100	106	80	86	1.1	1
<b>EV863141</b>	G1 ¼	32	22.0	10	10	131	122	112	95	2.5	1
<b>EV863921</b>	G1 ½	39	27.0	10	10	146	128	128	98	3.0	1
<b>EV865102</b>	G2	51	35.0	10	10	174	145	146	108	4.6	1

#### Caratteristiche elettriche - Electrical information - Elektrischen Eigenschaften

	Potenza Power / Kraft	
	Nominale holding Festhalten	Spunto in rush Im Berufsverkehr
V~	24 230	50 60 Hz 11 VA 24 VA
V=	12 24	16 W

#### Max temperatura / Max temperature / Maximal Temperatur

Fluidi Fluids / Fluid				Ambiente Ambient / Raum
NBR	EPDM	EPDM-KTV	FPM	80 °C
90 °C	130 °C	130 °C	90 °C	



## Dati tecnici elettrovalvola servocomandata 2/2 vie N.A.

Solenoid valve pilot operated 2/2 way N.O. Technical data

Technische Daten Magnetventil Servo 2/2 Wege S.O.

### Pressione minima di funzionamento

0,3 bar

### Tenuta

NBR (EPDM – FPM a richiesta); EPDM-KTW tenuta adatta e certificata DVGW per l'intercettazione di acqua potabile.

### Materiali

Corpo Ottone  
Organi interni Acciaio INOX

### Fluidi

Acqua – aria – olii leggeri

### Posizione di montaggio

Qualsiasi, sconsigliata quella con bobina rivolta verso il basso.

### Temperatura ambiente

80°C, in D.C. per temperature superiori ai 40°C, le performance (M.O.P.D.) potrebbero diminuire.

### Caratteristiche

Valvola unidirezionale ispezionabile fornita con connettore tripolare UNI ISO 4400 (DIN 43650A) – IP65.  
Bobina tipo Cina

### Minimum working pressure

0,3 bar

### Sealing

NBR (EPDM – FPM on request); EPDM-KTW sealing approved and DVGW certified for interception of potable water.

### Materials

Body Brass  
Internal parts Stainless steel

### Fluids

Water – air – light oils

### Mounting position

Any, the position with the coil downwards is not recommended.

### Ambient temperature

80°C, in D.C. for temperatures higher than 40°C, the performance (M.O.P.D.) could decrease.

### Features

One way direction and serviceable valve supplied with three pole plug connector UNI ISO 4400 (DIN 43650A) – IP65.  
Coil type China

### Minimal Betriebsdruck

0,3 bar

### Halten

NBR (EPDM - FPM auf Anfrage); EPDM-KWT Abdichten zugelassen DVGW zum Absperrn Trinkwasser.

### Werkstoffen

Körper Messing  
Innerhalb Komponenten Edelstahl

### Fluid

Wasser – Luft – Leichtöle

### Einbaulage

Jeder, nicht empfohlen mit der Spule nach unten.

### Raumtemperatur

80°C, in D.C. bei Temperaturen über 40°C kann die Leistung (M.O.P.D.) verringern.

### Merkmale

Einweg Ventil kann überprüft werden, mit drei-poligen Stecker UNI ISO 4400 (DIN 43650A) – IP65.  
Spule typ China

## EV 87



### Elettrovalvola servocomandata 2/2 vie N.A.

Solenoid valve pilot operated 2/2 way N.O.

Magnetventil Servo 2/2 Wege S.O.

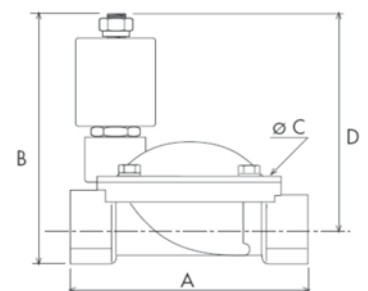
Codice/Code	Attacchi Pipes Angriff	Ø mm	Kv m³/h	M.O.P.D. bar		Dimensioni mm Dimensions / Größe				Peso Kg Weight Kg	📦
				AC	DC	A	B	C	D		
<b>EV871038</b>	G3/8	10	1.86	10	10	61	95	48	83	0.6	1
<b>EV871212</b>	G1/2	12	2.1	10	10	61	95	48	83	0.55	1
<b>EV872034</b>	G3/4	20	5.7	10	10	87	107	69	91	0.85	1
<b>EV872501</b>	G1	25	9.6	10	10	100	113	80	93	1.1	1
<b>EV873241</b>	G1 ¼	32	22.0	10	10	131	128	112	101	2.7	1
<b>EV873921</b>	G1 ½	39	27.0	10	10	146	135	128	105	3.0	1
<b>EV875102</b>	G 2	51	35.0	10	10	174	151	146	114	4.5	1

#### Caratteristiche elettriche - Electrical information - Elektrischen Eigenschaften

	V~	V=	24	230	50	60	Hz	Potenza Power / Kraft	
								Nominale holding Festhalten	Spunto in rush Im Berufsverkehr
								15 VA	25 VA
			12	24				16 W	

#### Max temperatura / Max temperature / Maximal Temperatur

Fluidi Fluids / Fluid				Ambiente Ambient / Raum
NBR	EPDM	EPDM-KTV	FPM	80 °C
90 °C	130 °C	130 °C	150 °C	





# Elettrovalvole

Solenoid valves  
Magnetventile

## Dati tecnici elettrovalvola servocomandata 2/2 vie N.C.

Solenoid valve pilot operated 2/2 way N.C. Technical data

Technische Daten Magnetventil Servo 2/2 Wege S.G.

### Pressione minima di funzionamento

1 bar

### Minimum working pressure

1 bar

### Minimal Betriebsdruck

1 bar

### Tenuta

PTFE L'otturatore principale è un pistone in PTFE con fasce di tenuta radiale in PTFE caricato grafite auto lubrificante.

### Sealing

PTFE The principal dosing is via a PTFE piston with PTFE radial seal bands , graphite loaded, self-lubricating.

### Halten

Der Hauptkegel ist ein PTFE-Radialdurchbruch Kolbenringen in PTFE Graphit, selbstschmierenden.

### Materiali

Corpo Ottone nichelato con sede di tenuta INOX  
Organi interni Acciaio INOX

### Materials

Body Nickel-plated brass with sealing seat in stainless steel  
Internal parts Stainless steel

### Werkstoffen

Körper Vernickelt Messing mit Dichtsitz im Edelstahl  
Innerhalb Komponenten Edelstahl

### Fluidi

Vapore

### Fluids

Steam

### Fluid

Dampf

### Posizione di montaggio

Qualsiasi, sconsigliata quella con bobina rivolta verso il basso.

### Mounting position

Any, the position with the coil downwards is not recommended.

### Einbaulage

Jeder, nicht empfohlen mit der Spule nach unter.

### Temperatura ambiente

80°C, in D.C. per temperature superiori ai 40°C, le performance (M.O.P.D.) potrebbero diminuire.

### Ambient temperature

80°C, in D.C. for temperatures higher than 40°C, the performance (M.O.P.D.) could decrease.

### Raumtemperatur

80°C, in D.C. bei Temperaturen über 40°C kann die Leistung (M.O.P.D.) verringern.

### Caratteristiche

Valvola unidirezionale ispezionabile fornita con connettore tripolare UNI ISO 4400 (DIN 43650A) – IP65.  
Bobina tipo C12

### Features

One way direction and serviceable valve supplied with three pole plug connector UNI ISO 4400 (DIN 43650A) – IP65.  
Coil type C12

### Merkmale

Einweg Ventil kann überprüft werden, mit drei-poligen Stecker UNI ISO 4400 (DIN 43650A) – IP65.  
Spule typ C12

## EV 90



### Elettrovalvola servocomandata 2/2 vie N.C.

Solenoid valve pilot operated 2/2 way N.C.

Magnetventil Servo 2/2 Wege S.G.

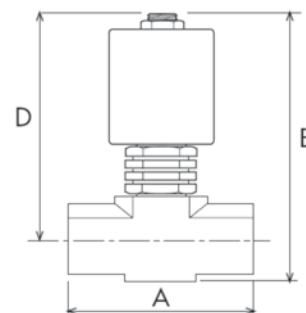
Codice/Code	Attacchi Pipes Angriff	Ø mm	Kv m³/h	M.O.P.D. bar		Dimensioni mm Dimensions / Größe				Peso Kg Weight Kg	📦
				AC	DC	A	B	C	D		
EV900838	G3/8	8.0	1.08	10	5	56	99	60	81	0.47	1
EV900812	G1/2	8.0	1.08	10	5	56	99	60	81	0.5	1
EV902134	G3/4	21	6.3	10	5	100	134	80	116	1.45	1
EV902101	G1	21	6.3	10	5	100	139	80	119	1.48	1

### Caratteristiche elettriche - Electrical information - Elektrischen Eigenschaften

	Potenza Power / Kraft	
	Nominale holding Festhalten	Spunto in rush Im Berufsverkehr
V~	24 230	50 60 Hz 20 VA 38 VA
V=	12 24	14 W

### Max temperatura / Max temperature / Maximal Temperatur

Fluidi Fluids / Fluid	Ambiente Ambient / Raum
PTFE	80 °C
180 °C	



## Dati tecnici elettrovalvola azione diretta 2/2 vie N.C.

Solenoid valve direct acting 2/2 way N.C. Technical data

Technische Daten direktgesteuert 2/2 Wege S.G.

### Pressione minima di funzionamento

0 bar

### Tenuta

FPM (EPDM a richiesta).

### Materiali

Corpo Ottone  
Organi interni Acciaio INOX

### Fluidi

Acqua - aria - gas - vapore

### Posizione di montaggio

Qualsiasi, sconsigliata quella con bobina rivolta verso il basso.

### Temperatura ambiente

80°C, in D.C. per temperature superiori ai 40°C, le performance (M.O.P.D.) potrebbero diminuire.

### Caratteristiche

Valvola unidirezionale non ispezionabile fornita con connettore tripolare UNI ISO 4400 (DIN 43650A) - IP65.  
Bobina tipo B12

### Minimum working pressure

0 bar

### Sealing

FPM (EPDM on request).

### Materials

Body Brass  
Internal parts Stainless steel

### Fluids

Water - air - gas - steam

### Mounting position

Any, the position with the coil downwards is not recommended.

### Ambient temperature

80°C, in D.C. for temperatures higher than 40°C, the performance (M.O.P.D.) could decrease.

### Features

One way direction and non-serviceable valve supplied with three pole plug connector UNI ISO 4400 (DIN 43650A) - IP65.  
Coil type B12

### Minimal Betriebsdruck

0 bar

### Halten

FPM (EPDM auf Anfrage).

### Werkstoffen

Körper Messing  
Innerhalb Komponenten Edelstahl

### Fluid

Wasser - Luft - Gas - Dampf

### Einbaulage

Jeder, nicht empfohlen mit der Spule nach unten.

### Raumtemperatur

80°C, in D.C. bei Temperaturen über 40°C kann die Leistung (M.O.P.D.) verringern.

### Merkmale

Einweg Ventil kann nicht überprüft werden, mit drei-poligen Stecker UNI ISO 4400 (DIN 43650A) - IP65.  
Spule typ B12

## EV 93



### Elettrovalvola azione diretta 2/2 vie N.C.

Solenoid valve direct acting 2/2 way N.C.

Magnetventil direktgesteuert 2/2 Wege S.G.

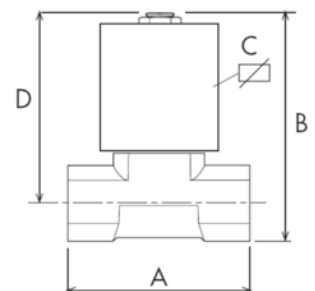
Codice/Code	Attacchi Pipes Angriff	Ø mm	Kv m³/h	M.O.P.D. bar		Dimensioni mm Dimensions / Größe				Peso Kg Weight Kg	📦
				AC	DC	A	B	C	D		
EV930538	G3/8	5,0	0,48	5	3	47	73	60	62	0,38	1
EV930512	G1/2	5,0	0,48	5	3	56	76	60	63	0,435	1

### Caratteristiche elettriche - Electrical information - Elektrischen Eigenschaften

	V~	24	230	50 60 Hz	Potenza Power / Kraft	
					Nominale holding Festhalten	Spunto in rush Im Berufsverkehr
V~	24	230	50 60 Hz	27 VA	38 VA	
V=	12	24		14 W		

### Max temperatura / Max temperature / Maximal Temperatur

Fluidi Fluids / Fluid		Ambiente Ambient / Raum
EPDM	FPM	80 °C
155 °C	150 °C	



# Elettrovalvole

Solenoid valves  
Magnetventile

## Dati tecnici elettrovalvola azione diretta 2/2 vie N.C.

Solenoid valve direct acting 2/2 way N.C. technical data

Technische Daten Magnetventil direktgesteuert 2/2 Wege S.G.

### Pressione minima di funzionamento

0 bar

### Tenuta

PTFE (EPDM – FPM a richiesta).

### Materiali

Corpo Ottone con sede di tenuta INOX  
Organi interni Acciaio INOX

### Tubo guida INOX

Tenuta metallica con il corpo per tenute sicure anche ad alte temperature.  
Migliore resistenza alla corrosione.

### Fluidi

Acqua – aria – olii leggeri - vapore

### Posizione di montaggio

Qualsiasi, sconsigliata quella con bobina rivolta verso il basso.

### Temperatura ambiente

80°C, in D.C. per temperature superiori ai 40°C, le performance (M.O.P.D.) potrebbero diminuire.

### Caratteristiche

Valvola unidirezionale ispezionabile fornita con connettore tripolare UNI ISO 4400 (DIN 43650A) – IP65.  
Bobina tipo C12

### Minimum working pressure

0 bar

### Sealing

PTFE (EPDM – FPM on request).

### Materials

Body Brass with sealing seat in stainless steel  
Internal parts Stainless steel

### Stainless steel tube guide

Metallic sealing with the body for safety sealing also for high temperature app.  
Improved corrosion resistance.

### Fluids

Water – air – light oils - steam

### Mounting position

Any, the position with the coil downwards is not recommended.

### Ambient temperature

80°C, in D.C. for temperatures higher than 40°C, the performance (M.O.P.D.) could decrease.

### Features

One way direction and serviceable valve supplied with three pole plug connector UNI ISO 4400 (DIN 43650A) – IP65.  
Coil type C12

### Minimal Betriebsdruck

0 bar

### Halten

PTFE (EPDM - FPM auf Anfrage)

### Werkstoffen

Körper Messing vernickelt mit Edelstahl Sitzring  
Innerhalb Komponenten Edelstahl

### Edelstahl Schlauchführung

Metall-Abdichtung mit dem Körper für einen sicheren Einsatz auch bei hohen Temperaturen.  
Verbesserte Korrosionsbeständigkeit Innerhalb.

### Fluid

Wasser - Luft - Leichtöle - Dampf

### Einbaulage

Jeder, nicht empfohlen mit der Spule nach unten.

### Raumtemperatur

80°C, in D.C. bei Temperaturen über 40°C kann die Leistung (M.O.P.D.) verringern.

### Merkmale

Einweg Ventil kann überprüft werden, mit drei-poligen Stecker UNI ISO 4400 (DIN 43650A) – IP65.  
Spule typ C12

## EV 99



### Elettrovalvola azione diretta 2/2 vie N.C.

Solenoid valve direct acting 2/2 way N.C.

Magnetventil direktgesteuert 2/2 Wege S.G.

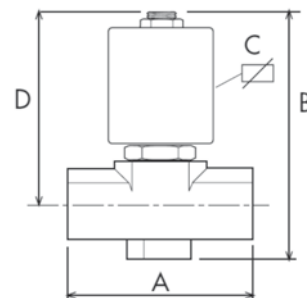
Codice/Code	Attacchi Pipes Angriff	Ø mm	Kv m³/h	M.O.P.D. bar		Dimensioni mm Dimensions / Größe				Peso Kg Weight Kg	
				AC	DC	A	B	C	D		
EV992814T	G 1/4	2.8	0.25	11	6	37	82	60	73	0.41	1

#### Caratteristiche elettriche - Electrical information - Elektrischen Eigenschaften

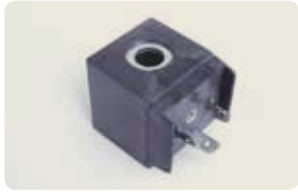
	Potenza Power / Kraft	
	Nominale holding Festhalten	Spunto in rush Im Berufsverkehr
V~	24 230	50 60 Hz 20 VA 34 VA
V=	12 24	14 W

#### Max temperatura / Max temperature / Maximal Temperatur

Fluidi Fluids / Fluid				Ambiente Ambiente / Raum
EPDM	FPM	PTFE	RULON	80 °C
155 °C	150 °C	180 °C	180 °C	



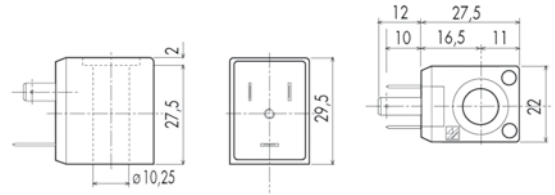
## C4



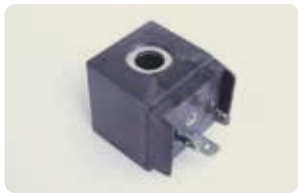
### Bobina C4

Coil C4  
Spule C4

Codice/Code	Contenuto / Content	
<b>C412</b>	12V dc (EV 55)	1
<b>C424</b>	24V dc (EV 55)	1
<b>C42450</b>	24V-50/60 (EV 55)	1
<b>C423050</b>	230V-50/60 (EV 55)	1



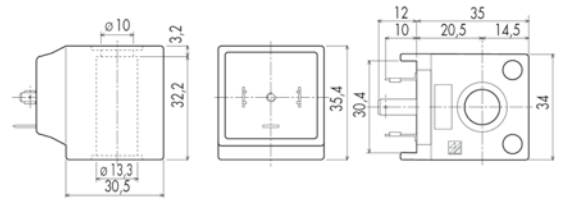
## C6



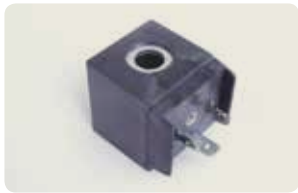
### Bobina C6

Coil C6  
Spule C6

Codice/Code	Contenuto / Content	
<b>C612</b>	12V dc (EV 66-86)	1
<b>C624</b>	24V dc (EV 66-86)	1
<b>C62450</b>	24V-50/60 (EV 66-86)	1
<b>C623050</b>	230V-50/60 (EV 66-86)	1



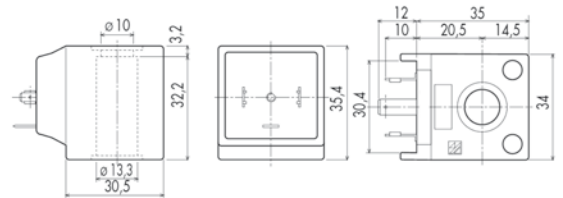
## C6NA



### Bobina C6 normalmente aperta

Coil C6 normally open  
Offnen Spule C6

Codice/Code	Contenuto / Content	
<b>C612NA</b>	NA 12V dc (EV 87)	1
<b>C624NA</b>	NA 24V dc (EV 87)	1
<b>C62450NA</b>	NA 24V-50/60 (EV 87)	1
<b>C623050NA</b>	NA 230V-50/60 (EV 87)	1



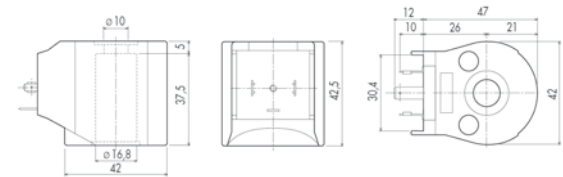
## C12



### Bobina C12

Coil C12  
Spule C12

Codice/Code	Contenuto / Content	
<b>C1212</b>	12V dc (EV 84-90-93-99)	1
<b>C1224</b>	24V dc (EV 84-90-93-99)	1
<b>C122450</b>	24V-50/60 (EV 84-90-93-99)	1
<b>C1223050</b>	230V-50/60 (EV 84-90-93-99)	1



## CN



### Connettore

Connector  
Gerätestecker

Codice/Code	Misura / Size	
<b>CNB001</b>	B 18x21	1
<b>CNA001</b>	A 27x27	1

# Giunti

## Couplings

## Kupplungen

<b>GR</b>	<b>Giunti rotanti</b> Rotating joints Drehdurchführungen	344
<b>GC</b>	<b>Giunti CEJN</b> CEJN couplings Schnellkupplungen	347
<b>GM</b>	<b>Giunti automatici serie mini</b> Mini couplings Schnellkupplungen Serie mini	352
<b>GG</b>	<b>Giunti giganti Italia</b> Italian giant couplings Riesenkupplungen Italien	354
<b>GN</b>	<b>Giunti Italia</b> Italian couplings Kupplungen Italien	357
<b>GD</b>	<b>Giunti Germania</b> Germany couplings Kupplungen Deutschland	360
<b>GT</b>	<b>Giunti universali in ottone</b> Brass universal couplings Universal Kupplungen Messing	364
<b>GT-G</b>	<b>Giunti universali in ottone ghiera color oro</b> Yellow brass universal couplings Universal Kupplungen Messing gelb	365
<b>GU</b>	<b>Giunti universali</b> Universal couplings Universal Kupplungen	366
<b>GP</b>	<b>Giunti universali 6 sfere</b> Universal couplings 6 balls Universal Kupplungen 6 Kugeln	367
<b>GS</b>	<b>Giunti universali con sicurezza</b> Universal couplings with safety Universal Kupplungen mit Sicherung	368
<b>GA</b>	<b>Innesti America</b> American connections Kupplungen America	369
<b>GH</b>	<b>Innesti Svizzera</b> Swiss connections Kupplungen Schweiz	370
<b>GJ</b>	<b>Giunti Japan</b> Japan couplings Kupplungen Japan	371

<b>JA</b>	<b>Giunti e innesti Japan</b> Japan couplings and plugs Kupplungen Japan	372
	<b>JS Giunti Japan semiautomatici</b> Japan semiautomatic couplings Semiautomatischen Kupplungen Japan	372
	<b>JA Giunti Japan automatici</b> Japan automatic couplings Automatischen Kupplungen Japan	373
	<b>JG Giunti semiautomatici e innesti giganti Japan</b> Giant Japan semiautomatic couplings and plugs Semiautomatischen Riesenkupplungen Japan	373
	<b>JP Innesti standard Japan</b> Standard Japan plugs Standard Kupplungen Japan	375
<b>AM</b>	<b>Raccordi per spirali</b> Coils fittings Spiralefedern	376
<b>AG</b>	<b>Raccordi a baionetta</b> Bayonet fittings Kupplung mit Bajonett	378



# Giunti rotanti

## Rotating joints

## Drehdurchführungen

### Dati tecnici dei giunti rotanti

Rotating joints technical data

Technische Daten der Drehdurchführungen

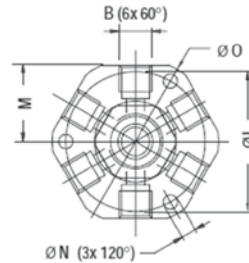
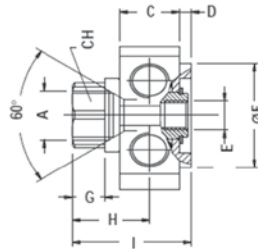
<b>Fluido</b> Aria lubrificata	<b>Fluid</b> Lubricated air	<b>Fluid</b> Geölte Luft
<b>Materiali</b> Corpo Ottone nichelato Perno Ottone con Niploy process 30µ 450±500 HV Guarnizioni NBR 75 o PUR 90 Sh.A (FKM a richiesta) Flangia Alluminio anodizzato Seeger e viti Acciaio	<b>Materials</b> Body Nickel-plated brass Pivot Brass with Niploy process 30µ 450±500 HV Seal NBR 75 o PUR 90 Sh.A (FKM on demand) Flange Anodized aluminum Seegering and screw Steel	<b>Werkstoffen</b> Körper Messing vernickelt Stift Messing mit Niploy prozess 30µ 450±500 HV Dichtungen NBR 75 o PUR 90 Sh.A (Dichtung FKM Anfrange) Flansch Eloxiertem Aluminium Seeger und Schrauben Stahl
<b>Pressione di esercizio</b> da 0.5 a 12 bar	<b>Working pressure</b> from 0.5 to 12 bar	<b>Betriebsdruck</b> von 0.5 bis 12 bar
<b>Temperatura di utilizzo</b> da -10°C a +85°C (NBR - PUR) da -20°C a +185°C (FKM)	<b>Temperature range</b> from 14°F to 185°F (NBR - PUR) from -4°F to 365°F (FKM)	<b>Betriebstemperatur</b> von -10°C bis +85°C (NBR - PUR) von -20°C bis +185°C (FKM)

## GR 10

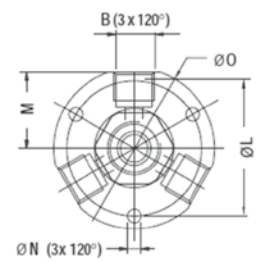


### Giunti rotanti

Rotating joints  
Drehdurchführungen



**GR10381806**



**GR10381403**

Guarnizione in FKM su richiesta  
FKM O-ring on demand  
Dichtung FKM auf Anfrage

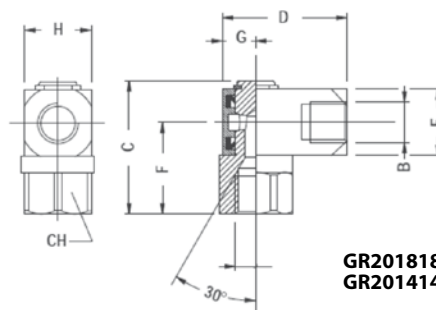
Codice/Code	A" Entrate Inlets	B" Uscite Outlets	C	D	E"	F	G	H	I	L	M	N	O	CH	
<b>GR10381806</b>	1 - G3/8	6 - G1/8	20	4	G1/8	35	11	26	40	42	23.7	4.25	50	22	1
<b>GR10381403</b>	1 - G3/8	3 - G1/4	20	4	G1/8	35	11	26	40	42	23.0	4.25	50	22	1

## GR 20

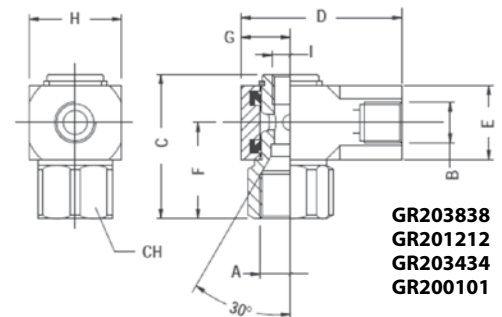


### Giunti rotanti a una via

One ways rotating joints  
Drehdurchführungen Ein-Weg



**GR201818**  
**GR201414**



**GR203838**  
**GR201212**  
**GR203434**  
**GR200101**

Guarnizione in FKM su richiesta  
FKM O-ring on demand  
Dichtung FKM auf Anfrage

Codice/Code	A" Entrate Inlets	B" Uscite Outlets	C	D	E	F	G	H	I"	CH						
<b>GR201818</b>	1 - G1/8	1 - G1/8	32	30	16	22	8	16	-	16						1
<b>GR201414</b>	1 - G1/4	1 - G1/4	32	30	16	22	8	16	-	16						1
<b>GR203838</b>	1 - G3/8	1 - G3/8	39	40	20	26	12.5	25	G1/8	22						1
<b>GR201212</b>	1 - G1/2	1 - G1/2	55	65	30	35	20	40	G3/8	30						1
<b>GR203434</b>	1 - G3/4	1 - G3/4	70	65	40	45	20	40	G1/2	36						1
<b>GR200101</b>	1 - G1	1 - G1	80	80	45	52.5	25	50	G3/4	45						1

# Giunti rotanti

## Rotating joints

## Drehdurchführungen

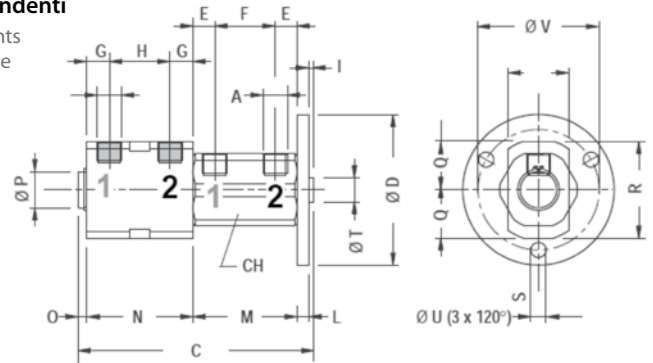
GR 30



### Giunti rotanti a 2 vie indipendenti

Independent 2 ways rotating joints  
Drehdurchführungen Zwei-Wege

Guarnizione in FKM su richiesta  
FKM O-ring on demand  
Dichtung FKM auf Anfrage



Codice/Code	A" Entrate Inlets	B" Uscite Outlets	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S	T	U	V	CH	
GR30181822	2 - G1/8	2 - G1/8	97.5	62.5	11.5	20	12	20	2	5	43	44	3.5	15	20	40	25	10	6.25	50	30	1
GR30141422	2 - G1/4	2 - G1/4	132	62.5	15	30	16.5	27	2	5	60	60	5	25	25	50	40	10	6.25	50	36	1

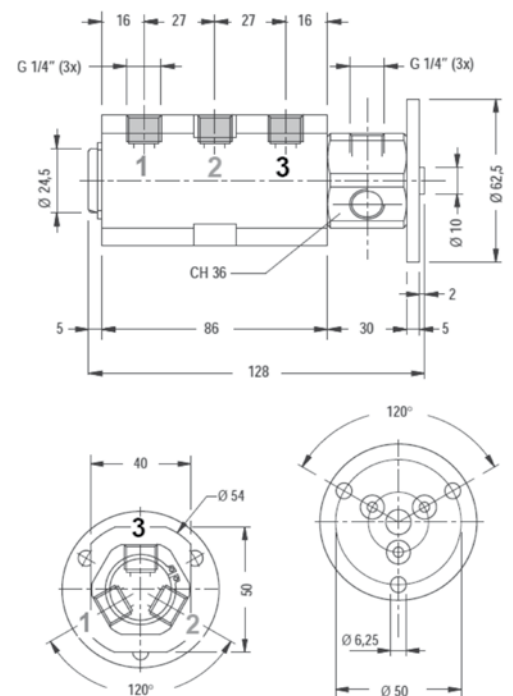
GR 40



### Giunti rotanti a 3 vie indipendenti

Independent 3 ways rotating joints  
Drehdurchführungen Drei-Wege

Guarnizione in FKM su richiesta  
FKM O-ring on demand  
Dichtung FKM auf Anfrage



Codice/Code	A" Entrate Inlets	B" Uscite Outlets	
GR40141433	3 - G1/4	3 - G1/4	1

## Dati tecnici giunti 315 (standard asiatico)

Couplings 315 (asiatic standard) technical data  
Technische Daten der Kupplungen 315 (standard asiatische)

### Diametro nominale

7.5 mm

### Nominal diameter

5/16"

### Nominal Durchmesser

7.5 mm

### Portata flusso

1950 l/min.

### Flow rate

1950 l/min.

### Durchfluss

1950 l/min.

### Pressione d'esercizio max

16 bar

### Max working pressure

232 PSI

### Maximal Betriebsdruck

16 bar

### Pressione di scoppio min

140 bar

### Min burst pressure

2030 PSI

### Minimal Berstdruck

140 bar

### Temperatura d'utilizzo

-20°C ÷ +100°C

### Working temperature

-4°F ÷ +212°F

### Betriebstemperatur

-20°C ÷ +100°C

### Materiale attacco femmina

Ottone/acciaio nichelato

### Female connection material

Brass/nickel plated steel

### Werkstoff weiblichen Angriff

Messing/Stahl vernickelt

### Materiale attacco maschio

Acciaio temprato zincato

### Male connection material

Hardened steel galvanized

### Werkstoff männlichen Angriff

Gehärtetem Stahl verzinkt

### Forza di collegamento

73.5 N

### Connection force

73.5 N

### Ankupplungsdruck

73.5 N

# Giunti CEJN

CEJN couplings  
Schnellkupplungen CEJN

## PC 208



**Pistola CEJN canna curva serie 208**  
Air gun CEJN 208 serie  
Luftpistole CEJN Serie 208

Codice/Code	Misura/Size	📦
PC208100M	G 1/4	1

## GC 60-315



**Innesto maschio**  
Male plug  
Kupplungen

Codice/Code	Misura/Size	📦
GC6018315	R1/8"	1
GC6014315	R1/4"	1
GC6038315	R3/8"	1
GC6012315	R1/2"	1

## GC 10-315



**Giunto maschio**  
Male quick coupler  
Schnellkupplungen

Codice/Code	Misura/Size	📦
GC1014315	R1/4"	1
GC1038315	R3/8"	1
GC1012315	R1/2"	1

## GC 70-315



**Innesto femmina**  
Female plug  
Kupplungen

Codice/Code	Misura/Size	📦
GC7018315	Rc 1/8"	1
GC7014315	Rc 1/4"	1
GC7038315	Rc 3/8"	1
GC7012315	Rc 1/2"	1

## GC 20-315



**Giunto femmina**  
Female quick coupler  
Schnellkupplungen

Codice/Code	Misura/Size	📦
GC2014315	Rc 1/4"	1
GC2038315	Rc 3/8"	1
GC2012315	Rc 1/2"	1

## GC 85-315



**Innesto portagomma**  
Plug for rubber hose  
Schlauchtülle Kupplungen

Codice/Code	Misura/Size	📦
GC8558315	5x8 mm	1
GC8560315	6.5x10 mm	1
GC8582315	8x12 mm	1
GC8516315	11x16 mm	1

## GC 40-315



**Giunto con resca**  
Quick coupler with tail  
Schnellkupplungen mit Abschluss

Codice/Code	Misura/Size	📦
GC4006315	6.3 mm	1
GC4007315	7 mm	1
GC4010315	10 mm	1
GC4013315	13 mm	1

## GC 90-315



**Innesto con resca**  
Plug with tail  
Kupplungen mit Abschluss

Codice/Code	Misura/Size	📦
GC9006315	6.3 mm	1
GC9007315	7 mm	1
GC9010315	10 mm	1
GC9013315	13 mm	1

## GC 50-315



**Giunto portagomma**  
Quick coupler for rubber hose  
Schlauchtülle Schnellkupplungen

Codice/Code	Misura/Size	📦
GC5058315	5x8 mm	1
GC5060315	6.5x10 mm	1
GC5082315	8x12 mm	1
GC5016315	11x16 mm	1

## Dati tecnici giunti 320 (eurostandard)

Couplings 320 (eurostandard) technical data

Technische Daten der Kupplungen 320 (Eurostandard)

### Diametro nominale

7.6 mm

### Nominal diameter

5/16"

### Nominal Durchmesser

7.6 mm

### Portata flusso

2100 l/min.

### Flow rate

2100 l/min.

### Durchfluss

2100 l/min.

### Pressione d'esercizio max

16 bar

### Max working pressure

232 PSI

### Maximal Betriebsdruck

16 bar

### Pressione di scoppio min

140 bar

### Min burst pressure

2030 PSI

### Minimal Berstdruck

140 bar

### Temperatura d'utilizzo

-20°C ÷ +100°C

### Working temperature

-4°F ÷ +212°F

### Betriebstemperatur

-20°C ÷ +100°C

### Materiale attacco femmina

Ottone/acciaio nichelato

### Female connection material

Brass/nickel plated steel

### Werkstoff weiblichen Angriff

Messing/Stahl vernickelt

### Materiale attacco maschio

Acciaio temprato zincato

### Male connection material

Hardened steel galvanized

### Werkstoff männlichen Angriff

Gehärtetem Stahl verzinkt

### Forza di collegamento

70.7 N

### Connection force

70.7 N

### Ankupplungsdruck

70.7 N



# Giunti CEJN

CEJN couplings  
Schnellkupplungen CEJN

## GC 10-320



**Giunto maschio**  
Male quick coupler  
Schnellkupplungen

Codice/Code	Misura/Size	📦
GC1014320	R1/4"	1
GC1038320	R3/8"	1
GC1012320	R1/2"	1

## GC 70-320



**Innesto femmina**  
Female plug  
Kupplungen

Codice/Code	Misura/Size	📦
GC7018320	G1/8"	1
GC7014320	G1/4"	1
GC7038320	G3/8"	1
GC7012320	G1/2"	1

## GC 20-320



**Giunto femmina**  
Female quick coupler  
Schnellkupplungen

Codice/Code	Misura/Size	📦
GC2014320	G1/4"	1
GC2038320	G3/8"	1
GC2012320	G1/2"	1

## GC 85-320



**Innesto portagomma**  
Plug for rubber hose  
Schlauchtülle Kupplungen

Codice/Code	Misura/Size	📦
GC8558320	5x8 mm	1
GC8560320	6.5x10 mm	1
GC8582320	8x12 mm	1
GC8593320	9.5x13.5 mm	1
GC8516320	11x16 mm	1

## GC 40-320



**Giunto con resca**  
Quick coupler with tail  
Schnellkupplungen mit Abschluss

Codice/Code	Misura/Size	📦
GC4006320	6.3 mm	1
GC4008320	8 mm	1
GC4010320	10 mm	1
GC4013320	13 mm	1

## GC 90-320



**Innesto con resca**  
Plug with tail  
Kupplungen mit Abschluss

Codice/Code	Misura/Size	📦
GC9005320	5 mm	1
GC9006320	6.3 mm	1
GC9008320	8 mm	1
GC9010320	10 mm	1
GC9013320	13 mm	1

## GC 50-320



**Giunto portagomma**  
Quick coupler for rubber hose  
Schlauchtülle Schnellkupplungen

Codice/Code	Misura/Size	📦
GC5058320	5x8 mm	1
GC5060320	6.5x10 mm	1
GC5082320	8x12 mm	1
GC5093320	9.5x13.5 mm	1
GC5016320	11x16 mm	1

## GC 60-320



**Innesto maschio**  
Male plug  
Kupplungen

Codice/Code	Misura/Size	📦
GC6018320	R1/8"	1
GC6014320	R1/4"	1
GC6038320	R3/8"	1
GC6012320	R1/2"	1

## Dati tecnici giunti 320 (eurostandard) di sicurezza

Safety couplings 320 (eurostandard) technical data

Technische Daten der Kupplungen 320 (Eurostandard)

<b>Diametro nominale</b> 7.6 mm	<b>Nominal diameter</b> 5/16"	<b>Nominal Durchmesser</b> 7.6 mm
<b>Portata flusso</b> 1900 l/min.	<b>Flow rate</b> 1900 l/min.	<b>Durchfluss</b> 1900 l/min.
<b>Pressione d'esercizio max</b> 12 bar	<b>Max Working pressure</b> 174 PSI	<b>Maximal Betriebsdruck</b> 12 bar
<b>Pressione di scoppio min</b> 48 bar	<b>Min burst pressure</b> 696 PSI	<b>Minimal Berstdruck</b> 48 bar
<b>Temperatura d'utilizzo</b> -20°C ÷ +80°C	<b>WorkinGtemperature</b> -4°F ÷ +176°F	<b>Betriebstemperatur</b> -20°C ÷ +80°C
<b>Materiale attacco femmina</b> Ottone/acciaio nichelato	<b>Female connection material</b> Brass/nickel plated steel	<b>Werkstoff weiblichen Angriff</b> Messing/Stahl vernickelt
<b>Forza di collegamento</b> 64 N	<b>Connection force</b> 64 N	<b>Ankupplungsdruck</b> 64 N

### GCS 10-320



#### Giunto maschio di sicurezza

Safety male quick coupler  
Sicherheitsschnellkupplungen

Codice/Code	Misura/Size	📦
<b>GCS1014320</b>	R1/4"	1
<b>GCS1038320</b>	R3/8"	1
<b>GCS1012320</b>	R1/2"	1

### GCS 40-320



#### Giunto con resca di sicurezza

Safety quick coupler with tail  
Sicherheitsschnellkupplungen mit Abschluss

Codice/Code	Misura/Size	📦
<b>GCS4006320</b>	6.3 mm	1
<b>GCS4008320</b>	8 mm	1
<b>GCS4010320</b>	10 mm	1
<b>GCS4013320</b>	13 mm	1

### GCS 20-320



#### Giunto femmina di sicurezza

Safety female quick coupler  
Sicherheitsschnellkupplungen

Codice/Code	Misura/Size	📦
<b>GCS2014320</b>	G1/4"	1
<b>GCS2038320</b>	G3/8"	1
<b>GCS2012320</b>	G1/2"	1

### GCS 50-320



#### Giunto portagomma di sicurezza

Safety quick coupler for rubber hose  
Schlauchtülle  
Sicherheitsschnellkupplungen

Codice/Code	Misura/Size	📦
<b>GCS5060320</b>	6.5x10 mm	1
<b>GCS5082320</b>	8x12 mm	1
<b>GCS5093320</b>	9.5x13.5 mm	1
<b>GCS5016320</b>	11x16 mm	1

# Giunti automatici

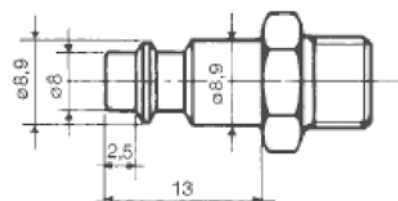
Push-in couplings  
Schnellkupplungen

## Dati tecnici dei giunti Mini

Mini couplings technical data

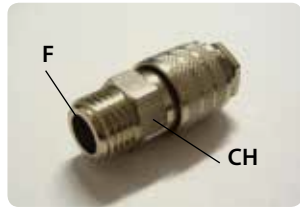
Technische Daten der Schnellkupplungen Serie Mini

<b>Fluido</b> Aria compressa	<b>Fluid</b> Compressed air	<b>Fluid</b> Druckluft
<b>Pressione di esercizio</b> Da 0 a 12 Bar	<b>Working pressure</b> From 0 to 12 Bar	<b>Betriebsdruck</b> Von 0 bis 12 bar
<b>Portata aria</b> 1100 l/min.	<b>Air flow</b> 1100 l/min.	<b>Luftstrom</b> 1100 l/min.
<b>Materiali</b> Ottone ed acciaio	<b>Materials</b> Brass and steel	<b>Werkstoffen</b> Messing und Stahl
<b>Filettatura</b> BSPP cilindrica da 1/8" a 1/4"	<b>Thread types</b> BSPP cylindrical from 1/8" to 1/4"	<b>Gewinde typ</b> BSPP zylindrisch von 1/8" bis 1/4"



Foro interno d. 5,0 mm  
Internal hole d. 5,0 mm

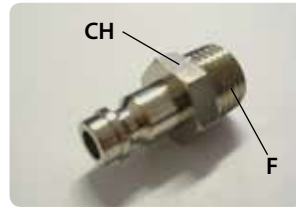
## GM 10



**Giunto mini maschio**  
Mini male coupler  
Schnellkupplungen Mini

Codice/Code	F"	L	CH	■
GM100018	G1/8	36.5	14	10
GM100014	G1/4	37.5	14	10

## GM 60



**Innesto mini maschio**  
Mini male connection  
Kupplungen Mini

Codice/Code	F"	L	CH	■
GM600018	G1/8	26	12	10
GM600014	G1/4	28.5	14	10

## GM 20



**Giunto mini femmina**  
Mini female quick coupler  
Schnellkupplungen Mini

Codice/Code	F"	L	CH	■
GM200018	G1/8	38.5	14	10
GM200014	G1/4	41	15	10

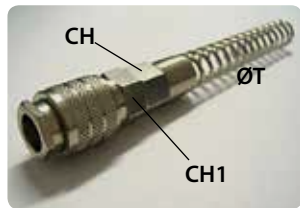
## GM 70



**Innesto mini femmina**  
Mini female connection  
Kupplungen Mini

Codice/Code	ØT"	L	CH	■
GM700018	G1/8	24.5	12	10
GM700014	G1/4	28	15	10

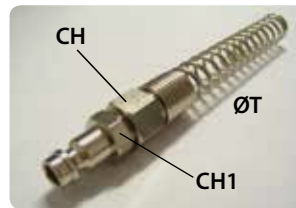
## GM 30



**Giunto mini con molla**  
Mini coupler with spring  
Schnellkupplungen Mini mit Feder

Codice/Code	ØT	CH1	CH	L	■
GM300064	6/4	12	14	100	10
GM300086	8/6	13	14	125	10
GM300108	10/8	14	15	125	10

## GM 80



**Innesto mini con molla**  
Mini connection with spring  
Kupplungen Mini mit Feder

Codice/Code	ØT	CH1	CH	L	■
GM800064	6/4	12	12	90	10
GM800086	8/6	14	12	115	10
GM800108	10/8	14	15	115	10

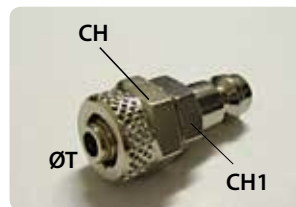
## GM 40



**Giunto mini a calzamento**  
Mini coupler with quick fitting  
Schnellkupplungen Mini

Codice/Code	T	L	CH	■
GM400064	6/4	43	14	10
GM400086	8/6	44	14	10
GM400108	10/8	45	14	10

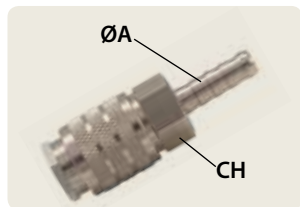
## GM 90



**Innesto mini a calzamento**  
Mini connection with quick fitting  
Kupplungen Mini

Codice/Code	ØT	CH1	CH	L	■
GM900064	6/4	32.5	12	12	10
GM900086	8/6	33.5	12	14	10
GM900108	10/8	35	15	14	10

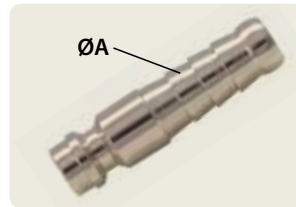
## GM 45



**Giunto mini con resca**  
Mini coupler with tail  
Schnellkupplungen Mini mit Abschluss

Codice/Code	ØA	L	CH	■
GM450006	6	48	14	10
GM450008	8	50	14	10

## GM 95



**Innesto mini con resca**  
Mini connection with tail  
Schnellkupplungen Mini mit Abschluss

Codice/Code	ØA	L	■
GM950006	6	33	10
GM950008	8	34.5	10

## GM 50



**Giunto mini a calzamento passaparete**  
Mini bulkhead coupler with quick fitting  
Schnellkupplungen Mini

Codice/Code	ØT	CH1	CH	L	■
GM500064	6/4	12	14	58	10
GM500086	8/6	14	17	58	10

# Giunti automatici

Push-in couplings  
Schnellkupplungen

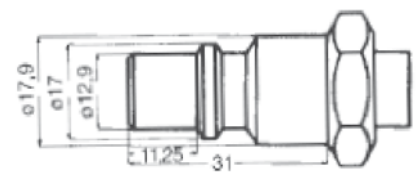
## Dati tecnici dei giunti gigante Italia

Italian giant couplings technical data

Technische Daten der Riesenkupplungen Italien



<b>Fluido</b> Aria compressa	<b>Fluid</b> Compressed air	<b>Fluid</b> Druckluft
<b>Pressione di esercizio</b> Da 0 a 12 Bar	<b>Working pressure</b> From 0 to 12 Bar	<b>Betriebsdruck</b> von 0 bis 12 bar
<b>Portata aria</b> 2500 l/min.	<b>Air flow</b> 2500 l/min.	<b>Luftstrom</b> 2500 l/min.
<b>Materiali</b> Ottone ed acciaio	<b>Materials</b> Brass and steel	<b>Werkstoffen</b> Messing und Stahl
<b>Filettatura</b> BSPP cilindrica da 3/8" a 1/2"	<b>Thread types</b> BSPP cylindrical from 3/8" to 1/2"	<b>Gewinde typ</b> BSPP zylindrisch von 3/8" bis 1/2"



Foro interno d. 9,2 mm  
Internal hole d. 9,2 mm

## GG 10



**Giunto gigante maschio**  
Giant male quick coupler  
Riesenkupplungen

Codice/Code	F"	L	CH	
GG100038	G3/8	62	26	10
GG100012	G1/2	65	26	10

## GG 85



**Innesto portagomma gigante**  
Giant quick plug for rubber hose  
Schlauchtulle Riesenkupplungen

Codice/Code	ØT	L	CH	CH1	
GG851019	10x19	82	22	24	10
GG851020	10x20	82	25	22	10
GG851021	10x21	82	22	25	10
GG851022	10x22	82	26	22	10
GG851023	10x23	82	22	27	10
GG851319	13x19	82	22	24	10
GG851320	13x20	82	22	25	10
GG851321	13x21	82	22	25	10
GG851322	13x22	82	26	22	10
GG851323	13x23	82	22	27	10
GG851324	13x24	82	26	22	10
GG851325	13x25	82	22	30	10

## GG 20



**Giunto gigante femmina**  
Giant female quick coupler  
Riesenkupplungen

Codice/Code	F"	L	CH	
GG200038	G3/8	63	26	10
GG200012	G1/2	65	26	10

## GG 90



**Portagomma maschio gigante**  
Giant male joint rubber tube  
Riesenschlauchtulle

Codice/Code	ØT	F"	L	CH	CH1	
GG901019	10x19	G3/8	59	24	24	10
GG901020	10x20	G3/8	59	24	25	10
GG901021	10x21	G3/8	59	24	25	10
GG901022	10x22	G3/8	59	24	25	10
GG901023	10x23	G3/8	59	24	27	10
GG901019A	10x19	G1/2	62	25	24	10
GG901020A	10x20	G1/2	62	25	24	10
GG901021A	10x21	G1/2	62	25	24	10
GG901022A	10x22	G1/2	62	26	24	10
GG901023A	10x23	G1/2	62	27	24	10
GG901319	13x19	G1/2	62	24	24	10
GG901320	13x20	G1/2	62	24	25	10
GG901321	13x21	G1/2	62	25	24	10
GG901323	13x23	G1/2	62	24	27	10
GG901324	13x24	G1/2	62	24	27	10
GG901325	13x25	G1/2	62	24	30	10

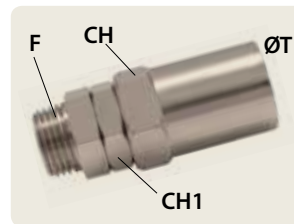
## GG 50



**Giunto gigante portagomma**  
Giant quick coupler for rubber hose  
Schlauchtulle Riesenkupplungen

Codice/Code	ØT	L	CH	CH1	
GG501019	10x19	98	26	24	10
GG501021	10x21	98	26	25	10
GG501022	10x22	98	26	26	10
GG501023	10x23	98	26	27	10
GG501319	13x19	98	26	24	10
GG501320	13x20	98	26	25	10
GG501321	13x21	98	26	25	10
GG501322	13x22	98	26	26	10
GG501323	13x23	98	26	27	10
GG501324	13x24	98	26	26	10
GG501325	13x25	98	26	30	10

## GG 92



**Portagomma maschio girevole gigante**  
Rotating giant male joint rubber tube  
Riesenschlauchtulle

Codice/Code	ØT	F"	CH	CH1	
GG921019	10x19	G1/2	24	24	10
GG921020	10x20	G1/2	24	24	10
GG921021	10x21	G1/2	25	24	10
GG921022	10x22	G1/2	25	24	10
GG921023	10x23	G1/2	27	24	10
GG921319	13x19	G1/2	24	24	10
GG921320	13x20	G1/2	24	24	10
GG921321	13x21	G1/2	25	24	10
GG921323	13x23	G1/2	27	24	10
GG921324	13x24	G1/2	27	24	10
GG921325	13x25	G1/2	30	24	10

## GG 60



**Innesto maschio gigante**  
Giant male plug  
Riesenkupplungen

Codice/Code	F"	L	CH	
GG600038	G3/8	47.5	19	10
GG600012	G1/2	50.5	22	10



# Giunti automatici

Push-in couplings  
Schnellkupplungen

## GG95



### Baionetta e portagomma gigante

Giant bayonet and rubber tube  
Bajonett und Schlauchtülle

Codice/Code	ØT	L	CH	CH1	■
GG951019	10x19	64	22	24	10
GG951020	10x20	64	22	25	10
GG951021	10x21	64	22	25	10
GG951022	10x22	64	22	26	10
GG951023	10x23	64	22	27	10
GG951319	13x19	64	22	24	10
GG951320	13x20	64	22	25	10
GG951321	13x21	64	22	25	10
GG951323	13x23	64	22	27	10
GG951324	13x24	64	22	27	10
GG951325	13x25	64	22	30	10

## GG97



### Dado fresato maschio gigante

Giant male nut milled  
Riesenmutter

Codice/Code	F"	L	CH	■
GG970038	G3/8	44	22	10
GG970012	G1/2	45	22	10

## GG96



### Dado fresato gigante

Giant milled nut  
Riesenmutter

Codice/Code	F"	L	■
GG960012	G1/2	28	10

## GG98



### Unione dadi fresati giganti

Giant linear joint nuts milled  
Riesenmuttergruppe

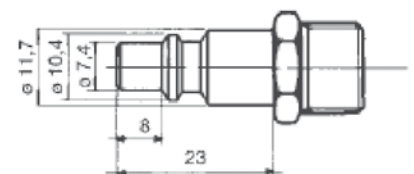
Codice/Code	F"	L	CH	■
GG980012	G1/2	63	22	10

## Dati tecnici dei giunti Italia

Italian couplings technical data  
Technische Daten der Kupplungen Italien



<b>Fluido</b> Aria compressa	<b>Fluid</b> Compressed air	<b>Fluid</b> Druckluft
<b>Pressione di esercizio</b> Da 0 a 12 Bar	<b>Working pressure</b> From 0 to 12 Bar	<b>Betriebsdruck</b> Von 0 bis 12 bar
<b>Portata aria</b> 1600 l/min.	<b>Air flow</b> 1600 l/min.	<b>Luftstrom</b> 1600 l/min.
<b>Materiali</b> Ottone ed acciaio	<b>Materials</b> Brass and steel	<b>Werkstoffen</b> Messing und Stahl
<b>Filettatura</b> BSPP cilindrica da 1/8" a 1/2"	<b>Thread types</b> BSPP cylindrical from 1/8" to 1/2"	<b>Gewinde typ</b> BSPP zylindrisch von 1/8" bis 1/2"



Foro interno d. 5,0 mm  
Internal hole d. 5,0 mm

## Giunti automatici

Push-in couplings  
Schnellkupplungen

### GN 10



**Giunto Italia maschio**  
Italian male quick coupler  
Kupplungen Italien

Codice/Code	F"	L	CH		
GN100018	G1/8	50	19		10
GN100014	G1/4	52	19		10
GN100038	G3/8	52	19		10
GN100012	G1/2	55.5	22		10

### GN 50



**Giunto Italia portagomma**  
Italian quick coupler for rubber hose  
Schlauchtulle Kupplungen Italien

Codice/Code	ØT	L	CH	CH1	
GN500610	6x10	70	19	15	10
GN500612	6x12	70	19	15	10
GN500613	6x13	70	19	16	10
GN500614	6x14	70	19	17	10
GN500716	7x16	70	19	19	10
GN500812	8x12	70	19	15	10
GN500813	8x13	70	19	16	10
GN500815	8x15	70	19	18	10
GN500817	8x17	70	19	20	10
GN501015	10x15	76	19	18	10
GN501017	10x17	76	19	20	10
GN501019	10x19	76	19	22	10

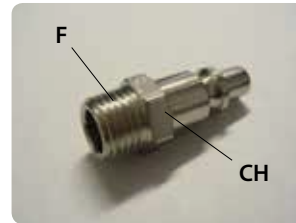
### GN 20



**Giunto Italia femmina**  
Giant female quick coupler  
Kupplungen Italien

Codice/Code	F"	L	CH		
GN200018	G1/8	52	19		10
GN200014	G1/4	52	19		10
GN200038	G3/8	55	19		10
GN200012	G1/2	55	25		10

### GN 60



**Innesto maschio Italia**  
Italian male connection  
Kupplungen Italien

Codice/Code	F"	L	CH		
GN600018	G1/8	34.5	13		10
GN600014	G1/4	38	14		10
GN600038	G3/8	38.5	17		10
GN600012	G1/2	42	22		10

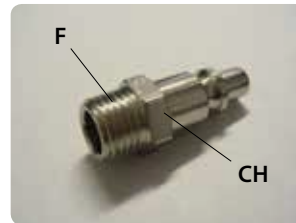
### GN 30



**Giunto Italia con molla**  
Italian female quick coupler  
Kupplungen Italien mit Feder

Codice/Code	ØT	L	CH	CH1	
GN300406	4x6	118	19	12	10
GN300508	5x8	140	19	13	10
GN300608	6x8	140	19	13	10
GN306510	6.5x10	140	19	15	10
GN300810	8x10	140	19	15	10
GN300812	8x12	146	19	17	10
GN301012	10x12	146	19	17	10

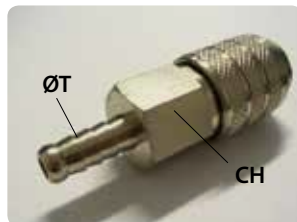
### GN 60T



**Innesto maschio Italia (acciaio)**  
Italian male connection (steel)  
Kupplungen Italien (Edelstahl)

Codice/Code	F"	L	CH		
GN600018T	G1/8	34.5	13		10
GN600014T	G1/4	38	14		10
GN600038T	G3/8	38.5	17		10
GN600012T	G1/2	42	22		10

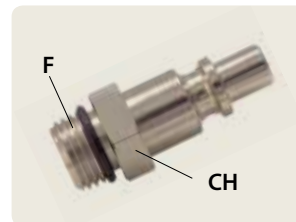
### GN 40



**Giunto Italia con resca**  
Italian quick coupler with tail  
Kupplungen Italien mit Abschluss

Codice/Code	ØT	L	CH		
GN400006	6	60	19		10
GN400007	7	60	19		10
GN400008	8	64	19		10
GN400009	9	64	19		10
GN400010	10	64	19		10
GN400011	11	64	19		10
GN400012	12	64	19		10
GN400013	13	64	19		10
GN400014	14	64	19		10

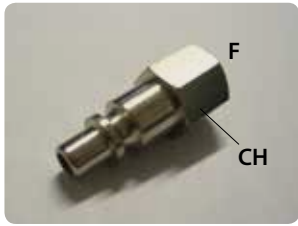
### GN 600R



**Innesto maschio Italia con O-ring**  
Italian male connection with O-ring  
Kupplungen Italien mit O-Ring

Codice/Code	F"	L	CH		
GN6000140R	G1/4	36.5	15		10

## GN70



**Innesto Italia femmina**  
Italian female connection  
Kupplungen Italien

Codice/Code	F"	L	CH		
GN700018	G1/8	29	13		10
GN700014	G1/4	36.5	15		10
GN700038	G3/8	38.5	19		10
GN700012	G1/2	42	25		10

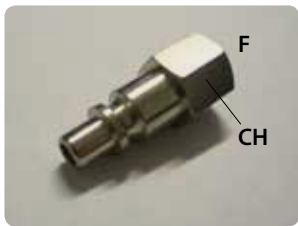
## GN90



**Innesto Italia con resca**  
Italian connection with tail  
Kupplungen Italien mit Abschluss

Codice/Code	ØT	L			
GN900006	6	42			10
GN900007	7	42			10
GN900008	8	45			10
GN900010	10	45			10
GN900012	12	48			10

## GN70T



**Innesto Italia femmina (acciaio)**  
Italian female connection (steel)  
Kupplungen Italien (Edelstahl)

Codice/Code	F"	L	CH		
GN700018T	G1/8	29	13		10
GN700014T	G1/4	36.5	15		10
GN700038T	G3/8	38.5	19		10

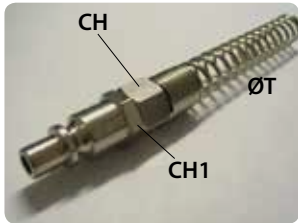
## GN95



**Innesto Italia baionetta**  
Italian bayonet connection  
Kupplungen Italien mit Bajonett

Codice/Code	L				
GN950000	35.5				10

## GN80



**Innesto Italia con molla**  
Italian spring connection  
Kupplungen Italien mit Feder

Codice/Code	F"	L	CH	CH1	
GN800406	4x6	100	13	12	10
GN800508	5x8	120	13	13	10
GN800608	6x8	120	13	13	10
GN806510	6.5x10	120	13	15	10
GN800810	8x10	120	13	15	10
GN800812	8x12	125	15	17	10
GN801012	10x12	125	15	17	10

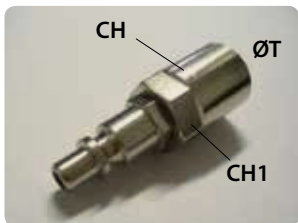
## GN97



**Innesto Italia con dado fresato**  
Italian connection with milled nut  
Kupplungen Italien mit Mutter

Codice/Code	L				
GN970000	46				10

## GN85



**Innesto Italia portagomma**  
Italian connection for rubber tube  
Schlauchtulle Kupplungen Italien

Codice/Code	ØT	L	CH	CH1	
GN850610	6x10	55	13	15	10
GN850612	6x12	55	13	15	10
GN850613	6x13	55	13	16	10
GN850614	6x14	55	13	17	10
GN850716	7x16	55	13	19	10
GN850812	8x12	55	13	15	10
GN850813	8x13	55	13	16	10
GN850815	8x15	55	13	18	10
GN850817	8x17	55	13	20	10
GN851015	10x15	58	13	18	10
GN851017	10x17	58	13	20	10
GN851019	10x19	58	13	22	10

# Giunti automatici

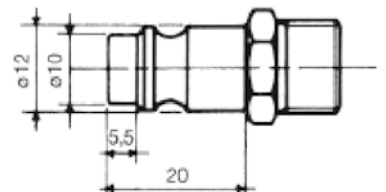
Push-in couplings  
Schnellkupplungen

## Dati tecnici dei giunti Germania

German couplings technical data  
Technische Daten der Kupplungen Deutschland



<b>Fluido</b> Aria compressa	<b>Fluid</b> Compressed air	<b>Fluid</b> Druckluft
<b>Pressione di esercizio</b> Da 0 a 12 Bar	<b>Working pressure</b> From 0 to 12 Bar	<b>Betriebsdruck</b> Von 0 bis 12 bar
<b>Portata aria</b> 2000 l/min.	<b>Air flow</b> 2000 l/min.	<b>Luftstrom</b> 2000 l/min.
<b>Materiali</b> Ottone ed acciaio	<b>Materials</b> Brass and steel	<b>Werkstoffen</b> Messing und Stahl
<b>Filettatura</b> BSPP cilindrica da 1/4" a 1/2"	<b>Thread types</b> BSPP cylindrical from 1/4 to 1/2"	<b>Gewinde typ</b> BSPP zylindrisch von 1/4" bis 1/2"



Foro interno d. 7,0 mm  
Internal hole d. 7,0 mm

## GD 10



**Giunto Germania maschio**  
German male quick coupler  
Kupplungen Deutschland

Codice/Code	F"	L	CH		
GD100014	G1/4	52	19		10
GD100038	G3/8	52	19		10
GD100012	G1/2	55.5	22		10

## GD 60



**Innesto maschio Germania**  
German male connection  
Kupplungen Deutschland

Codice/Code	F"	L	CH		
GD600014	G1/4	33.5	14		10
GD600038	G3/8	35.5	17		10
GD600012	G1/2	38	22		10

## GD 20



**Giunto Germania femmina**  
German female quick coupler  
Kupplungen Deutschland

Codice/Code	F"	L	CH		
GD200014	G1/4	52	19		10
GD200038	G3/8	55	19		10
GD200012	G1/2	55	25		10

## GD 60T



**Innesto maschio Germania (acciaio)**  
German male connection (steel)  
Kupplungen Deutschland (Edelstahl)

Codice/Code	F"	L	CH		
GD600014T	G1/4	33.5	14		10
GD600038T	G3/8	35.5	17		10
GD600012T	G1/2	38	22		10

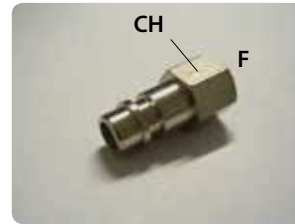
## GD 30



**Giunto Germania con molla**  
German quick coupler with spring  
Kupplungen Deutschland mit Feder

Codice/Code	ØT	L	CH	CH1	
GD300406	4x6	118	19	12	10
GD300508	5x8	140	19	13	10
GD300608	6x8	140	19	13	10
GD306510	6.5x10	140	19	15	10
GD300810	8x10	140	19	15	10
GD300812	8x12	146	19	17	10
GD301012	10x12	146	19	17	10

## GD 70



**Innesto femmina Germania**  
German female connection  
Kupplungen Deutschland

Codice/Code	F"	L	CH		
GD700014	G1/4	33	15		10
GD700038	G3/8	35	19		10
GD700012	G1/2	38	25		10

## GD 40



**Giunto Germania con resca**  
German quick coupler with tail  
Kupplungen Deutschland mit Abschluss

Codice/Code	ØT	L	CH		
GD400006	6	60	19		10
GD400007	7	60	19		10
GD400008	8	64	19		10
GD400009	9	64	19		10
GD400010	10	64	19		10
GD400011	11	64	19		10
GD400012	12	64	19		10
GD400013	13	64	19		10
GD400014	14	64	19		10

## GD 80



**Innesto Germania con molla**  
German spring connection  
Kupplungen Deutschland mit Feder

Codice/Code	ØT	L	CH	CH1	
GD800406	4x6	96	13	12	10
GD800508	5x8	120	13	13	10
GD800608	6x8	120	13	13	10
GD806510	6.5x10	120	15	13	10
GD800810	8x10	120	13	15	10
GD800812	8x12	125	15	17	10
GD801012	10x12	125	15	17	10

## GD 50



**Giunto Germania portagomma**  
German quick coupler for rubber tube  
Schlauchtulle Kupplungen Deutschland

Codice/Code	ØT	L	CH	CH1	
GD500610	6x10	70	19	15	10
GD500612	6x12	70	19	15	10
GD500614	6x14	70	19	17	10
GD500812	8x12	70	19	15	10
GD500817	8x17	70	19	20	10
GD501019	10x19	76	19	22	10

## GD 85



**Innesto Germania portagomma**  
German connection for rubber tube  
Schlauchtulle Kupplungen Deutschland

Codice/Code	ØT	L	CH	CH1	
GD850610	6x10	50	15	13	10
GD850612	6x12	50	15	15	10
GD850614	6x14	50	17	17	10
GD850812	8x12	50	15	13	10
GD850813	8x13	50	16	13	10
GD850817	8x17	50	13	20	10
GD851019	10x19	54	13	22	10



# Giunti automatici

Push-in couplings  
Schnellkupplungen

## GD90



### Innesto Germania con resca

German connection with tail  
Kupplungen Deutschland mit Abschluss

Codice/Code	ØT	L			
GD900006	6	40			10
GD900007	7	40			10
GD900008	8	41			10
GD900009	9	41			10
GD900010	10	41			10
GD900012	12	42			10
GD900013	13	42			10

## GD97



### Innesto Germania con dado fresato

German connection with milled nut  
Kupplungen Deutschland mit Mutter

Codice/Code	L				
GD970000	44				10

## GD95



### Innesto Germania baionetta

German bayonet connection  
Kupplungen Deutschland mit Bajonett

Codice/Code	L				
GD950000	30				10

## Dati tecnici dei giunti universali in ottone

Brass universal couplings technical data

Technische Daten der Universal Kupplungen Messing



<b>Fluido</b> Aria compressa	<b>Fluid</b> Compressed air	<b>Fluid</b> Druckluft
<b>Pressione max di esercizio</b> 16 Bar	<b>Working pressure</b> 16 Bar	<b>Maximal Betriebsdruck</b> 16 Bar
<b>Portata</b> 2000 l/min. a 6 bar	<b>Flow rate</b> 2000 l/min. at 6 bar	<b>Durchfluss</b> 2000 l/min. am 6 bar
<b>Temperatura d'esercizio</b> -15°C ÷ +80°C	<b>Working temperature</b> 5°F ÷ 176°F	<b>Betriebstemperatur</b> -15°C ÷ +80°C
<b>Filetti</b> Filettatura da 1/8" a 1/2"	<b>Thread</b> Threads from 1/8 to 1/2"	<b>Gewinde</b> Gewinde von 1/8" bis 1/2"

# Giunti automatici

## Push-in couplings

## Schnellkupplungen

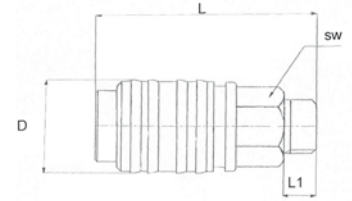
### GT 10



#### Giunto universale attacco maschio

Universal male quick coupler  
Universal Kupplungen

Codice/Code	misura/size	L	D	L1	SW		
GT100018	G 1/8	52	23	7	17		10
GT100014	G 1/4	52	23	7.5	17		10
GT100038	G 3/8	50	23	9	17		10
GT100012	G 1/2	49	23	10.5	22		10



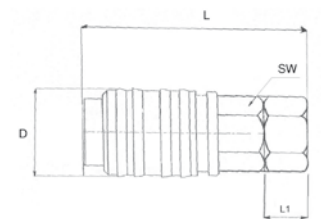
### GT 20



#### Giunto universale attacco femmina

Universal female quick coupler  
Universal Kupplungen

Codice/Code	misura/size	L	D	L1	SW		
GT200018	G 1/8	53	23	10	17		10
GT200014	G 1/4	53	23	10	17		10
GT200038	G 3/8	54	23	11	19		10
GT200012	G 1/2	54	23	11	24		10



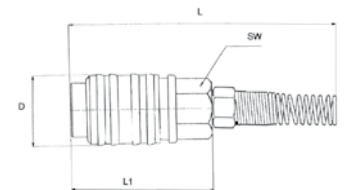
### GT 30



#### Giunto universale con molla

Universal quick coupler with spring  
Universal Kupplungen mit Feder

Codice/Code	misura/size	L	D	L1	SW		
GT300406	4x6	130	23	45	17		10
GT305508	5,5x8	150	23	45	17		10
GT300608	6x8	145	23	45	17		10
GT306510	6,5x10	154	23	45	17		10
GT300810	8x10	148	23	45	17		10
GT301012	10x12	148	23	45	17		10



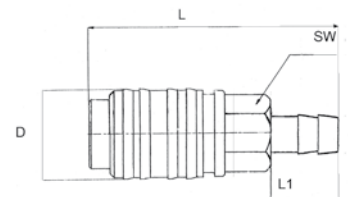
### GT 40



#### Giunto universale con resca

Universal quick coupler with tail  
Universal Kupplungen mit Abschluss

Codice/Code	misura/size	L	D	L1	SW		
GT400006	6	58	23	12	17		10
GT400008	8	64	23	19	17		10
GT400010	10	64	23	19	17		10
GT400012	12	64	23	19	17		10



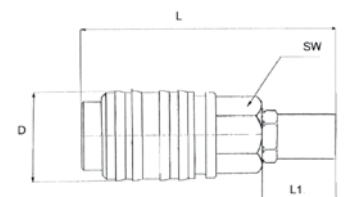
### GT 50



#### Giunto universale portagomma

Universal quick coupler rubber hose  
Schlauchtülle Universal Kupplungen

Codice/Code	misura/size	L	D	L1	SW		
GT500610	6x10	74	23	26	17		10
GT500614	6x14	73	23	28	17		10
GT500615	6x15	73	23	28	17		10
GT500716	7x16	74	23	29	17		10
GT500812	8x12	73	23	26	17		10
GT500817	8x17	74	23	29	17		10
GT501017	10x17	74	23	29	17		10
GT501019	10x19	74	23	29	17		10



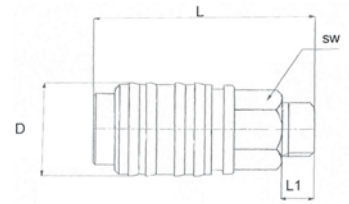
## GT 10G



### Giunto universale attacco maschio

Universal male quick coupler  
Universal Kupplungen

Codice/Code	misura/size	L	D	L1	SW		
GT100018G	G1/8	52	23	7	17		10
GT100014G	G1/4	52	23	7.5	17		10
GT100038G	G3/8	50	23	9	17		10
GT100012G	G1/2	49	23	10.5	22		10



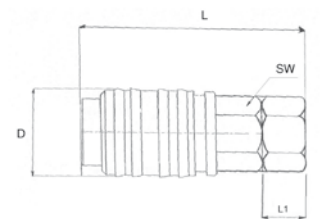
## GT 20G



### Giunto universale attacco femmina

Universal female quick coupler  
Universal Kupplungen

Codice/Code	misura/size	L	D	L1	SW		
GT200018G	G1/8	53	23	10	17		10
GT200014G	G1/4	53	23	10	17		10
GT200038G	G3/8	54	23	11	19		10
GT200012G	G1/2	54	23	11	24		10



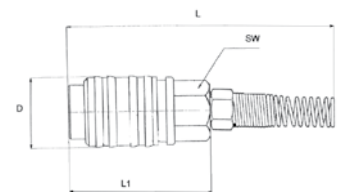
## GT 30G



### Giunto universale con molla

Universal quick coupler with spring  
Universal Kupplungen mit Feder

Codice/Code	misura/size	L	D	L1	SW		
GT300406G	4x6	130	23	45	17		10
GT305508G	5,5x8	150	23	45	17		10
GT300608G	6x8	145	23	45	17		10
GT306510G	6,5x10	154	23	45	17		10
GT300810G	8x10	148	23	45	17		10
GT301012G	10x12	148	23	45	17		10



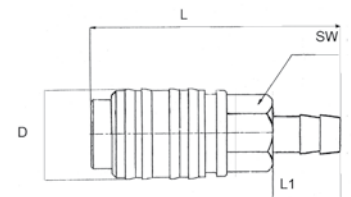
## GT 40G



### Giunto universale con resca

Universal quick coupler with tail  
Universal Kupplungen mit Abschluss

Codice/Code	misura/size	L	D	L1	SW		
GT400006G	6	58	23	12	17		10
GT400008G	8	64	23	19	17		10
GT400010G	10	64	23	19	17		10
GT400012G	12	64	23	19	17		10



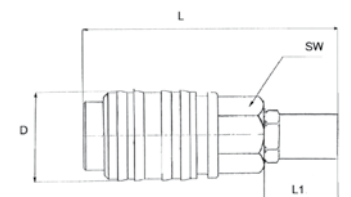
## GT 50G



### Giunto universale portagomma

Universal quick coupler rubber hose  
Schlauchtulle Universal Kupplungen

Codice/Code	misura/size	L	D	L1	SW		
GT500610G	6x10	74	23	26	17		10
GT500614G	6x14	73	23	28	17		10
GT500615G	6x15	73	23	28	17		10
GT500716G	7x16	74	23	29	17		10
GT500812G	8x12	73	23	26	17		10
GT500817G	8x17	74	23	29	17		10
GT501017G	10x17	74	23	29	17		10
GT501019G	10x19	74	23	29	17		10



## Giunti automatici

Push-in couplings  
Schnellkupplungen

### Dati tecnici dei giunti universali

Universal couplings technical data

Technische Daten der Universal Kupplungen



<b>Fluido</b> Aria compressa	<b>Fluid</b> Compressed air	<b>Fluid</b> Druckluft
<b>Pressione di esercizio</b> da 0 a 12 Bar	<b>Working pressure</b> from 0 to 12 Bar	<b>Betriebsdruck</b> von 0 bis 12 bar
<b>Portata</b> 2000 l/min.	<b>Air flow</b> 2000 l/min.	<b>Luftstrom</b> 2000 l/min.
<b>Materiali</b> Ottone e acciaio	<b>Materials</b> Brass and steel	<b>Werkstoffen</b> Messing und Stahl
<b>Filettatura</b> BSPP cilindrica da 1/8" a 1/2"	<b>Thread types</b> BSPP cylindrical from 1/8" to 1/2"	<b>Gewinde typ</b> BSPP zylindrisch von 1/8" bis 1/2"

### GU 10



#### Giunto universale maschio

Universal male quick coupler  
Universal Kupplungen

Codice/Code	F"	L	CH		
GU100018	G1/8	50	19		10
GU100014	G1/4	52	19		10
GU100038	G3/8	52	19		10
GU100012	G1/2	55.5	22		10

### GU 40



#### Giunto universale con resca

Universal quick coupler with tail  
Universal Kupplungen mit Abschluss

Codice/Code	ØT	L	CH		
GU400006	6	60	19		10
GU400007	7	60	19		10
GU400008	8	64	19		10
GU400009	9	64	19		10
GU400010	10	64	19		10
GU400011	11	64	19		10
GU400012	12	64	19		10
GU400013	13	65	19		10
GU400014	14	65	19		10

### GU 20



#### Giunto universale femmina

Universal female quick coupler  
Universal Kupplungen

Codice/Code	F"	L	CH		
GU200018	G1/8	52	19		10
GU200014	G1/4	52	19		10
GU200038	G3/8	55	19		10
GU200012	G1/2	55	25		10

### GU 50



#### Giunto universale portagomma

Universal quick coupler for rubber tube  
Schlauchtulle Universal Kupplungen

Codice/Code	ØT	L	CH	CH1	
GU500610	6X10	70	19	15	10
GU500612	6X12	70	19	15	10
GU500613	6X13	70	19	16	10
GU500614	6X14	70	19	17	10
GU500716	7X16	70	19	19	10
GU500812	8X12	70	19	15	10
GU500813	8X13	70	19	16	10
GU500814	8X14	70	19	17	10
GU500815	8X15	70	19	18	10
GU500817	8X17	70	19	20	10
GU501015	10X15	76	19	18	10
GU501017	10X17	76	19	20	10
GU501019	10X19	76	19	22	10

### GU 30



#### Giunto universale con molla

Universal quick coupler with spring  
Universal Kupplungen mit Feder

Codice/Code	ØT	L	CH	CH1	
GU300406	4x6	118	19	12	10
GU300508	5x8	140	19	13	10
GU300608	6x8	140	19	13	10
GU306510	6.5x10	140	19	15	10
GU300810	8x10	140	19	15	10
GU300812	8x12	140	19	17	10
GU301012	12X10	146	19	17	10

## Dati tecnici dei giunti universali a 6 sfere

6 balls universal couplings technical data

Technische Daten der Universal Kupplungen 6 Kugeln



<b>Fluid</b> Aria compressa	<b>Fluid</b> Compressed air	<b>Fluid</b> Druckluft
<b>Pressione di esercizio</b> da 0 a 12 Bar	<b>Working pressure</b> from 0 to 12 Bar	<b>Betriebsdruck</b> von 0 bis 12 bar
<b>Temperatura d'esercizio</b> da -15 a 70 °C	<b>Temperature range</b> from 5 a 158 °C	<b>Luftstrom</b> von -15 bis 70 °C
<b>Materiali</b> Acciaio e polimero	<b>Materials</b> Steel and polymer	<b>Werkstoffen</b> Stahl und Polymer
<b>Filettatura</b> BSPP cilindrica da 1/4" a 1/2"	<b>Thread types</b> BSPP cylindrical from 1/4" to 1/2"	<b>Gewinde typ</b> BSPP zylindrisch von 1/4" bis 1/2"

### GP 10



**Giunto universale maschio 6 sfere**  
Universal male quick coupler with 6 steel balls  
Universal Kupplungen 6 Edelstahlkugel

Codice/Code	F"	L	CH	CH1	■
GP100014	G1/4	51	20	18	10
GP100038	G3/8	51	20	18	10
GP100012	G1/2	51	20	18	10

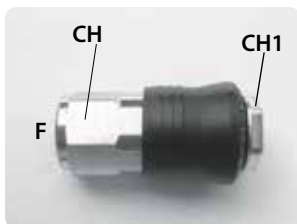
### GP 40



**Giunto universale con resca 6 sfere**  
Universal quick coupler with tail and 6 steel balls  
Universal Kupplungen 6 Edelstahlkugel  
mit Abschluss

Codice/Code	ØT	L	CH	CH1	■
GP400006	6	64	20	18	10
GP400007	7	64	20	18	10
GP400008	8	64	20	18	10
GP400009	9	64	20	18	10
GP400010	10	64	20	18	10
GP400012	12	64	20	18	10

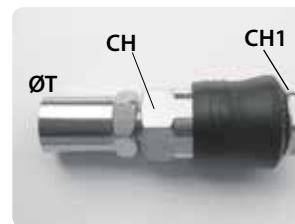
### GP 20



**Giunto universale femmina 6 sfere**  
Universal female quick coupler with 6 steel balls  
Universal Kupplungen 6 Edelstahlkugel

Codice/Code	F"	L	CH	CH1	■
GP200014	G1/4	51	20	18	10
GP200038	G3/8	51	20	18	10
GP200012	G1/2	51	20	18	10

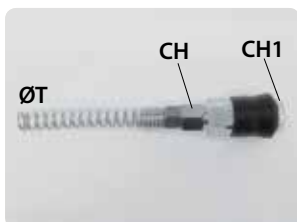
### GP 50



**Giunto universale portagomma 6 sfere**  
Universal quick coupler for rubber tube with 6 steel balls  
Schlauchtulle Universal Kupplungen  
6 Edelstahlkugel

Codice/Code	ØT	L	CH	CH1	■
GP500614	6x14	67	20/17	18	10
GP500817	8x17	67	20/20	18	10

### GP 30



**Giunto universale con molla 6 sfere**  
Universal quick coupler with spring and 6 steel balls  
Universal Kupplungen 6 Edelstahlkugel  
mit Feder

Codice/Code	ØT	L	CH	CH1	■
GP300608	6x8	135	20	18	10
GP300810	8x10	135	20	18	10



## Giunti automatici Push-in couplings Schnellkupplungen

### Dati tecnici dei giunti universali con sicurezza

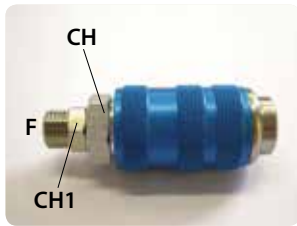
Safety universal couplings technical data

Technische Daten der Universal Kupplungen mit Sicherung



<b>Fluido</b> Aria compressa	<b>Fluid</b> Compressed air	<b>Fluid</b> Druckluft
<b>Pressione di esercizio</b> da 0 a 12 Bar	<b>Working pressure</b> from 0 to 12 Bar	<b>Betriebsdruck</b> von 0 bis 12 bar
<b>Portata aria</b> 2000 l/min.	<b>Air flow</b> 2000 l/min.	<b>Luftstrom</b> 2000 l/min.
<b>Materiali</b> Ottone ed acciaio	<b>Materials</b> Brass and steel	<b>Werkstoffen</b> Messing und Stahl
<b>Filettatura</b> BSPP cilindrica da 1/8" a 1/2"	<b>Thread types</b> BSPP cylindrical from 1/8" to 1/2"	<b>Gewinde typ</b> BSPP zylindrisch von 1/8" bis 1/2"

### GS 10

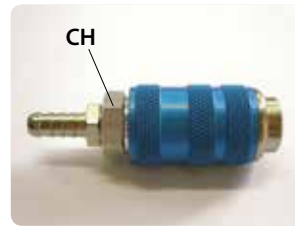


#### Giunto universale maschio con sicurezza

Universal safety male coupler  
Universal Kupplungen mit Sicherung

Codice/Code	F"	L	CH	CH1	📦
GS100014	G1/4	71	20	14	10
GS100038	G3/8	73	20	19	10
GS100012	G1/2	76	20	24	10

### GS 40



#### Giunto universale con resca e sicurezza

Universal safety coupler with tail  
Universal Kupplungen  
mit Sicherung und Abschluss

Codice/Code	ØT	L	CH	📦
GS400006	6	82	20	10
GS400007	7	82	20	10
GS400008	8	83	20	10
GS400009	9	83	20	10
GS400010	10	83	20	10
GS400011	11	83	20	10
GS400012	12	83	20	10
GS400013	13	83	20	10
GS400014	14	83	20	10

### GS 20



#### Giunto universale femmina con sicurezza

Universal safety female coupler  
Universal Kupplungen mit Sicherung

Codice/Code	F"	L	CH	📦
GS200014	G1/4	58	20	10
GS200038	G3/8	72	20	10
GS200012	G1/2	75	20	10

### GS 50

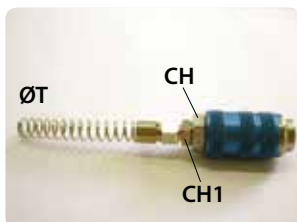


#### Giunto universale portagomma e sicurezza

Universal safety coupler for rubber hose  
Schlauchtulle Universal Kupplungen  
mit Sicherung

Codice/Code	ØT	L	CH	CH1	📦
GS500614	6x14	90	20	17	10
GS500817	8x17	90	20	20	10
GS501019	10x19	95	20	22	10

### GS 30



#### Giunto universale con molla e sicurezza

Universal safety coupler with spring  
Universal Kupplungen mit Sicherung und Feder

Codice/Code	ØT	L	CH	CH1	📦
GS300406	4x6	150	20	12	10
GS300508	5x8	160	20	13	10
GS300608	6x8	160	20	13	10
GS306510	6.5x10	160	20	15	10
GS300810	8x10	160	20	15	10
GS300812	8x12	160	20	17	10
GS301012	12x10	160	20	17	10

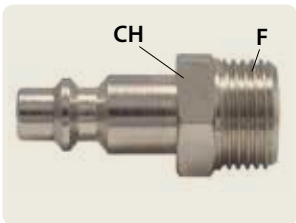
## Dati tecnici degli innesti America

America couplings technical data  
Technische Daten der Kupplungen America



<b>Fluido</b> Aria compressa	<b>Fluid</b> Compressed air	<b>Fluid</b> Druckluft
<b>Pressione di esercizio</b> da 0 a 12 Bar	<b>Working pressure</b> from 0 to 12 Bar	<b>Betriebsdruck</b> von 0 bis 12 bar
<b>Portata aria</b> 1600 l/min.	<b>Air flow</b> 1600 l/min.	<b>Luftstrom</b> 1600 l/min.
<b>Materiali</b> Acciaio	<b>Materials</b> Steel	<b>Werkstoffen</b> Stahl
<b>Filettatura</b> BSPP cilindrica da 1/8" a 1/2"	<b>Thread types</b> BSPP cylindrical from 1/8" to 1/2"	<b>Gewinde typ</b> BSPP zylindrisch von 1/8" bis 1/2"

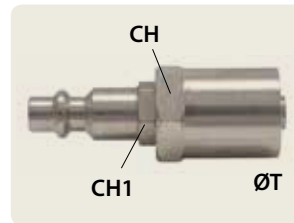
### GA60



**Innesto maschio America**  
American male connection  
Kupplungen America

Codice/Code	F"	L	CH		
GA600014	G1/4	37	14		10
GA600038	G3/8	39	17		10
GA600012	G1/2	42	22		10

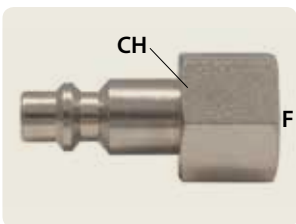
### GA85



**Innesto America portagomma**  
American connection with tail  
Schlauchtülle Kupplungen America

Codice/Code	ØT	L	CH	CH1	
GA850610	6x10	57	15	13	10
GA850612	6x12	57	15	13	10
GA850614	6x14	57	17	13	10
GA850812	8x12	57	15	13	10
GA850817	8x17	57	20	13	10
GA851019	10x19	59	22	13	10

### GA70



**Innesto femmina America**  
American female connection  
Kupplungen America

Codice/Code	F"	L	CH		
GA700014	G1/4	37.5	15		10
GA700038	G3/8	39	19		10
GA700012	G1/2	42	25		10

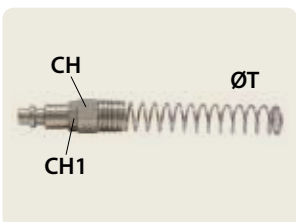
### GA90



**Innesto America con resca**  
American connection for rubber hose  
Kupplungen America mit Abschluss

Codice/Code	ØT	L			
GA900006	6	43			10
GA900007	7	43			10
GA900008	8	45			10
GA900009	9	45			10
GA900010	10	45			10
GA900012	12	45			10
GA900013	13	47			10

### GA80



**Innesto America con molla**  
American connection with spring  
Kupplungen America mit Feder

Codice/Code	ØT	L	CH	CH1	
GA800406	4x6	120	12	13	10
GA800508	5x8	125	13	13	10
GA800608	6x8	125	13	13	10
GA806510	6,5x10	125	15	13	10
GA800810	8x10	125	15	13	10
GA800812	8x12	130	17	15	10
GA801012	10x12	130	17	15	10

# Giunti automatici

Push-in couplings  
Schnellkupplungen

## Dati tecnici degli innesti Svizzera

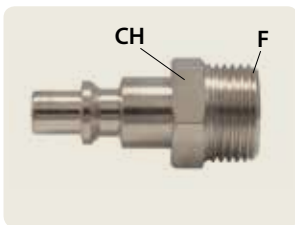
Swiss couplings technical data

Technische Daten der Kupplungen Schweiz



<b>Fluido</b> Aria compressa	<b>Fluid</b> Compressed air	<b>Fluid</b> Druckluft
<b>Pressione di esercizio</b> da 0 a 12 Bar	<b>Working pressure</b> from 0 to 12 Bar	<b>Betriebsdruck</b> von 0 bis 12 bar
<b>Portata aria</b> 1600 l/min.	<b>Air flow</b> 1600 l/min.	<b>Luftstrom</b> 1600 l/min.
<b>Materiali</b> Acciaio	<b>Materials</b> Steel	<b>Werkstoffen</b> Stahl
<b>Filettatura</b> BSPP cilindrica da 1/4" a 1/2"	<b>Thread types</b> BSPP cylindrical from 1/4" to 1/2"	<b>Gewinde typ</b> BSPP zylindrisch von 1/4" bis 1/2"

### GH 60

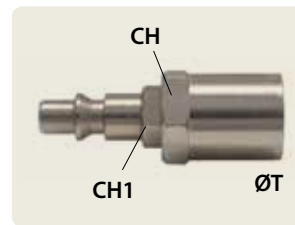


#### Innesto maschio Svizzera

Swiss male connection  
Kupplungen Schweiz

Codice/Code	F"	L	CH		
GH600014	G1/4	37	14		10
GH600038	G3/8	39	17		10
GH600012	G1/2	42	22		10

### GH 85

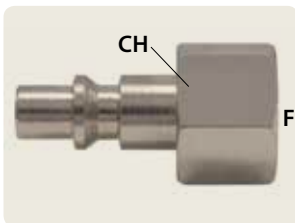


#### Innesto Svizzera portagomma

Swiss connection with tail  
Schlauchtulle Kupplungen Schweiz

Codice/Code	ØT	L	CH	CH1	
GH850610	6x10	57	15	13	10
GH850612	6x12	57	15	13	10
GH850614	6x14	57	17	13	10
GH850812	8x12	57	15	13	10
GH850817	8x17	57	20	13	10
GH851019	10x19	59	22	13	10

### GH 70



#### Innesto femmina Svizzera

Swiss female connection  
Kupplungen Schweiz

Codice/Code	F"	L	CH		
GH700014	G1/4	37.5	15		10
GH700038	G3/8	39	19		10
GH700012	G1/2	42	25		10

### GH 90

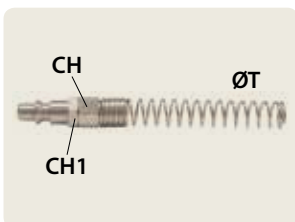


#### Innesto Svizzera con resca

Swiss connection for rubber hose  
Kupplungen Schweiz mit Abschluss

Codice/Code	ØT	L			
GH900006	6	43			10
GH900007	7	43			10
GH900008	8	45			10
GH900009	9	45			10
GH900010	10	45			10
GH900012	12	45			10
GH900013	13	47			10

### GH 80



#### Innesto Svizzera con molla

Swiss connection with spring  
Kupplungen Schweiz mit Feder

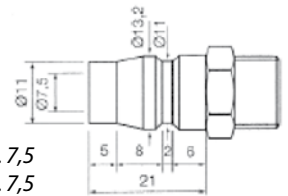
Codice/Code	ØT	L	CH	CH1	
GH800406	4x6	120	12	13	10
GH800508	5x8	125	13	13	10
GH800608	6x8	125	13	13	10
GH806510	6.5x10	125	15	13	10
GH800810	8x10	125	15	13	10
GH800812	8x12	130	17	15	10
GH801012	10x12	130	17	15	10

## Dati tecnici dei giunti Japan

Japan couplings technical data  
Technische Daten der Kupplungen Japan



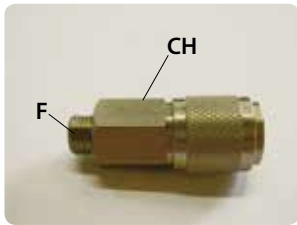
<b>Fluido</b> Aria compressa	<b>Fluid</b> Compressed air	<b>Fluid</b> Druckluft
<b>Pressione di esercizio</b> da 0 a 12 Bar	<b>Working pressure</b> from 0 to 12 Bar	<b>Betriebsdruck</b> von 0 bis 12 bar
<b>Portata aria</b> 2000 l/min.	<b>Air flow</b> 2000 l/min.	<b>Luftstrom</b> 2000 l/min.
<b>Materiali</b> Ottone e acciaio	<b>Materials</b> Brass and steel	<b>Werkstoffen</b> Messing und Stahl
<b>Filettatura</b> BSPP cilindrica da 1/4" a 1/2"	<b>Thread types</b> BSPP cylindrical from 1/4" to 1/2"	<b>Gewinde typ</b> BSPP zylindrisch von 1/4" bis 1/2"



### GJ 10

#### Giunto Japan maschio

Male Japan quick coupler  
Kupplungen Japan

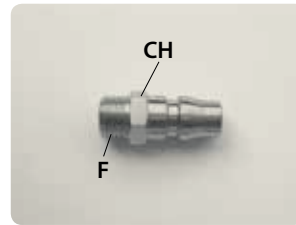


Codice/Code	F"	L	CH	📦
GJ100014	G1/4	59	20	10
GJ100038	G3/8	59	20	10
GJ100012	G1/2	59	22	10

### GJ 60

#### Innesto maschio Japan

Japan male connection  
Kupplungen Japan



Codice/Code	F"	L	CH	📦
GJ600014	G1/4	35	14	10
GJ600038	G3/8	36	17	10
GJ600012	G1/2	38	22	10

### GJ 20

#### Giunto Japan femmina

Female Japan quick coupler  
Kupplungen Japan

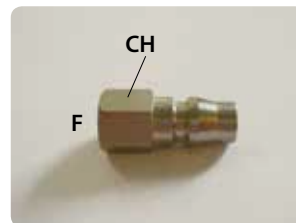


Codice/Code	F"	L	CH	📦
GJ200014	G1/4	62	20	10
GJ200038	G3/8	62	20	10
GJ200012	G1/2	62	25	10

### GJ 70

#### Innesto femmina Japan

Japan female connection  
Kupplungen Japan



Codice/Code	F"	L	CH	📦
GJ700014	G1/4	34.5	15	10
GJ700038	G3/8	35.5	19	10
GJ700012	G1/2	39	25	10

### GJ 40

#### Giunto Japan con resca

Japan quick coupler with tail  
Kupplungen Japan mit Abschluss



Codice/Code	ØT	L	CH	📦
GJ400008	8	70	20	10
GJ400010	10	70	20	10
GJ400012	12	70	20	10

### GJ 90

#### Innesto Japan con resca

Japan connection with tail  
Kupplungen Japan mit Abschluss



Codice/Code	ØT	L	📦
GJ900008	8	42	10
GJ900010	10	42	10
GJ900012	12	42	10

### Dati tecnici dei giunti Japan automatici e semiautomatici (serie JS – JA – JG – JP)

Japan couplings automatic and semi-automatic technical data (JS – JA – JG – JP series)  
Technische Daten der Semi- und Automatischen Kupplungen Japan (serie JS – JA – JG – JP)



<b>Fluido</b> Aria compressa - Olio	<b>Fluid</b> Compressed air - Oil	<b>Fluid</b> Druckluft - Öl
<b>Pressione max di esercizio</b> 15 Bar	<b>Max working pressure</b> 15 Bar	<b>Maximal Betriebsdruck</b> 15 Bar
<b>Materiali</b> Acciaio temprato cromato, guarnizione NBR	<b>Materials</b> Temperated chromated steel, seal NBR	<b>Werkstoffen</b> Gehärtetem Stahl verchromt, Dichtung NBR
<b>Temperatura d'esercizio</b> -20°C ÷ +80°C	<b>Working temperature</b> -4°F ÷ +176°F	<b>Betriebstemperatur</b> -20°C ÷ +80°C
<b>Filettatura</b> BSPT conica da 1/4" a 1"	<b>Thread types</b> BSPT taper from 1/4" to 1"	<b>Gewinde typ</b> BSPT konische von 1/4" bis 1"

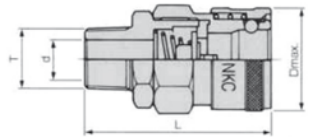
### JS 10



#### Giunto maschio Japan semiautomatico

Semi automatic male Japan coupling  
Semiautomatischen Kupplungen Japan

Codice/Code	T"	L	Dmax	Ød	Peso/Weight	📦
JS100014	R1/4	55,5	Ø 26	7	95	1
JS100038	R3/8	55,5	Ø 26	8	100	1
JS100012	R1/2	59,5	Ø 26	9	110	1



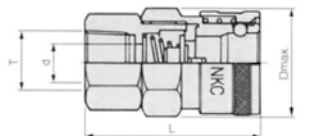
### JS 20



#### Giunto femmina Japan semiautomatico

Semi automatic female Japan coupling  
Semiautomatischen Kupplungen Japan

Codice/Code	T"	L	Dmax	Ød	Peso/Weight	📦
JS200014	Rc1/4	50,5	Ø 26	9	104	1
JS200038	Rc3/8	52,5	Ø 26	9	103	1
JS200012	Rc1/2	55,5	Hex. 29	9	122	1



### JS 40



#### Giunto Japan semiautomatico con resca

Semi automatic Japan coupling with tail  
Semiautomatischen Kupplungen Japan mit Abschluss

Codice/Code	T"	L	Dmax	Ød	Peso/Weight	📦
JS400009	1/4	72,5	Ø 26	5	95	1
JS400011	3/8	76,5	Ø 26	7,5	100	1
JS400015	1/2	78,5	Ø 26	9	110	1



## JS 50

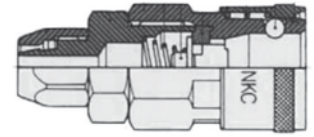


new

### Giunto Japan semiautomatico portagomma

Semi automatic Japan coupling for rubber hose  
Semiautomatischen Schlauchtulle Kupplungen Japan

Codice/Code	inner Ø	outer Ø					
JS506510	6.5	10					1
JS508512	8.5	12.5					1
JS501116	10	15					1



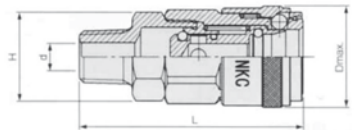
## JA 10



### Giunto maschio Japan automatico

Automatic male Japan coupling  
Automatischen Kupplungen Japan

Codice/Code	T"	L	H	Ød	Dmax	Peso/Weight	
JA100014	R1/4	55	19	7	Ø 25	95	1
JA100038	R3/8	56	19	8	Ø 25	100	1
JA100012	R1/2	59	21	9	Ø 25	120	1



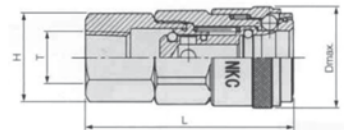
## JA 20



### Giunto femmina Japan automatico

Automatic female Japan coupling  
Automatischen Kupplungen Japan

Codice/Code	T"	L	H	Ød	Dmax	Peso/Weight	
JA200014	Rc 1/4	51	19	9	Ø 25	95	1
JA200038	Rc 3/8	53	21	9	Ø 25	105	1
JA200012	Rc 1/2	55	29	9	Ø 25	132	1



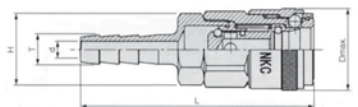
## JA 40



### Giunto Japan automatico con resca

Automatic Japan coupling with tail  
Automatischen Kupplungen Japan mit Abschluss

Codice/Code	T"	L	Dmax	Ød	H	Peso/Weight	
JA400009	1/4	72	Ø 25	5	19	95	1
JA400011	3/8	76	Ø 25	7.5	19	95	1
JA400015	1/2	78	Ø 25	9	19	110	1



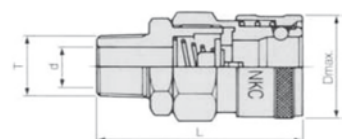
## JG 10



### Giunto maschio gigante Japan semiautomatico

Male giant Japan semi automatic coupling  
Semiautomatischen Riesenkupplungen Japan

Codice/Code	ØT"	L	Dmax	Ød	Peso/Weight	
JG100012	1/2	64	Hex. 32	13	220	1
JG100034	3/4	65	Hex. 32	16	240	1
JG100001	1	67	Hex. 35	16	250	1





# Giunti e innesti Japan

Japan couplings and plugs  
Kupplungen Japan

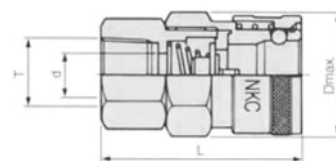
## JG 20



### Giunto femmina gigante Japan semiautomatico

Female giant Japan semi automatic coupling  
Semiautomatischen Riesenkupplungen Japan

Codice/Code	T"	L	Dmax	Ød	Peso/Weight	
<b>JG200012</b>	Rc 1/2	59	Hex. 32	20	225	1
<b>JG200034</b>	Rc 3/4	62	Hex. 35	20	235	1
<b>JG200001</b>	Rc 1	65	Hex. 41	20	260	1



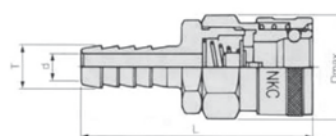
## JG 40



### Giunto gigante Japan semiautomatico con resca

Semi automatic giant Japan coupling with tail  
Semiautomatischen Riesenkupplungen Japan mit Abschluss

Codice/Code	ØT"	L	Dmax	Ød	Peso/Weight	
<b>JG400015</b>	1/2	83	Hex. 32	9	220	1
<b>JG400021</b>	3/4	92	Hex. 32	13	240	1
<b>JG400027</b>	1	102	Hex. 32	19	270	1



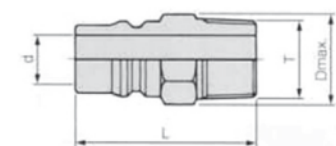
## JG 60



### Innesto maschio gigante Japan

Japan giant male plug  
Riesenkupplungen Japan

Codice/Code	T"	L	Dmax	Ød	Peso/Weight	
<b>JG600012</b>	R1/2	47,5	Ø 21	12,5	70	1
<b>JG600034</b>	R3/4	51	Ø 27	12,5	115	1
<b>JG600001</b>	R1	54	Ø 35	12,5	125	1



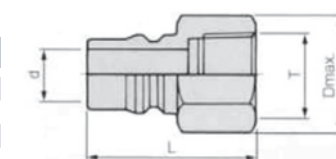
## JG 70



### Innesto femmina gigante Japan

Japan giant female plug  
Riesenkupplungen Japan

Codice/Code	T"	L	Dmax	Ød	Peso/Weight	
<b>JG700012</b>	Rc 1/2	41,5	Hex. 29	12,5	70	1
<b>JG700034</b>	Rc 3/4	45	Hex. 35	12,5	106	1
<b>JG700001</b>	Rc 1	54	Hex. 41	12,5	120	1



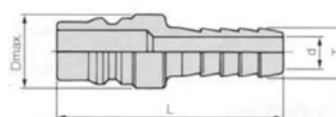
## JG 90



### Innesto gigante Japan con resca

Japan giant plug with tail  
Riesenkupplungen Japan mit Abschluss

Codice/Code	ØT"	L	Dmax	Ød	Peso/Weight	
<b>JG900015</b>	1/2	67,5	Ø 22	9	75	1
<b>JG900021</b>	3/4	76,5	Ø 30	13	122	1
<b>JG900027</b>	1	86,5	Ø 30	18,5	145	1



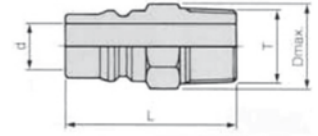
## JP 60



new

**Innesto maschio Japan**  
Japan male plug  
Standardkupplungen Japan

Codice/Code	ØT"	L	Dmax	Ød	Peso/Weight	📦
<b>JP600018</b>	1/8	37	CH 14	7.5	22	1
<b>JP600014</b>	1/4	40	CH 14	7.5	25	1
<b>JP600038</b>	3/8	40	CH 17	7.5	40	1
<b>JP600012</b>	1/2	46	CH 21	7.5	65	1



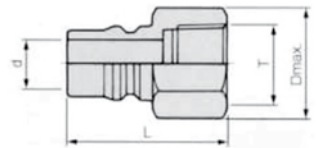
## JP 70



new

**Innesto femmina Japan**  
Japan female plug  
Standardkupplungen Japan

Codice/Code	T"	L	Dmax	Ød	Peso/Weight	📦
<b>JP700018</b>	RC 1/8	32	CH 14	7.5	20	1
<b>JP700014</b>	RC 1/4	36	CH 17	7.5	30	1
<b>JP700038</b>	RC 3/8	38	CH 21	7.5	45	1
<b>JP700012</b>	RC 1/2	41	CH 29	7.5	65	1



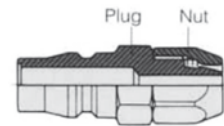
## JP 85



new

**Innesto Japan portagomma**  
Japan plug for rubber hose  
Schlauchtulle Standardkupplungen Japan

Codice/Code	inner Ø	outer Ø				📦
<b>JS856510</b>	6.5	10				1
<b>JS858512</b>	8.5	12.5				1
<b>JP851116</b>	10	15				1



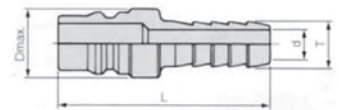
## JP 90



new

**Innesto Japan con resca**  
Japan plug with tail  
Standardkupplungen Japan mit Abschluss

Codice/Code	ØT"	L	Dmax	Ød	Peso/Weight	📦
<b>JP900007</b>	1/8	46	CH 14	7.5	20	1
<b>JP900009</b>	1/4	57	CH 16	7.5	27	1
<b>JP900011</b>	3/8	61	CH 16	7.5	35	1
<b>JP900015</b>	1/2	63	CH 18	9	50	1



## Raccordi per spirale

Coils fittings  
Spiralefedern

### AM60

Attacco maschio fisso con molla  
Fixed male spring  
Spiralefedern



Codice/Code	T	F"	L	CH	CH1	📄
AM60140406	4x6	1/4	85	14	12	10
AM60140508	5x8	1/4	115	14	13	10
AM60140608	6x8	1/4	115	14	13	10
AM60146510	6.5x10	1/4	115	14	15	10
AM60140810	8x10	1/4	115	14	15	10
AM60140812	8x12	1/4	120	15	17	10
AM60141012	10x12	1/4	120	15	17	10
AM60380608	6x8	3/8	110	17	13	10
AM60380810	8x10	3/8	110	17	15	10
AM60381012	10x12	3/8	120	17	17	10

### AM75

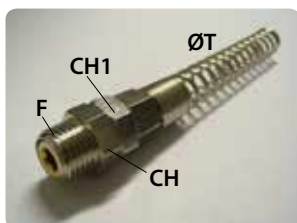
Attacco femmina girevole con molla  
Rotating female spring  
Spiralefedern



Codice/Code	T	F"	L	CH	CH1	📄
AM75140406	4x6	1/4	110	15	12	10
AM75140508	5x8	1/4	120	15	13	10
AM75140608	6x8	1/4	120	15	13	10
AM75146510	6.5x10	1/4	120	15	15	10
AM75140810	8x10	1/4	120	15	15	10
AM75140812	8x12	1/4	120	15	17	10
AM75141012	10x12	1/4	120	15	17	10
AM75380508	5x8	3/8	120	19	13	10
AM75380608	6x8	3/8	120	19	13	10
AM75386510	6.5x10	3/8	120	19	15	10
AM75380810	8x10	3/8	120	19	15	10
AM75380812	8x12	3/8	120	19	17	10
AM75381012	10x12	3/8	120	19	17	10

### AM65

Attacco maschio girevole con molla  
Rotating male spring  
Spiralefedern



Codice/Code	T	F"	L	CH	CH1	📄
AM65140406	4x6	1/4	110	15	12	10
AM65140508	5x8	1/4	115	15	13	10
AM65140608	6x8	1/4	115	15	13	10
AM65146510	6.5x10	1/4	115	15	15	10
AM65140810	8x10	1/4	115	15	15	10
AM65140812	8x12	1/4	120	15	17	10
AM65141012	10x12	1/4	115	15	17	10
AM65380508	5x8	3/8	105	17	13	10
AM65380608	6x8	3/8	105	17	13	10
AM65386510	6.5x10	3/8	105	17	15	10
AM65380810	8x10	3/8	105	17	15	10
AM65380812	8x12	3/8	120	17	17	10
AM65381012	10x12	3/8	110	17	17	10

### AM80

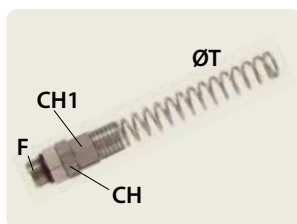
Attacco baionetta con molla  
Bayonet with spring  
Spiralefedern



Codice/Code	T	L	CH	CH1	📄
AM80140406	4x6	100	15	12	10
AM80140608	6x8	110	15	13	10
AM80140810	8x10	110	15	15	10
AM80141012	10x12	120	15	17	10

### AM67

Attacco maschio con O-ring girev. con molla  
Rotating male spring with O-ring  
Spiralefedern mit O-Ring



Codice/Code	T	F"	L	CH	CH1	📄
AM67140406	4x6	1/4	110	15	12	10
AM67140508	5x8	1/4	110	15	13	10
AM67140608	6x8	1/4	110	15	13	10
AM67146510	6.5x10	1/4	110	15	15	10
AM67140810	8x10	1/4	110	15	15	10
AM67140812	8x12	1/4	115	15	17	10
AM67141012	10x12	1/4	115	15	17	10

### AM85

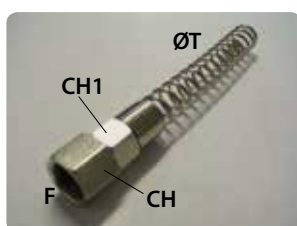
Attacco baionetta girevole con molla  
Rotating bayonet with spring  
Spiralefedern



Codice/Code	T	L	CH	CH1	📄
AM85140406	4x6	100	15	12	10
AM85140508	5x8	110	15	13	10
AM85140608	6x8	110	15	13	10
AM85146510	6.5x10	110	15	15	10
AM85140810	8x10	110	15	15	10
AM85140812	8x12	110	15	17	10
AM85141012	10x12	120	16	17	10

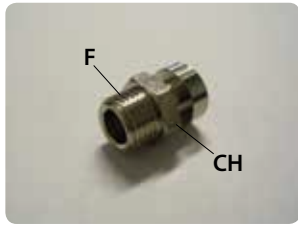
### AM70

Attacco femmina con molla  
Fixed female spring  
Spiralefedern



Codice/Code	T	F"	L	CH	CH1	📄
AM70140406	4x6	1/4	110	15	12	10
AM70140508	5x8	1/4	120	15	13	10
AM70140608	6x8	1/4	120	15	13	10
AM70146510	6.5x10	1/4	120	15	15	10
AM70140810	8x10	1/4	120	15	15	10
AM70140812	8x12	1/4	130	15	17	10
AM70141012	10x12	1/4	130	15	17	10

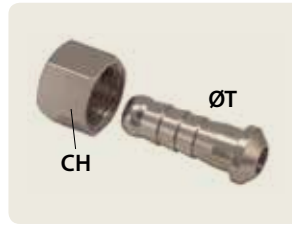
## AG 10



**Attacco baionetta maschio**  
Male bayonet  
Kupplung mit Bajonett

Codice/Code	F"	L	CH		
AG100018	1/8	21	15		10
AG100014	1/4	23	15		10
AG100038	3/8	24	17		10

## AG 32



**Attacco resca girev. filetto femmina 1/4**  
Swiveling rest female thread 1/4  
Drehkupplung mit Abschluss

Codice/Code	T"	L	CH		
AG320006	6	34	15		10
AG320007	7	34	15		10
AG320008	8	34	15		10

## AG 20



**Attacco baionetta femmina**  
Female bayonet  
Kupplung mit Bajonett

Codice/Code	F"	L	CH		
AG200018	1/8	22	15		10
AG200014	1/4	24	15		10
AG200038	3/8	26	19		10

## AG 35



**Portagomma maschio**  
Male joint rubber tube  
Schlauchtülle

Codice/Code	T	F"	L	CH	CH1	
AG35140610	6x10	1/4	40	14	15	10
AG35140612	6x12	1/4	40	14	15	10
AG35140613	6x13	1/4	40	14	16	10
AG35140614	6x14	1/4	40	14	17	10
AG35140716	7x16	1/4	42	14	19	10
AG35140812	8x12	1/4	42	14	15	10
AG35140813	8x13	1/4	42	14	16	10
AG35140815	8x15	1/4	42	14	18	10
AG35140817	8x17	1/4	42	14	20	10
AG35141015	10x15	1/4	45	14	18	10
AG35141017	10x17	1/4	45	14	20	10
AG35141019	10x19	1/4	45	14	22	10
AG35380610	6x10	3/8	42	17	15	10
AG35380612	6x12	3/8	42	17	15	10
AG35380613	6x13	3/8	42	17	16	10
AG35380614	6x14	3/8	42	17	17	10
AG35380716	7x16	3/8	42	17	19	10
AG35380812	8x12	3/8	42	17	15	10
AG35380813	8x13	3/8	42	17	16	10
AG35380815	8x15	3/8	42	17	18	10
AG35380817	8x17	3/8	42	17	20	10
AG35381015	10x15	3/8	45	17	18	10
AG35381017	10x17	3/8	45	17	20	10
AG35381019	10x19	3/8	45	17	22	10
AG35381116	11x16	3/8	45	17	19	10

## AG 25



**Baionetta e portagomma**  
Bayonet and rubber tube  
Bajonett und Schlauchtülle

Codice/Code	T	F"	L	CH	CH1	
AG250610	6x10	3/8	42	15	15	10
AG250612	6x12	3/8	42	15	15	10
AG250613	6x13	3/8	42	15	16	10
AG250614	6x14	3/8	42	15	17	10
AG250615	6x15	3/8	42	15	18	10
AG250716	7x16	3/8	42	15	19	10
AG250812	8x12	3/8	42	15	15	10
AG250813	8x13	3/8	42	15	16	10
AG250815	8x15	3/8	42	15	18	10
AG250817	8x17	3/8	42	15	20	10
AG251015	10x15	3/8	45	15	18	10
AG251017	10x17	3/8	45	15	20	10
AG251019	10x19	3/8	45	15	22	10

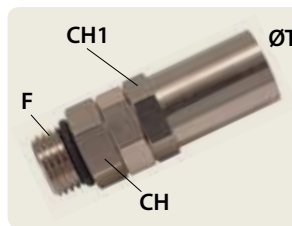
## AG 30



**Baionetta e resca**  
Bayonet and tail  
Bajonett und Abschluss

Codice/Code	T	L			
AG300006	6	27			10
AG300007	7	27			10
AG300008	8	29			10
AG300009	9	29			10
AG300010	10	29			10
AG300011	11	29			10
AG300012	12	32			10
AG300014	14	32			10

## AG 37



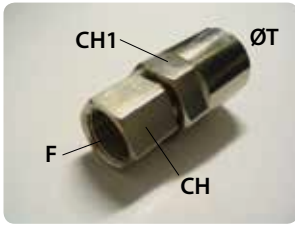
**Portagomma maschio girevole con O-ring**  
Male joint rubber tube with O-ring  
Schlauchtülle Drehkupplung mit O-Ring

Codice/Code	T	F"	L	CH	CH1	
AG37140610	6x10	1/4	48	15	15	10
AG37140612	6x12	1/4	48	15	15	10
AG37140613	6x13	1/4	48	15	16	10
AG37140614	6x14	1/4	48	15	17	10
AG37140812	8x12	1/4	48	15	15	10
AG37140813	8x13	1/4	48	15	16	10
AG37140815	8x15	1/4	48	15	18	10
AG37140817	8x17	1/4	48	15	20	10

## Raccordi a baionetta

Bayonet fittings  
Kupplung mit Bajonett

### AG 40



**Portagomma femmina**  
Female joint rubber tube  
Schlauchtülle

Codice/Code	T	F"	L	CH	CH1	■
AG40140610	6x10	1/4	39	15	15	10
AG40140612	6x12	1/4	39	15	15	10
AG40140613	6x13	1/4	39	15	16	10
AG40140614	6x14	1/4	39	15	17	10
AG40140716	7x16	1/4	41	15	19	10
AG40140812	8x12	1/4	41	15	15	10
AG40140813	8x13	1/4	41	15	16	10
AG40140815	8x15	1/4	41	15	18	10
AG40140817	8x17	1/4	41	15	20	10
AG40141015	10x15	1/4	43	15	18	10
AG40141017	10x17	1/4	43	15	20	10
AG40141019	10x19	1/4	43	15	22	10
AG40380610	6x10	3/8	41	19	15	10
AG40380612	6x12	3/8	41	19	15	10
AG40380613	6x13	3/8	41	19	16	10
AG40380614	6x14	3/8	41	19	17	10
AG40380716	7x16	3/8	41	19	19	10
AG40380812	8x12	3/8	41	19	15	10
AG40380813	8x13	3/8	41	19	16	10
AG40380815	8x15	3/8	41	19	18	10
AG40380817	8x17	3/8	41	19	20	10
AG40381015	10x15	3/8	44	19	18	10
AG40381017	10x17	3/8	44	19	20	10
AG40381019	10x19	3/8	44	19	22	10

### AG 60



**Dado fresato maschio**  
Male nut milled  
Mutter

Codice/Code	F"	L	CH	■
AG600018	1/8	19	13	10
AG600014	1/4	30	14	10
AG600038	3/8	32	17	10
AG600012	1/2	35	22	10

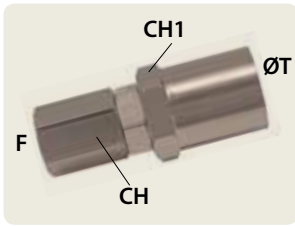
### AG 65



**Dado fresato femmina**  
Female nut milled  
Mutter

Codice/Code	F"	L	CH	■
AG650018	1/8	27	14	10
AG650014	1/4	30	15	10
AG650038	3/8	33	19	10

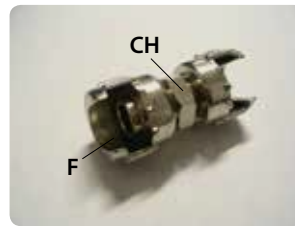
### AG 42



**Portagomma femmina girevole**  
Rotating female joint rubber tube  
Schlauchtülle Drehkupplung

Codice/Code	T	F"	L	CH	CH1	■
AG42140610	6x10	1/4	52	15	15	10
AG42140612	6x12	1/4	52	15	15	10
AG42140613	6x13	1/4	52	15	16	10
AG42140614	6x14	1/4	52	15	17	10
AG42140812	8x12	1/4	52	15	15	10
AG42140813	8x13	1/4	52	15	16	10
AG42140815	8x15	1/4	52	15	18	10
AG42140817	8x17	1/4	52	15	20	10

### AG 70



**Unione dadi fresati**  
Linear joint nuts milled  
Muttergruppe

Codice/Code	F"	L	CH	■
AG700014	1/4	40	14	10

### AG 45



**Guarnizione per baionetta**  
Bayonet gasket  
Dichtring für Bajonett

Codice/Code	■
AG450001	10

### AG 75



**Giunzione "T" dadi fresati**  
"T" joint nuts milled  
T-Muttergruppe

Codice/Code	F"	L	CH	■
AG750014	1/4	58x35	13	10

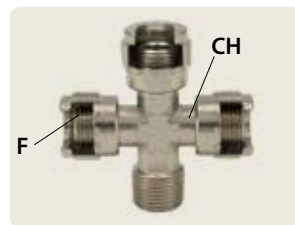
### AG 50



**Dado fresato**  
Milled nut  
Mutter

Codice/Code	F"	L	■
AG500014	1/4	18	10
AG501412	M14x1.25	18	10
AG500038	3/8	18	10

### AG 80



**Giunzione croce dadi fresati e att. maschio**  
Cross joint with milled nuts and male thread  
Kreuz Muttergruppe

Codice/Code	F"	L	CH	■
AG800014	1/4	54	13	10
AG800038	3/8	54	13	10





# Pistole di soffiaggio

Air guns  
Abblaspistolen

**PA-SIL**

## Pistole di soffiaggio silenziate

Silenced air guns  
Abblaspistolen

381

## Pistola di soffiaggio di sicurezza

Safety air guns  
Sicherheitabblaspistolen

383

## Accessori

Accessories  
Zubehörteile

384

## Dati tecnici delle pistole di soffiaggio silenziate

Silenced air guns technical data  
Technische Daten der Abblaspistolen

<b>Colore</b> Blue RAL 5003	<b>Colour</b> Blue RAL 5003	<b>Farbe</b> Blau RAL 5003
<b>Filettatura di connessione</b> BSPP cilindrica UNI-ISO228 ottenuta in una boccia di ottone	<b>Inlet connection thread</b> BSPP cilindric UNI-ISO228 made in a brass bush	<b>Kupplung Gewinde</b> BSPP zylindrisch UNI-ISO228 erhalten in einer Messingbuchse
<b>Materiale plastico</b> POM Rinforzato	<b>Plastic material</b> Reinforced POM	<b>Kunststoff Werkstoff</b> Verstärkte POM
<b>Materiale della molla</b> Acciaio Inox	<b>Spring material</b> Stainless steel	<b>Feder Werkstoff</b> Edelstahl
<b>Materiale delle guarnizioni</b> NBR	<b>Seals material</b> Nitrile rubber	<b>Dichtung Werkstoff</b> NBR
<b>Materiale del tubo</b> Acciaio Inox	<b>Tube material</b> Stainless steel	<b>Schlauch Werkstoff</b> Edelstahl
<b>Materiale del silenziatore</b> Poliuretano antigraffio	<b>Silencer material</b> Scratchproof Polyurethane	<b>Schalldämpfer Werkstoff</b> Kratzfeste Polyurethan
<b>Packaging</b> Busta in plastica / Scatole di cartone	<b>Packaging</b> Plastic bag / Cartoon box	<b>Verpackung</b> Kunststoffbeutel / Karton
<b>Temperatura d'utilizzo</b> -10°C / 40°C	<b>Working temperature</b> 14°F / 104°F	<b>Betriebstemperatur</b> -10°C / 40°C

# Pistole di soffiaggio

Air guns  
Abblaspistolen

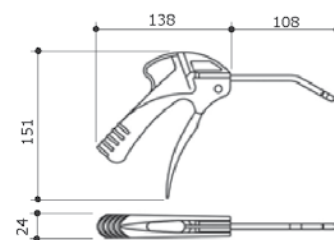
## PA 01



### Pistola soffiaggio canna curva

Air gun curve nozzle  
Abblaspistole gebogen

Codice/Code	Filetto Thread Gewinde	Forza di soffiaggio Blowing force Blasenstärke	Livello emissione sonora Noise pressure level Schallpegel	
<b>PA010001</b>	G1/4"	463 l/m	79.5 dB(A)	1



## PA 02

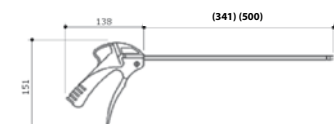


### Pistola soffiaggio canna lunga

Air gun long nozzle  
Abblaspistole Lang

new

Codice/Code	Filetto Thread Gewinde	Forza di soffiaggio Blowing force Blasenstärke	Livello emissione sonora Noise pressure level Schallpegel	
<b>PA020001</b>	G1/4" L341	432.1 l/m	79.2 dB(A)	1
<b>PA020002</b>	G1/4" L500	432.1 l/m	21.056 dB(A)	1



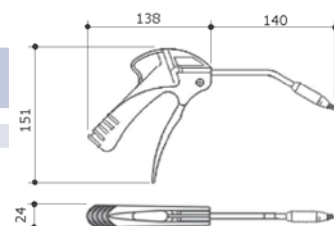
## PA 03



### Pistola soffiaggio canna curva silenziata

Air gun curved nozzle silenced  
Abblaspistole gebogen

Codice/Code	Filetto Thread Gewinde	Forza di soffiaggio Blowing force Blasenstärke	Livello emissione sonora Noise pressure level Schallpegel	
<b>PA030001</b>	G1/4"	352.8 l/m	73.4 dB(A)	1



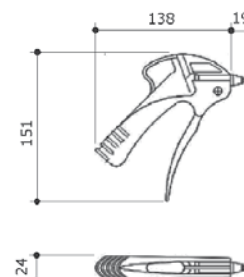
## PA 04



### Pistola soffiaggio silenziata

Air gun nozzle silenced  
Abblaspistole

Codice/Code	Filetto Thread Gewinde	Forza di soffiaggio Blowing force Blasenstärke	Livello emissione sonora Noise pressure level Schallpegel	
<b>PA040001</b>	G1/4"	352.8 l/m	75.1 dB(A)	1



## Dati tecnici delle pistole di soffiaggio di sicurezza

Silenced air guns technical data

Technische Daten der Sicherungs- und Abblaspistolen

### Riduzione del rumore

Fino al 40 %.

### Noise Reduction

Up to 40 %.

### Rauschunterdrückung

Bis zu 40%

### Aumento della sicurezza

Pressione in uscita limitata (B) con pressione di linea 0,6 MPa.

### Safety Improving

Limited outlet pressure (B) with 0,6 MPa of inlet pressure.

### Erhöhung der Sicherheit

Ausgangsdruck begrenzt (B) mit Eingangsdruck 0,6 MPa.

### Risparmio di energia

Fino al 50%.

### Energy Saving

Up to 50%.

### Energie sparen


Bis zu 50%.

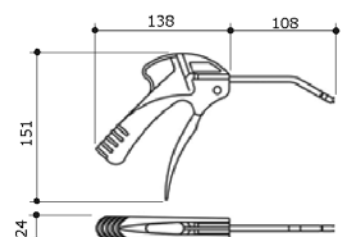
## PA 05



### Pistola soffiaggio di sicurezza

Safety air gun  
Sicherheitspistole

Codice/Code	Filetto Thread Gewinde	Pressione uscita Outlet pressure Außen Druck	Livello emissione sonora Noise pressure level Schallpegel	
<b>PA050001</b>	G1/4"	0.35 l/m	70.2 dB(A)	1



# Pistole di soffiaggio

Air guns  
Abblaspistoien

## Dati tecnici accessori per pistole

Air guns accessories technical data  
Technische Daten der Zubehörteile für Pistolen

### Accessori per pistole

Tutti gli accessori possono essere fissati a scatto sui tubetti delle pistole e sono confezionati in buste di plastica.

Scudo protettivo: Offre protezione da parti solide o liquide ed è realizzato in materiale trasparente.

Terminale silenziatore: Riduce ulteriormente l'emissione sonora. Prodotto in alluminio, POM rinforzato e in materiale morbido antigraffio.

Terminale Venturi: Aumenta la quantità di aria emessa. Prodotto in Alluminio e POM rinforzato.

### Air guns accessories

All accessories can be snapped on the guns tubes and are packaged in plastic bags.

Protective Shield: Offers protection against solid particles and liquids. Made in transparent material.

Silencer Nozzle: Further reduces noise. Made in Aluminium and POM material with a soft scratchproof point.

Nozzle Venturi: Increases the quantity of delivered air. Made in Aluminium and POM material.

### Zubehörteile für pistolen

Alle Zubehörteile können auf Waffen aufgeschnappt werden und Rohre werden in Plastiktüten verpackt.

Schutzschild: bietet Schutz vor Feststoffpartikeln oder flüssig sein und ist aus transparentem Material hergestellt ist.

Terminal-Schalldämpfer: weiter reduziert Lärm. Hergestellt aus Aluminium, POM verstärkt und kratzfest weiches Material.

Terminal Venturi: erhöht die Menge an Luft abgelassen. Gefertigt aus Aluminium und verstärkte POM.

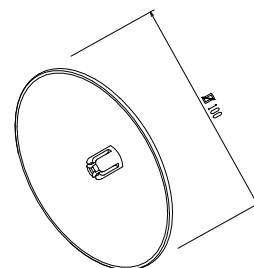
## PA 06



### Paraspruzzi

Splashguard  
Schmutzfänger

Codice/Code				
PA06001A				1



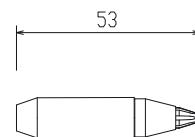
## PA 07



### Silenziatore

Silencer  
Düse

Codice/Code				
PA07001A				1



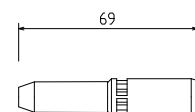
## PA 08



### Venturi

Venturi  
Düse Venturi

Codice/Code				
PA08001A				1







# Pistole aerografi professionali kit

## Professional spray guns

## Reifenfüllmessgeräte

PA

### Pistole aerografi professionali kit

Professional spray guns  
Reifenfüllmessgeräte

387

### Ricambi

Replacement  
Ersatzteilung

393

## Dati tecnici

Technical data  
Technische Daten

#### PA11, PA11 SV

Consumo aria a 6 bar: 260 l/min  
Air consumption at 6 bar: 260 l/min  
Luftverbrauch bei 6 bar 260 l/min

#### PA12, PA12 SV PA13, PA13 SV PA14, PA14 SV PA20, PA20 SV PA53, PA53 SV

Consumo aria a 6 bar: 180 l/min  
Air consumption at 6 bar: 180 l/min  
Luftverbrauch bei 6 bar 180 l/min

#### PA16, PA16SV PA17, PA17SV PA18, PA18SV PA19

Pressione d'esercizio: 0 - 12 bar  
Working pressure: 0 - 12 bar  
Druck: 0-12 bar

#### PA21

Pressione d'esercizio: 0 - 10 bar  
Working pressure: 0 - 10 bar  
Druck: 0-10 bar

#### PA22, PA22 SV PA23, PA23SV PA24, PA24SV PA25, PA25SV PA26, PA26SV PA27, PA27SV PA28, PA28SV PA29, PA29SV

Consumo aria a 6/8 bar: 200/250 l/min  
Air consumption at 6/8 bar: 200/250 l/min  
Luftverbrauch bei 6/8 bar 200/250 l/min

#### PA30, PA30SV PA31, PA31SV PA33, PA34

Pressione max d'esercizio: 4-8 bar  
Max working pressure: 4-8 bar  
Druck: 4-8 bar

Consumo d'aria: 140/240 l/min  
Air consumption : 140/240 l/min  
Luftverbrauch 140/240 l/min

#### PA51

Pressione max d'esercizio: 1,5 bar  
Max working pressure: 1,5 bar  
Druck: 1,5 bar

Consumo d'aria: 40/120 l/min  
Air consumption : 40/120 l/min  
Luftverbrauch 40/120 l/min

### PA 10



Kit 5 pezzi  
Kit 5 pieces  
Kit 5 Stück

Codice/Code	Descrizione	
PA100001	1 Aerografo Kg.1 1 Spray gun 2,2 Lb 1 Spritzpistole Kg.1 1 Pistola di lavaggio 1 Washing gun 1 Waschpistole 1 Pistola di soffiaggio 1 Blow gun 1 Schlauchpistole 1 Spirale raccordata 1 Hose with joint 1 Spirale 1 Pistola di gonfiaggio 1 Inflating gun 1 Aufblaspistole	1

### PA 14511



Kit 5 pezzi  
Kit 5 pieces  
Kit 5 Stück

Codice/Code	Descrizione	
PA14511	1 Aerografo S.S. 1 Spray gun 1 Spritzpistole 1 Pistola di lavaggio 1 Washing gun 1 Waschpistole 1 Pistola di soffiaggio 1 Blow gun 1 Schlauchpistole 1 Spirale raccordata (Germania) 1 Hose with joint (Germany) 1 Spirale (Deutschland) 1 Pistola di gonfiaggio 1 Inflating gun 1 Aufblaspistole	1

### PA 11



#### Pistole di soffiaggio professionale con regolazione progressiva

Professional blowing gun provided with lever for the adjustment of the air flow  
Professional Schlauchpistole

Codice/Code		
PA110001		1

### PA 13



#### Pistola soffiaggio Blow gun Schlauchpistole

Codice/Code		
PA130001		1

### PA 12



#### Pistola soffiaggio antinfortunistica Safely blow gun Schlauchpistole

Codice/Code		
PA120001		1

### PA 13SV



#### Pistole di soffiaggio sabbia verniciata Blow gun sanded paint Schlauchpistole mit Sandstrahlblasen und Lackierung

Codice/Code		
PA130001SV		1

### PA 12SV



#### Pistola soffiaggio antinfortunistica sabbia verniciata Safely blow gun sanded paint Schlauchpistole mit Sandstrahlblasen und Lackierung

Codice/Code		
PA120001SV		1

### PA 53



#### Pistola di soffiaggio Venturi Venturi blow gun Schlauchpistole Venturi

Codice/Code		
PA530001		1

# Pistole aerografi professionali kit

Professional air guns  
Reifenfüllmessgeräte

## PA 53SV



### Pistola di soffiaggio Venturi sabbata verniciata

Venturi blow gun sanded paint  
Schlauchpistole Venturi mit Sandstrahlblasen und Lackierung

Codice/Code		
PA530001SV		1

## PA 15



### Pistola gonfiaggio senza manometro

Inflating gun without gauge  
Aufblaspistole ohne Manometer

Codice/Code		
PA150001		1

## PA 14



### Pistola soffiaggio canna lunga

Blow gun with long nozzle  
Lange Schlauchpistole

Codice/Code		
PA140001		1

## PA 15SV



### Pistola gonfiaggio senza manometro sabbata verniciata

Inflating gun without gauge sanded paint  
Aufblaspistole ohne Manometer mit Sandstrahlblasen und Lackierung

Codice/Code		
PA150001SV		1

## PA 14SV



### Pistola soffiaggio canna lunga sabbata verniciata

Blow gun with long nozzle sanded paint  
Lange Schlauchpistole mit Sandstrahlblasen und Lackierung

Codice/Code		
PA140001SV		1

## PA 16



### Pistola gonfiaggio con manometro

Inflating gun with gauge  
Aufblaspistole mit Manometer

Codice/Code	Ø	
PA160001	63	1

## PA 20



### Pistole di soffiaggio per stampi

Blow gun with bent nozzle  
Schlauchpistole für Formen

Codice/Code		
PA200001		1

## PA 16SV



### Pistole di gonfiaggio con manometro sabbata verniciata

Inflating gun without gauge  
Aufblaspistole mit Manometer mit Sandstrahlblasen und Lackierung

Codice/Code	Ø	
PA160001SV	63	1

## PA 20SV



### Pistole di soffiaggio per stampi sabbata verniciata

Blow gun with bent nozzle sanded paint  
Schlauchpistole für Formen mit Sandstrahlblasen und Lackierung

Codice/Code		
PA200001SV		1

## PA 17



### Pistola gonfiaggio professionale con manometro

Inflating professional gun with gauge  
Professional Aufblaspistole mit Manometer

Codice/Code	Ø	
PA170001	80	1

## PA 17SV



### Pistola gonfiaggio professionale con manometro sabbia verniciata

Inflating professional gun with gauge sanded paint  
Professional Aufblaspistole mit Manometer mit Sandstrahlblasen und Lackierung

Codice/Code	Ø	
PA170001SV	80	1

## PA 21



### Pistola gonfiaggio omologata direttiva cee 86/217

Inflating gun omologate cee 86/217  
Professional Aufblaspistole CEE Zulassung 86/217

Codice/Code		
PA210001		1

## PA 18



### Pistola gonfiaggio professionale con manometro

Inflating professional gun with gauge  
Professional Aufblaspistole mit Manometer

Codice/Code	Ø	
PA180001	63	1

## PA 22



### Pistola lavaggio Kg 1

Washing gun 2,2 Lb  
Ablaspistole mit Behälter 1 Kg.

Codice/Code		
PA220001		1

## PA 18SV



### Pistola gonfiaggio professionale con manometro sabbia verniciata

Inflating professional gun with gauge sanded paint  
Professional Aufblaspistole mit Manometer mit Sandstrahlblasen und Lackierung

Codice/Code	Ø	
PA180001SV	63	1

## PA 22SV



### Pistola lavaggio Kg 1 sabbia verniciata

Washing gun 2,2 Lb sanded paint  
Ablaspistole mit Behälter 1 Kg mit Sandstrahlblasen und Lackierung

Codice/Code		
PA220001SV		1

## PA 19



### Manometro prova pressione

Pressure gauge  
Manometer für Druck

Codice/Code	Ø	
PA190001	63	1

## PA 23



### Pistola lavaggio serbatoio alluminio Kg. 1

Washing gun with aluminium cup 2,2 Lb  
Ablaspistole mit Aluminiumtank 1 Kg.

Codice/Code		
PA230001		1

## PA 56



### Pistola gonfiaggio hobby kit 4 pezzi ciclo, pneumatico, pallone, canotto

Inflating gun hobby kit 4 pieces for bike, car tyre, football, dinghy  
Hobby-kit Aufblaspistole 4 Stück für Fahrrad, Reifen, Fußball, Schlauchboot

Codice/Code	Ø	
PA560001	63	1

## PA 23SV



### Pistola lavaggio serbatoio alluminio Kg. 1 sabbia verniciata

Washing gun with aluminium cup 2,2 Lb sanded paint  
Ablaspistole mit Aluminiumtank 1 Kg. mit Sandstrahlblasen und Lackierung

Codice/Code		
PA230001SV		1

# Pistole aerografi professionali kit

Professional air guns  
Reifenfüllmessgeräte

PA **24**



**Pistola antirombo con serbatoio Kg.1**

Spray gun suitable for underbody paints 2.2 Lb lower cup  
Antidröhpistole mit Behälter 1 Kg.

Codice/Code    
PA240001 1

PA **26SV**



**Pistola antirombo senza serbatoio sabbia verniciata**

Spray gun for underbody sanded paint  
Antidröhpistole ohne Behälter mit Sandstrahlblasen und Lackierung

Codice/Code    
PA260001SV 1

PA **24SV**



**Pistola antirombo con serbatoio Kg.1 sabbia verniciata**

Spray gun suitable for underbody paints 2.2 Lb lower cup sanded paint  
Antidröhpistole mit Behälter 1 Kg. mit Sandstrahlblasen und Lackierung

Codice/Code    
PA240001SV 1

PA **27**



**Pistola per sabbicare con tubo di pescaggio**

Sand blasting gun with deep hole  
Pistole für Sandstrahlblasen mit Tiefgang

Codice/Code    
PA270001 1

PA **25**



**Pistola antirombo con tubo flessibile**

Spray gun for underbody  
Antidröhpistole mit Schlauch

Codice/Code    
PA250001 1

PA **27SV**



**Pistola per sabbicare con tubo di pescaggio sabbia verniciata**

Sand blasting gun with hose sanded paint  
Pistole für Sandstrahlblasen mit Tiefgang mit Sandstrahlblasen und Lackierung

Codice/Code    
PA270001SV 1

PA **25SV**



**Pistola antirombo con tubo flessibile sabbia verniciata**

Spray gun for underbody sanded paint  
Antidröhpistole mit Schlauch mit Sandstrahlblasen und Lackierung

Codice/Code    
PA250001SV 1

PA **28**



**Pistola per sabbatura Kg.1**

Sand blasting gun with cup 2.2 Lb  
Pistole für Sandstrahlblasen mit Behälter 1 Kg.

Codice/Code    
PA280001 1

PA **26**



**Pistola antirombo senza serbatoio**

Spray gun for underbody  
Antidröhpistole ohne Behälter

Codice/Code    
PA260001 1

PA **28SV**



**Pistola per sabbatura Kg.1 sabbia verniciata**

Sand blasting gun with cup 2.2 Lb sanded paint  
Pistole für Sandstrahlblasen mit Behälter 1 Kg. mit Sandstrahlblasen und Lackierung

Codice/Code    
PA280001SV 1

## PA 29



### Pistola aria acqua con attacco garden

Water + blow gun for garden  
Druck-Wasser Pistole  
mit Garten Kupplung

Codice/Code	Descrizione	
PA290001		1

## PA 31



### Pistola verniciatura serbatoio inferiore

Spray gun lower cup  
Lackierungspistole mit Behälter

Codice/Code	Ugello Ø Nozzle Ø Düse Ø	Kg	
PA310001	1.5	1.0	1
PA310002	1.0	1.0	1
PA310003	1.2	1.0	1
PA310004	1.8	1.0	1
PA310005	2.0	1.0	1
PA310006	2.5	1.0	1
PA310007	3.0	1.0	1

## PA 29SV



### Pistola aria acqua con attacco garden sabbia verniciata

Water +blow gun for garden  
sanded paint  
Druck-Wasser Pistole  
mit Garten Kupplung  
mit Sandstrahlblasen und Lackierung

Codice/Code		
PA290001SV		1

## PA 31SV



### Pistola verniciatura serbatoio inferiore sabbia verniciata

Spray gun lower cup sanded paint  
Lackierungspistole mit Behälter  
mit Sandstrahlblasen und Lackierung

Codice/Code	Ugello Ø Nozzle Ø Düse Ø	Kg	
PA310001SV	1.5	0.5	1
PA310002SV	1.5	1.0	1

## PA 30



### Pistola verniciatura serbatoio superiore

Spray gun suitable  
for all types of painting  
Lackierungspistole mit Behälter

Codice/Code	Ugello Ø Nozzle Ø Düse Ø	Kg	
PA300001	1.5	0.5	1
PA300002	1.5	1.0	1
PA300003	1.0	0.5	1
PA300004	1.2	0.5	1
PA300005	1.8	0.5	1
PA300006	2.0	0.5	1
PA300007	2.5	0.5	1
PA300008	3.0	0.5	1
PA300010	1.0	1.0	1
PA300011	1.2	1.0	1
PA300012	1.8	1.0	1
PA300013	2.0	1.0	1
PA300014	2.5	1.0	1
PA300015	3.0	1.0	1

## MINIAETOPGV



### Mini aerografo per ritocchi prof. Serbatoio 250cc, ugello 0,5 mm con regolatore di pressione

Mini spray gun for repair jobs  
prof. Nozzle 0,5 mm cup 250cc  
with air pressure regulator  
Mini Spritzpistole mit  
Behälter 250cc und  
Drüse Ø 0,5 mm

Codice/Code		
MINIAETOPGV05		1

## PA 30SV



### Pistola verniciatura serbatoio superiore sabbia verniciata

Spray gun suitable for all types  
of painting sanded paint  
Lackierungspistole mit Behälter  
mit Sandstrahlblasen und Lackierung

Codice/Code	Ugello Ø Nozzle Ø Düse Ø	Kg	
PA300001SV	1.5	0.5	1
PA300002SV	1.5	1.0	1

## PA 49



### Pistola in alluminio per schiuma poliuretano

Aluminium polyurethane foam gun  
Aluminiumpistole für Polyurethanschaum

Codice/Code		
PA490001		1

## PA 49SV



### Pistola in alluminio per schiuma poliuretano sabbia verniciata

Aluminium polyurethane  
foam gun sanded paint  
Aluminiumpistole für Polyurethanschaum  
mit Sandstrahlblasen und Lackierung

Codice/Code		
PA490001SV		1



# Pistole aerografi professionali kit

Professional air guns  
Reifenfüllmessgeräte

## PA 51



**Pistola vernic. serbatoio inf. Kg.1  
bassa pressione max 1,5 Bar**

Spray gun aluminium lower  
cup 2,2 Lb low pressure max 1,5 Bar  
Lackierungspistole mit Behälter 1 Kg.  
Niederdruck max. 1,5 Bar

Codice/Code	Ugello Ø Nozzle Ø Düse Ø	Kg	📦
PA510001	1.5	1.0	1

## PA 34



**Aerografo verniciatura professionale  
con serbatoio a caduta**

Professional spray gun with  
gravity flow cup  
Professional Spritzpistole mit Behälter

Codice/Code	Ugello Ø Nozzle Ø Düse Ø	Kg	📦
PA340001	1.5	0.5	1
PA340003	1.2	0.5	1
PA340004	1.8	0.5	1
PA340005	2.0	0.5	1
PA340006	2.5	0.5	1

## PA 33



**Aerografo verniciatura professionale  
con serbatoio chiusura autoclave**

Professional spray gun  
with bayonet closing  
Professional Spritzpistole  
mit Autoklav Behälter

Codice/Code	Ugello Ø Nozzle Ø Düse Ø	Kg	📦
PA330001	1.5	1.0	1
PA330002	1.0	1.0	1
PA330003	1.2	1.0	1
PA330004	1.8	1.0	1
PA330005	2.0	1.0	1
PA330006	2.5	1.0	1
PA330007	3.0	1.0	1

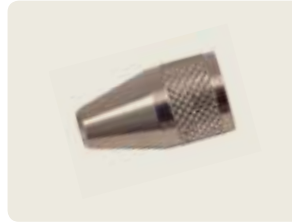
**PA 11R**



**Silenziatore per PA13**  
Silencer for PA13  
Dampf für PA13

Codice/Code		
PA11000R		1

**PA 22R**



**Beccuccio pistola di lavaggio per PA22-PA23**  
Washing gun nozzle for PA22-PA23  
Mund der Waschpistole für PA22-PA23

Codice/Code		
PA22000R		1

**PA 13R**



**Beccuccio pistola soffiaggio da 1/4" per PA13**  
Blow gun nozzle  
1/4" for PA13  
Mund 1/4" der  
Schlauchpistole für PA13

Codice/Code		
PA13000R		1

**PA 221R**



**Serbatoio ricambio acciaio verniciato Kg. 1 per PA22**  
Tank parts painted  
steel 2,2 Lb for PA22  
Lackierten Stahl  
Behälter 1 Kg für PA22

Codice/Code		
PA22001R		1

**PA 14R**



**Canna lunga ricambio per PA14**  
Blow gun long nozzle for PA14  
Langerohr für PA14

Codice/Code		
PA14000R		1

**PA 33R**



**Serbatoio inferiore Alluminio Kg 1 chiusura autoclave per PA33**  
Tank parts aluminium closure  
autoclave 2,2 Lb for PA33  
Aluminium Behälter  
Antiklav 1 Kg für PA33

Codice/Code		
PA33000R		1

**PA 16R**



**Tubo completo ricambio per PA16**  
Hose for inflating gun for PA16  
Schlauch für PA16

Codice/Code		
PA16000R		1

**PA 34R**



**Filtro per aerografo serbatoio superiore per PA34**  
Filter for spray gun upper cup for PA34  
Filter für Spritzpistole PA34

Codice/Code		
PA34000R		1

**PA 19R**



**Testina per prova pressione per PA19**  
Head for pressure test for PA19  
Druckprüfkopf für PA19

Codice/Code		
PA19000R		1

### PA 36



**Filtro per aerografo**  
Filter for spray gun  
Filter für Spritzpistole

Codice/Code		
PA360001	1	

### PA 301R



**Serbatoio alluminio superiore**  
Kg.1,0 per PA30  
Tank parts aluminium top 2,2 Lb for PA30  
Aluminium Behälter 1 Kg für PA30

Codice/Code		
PA30001R	1	

### PA 37



**Manometro attacco radiale per pistola gonfiaggio**  
Radial gauge for inflating gun  
Radialmanometer für Aufblaspistole

Codice/Code	Ø	
PA370001	63	1

### PA 302R



**Serbatoio nylon superiore**  
Kg.0,5 per PA30  
Tank parts nylon top 1,1 Lb for PA30  
Nylon Behälter 0,5 Kg für PA30

Codice/Code		
PA30002R	1	

### PA 23R



**Serbatoio inf. allum. Kg.1 chius. baionetta per PA23-PA24-PA28**  
Tank parts aluminium bayonet 2,2 Lb for PA23-PA24-PA28  
Aluminium Behälter Bajonett 1 Kg für PA23-PA24-PA28

Codice/Code		
PA23000R	1	

### PA 38



**Manometro attacco posteriore per pistola gonfiaggio**  
Gauge back connection for inflating gun  
Rückmanometer für Aufblaspistole

Codice/Code	Ø	
PA380001	63	1
PA380002	80	1

### PA 28R



**Ugello pistola per sabbiatura PA28**  
Gun blast spare nozzle for PA28  
Düse für Sandbad für PA28

Codice/Code		
PA28000R	1	

### PA 39



**Protezione per manometro**  
Protection for gauge  
Absicherung für Manometer

Codice/Code	Ø	
PA390001	63 rad.	1
PA390002	63 pos.	1
PA390003	80 pos.	1

### PA 30R



**Serbatoio alluminio superiore**  
Kg.0,5 per PA30  
Tank parts aluminium top 1,1 Lb for PA30  
Aluminium Behälter 0,5 Kg für PA30

Codice/Code		
PA30000R	1	

### PA 40



**Testina gonfiaggio Ø 6-8**  
Inflating head Ø 6-8  
Aufblaskopf Ø 6-8

Codice/Code		
PA400001	1	

**PA 53R**



**Beccuccio Venturi 1/4"**  
per pistola soffiaggio PA53

Venturi nozzle 1/4" for PA53  
Mund Venturi 1/4" für PA53

Codice/Code		
PA53000R		1

**PA 56R**



**Kit 3 pz. test.**  
per pallone-ciclo-canotto

Kit 3 pcs nozzle for  
football-bicycles tyres-dinghys  
Kit 3 Stk für Fußball,  
Fahrrad, Schlauchboot

Codice/Code		
PA56000R	Tubo su richiesta Tube on demand Schlauch auf Anfrage	1

**PA 32**



**Ricambi per pistole serie**  
PA30-PA31-PA33  
composta da duse-spillo-ugello

Spare part for gun spray gun  
series PA30-PA31-PA33  
Ersatzteilen für PA30-PA31-PA33

Codice/Code	Ugello	
PA320001	1,5	1
<b>new</b> PA320002	1,0	1
<b>new</b> PA320003	1,2	1
<b>new</b> PA320004	1,8	1
<b>new</b> PA320005	2	1
<b>new</b> PA320006	2,5	1
<b>new</b> PA320007	3	1

**PA 35**



**Ricambi per pistola verniciatura**  
professionale serie PA34

Spare parts for professional spray  
gun series PA34  
Ersatzteilen für PA34

Codice/Code	Ugello	
PA350001	1,5	1
<b>new</b> PA350003	1,2	1
<b>new</b> PA350004	1,8	1
<b>new</b> PA350005	2	1
<b>new</b> PA350006	2,5	1

# Spirali e tubi plastici industriali

Coils and industrial plastic tubes  
Schläuche und Spiraleschläuche

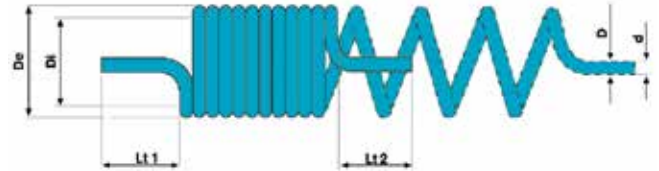
SU 20



## Spirale poliuretano con terminali dritti

Polyurethane coils with straight terminals  
Polyurethanspiralen mit geraden Anschlüssen

Colore standard: azzurro  
Standard colour: light blue  
Standard Farbe: Blau



Su richiesta possiamo fornire spirali con diametri, lunghezze, colori e materiali diversi

On demand we can supply coils with diameters, lengths, colours and different materials

Auf Wunsch können wir Spiralen mit verschiedenen Durchmessern, Längen, Farben und Materialien zu liefern

Codice/Code	Diametri D. est. x d. int. Diameter D. ext. x d. int. Durchmesser D. Auß. x d. Inn	Lunghezza estesa Length tube Schlauch länge	Lunghezza lavoro Work length Betriebslänge	De x Di (mm)	Lt1 / Lt2 (mm)	Pressione di utilizzo (Bar) 23°C Working pressure (Bar) 23°C Betriebsdruck (Bar) 23°C	Pressione di scoppio (Bar) 23°C Burst pressure (Bar) 23°C Berstdruck (bar) 23°C	Temperatura di utilizzo Working temperature Betriebtemperatur	
SU20402540	4x2.5	4 mt	2.00 mt	40x30	150/500	10	32	-20°C/+60°C	1
SU20604050	6x4	5 mt	2.50 mt	40x28	150/500	11	32	-20°C/+60°C	1
SU20604075	6x4	7.5 mt	3.75 mt	40x28	150/500	11	32	-20°C/+60°C	1
SU20604010	6x4	10 mt	5.00 mt	40x28	150/500	11	32	-20°C/+60°C	1
SU20805025	8x5	2.5 mt	1.25 mt	45x29	150/500	13	38	-20°C/+60°C	1
SU20805050	8x5	5 mt	2.50 mt	45x29	150/500	13	38	-20°C/+60°C	1
SU20805075	8x5	7.5 mt	3.75 mt	45x29	150/500	13	38	-20°C/+60°C	1
SU20805010	8x5	10 mt	5.00 mt	45x29	150/500	13	38	-20°C/+60°C	1
<b>new</b> SU20805015	8x5	15 mt	7.50 mt	45x29	150/500	13	38	-20°C/+60°C	1
SU20805525	8x5.5	2.5 mt	1.25 mt	41x25	150/500	10	30	-20°C/+60°C	1
SU20805550	8x5.5	5 mt	2.50 mt	41x25	150/500	10	30	-20°C/+60°C	1
SU20805575	8x5.5	7.5 mt	3.75 mt	41x25	150/500	10	30	-20°C/+60°C	1
SU20805510	8x5.5	10 mt	5.00 mt	41x25	150/500	10	30	-20°C/+60°C	1
SU20106525	10x6.5	2.5 mt	1.25 mt	58x38	150/500	11	34	-20°C/+60°C	1
SU20106550	10x6.5	5 mt	2.50 mt	58x38	150/500	11	34	-20°C/+60°C	1
SU20106575	10x6.5	7.5 mt	3.75 mt	58x38	150/500	11	34	-20°C/+60°C	1
SU20106510	10x6.5	10 mt	5.00 mt	58x38	150/500	11	34	-20°C/+60°C	1
<b>new</b> SU20106515	10x6.5	15 mt	7.50 mt	58x38	150/500	11	34	-20°C/+60°C	1
SU20128025	12x8	2.5 mt	1.25 mt	75x51	150/500	10	30	-20°C/+60°C	1
SU20128050	12x8	5 mt	2.50 mt	75x51	150/500	10	30	-20°C/+60°C	1
SU20128075	12x8	7.5 mt	3.75 mt	75x51	150/500	10	30	-20°C/+60°C	1
SU20128010	12x8	10 mt	5.00 mt	75x51	150/500	10	30	-20°C/+60°C	1

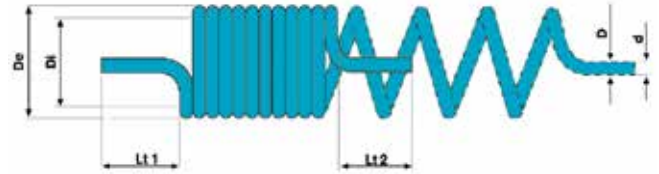
SU 30



### Spirale poliuretano con raccordo maschio girevole

Polyurethane coils with rotating male fitting  
Polyurethanspiralen mit Bajonett

Colore standard: azzurro  
Standard colour: light blue  
Standard Farbe: Blau



Su richiesta possiamo fornire spirali con diametri, lunghezze, colori e materiali diversi

On demand we can supply coils with diameters, lengths, colours and different materials

Auf Wunsch können wir Spiralen mit verschiedenen Durchmessern, Längen, Farben und Materialien zu liefern

Codice/Code	Attacco Connection Angriff	Diametri D. est. x d. int. Diameter D. ext. x d. int. Durchmesser D. Auß. x d. Inn	Lunghezza estesa Length tube Schlauch länge	Lunghezza lavoro Work length Betriebslänge	De x Di (mm)	Lt1 / Lt2 (mm)	Pressione di utilizzo (Bar) 23°C Working pressure (Bar) 23°C Betriebsdruck (Bar) 23°C	Temperatura di utilizzo Working temperature Betriebtemperatur	
SU30604050	1/4"	6x4	5 mt	2.5 mt	40x28	150/500	11	32	1
SU30604075	1/4"	6x4	7.5 mt	3.75 mt	40x28	150/500	11	32	1
SU30604010	1/4"	6x4	10 mt	5 mt	40x28	150/500	11	32	1
SU30805050	1/4"	8x5	5 mt	2.5 mt	45x29	150/500	13	38	1
SU30805075	1/4"	8x5	7.5 mt	3.75 mt	45x29	150/500	13	38	1
SU30805010	1/4"	8x5	10 mt	5 mt	45x29	150/500	13	38	1
<b>new</b> SU30805015	1/4"	8x5	15 mt	7.5 mt	45x29	150/500	13	38	1
SU30805550	1/4"	8x5.5	5 mt	2.5 mt	41x25	150/500	10	30	1
SU30805575	1/4"	8x5.5	7.5 mt	3.75 mt	41x25	150/500	10	30	1
SU30805510	1/4"	8x5.5	10 mt	5 mt	41x25	150/500	10	30	1
SU30106550	1/4"	10x6.5	5 mt	2.5 mt	58x38	150/500	11	34	1
SU30106575	1/4"	10x6.5	7.5 mt	3.75 mt	58x38	150/500	11	34	1
SU30106510	1/4"	10x6.5	10 mt	5 mt	58x38	150/500	11	34	1
<b>new</b> SU30106515	1/4"	10x6.5	15 mt	7.5 mt	58x38	150/500	11	34	1
SU30128050	3/8"	12x8	5 mt	2.5 mt	75x51	150/500	10	30	1
SU30128075	3/8"	12x8	7.5 mt	3.75 mt	75x51	150/500	10	30	1
SU30128010	3/8"	12x8	10 mt	5 mt	75x51	150/500	10	30	1
SU30120815	3/8"	12x8	15 mt	7.5 mt	75x51	150/500	10	30	1
SU30161150	3/8"	16x11	5 mt	2.5 mt	105x73	150/500	10	30	1
SU30161175	3/8"	16x11	7.5 mt	3.75 mt	105x73	150/500	10	30	1
SU30161110	3/8"	16x11	10 mt	5 mt	105x73	150/500	10	30	1
SU30161115	3/8"	16x11	15 mt	7.5 mt	105x73	150/500	10	30	1

Temperatura di utilizzo: da -20°C a +60°C

Working temperature: from -20°C to +60°C

Betriebstemperatur: von -20°C bis +60°C



# Spirali e tubi plastici industriali

Coils and industrial plastic tubes  
Schläuche und Spiraleschläuche

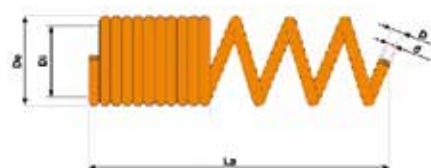
SR 40



## Spirale RILSAN® PA11

Coils RILSAN® PA11  
Spirale RILSAN® PA11

Colore standard: arancio  
Standard colour: orange  
Standard Farbe: Orange



Codice/Code	D. est. x d int. D. ext. x d. int. D. Auß. x d. Inn	Lunghezza estesa Length tube Schlauch länge	Lunghezza lavoro Work length Betriebslänge	De x Di (mm)	Pressione di utilizzo (bar) 23°C Working pressure (bar) 23°C Betriebsdruck (bar) 23°C	Pressione di scoppio (bar) 23°C Burst pressure (bar) 23°C Berstdruck (bar) 23°C	
SR40060415	6x4	15 mt	7,5 mt	64x52	20	80	1
SR40060430	6x4	30 mt	15 mt	64x52	20	80	1
SR40080615	8x6	15 mt	7,5 mt	90x74	14	56	1
SR40080630	8x6	30 mt	15 mt	90x74	14	56	1
SR40100815	10x8	15 mt	7,5 mt	105x85	11	44	1
SR40100830	10x8	30 mt	15 mt	102x82	11	44	1

Temperatura di utilizzo: -40°C ÷ +80°C - Working temperature: from -40°C ÷ +80°C - Betriebstemperatur: von -40°C ÷ +80°C

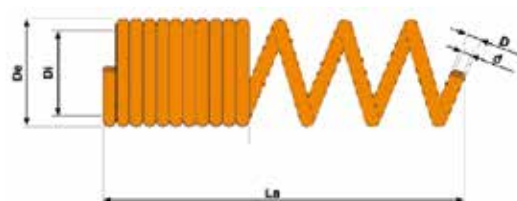
SR 41



## Spirale poliammide PA12

Coil polyamide PA12  
Polyamidspirale PA12

Colore standard: arancio  
Standard colour: orange  
Standard Farbe: Orange



Codice/Code	D. est. x d int. D. ext. x d. int. D. Auß. x d. Inn	Lunghezza estesa Length tube Schlauch länge	Lunghezza lavoro Work length Betriebslänge	De x Di (mm)	Pressione di utilizzo (bar) 23°C Working pressure (bar) 23°C Betriebsdruck (bar) 23°C	Pressione di scoppio (bar) 23°C Burst pressure (bar) 23°C Berstdruck (bar) 23°C	
SR41060415	6x4	15 mt	7,5 mt	64x52	42	168	1
SR41060430	6x4	30 mt	15 mt	64x52	42	168	1
SR41080615	8x6,3	15 mt	7,5 mt	86x70	30	120	1
SR41080630	8x6,3	30 mt	15 mt	86x70	30	120	1
SR41100815	10x8	15 mt	7,5 mt	102x82	23	92	1
SR41100830	10x8	30 mt	15 mt	102x82	23	92	1

Temperatura di utilizzo: -20°C ÷ +80°C - Working temperature: from -20°C ÷ +80°C - Betriebstemperatur: von -20°C ÷ +80°C

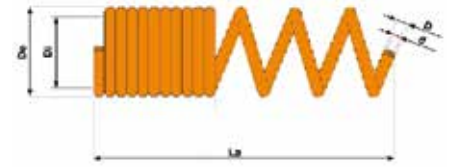
SR **42**



### Spirale RILSAN® PA11 raccordata baionetta

Coil RILSAN® PA11 with bayonet  
Spiralen RILSAN® PA11 mit Bajonett

Colore standard: arancio  
Standard colour: orange  
Standard Farbe: Orange



Codice/Code	D. est. x d. int. D. ext. x d. int. D. Auß. x d. Inn	Lunghezza estesa Lenght tube Schlauch länge	Lunghezza lavoro Work lenght Betriebslänge	De x Di (mm)	Pressione di utilizzo (bar) 23°C Working pressure (bar) 23°C Betriebsdruck (bar) 23°C	Pressione di scoppio (bar) 23°C Burst pressure (bar) 23°C Berstdruck (bar) 23°C	
SR42080650	8x6	5 mt	2,5 mt	86x70	14	56	1
SR42080675	8x6	7,5 mt	3,75 mt	86x70	14	56	1
SR42080610	8x6	10 mt	5 mt	86x70	14	56	1
SR42080615	8x6	15 mt	7,5 mt	86x70	14	56	1
SR42080620	8x6	20 mt	10 mt	86x70	14	56	1
SR42080630	8x6	30 mt	15 mt	86x70	14	56	1
SR42100875	10x8	7,5 mt	3,75 mt	102x82	11	44	1
SR42100810	10x8	10 mt	5 mt	102x82	11	44	1
SR42100815	10x8	15 mt	7,5 mt	102x82	11	44	1
SR42100820	10x8	20 mt	10 mt	102x82	11	44	1
SR42100830	10x8	30 mt	15 mt	102x82	11	44	1

Temperatura di utilizzo: -40°C ÷ +80°C - Working temperature: from -40°C ÷ +80°C - Betriebstemperatur: von -40°C ÷ +80°C

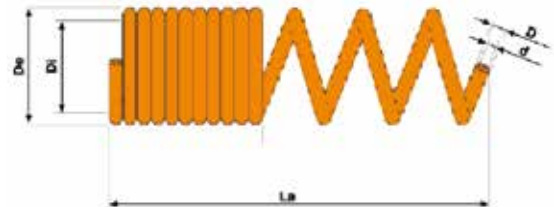
SR **43**



### Spirale RILSAN® PA11 con rubinetto universale ed innesto Germania

Coil RILSAN® PA11 with universal coupler and Germany male conn.  
Spirale RILSAN® PA11 mit Bajonett und Kupplungen Deutschland

Colore standard: arancio  
Standard colour: orange  
Standard Farbe: Orange



Codice/Code	D. est. x d. int. D. ext. x d. int. D. Auß. x d. Inn	Lunghezza estesa Lenght tube Schlauch länge	Lunghezza lavoro Work lenght Betriebslänge	De x Di (mm)	Pressione di utilizzo (bar) 23°C Working pressure (bar) 23°C Betriebsdruck (bar) 23°C	Pressione di scoppio (bar) 23°C Burst pressure (bar) 23°C Berstdruck (bar) 23°C	
SR43080650	8x6	5 mt	2,5 mt	86x70	14	56	1
SR43080675	8x6	7,5 mt	3,75 mt	86x70	14	56	1
SR43080610	8x6	10 mt	5 mt	86x70	14	56	1
SR43080615	8x6	15 mt	7,5 mt	86x70	14	56	1
SR43080620	8x6	20 mt	10 mt	86x70	14	56	1
SR43080630	8x6	30 mt	15 mt	86x70	14	56	1
SR43100875	10x8	7,5 mt	3,75 mt	102x82	11	44	1
SR43100810	10x8	10 mt	5 mt	102x82	11	44	1
SR43100815	10x8	15 mt	7,5 mt	102x82	11	44	1
SR43100820	10x8	20 mt	10 mt	102x82	11	44	1
SR43100830	10x8	30 mt	15 mt	102x82	11	44	1

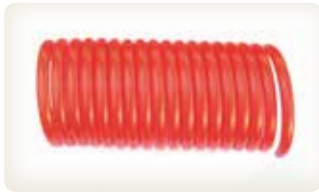
Temperatura di utilizzo: -40°C ÷ +80°C - Working temperature: from -40°C ÷ +80°C - Betriebstemperatur: von -40°C ÷ +80°C

# Spirali e tubi plastici industriali

## Coils and industrial plastic tubes

## Schläuche und Spiraleschläuche

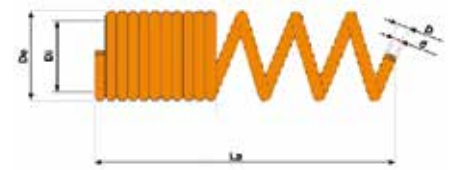
SR 46



### Spirale polipropilene "ECOSPIR"

Coil polipropilene "ECOSPIR"  
Polypropylenspirale "ECOSPIR"

Colore standard: arancio  
Standard colour: orange  
Standard Farbe: Orange



Codice/Code	D. est. x d. int. D. ext. x d. int. D. Auß. x d. Inn	Lunghezza estesa Lenght tube Schlauch lange	Lunghezza lavoro Work lenght Betriebslange	De x Di (mm)	Pressione di utilizzo (bar) 23°C Working pressure (bar) 23°C Betriebsdruck (bar) 23°C	Pressione di scoppio (bar) 23°C Burst pressure (bar) 23°C Berstdruck (bar) 23°C	
SR46080615	8X6	15 mt	7.50 mt	81x65	14	56	1
SR46080630	8X6	30 mt	15.00 mt	81x65	14	56	1
SR46100815	10X8	15 mt	7.50 mt	100x80	11	44	1
SR46100830	10X8	30 mt	15.00 mt	100x80	11	44	1

Temperatura di utilizzo: -20°C ÷ +60°C - Working temperature: from -20°C ÷ +60°C - Betriebstemperatur: von -20°C ÷ +60°C

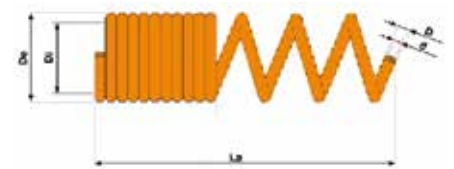
SR 47



### Spirale polipropilene "ECOSPIR" raccordata baionetta

Coil polipropilene "ECOSPIR" with bayonet  
Polypropylenspiral "ECOSPIR" mit Bajonett

Colore standard: arancio  
Standard colour: orange  
Standard Farbe: Orange



Codice/Code	D. est. x d. int. D. ext. x d. int. D. Auß. x d. Inn	Lunghezza estesa Lenght tube Schlauch lange	Lunghezza lavoro Work lenght Betriebslange	De x Di (mm)	Pressione di utilizzo (bar) 23°C Working pressure (bar) 23°C Betriebsdruck (bar) 23°C	Pressione di scoppio (bar) 23°C Burst pressure (bar) 23°C Berstdruck (bar) 23°C	
SR47080650	8X6	5 mt	2.50 mt	81x65	14	56	1
SR47080675	8X6	7.5 mt	3.75 mt	81x65	14	56	1
SR47080610	8X6	10 mt	5.00 mt	81x65	14	56	1
SR47080615	8X6	15 mt	7.50 mt	81x65	14	56	1
SR47080620	8X6	20 mt	10.00 mt	81x65	14	56	1
SR47080630	8X6	30 mt	15.00 mt	81x65	14	56	1
SR47100875	10X8	7.5 mt	3.75 mt	100x80	11	44	1
SR47100810	10X8	10 mt	5.00 mt	100x80	11	44	1
SR47100815	10X8	15 mt	7.50 mt	100x80	11	44	1
SR47100820	10X8	20 mt	10.00 mt	100x80	11	44	1
SR47100830	10X8	30 mt	15.00 mt	100x80	11	44	1

Temperatura di utilizzo: -20°C ÷ +60°C - Working temperature: from -20°C ÷ +60°C - Betriebstemperatur: von -20°C ÷ +60°C

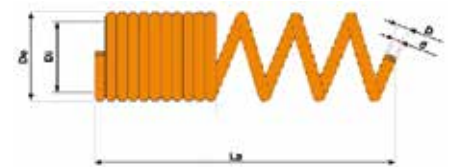
SR 48



### Spirale polipropilene "ECOSPIR" con rubinetto universale ed innesto Germania

Coil polipropilene "ECOSPIR" with universal coupler and Germany male conn.  
Polypropylenspirale "ECOSPIR" mit Bajonett und Kupplungen Deutschland

Colore standard: arancio  
Standard colour: orange  
Standard Farbe: Orange



Codice/Code	D. est. x d. int. D. ext. x d. int. D. Auß. x d. Inn	Lunghezza estesa Lenght tube Schlauch lange	Lunghezza lavoro Work lenght Betriebslange	De x Di (mm)	Pressione di utilizzo (bar) 23°C Working pressure (bar) 23°C Betriebsdruck (bar) 23°C	Pressione di scoppio (bar) 23°C Burst pressure (bar) 23°C Berstdruck (bar) 23°C	
SR48080650	8X6	5 mt	2.50 mt	81x65	14	56	1
SR48080675	8X6	7.5 mt	3.75 mt	81x65	14	56	1
SR48080610	8X6	10 mt	5.00 mt	81x65	14	56	1
SR48080615	8X6	15 mt	7.50 mt	81x65	14	56	1
SR48080620	8X6	20 mt	10.00 mt	81x65	14	56	1
SR48080630	8X6	30 mt	15.00 mt	81x65	14	56	1
SR48100875	10X8	7.5 mt	3.75 mt	100x80	11	44	1
SR48100810	10X8	10 mt	5.00 mt	100x80	11	44	1
SR48100815	10X8	15 mt	7.50 mt	100x80	11	44	1
SR48100820	10X8	20 mt	10.00 mt	100x80	11	44	1
SR48100830	10X8	30 mt	15.00 mt	100x80	11	44	1

Temperatura di utilizzo: -20°C ÷ +60°C - Working temperature: from -20°C ÷ +60°C - Betriebstemperatur: von -20°C ÷ +60°C

### SR45



**Pistola a regolazione progressiva**

Air gun  
Pistole

Codice/Code	ØT"	Col			
SR450014	1/4	Blue			1

### SR50



**Pinza tagliatubo in plastica**

Plastic cutter tube  
Schlauchschnaider Kunststoff

Codice/Code	Col				
SR500001	Blue				1

### SR51



**Pinza tagliatubo in metallo**

Metal cutter tube  
Schlauchschnaider Metall

Codice/Code	ØT				
SR51P0012	0-12 mm				1
SR51G0028	0-28 mm				1

### SR52

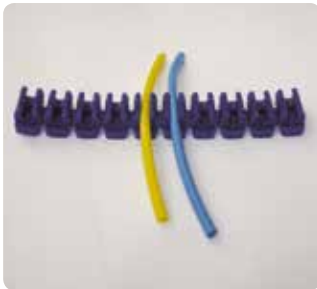


**Lama per pinza tagliatubo in metallo**

Spare blade for metal cutter tube  
Messier für Metallschlauchschnaider

Codice/Code	ØT				
SR52P0012	0-12 mm				1
SR52G0028	0-28 mm				1

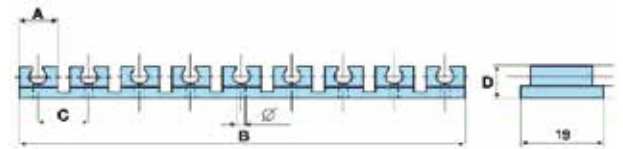
### SR53



**Staffetta fissatubi**

Tubes clamp  
Schlauchklemmleisten

Temperatura di utilizzo: da 0°C a +40°C  
Working temperature: from -0°C to +40°C  
Betriebstemperatur: von 0°C bis +40°C



Codice/Code	Ø tubo Ø tube	A (mm)	B (mm)	C (mm)	D (mm)	Ø (mm)	Posizioni n° Positions	
SR531004	4	9	114	11,7	8	2,8	10	1
SR531006	6	9	114	11,7	10	2,8	10	1
SR531008	8	12	143	14,6	12	3,8	10	1
SR531010	10	15	172	17,4	13,8	5,3	10	1
SR530412	12	19	78	20,5	16,8	5,3	4	1
SR530414	14	21	87	22,5	18,8	5,3	4	1

# Spirali e tubi plastici industriali

Coils and industrial plastic tubes  
Schläuche und Spiraleschläuche

## U 100



### Tubo poliuretano calibrato 98 shore a rotoli

Polyurethane tube 98 shore  
Polyurethan Schlauch 98 shore

#### CARATTERISTICHE TECNICHE:

- altissima flessibilità alle basse temperature
- poco sensibile all'effetto "click" e "stress cracking"
- eccellente resistenza all'abrasione
- buona resistenza agli agenti atmosferici
- buon invecchiamento nel tempo
- estremamente resistente alla fatica

#### TECHNICAL CHARACTERISTICS:

- high flexibility to low temperatures
- low sensibility to "click" and "stress cracking" effects
- excellent resistance to abrasion
- good resistance to atmospheric agents
- good aging
- extremely resistant to exertion

#### TECHNISCHE DATEN:

- Hohe Flexibilität bei niedrigen Temperaturen
- Unempfindlich gegen die Wirkung "Klick" und "Spannungsrisse"
- Ausgezeichnete Beständigkeit gegen Abrieb
- Gute Witterungsbeständigkeit
- Gute Auslagerungszeit
- Sehr resistent gegen Ermüdung

#### NOTE:

L'impiego di questa tipologia di tubi con pressioni pulsanti continue può dare origine ad accumuli di calore, nonostante essi siano particolarmente resistenti alla fatica o alle tensioniflessioni. Il poliuretano è in generale resistente ad ozono, olii, grassi, carburanti e soluzioni chimiche moderate. Non è resistente, o debolmente resistente, ad acidi concentrati, chetoni, esteri, idrocarburi, clorurati.

#### NOTES:

The use of this type of tubes with continuous pulsating pressure may give rise to accumulation of heat, although they are particularly resistant to fatigue or stress-flexing. The polyurethane is generally resistant to ozone, oils, grease, fuels, and chemical solutions moderated. Non-resistant, or weakly resistant to concentrated acids, ketones, esters, hydrocarbons, chlorinated.

#### HINWEISE:

Die Verwendung dieser Art von Rohren mit kontinuierlichen pulsierenden Druck kann zu Hitzestau zu geben, wenn sie besonders resistent gegen Ermüdung oder Stress-Durchbiegung sind. Das Polyurethan ist beständig gegen Ozon Allgemeinen, Öle, Fette, Kraftstoffe und chemische Lösungen moderiert. Nicht-resistente, oder schwach gegen konzentrierte Säuren, Ketone, Ester, Kohlenwasserstoffe, chlorierte.

## U 025



#### Norme:

Standard of reference:  
Regeln:

DIN 53453-DIN EN ISO 179 Direttiva 2002/95/CEE (RoHS)  
DIN 53453-DIN EN ISO 179 Directiv 2002/95/CEE (RoHS)  
DIN 53453-DIN EN ISO 179 Richtlinie 2002/95/CEE (RoHS)

Codice / Code	Dimensioni Dimensions Größe		Tolleranza Tolerance Toleranz		Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Raggio di curvatura Bending ray Krümmungsradius	Lungh. rotolo Coil length Rolle
	Ø est mm	Ø int mm	Ø est mm	Ø int mm	bar (23°C)	bar (23°C)	mm (23°C)	Mt
U1000425	4	2,5	±0,1	±0,2	10	40	15	100
U1000604	6	4	±0,1	±0,2	10	40	18	100
U1000855	8	5,5	±0,1	±0,2	10	40	30	100
U1000806	8	6	±0,1	±0,2	7	28	35	100
U1001065	10	6,5	±0,15	±0,2	10	40	30	100
U1001075	10	7,5	±0,15	±0,2	7,5	30	40	100
U1001008	10	8	±0,15	±0,3	5,5	22	45	100
U1001209	12	9	±0,15	±0,3	6	25	50	100
U0250425	4	2,5	±0,1	±0,2	10	40	15	25
U0250604	6	4	±0,1	±0,2	10	40	18	25
U0250806	8	6	±0,1	±0,2	7	28	35	25
U0251008	10	8	±0,15	±0,3	5,5	22	45	25
U0251209	12	9	±0,15	±0,3	6	25	50	25

Temperatura di utilizzo: -40°C / +60°C  
Working temperature: -40°C / +60°C  
Betriebstemperatur: -40°C / +60°C

Colori standard a magazzino:  
Colours available in stock:  
Standard Farbe im Lager:

U100: azzurro, neutro, nero - U025: azzurro. Altri colori su richiesta  
U100: light blue, neutral, black - U025: light blue. Other colours on demand  
U100: Blau - Neutral - Schwarz - U025: Blau. Auf Anfrage andere Farben

### Tabella di correzione dei valori della pressione di utilizzo al variare della temperatura

Correction value scale for working pressure according to the temperature

Steigungskorrektur Betriebsdruck als die Temperatur variiert

Temperatura Temperature Temperatur	-20°C	0°C	+23°C	+30°C	+40°C	+50°C	+60°C	+70°C
Coefficiente Coefficient Koeffizient	1,87 Bar	1,40 Bar	1 Bar	0,84 Bar	0,70 Bar	0,60 Bar	0,52 Bar	0,47 Bar

### R 100



### R 025



#### Tubo RILSAN® PA11

RILSAN® tube PA11  
Polyamid RILSAN® PA11

#### CARATTERISTICHE TECNICHE:

- elevate proprietà meccaniche
- buone proprietà dielettriche
- eccellente resistenza alla trazione
- basso assorbimento dell'acqua
- elevata resistenza alla pressione
- eccellente stabilità ad alte temperature
- notevole resistenza all'invecchiamento
- notevole resistenza agli idrocarburi ed olii
- elevata resistenza agli estremi climatici
- elevata resistenza d'impatto a temperature inferiori allo zero
- elevata resistenza all'attacco da parte della maggior parte degli agenti chimici

#### TECHNICAL CHARACTERISTICS:

- superior mechanical properties
- good dielectric properties
- excellent impact strength
- low water absorption
- high pressure resistance
- excellent stability to the high temperatures
- good age resistance
- high resistance at the hydrocarbon and oils
- high resistance to the extreme weather conditions
- high impact resistance for temperatures lower than 0°C
- high resistance to attack by most chemicals agents
- excellent stability to the high temperatures

#### TECHNISCHE DATEN:

- Hohe mechanische Eigenschaften
- Gute dielektrische Eigenschaften
- Hervorragende Zugfestigkeit
- Geringe Wasseraufnahme
- Hohe Druckfestigkeit
- Hervorragende Stabilität bei hohen Temperaturen
- Hohe Beständigkeit gegen Alterung
- Hohe Beständigkeit gegen Kohlenwasserstoffe und Olee
- Hohe Beständigkeit gegen klimatische Extreme
- Hohe Schlagfestigkeit bei Minustemperaturen
- Hohe Beständigkeit gegen die meisten Chemikalien angreifen

Temperatura di utilizzo: -40°C / +80°C - Working temperature: -40°C / +80°C - Betriebstemperatur: -40°C / +80°C

Norme: ISO 1874 - DIN 74324 Direttiva 2002/95/CEE (RoHS)  
Standard of reference: ISO 1874 - DIN 74324 Direttiva 2002/95/CEE (RoHS)  
Regeln: ISO 1874 - DIN 74324 Direttiva 2002/95/CEE (RoHS)

Codice / Code	Dimensioni Dimensions Größe		Tolleranza Tolerance Toleranz		Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Raggio di curvatura Bending ray Krümmungsradius	Lungh. rotolo Coil length Rolle
	Ø est mm	Ø int mm	Ø est mm	Ø int mm	bar (23°C)	bar (23°C)	mm (23°C)	Mt
<b>R1000402</b>	4	2	±0.1	±0.2	44	132	16	100
<b>R1000425</b>	4	2.5	±0.1	±0.2	31	94	24	100
<b>R1000604</b>	6	4	±0.1	±0.2	28	84	30	100
<b>R1000806</b>	8	6	±0.1	±0.2	20	60	40	100
<b>R1001008</b>	10	8	±0.15	±0.2	16	48	60	100
<b>R1001210</b>	12	10	±0.15	±0.2	12	36	85	100
<b>R1001412</b>	14	12	±0.15	±0.3	10	30	90	100
<b>R0501512</b>	15	12.5	±0.15	±0.3	12	36	95	50
<b>R0250604</b>	6	4	±0.1	±0.2	28	84	30	25
<b>R0250806</b>	8	6	±0.1	±0.2	20	60	40	25
<b>R0251008</b>	10	8	±0.1	±0.2	16	48	60	25
<b>R0251210</b>	12	10	±0.15	±0.3	12	36	85	25

Temperatura di utilizzo: -40°C / +80°C  
Working temperature: -40°C / +80°C  
Betriebstemperatur: -40°C / +80°C

Colori standard a magazzino: Azzurro, neutro. Altri colori su richiesta  
Colours available in stock: Light blue, neutral. Other colours on demand  
Standard Farbe im Lager: Blau - Neutral. Auf Anfrage andere Farben

#### Tabella di correzione dei valori della pressione di utilizzo al variare della temperatura

Correction value scale for working pressure according to the temperature  
Steigungskorrektur Betriebsdruck als die Temperatur variiert

Temperatura Temperature Temperatur	0°C	23°C	30°C	40°C	50°C	60°C	70°C	80°C
Coefficiente Coefficient Koeffizient	x 1	x 1	x 0,87	x 0,74	x 0,64	x 0,57	x 0,52	x 0,47



# Spirali e tubi plastici industriali

Coils and industrial plastic tubes  
Schläuche und Spiraleschläuche

PA **06**



## Tubo poliammide PA6

Polyamide PA6 tubes  
Schläuche Polyamid PA6

### CARATTERISTICHE TECNICHE:

- elevate proprietà meccaniche alle trazioni continue ed alternate
  - limitata flessibilità
  - limitata stabilità al calore
  - basso assorbimento dell'acqua
  - notevole resistenza agli idrocarburi ed agli oli
  - buona inerzia agli agenti chimici
  - resistente a temperature continue di 80°C
- Norme: ISO 1874 – DIN 73378

### TECHNICAL CHARACTERISTICS:

- elevated mechanical properties to traction continuous and alternate
  - low flexibility
  - limited stability to heat
  - low water absorption
  - good resistance to hydrocarbons and oils
  - good inertness to chemical agents
  - resistant to continuous temperatures of 80°C
- Standard of reference: ISO 1874 – DIN 73378

### TECHNISCHE DATEN:

- Hohe mechanische Eigenschaften in Zug- und Wechselstrom
  - Eingeschränkte Flexibilität
  - Limited Hitzestabilität
  - Geringe Wasseraufnahme
  - Hohe Beständigkeit gegen Kohlenwasserstoffe und Öle
  - Gute Inertheit gegenüber chemischen Stoffen
  - Beständig gegen kontinuierliche Temperaturen von 80 °C
- Standards: ISO 1874 – DIN 73378

Codice / Code	Dimensioni Dimensions Größe		Tolleranza Tolerance Toleranz		Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Raggio di curvatura Bending ray Krümmungsradius	Lungh. rotolo Coil length Rolle
	Ø est mm	Ø int mm	Ø est mm	Ø int mm	bar (23°C)	bar (23°C)	mm (23°C)	Mt
<b>PA060402</b>	4	2	±0.1	±0.2	55	165	25	100
<b>PA060425</b>	4	2.5	±0.1	±0.2	36	110	25	100
<b>PA060604</b>	6	4	±0.1	±0.2	27	81	60	100
<b>PA060806</b>	8	6	±0.1	±0.2	20	60	100	100
<b>PA061008</b>	10	8	±0.15	±0.3	15	45	150	100
<b>PA061210</b>	12	10	±0.15	±0.3	13	39	200	100

Colori standard a magazzino:

Colours available in stock:

Standard Farbe im Lager:

Neutro - Nero su richiesta

Neutral - Black on demand

Neutral - Schwarz Auf Anfrage

## Tabella di correzione dei valori della pressione di utilizzo al variare della temperatura

Correction value scale for working pressure according to the temperature

Steigungskorrektur Betriebsdruck als die Temperatur variiert

Temperatura Temperature Temperatur	-20°C	0°C	+23°C	+30°C	+40°C	+50°C	+60°C
Coefficiente Coefficient Koeffizient	x 1.87	x 1.4	x 1	x 0.9	x 0.8	x 0.7	x 0.7

### PEBD



#### Tubo Polietilene bassa densità

Polyethylene low density tubes  
Polyethylenschlauche Geringer Dichte

##### CARATTERISTICHE TECNICHE:

- elevata resistenza all'impatto
- poco sensibile all'effetto "click" e "stress cracking"
- eccellente resistenza agli agenti chimici
- totalmente riciclabile
- buone proprietà elettriche
- ottima flessibilità

##### Note:

Si consiglia di non montare il tubo in polietilene con raccordi che ne deformino troppo l'estremità in quanto tale materiale non sopporta allargamenti oltre il 15% circa. Problemi di crepe potrebbero verificarsi con raccordi non idonei.

##### NORME:

- D.M. 21/03/73 e successivi aggiornamenti
- Reg. UE n. 10/2011 della Commissione del 14 gennaio 2011 riguardante i materiali e gli oggetti di materia plastica destinati a venire a contatto con i prodotti alimentari.
- FDA 21 CFR 177.1520
- Farmacopea Europea 3.1.3 e 3.1.4
- D.M. n°174 del 06/04/04
- USP 28
- Direttiva 2002/95/CEE (RoHS)
- Norme SK

##### TECHNICAL CHARACTERISTICS:

- High impact resistance
- Low sensibility to "click" and "stress cracking" effects
- Excellent resistance to chemical agents
- Totally recyclable
- Good electrical properties
- Very good flexibility

##### Notes:

It is recommended to avoid connecting the polyethylene tubing with fittings that may deform its extremity, because this material does not resist to enlargements approximately over 15%. "Creep" problems could occur with non- suitable fittings.

##### STANDARD OF REFERENCE:

- D.M. 21/03/73 and following adjournment
- Reg. UE n. 10/2011 of Commission of 14 January 2011 on materials and articles made of plastic material intended to come into contact with foodstuffs
- FDA 21 CFR 177.1520
- European Pharmacopoeia 3.1.3 e 3.1.4
- D.M. n°174 del 06/04/04
- USP 28
- Directive 2002/95/CEE (RoHS)
- SK norm

##### TECHNISCHE DATEN:

- Hohe Schlagfestigkeit
- Unempfindlich gegen die Wirkung "Klick" und "Spannungsrisse"
- Ausgezeichnete Beständigkeit gegen Chemikalien
- Vollständig recycelbar
- Gute elektrische Eigenschaften
- Hohe Flexibilität

##### Hinweise:

Sie sollten nicht montieren Polyethylen Formstücke, die zu viel als solches Material 10estremität nicht ausstehen kann Vergrößerungen bis 15% zu verformen. Probleme einschleichen können mit Armaturen ungeeignet auftreten.

##### REGELN:

- D.M. 21/03/73 und nachfolgende Aktualisierungen
- EU-Verordnung n.10/2011 der Kommission vom 14. Januar 2011 über Materialien und Gegenstände aus Kunststoff, die dazu bestimmt sind, mit Lebensmitteln zu kommen.
- FDA 21 CFR 177.1520
- Europäische Arzneibuch 3.1.3 e 3.1.4
- Ministerialdekret Nr. 174 von 06/04/04
- USP 28
- Richtlinie 2002/95/CEE (RoHS)
- Regeln SK

Codice / Code	Dimensioni Dimensions Größe		Tolleranza Tolerance Toleranz		Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Raggio di curvatura Bending ray Krümmungsradius	Lungh. rotolo Coil length Rolle
	Ø est mm	Ø int mm	Ø est mm	Ø int mm	bar (23°C)	bar (23°C)	mm (23°C)	Mt
PEBD0402	4	2	±0.1	±0.2	18.5	75	20	100
PEBD0425	4	2.5	±0.1	±0.2	15	60	25	100
PEBD0503	5	3	±0.1	±0.2	12.5	50	30	100
PEBD0604	6	4	±0.1	±0.2	10	40	40	100
PEBD0805	8	5	±0.15	±0.2	10	40	40	100
PEBD0855	8	5.5	±0.15	±0.2	9	36	40	100
PEBD0806	8	6	±0.1	±0.2	7.5	30	50	100
PEBD1007	10	7	±0.15	±0.2	10	40	100	100
PEBD1008	10	8	±0.15	±0.3	6	25	120	100
PEBD1208	12	8	±0.15	±0.3	7.5	30	160	100
PEBD1209	12	9	±0.15	±0.3	7	28	120	100
PEBD1210	12	10	±0.15	±0.3	5	20	120	100
PEBD1512	15	12.5	±0.15	±0.3	5	20	120	100
PEBD2017	20	17	±0.15	±0.3	4	16	150	100

Temperatura di utilizzo: da -20°C a +60°C  
Temperature range: from -4°F to 140°F  
Betriebstemperatur: -20 ° C bis +60 ° C

Colori standard a magazzino: Neutro, altri su richiesta  
Colours available in stock: Neutral, others on demand  
Standardfarben im Lager: Neutral, andere auf Anfrage

#### Tabella di correzione dei valori della pressione di utilizzo al variare della temperatura

Correction value scale for working pressure according to the temperature  
Steigungskorrektur Betriebsdruck als die Temperatur variiert

Temperatura Temperature Temperatur	-20°C	0°C	+23°C	+30°C	+40°C	+50°C	+60°C
Coefficiente Coefficient Koeffizient	x 1.87	x 1.4	x 1	x 0.8	x 0.6	x 0.5	x 0.4

# Spirali e tubi plastici industriali

Coils and industrial plastic tubes  
Schläuche und Spiraleschläuche

## P 100



### Tubo poliammide PA12

Polyamide tube PA12  
Polyamid PA12

#### CARATTERISTICHE TECNICHE:

- elevate proprietà meccaniche alla trazione ed alla flessione continua ed alterna
- notevole flessibilità
- buona stabilità al calore
- notevole resistenza all'invecchiamento
- basso assorbimento d'acqua
- notevole resistenza agli idrocarburi e olii e buona inerzia agli agenti chimici

#### TECHNICAL CHARACTERISTICS:

- high mechanical properties to traction and to continuous & alternate flexion
- notable flexibility
- good stability to heat
- remarkable resistance to aging
- low water absorption
- remarkable resistance to hydrocarbons and oils and good inertness to chemical agents

#### TECHNISCHE DATEN:

- Hohe mechanische Zug- und Biegefestigkeit und Wechselstrom
- Erhebliche Flexibilität
- Gute Hitzebeständigkeit
- Hohe Beständigkeit gegen Alterung
- Geringe Wasseraufnahme
- Hohe Beständigkeit gegen Kohlenwasserstoffe und Öle sowie gute Inertheit gegenüber chemischen Stoffen

## P 025



Codice / Code	Dimensioni Dimensions Größe		Tolleranza Tolerance Toleranz		Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Raggio di curvatura Bending ray Krümmungsradius	Lungh. rotolo Coil length Rolle
	Ø est mm	Ø int mm	Ø est mm	Ø int mm	bar (23°C)	bar (23°C)	mm (23°C)	Mt
<b>P1000402</b>	4	2	±0.1	±0.2	44	130	15	100
<b>P1000425</b>	4	2.5	±0.1	±0.2	36	108	20	100
<b>P1000604</b>	6	4	±0.1	±0.2	27	81	30	100
<b>P1000806</b>	8	6	±0.1	±0.2	20	60	40	100
<b>P1001008</b>	10	8	±0.15	±0.2	15	45	60	100
<b>P1001210</b>	12	10	±0.15	±0.2	12	36	85	100
<b>P1001412</b>	14	12	±0.15	±0.3	11	33	90	100
<b>P0501512</b>	15	12.5	±0.1	±0.3	12	36	90	50
<b>P0250402</b>	4	2	±0.1	±0.2	44	130	15	25
<b>P0250425</b>	4	2.5	±0.1	±0.2	36	108	20	25
<b>P0250604</b>	6	4	±0.1	±0.2	27	81	30	25
<b>P0250806</b>	8	6	±0.15	±0.2	20	60	40	25
<b>P0251008</b>	10	8	±0.15	±0.2	15	45	60	25
<b>P0251210</b>	12	10	±0.15	±0.2	12	36	85	25
<b>P0251412</b>	14	12	±0.15	±0.3	11	33	90	25

Temperatura di utilizzo: -40°C / +70°C  
Working temperature: -40°C / +70°C  
Betriebstemperatur: -40°C / +70°C

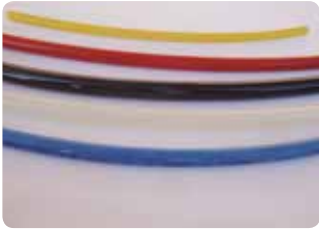
Colori standard a magazzino: Azzurro, neutro. Altri colori su richiesta  
Colours available in stock: Light blue, neutral. Other colours on demand  
Standard Farbe im Lager: Blau, Neutral. Auf Anfrage andere Farben

### Tabella di correzione dei valori della pressione di utilizzo al variare della temperatura

Correction value scale for working pressure according to the temperature  
Steigungskorrektur Betriebsdruck als die Temperatur variiert

Temperatura Temperature Temperatur	-20°C	0°C	+23°C	+30°C	+40°C	+50°C	+60°C
Coefficiente Coefficient Koeffizient	1.87 Bar	1.40 Bar	1 Bar	0.90 Bar	0.80 Bar	0.70 Bar	0.60 Bar

## PA 100



## PA 025



### Tubo PA10-12

Tube PA10-12  
Schlauch PA10-12

I tubi PA100 e PA025 sono realizzati utilizzando un polimero innovativo chiamato PA10.12. Tale materiale riesce ad offrire le medesime caratteristiche garantite dalle PA11 e PA12 in termini di:

- ottima resistenza alla pressione
- eccellente resistenza chimica
- ottima resistenza all'idrolisi
- stabilità dimensionale
- ottima resistenza al calore e ai raggi UV

PA100 and PA025 tubes are produced with an innovative polymer named PA10.12. This material offers very good characteristic, able to replace one to one PA12 and PA11, such as:

- high working pressure
- good chemical resistance
- very good hydrolysis resistance
- excellent dimensional stability
- good temperature and UV rays resistance

Die Rohre PA100 und PA025 werden unter Verwendung eines Polymers als innovativer PA10.12. Dieses Material ist in der Lage zu bieten, die dieselben Eigenschaften von der PA11 und PA12 sind in Bezug gewährleistet:

- Ausgezeichnete Beständigkeit gegen Druck
- Ausgezeichnete chemische Beständigkeit
- Ausgezeichnete Beständigkeit gegen Hydrolyse
- Dimensionsstabilität
- Ausgezeichnete Beständigkeit gegen Hitze und UV-Strahlen

Codice / Code	Dimensioni Dimensions Größe		Tolleranza Tolerance Toleranz	Pressione di utilizzo Working pressure Betriebsdruck	Raggio di curvatura Bending ray Krümmungsradius	Lungh. rotolo Coil length Rolle
	Ø est mm	Ø int mm	Ø est mm	bar (23°C)	mm (23°C)	Mt
PA1000402	4	2	±0.1	47	15	100
PA1000425	4	2,5	±0.1	32	20	100
PA1000604	6	4	±0.1	28	35	100
PA1000806	8	6	±0.1	20	40	100
PA1001008	10	8	±0.1	16	60	100
PA1001210	12	10	±0.15	13	85	100
PA1001412	14	12	±0.15	11	95	100
PA1001512	15	12.5	±0.15	13	95	100
PA0250402	4	2	±0.1	47	15	25
PA0250604	6	4	±0.1	28	35	25
PA0250806	8	6	±0.1	20	40	25
PA0251008	10	8	±0.1	16	60	25
PA0251210	12	10	±0.15	13	85	25

Temperatura di utilizzo: da -60°C a +130°C  
Temperature range: from -76°F to 266°F  
Betriebstemperatur: -60° C bis +130° C

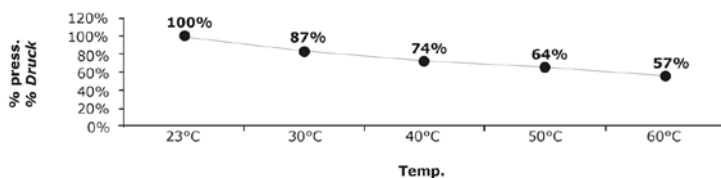
Colori standard a magazzino:  
Colours available in stock:  
Standard Farbe im Lager:

PA100 neutro, azzurro, nero. Su richiesta rosso, giallo, verde. PA025 neutro.  
PA100 Neutral, light blue, black. On demand red, yellow, green. PA025 neutral.  
PA100 Neutral, Blau, Schwarz. Auf Anfrage: rot, dunkelblau, gelb, orange, grün. PA025 Neutral.

### Variazione delle pressioni in funzione della temperatura

Pressure variation as function of temperature

Steigungskorrektur Druck als die Temperatur variiert



# Spirali e tubi plastici industriali

Coils and industrial plastic tubes  
Schläuche und Spiraleschläuche

## COPU

new



## CU 050

new



### Tubo co-poliuretano 55 Sh D

Co-Polyurethane 55 Sh D tubes  
Polyurethan Schlauch 55 Sh D

#### CARATTERISTICHE TECNICHE:

Questo innovativo tubo consente di avere le migliori caratteristiche del poliuretano e del poliammide in un unico prodotto. I tubi C.Star, realizzati con un'esclusiva miscela di co-poliuretano offrono:

- Elevata flessibilità
- Ottimi raggi di curvatura (uguale a un PU sh98 A)
- Buone tolleranze (simile a un PA12 PHL)
- Resistenza all'acqua (uguale a un PA12 PHL)
- Discreta resistenza agli agenti chimici (superiore a un PU sh98 A)
- Discreta resistenza alla temperatura (superiore a un PU sh98 A).

Questi tubi risultano ideali per il mercato della pneumatica industriale in cui sono necessari raggi di curvatura molto ristretti, pressioni fino a 12 bar (rispetto a 8 bar del poliuretano) e maneggevolezza nei montaggi grazie al perfetto inserimento nei raccordi ad innesto rapido.

#### TECHNICAL CHARACTERISTICS:

This very innovative tube combines in one product the best properties of polyurethane and the ones of the Polyamide. C.Star tubes are made of an exclusive recipe of co-polyurethane and offers:

- High flexibility
- Excellent bending radius
- Tighter tolerances than PU
- Good hydrolysis resistance
- Good chemical resistance
- Excellent temperature resistance.

These tubes are particularly indicated for the pneumatic market where tight bending radius for mounting in narrow cabins are requested together with pressure > 12 bars and push-in fittings.

#### TECHNISCHE DATEN:

Diese sehr innovative Röhre vereint in einem Produkt die besten Eigenschaften des Polyurethans und die des Polyamids. C.Star Röhren werden einer exklusiven Verbindung von Co-Polyurethan und garantisieren:

- Hohe Flexibilität
- Sehr gute Biegeradien
- Engere Toleranzen als PU
- Gute Hydrolysebeständigkeit
- Gute chemische Beständigkeit
- Exzellente Temperatur Beständigkeit.

Diese Röhre sind insbesondere für die pneumatische Markt deutet wo enge Biegeradius für die Montage in engen Kabinen werden gebeten, zusammen mit Druck > 12 bar und Steckverschraubungen.

Codice / Code	Dimensioni Dimensions Größe		Tolleranza Tolerance Toleranz	Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Raggio di curvatura Bending ray Krümmungsradius	Lungh. rotolo Coil length Rolle
	Ø est mm	Ø int mm					
<b>COPU0425</b>	4	2,5	±0.10	22	65	10	100
<b>COPU0604</b>	6	4	±0.10	19	57	15	100
<b>COPU0806</b>	8	6	±0.10	16	47	25	100
<b>COPU1008</b>	10	8	±0.10	12	36	35	100
<b>COPU1210</b>	12	10	±0.10	8	25	60	100
<b>CU0500425</b>	4	2,5	±0.10	22	65	10	50
<b>CU0500604</b>	6	4	±0.10	19	57	15	50
<b>CU0500806</b>	8	6	±0.10	16	47	25	50
<b>CU0501008</b>	10	8	±0.10	12	36	35	50
<b>CU0501210</b>	12	10	±0.10	8	25	60	50

Temperatura di utilizzo: -40°C / +100°C  
Working temperature: -40°C / +100°C  
Betriebstemperatur: -40°C / +100°C

Colori standard a magazzino: azzurro, neutro. Altri colori su richiesta  
Colours available in stock: light blue, neutral. Other colours on demand  
Standard Farbe im Lager: Blau - Neutral. Auf Anfrage andere Farben

### Tabella di correzione dei valori della pressione di utilizzo al variare della temperatura

Correction value scale for working pressure according to the temperature

Steigungskorrektur Betriebsdruck als die Temperatur variiert

Temperatura Temperature Temperatur	+23°C	+30°C	+40°C	+50°C	+60°C
Coefficiente Coefficient Koeffizient	1 Bar	0,83 Bar	0,71 Bar	0,62 Bar	0,55 Bar

### COPEY



### CY 025



#### Tubo COPEY PA SUPERFLEX

COPEY PA superflex tube  
COPEY PA SUPERFLEX Schlauch

#### CARATTERISTICHE TECNICHE:

- Eccellente resistenza al creep e all'impatto
- Eccellenti proprietà a temperature elevate
- Eccellente stabilità al calore per lunghi periodi
- Eccellente resistenza agli agenti chimici, oli, solventi e agenti atmosferici

#### TECHNICAL CHARACTERISTICS:

- Excellent creep and impact resistance
- Excellent properties at elevated temperatures
- Excellent stability at heat for long time
- Excellent resistance at chemical agents, oils, solvents and atmospheric agents.

#### TECHNISCHE DATEN:

- Hervorragende Kriechfestigkeit und Auswirkungen
- Hervorragende Eigenschaften bei erhöhten Temperaturen
- Hervorragende thermische Stabilität über lange Zeiträume
- Ausgezeichnete Beständigkeit gegen Chemikalien, Öle, Lösungsmittel und Witterungseinflüsse

#### Norme:

Standard of reference:  
Regeln:

ISO 527-1/-2; FDA 21 CFR175.300, 21CFR177.1590, 21CFR177.2600  
ISO 527-1/-2; FDA 21 CFR175.300, 21CFR177.1590, 21CFR177.2600  
ISO 527-1/-2; FDA 21 CFR175.300, 21CFR177.1590, 21CFR177.2600

Codice / Code	Dimensioni Dimensions Größe		Tolleranza Tolerance Toleranz		Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Raggio di curvatura Bending ray Krümmungsradius	Lungh. rotolo Coil length Rolle
	Ø est mm	Ø int mm	Ø est mm	Ø int mm	bar (23°C)	bar (23°C)	mm (23°C)	Mt
<b>COPEY0425</b>	4	2.5	±0.1	±0.2	22	88	20	100
<b>COPEY0604</b>	6	4	±0.1	±0.2	16	64	35	100
<b>COPEY0806</b>	8	6	±0.1	±0.2	15	60	40	100
<b>COPEY1008</b>	10	8	±0.15	±0.3	14	56	55	100
<b>COPEY1209</b>	12	9	±0.15	±0.3	13	50	80	100
<b>COPEY1210</b>	12	10	±0.15	±0.2	10	40	80	100
<b>COPEY1411</b>	14	11	±0.15	±0.3	10	40	80	100
<b>COPEY100850</b>	10	8	±0.15	±0.3	14	56	55	50
<b>CY0250402</b>	4	2	±0.1	±0.2	30	120	15	25
<b>CY0250604</b>	6	4	±0.1	±0.2	16	64	35	25
<b>CY0250806</b>	8	6	±0.1	±0.2	15	60	40	25
<b>CY0251008</b>	10	8	±0.15	±0.3	14	56	55	25
<b>CY0251210</b>	12	10	±0.15	±0.3	10	40	50	25

Temperatura di utilizzo: -30°C / +80°C  
Working temperature: -30°C / +80°C  
Betriebstemperatur: -30°C / +80°C

Articoli fornibili su richiesta  
Articles suppliable on demand  
Artikeln zur Verfügung als gefragt

#### Tabella di correzione dei valori della pressione di utilizzo al variare della temperatura

Correction value scale for working pressure according to the temperature

Steigungskorrektur Betriebsdruck als die Temperatur variiert

Temperatura Temperature Temperatur	-30°C	0°C	+23°C	+40°C	+60°C	+90°C	+100°C
Coefficiente Coefficient Koeffizient	2 Bar	1.50 Bar	1 Bar	0.95 Bar	0.90 Bar	0.85 Bar	0.70 Bar



# Spirali e tubi plastici industriali

Coils and industrial plastic tubes  
Schläuche und Spiraleschläuche

## T 050



### Tubo PTFE

PTFE tube  
PTFE Schlauch

#### Applicazioni:

Le tubazioni della serie PTFE sono state create principalmente per la conduzione di vernici, oli, aria, acqua, fluidi a base acquosa in genere e vapore. Tubazioni non idonee per il passaggio di ossigeno, vapore saturo in pressione e cariche elettrostatiche. Tubazioni realizzate nella versione standard in colorazione naturale; a richiesta altri colori

#### Applications:

The hoses in the PTFE series have been created mainly for conduction of paints, oil, air, water, fluids containing water in general and steam. Hoses not suitable for the through flow of oxygen, saturated steam under pressure and electrostatic charges. Standard version hoses are produced in natural Colours. Other Colours are available on request.

#### Anwendungen:

Die Rohre der Reihe PTFE wurden hauptsächlich für die Leitung von Lacken, Öl, Luft, Wasser, Flüssigkeiten auf Wasserbasis im Allgemeinen und Wasserdampf geschaffen. Rohrleitungs ungeeignet für den Durchgang von Sauerstoff, Satttdampf unter Druck und elektrostatischer Aufladungen. Rohren in der Standardversion in Naturfarbe, andere Farben auf Anfrage.

Codice / Code	Dimensioni Dimensions Größe		Tolleranza Tolerance Toleranz	Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Raggio di curvatura Bending ray Krümmungsradius	Lungh. rotolo Coil length Rolle
	Ø est mm	Ø int mm	Ø int mm	bar (23°C)	bar (23°C)	mm (23°C)	Mt
<b>T0500402</b>	4	2	±0.1	22	88	20	50
<b>T0500604</b>	6	4	±0.1	16	64	35	50
<b>T0500806</b>	8	6	±0.15	15	60	40	50
<b>T0501008</b>	10	8	±0.2	14	56	55	50
<b>T0501210</b>	12	10	±0.2	13	50	80	50
<b>T0501412</b>	14	12	±0.3	10	40	80	50

Temperatura di utilizzo: -60°C / +260°C  
Working temperature: -60°C / +260°C  
Betriebstemperatur: -60°C / +260°C

Colori standard a magazzino:  
Colours available in stock:  
Standard Farbe im Lager:

Neutro. Altri colori su richiesta  
Neutral. Other colours on demand  
Neutral. Auf Anfrage andere Farben

## PVDF



### Tubo PVDF

PVDF tube  
PVDF Schlauch

#### CARATTERISTICHE TECNICHE:

Il PVDF, esente da ogni additivo, ha la stabilità intrinseca tipica dei fluoro-polimeri, quando esposto a dure condizioni ambientali. Fornisce all'utilizzatore una combinazione unica di proprietà che conducono alla vita più lunga dell'attrezzatura.

Le più importanti proprietà del PVDF sono elencate di seguito: eccellente resistenza chimica alle sostanze e solventi più aggressivi, eccellente forza meccanica e durezza, alta resistenza all'abrasione, alte capacità di temperature, eccellente resistenza all'invecchiamento, alta purezza, resistenza agli UV e radiazioni nucleari, eccellente resistenza intrinseca al fuoco, resistenza agli agenti atmosferici, bassa permeabilità ai gas e liquidi.

#### TECHNICAL CHARACTERISTICS:

The PVDF, free of any additive, has the typical intrinsic stability of the fluoropolymer, when it is exposed to hard environment conditions. It supply to the user a unique combination of properties that gives longer life to the tools.

The most important properties of PVDF are here listed: excellent chemical resistance to the more aggressive substances and solvents, excellent mechanical strength and hardness, high abrasion resistance, high temperature capacity, excellent aging resistance, high purity, resistance to UV and nuclear radiations, excellent resistance to fire, resistance to the environment agents, low permeability to gas and liquids.

#### TECHNISCHE DATEN:

PVDF, frei von jeglichem Additiv, hat es die Eigenstabilität typisch für Fluor-Polymeren, im rauen Umweltbedingungen ausgesetzt. Bietet dem Anwender eine einzigartige Kombination von Eigenschaften, ausgezeichnete mechanische Festigkeit und Härte, die für eine längere Lebensdauer der Geräte führen. Die wichtigsten Eigenschaften von PVDF sind nachfolgend aufgeführt: ausgezeichnete Beständigkeit gegenüber chemischen Substanzen und Lösungsmitteln aggressiver, hohe Abriebfestigkeit, hohe Temperaturbeständigkeit, sehr gute Alterungsbeständigkeit, hohe Reinheit, UV-Beständigkeit und nukleare Strahlung, ausgezeichnete intrinsische Flammwidrigkeit, Witterungsbeständigkeit, geringe Durchlässigkeit für Gase und Flüssigkeiten.

Codice / Code	Dimensioni Dimensions Größe		Tolleranza Tolerance Toleranz		Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Raggio di curvatura Bending ray Krümmungsradius	Lung. rotolo Coil length Rolle
	Ø est mm	Ø int mm	Ø est mm	Ø int mm	bar (23°C)	bar (23°C)	mm (23°C)	Mt
<b>PVDF0402NT</b>	4	2	±0.05	±0.2	56	167	20	50
<b>PVDF0604NT</b>	6	4	±0.05	±0.2	33	100	35	50
<b>PVDF0806NT</b>	8	6	±0.05	±0.2	24	71	40	50
<b>PVDF1008NT</b>	10	8	±0.1	±0.3	19	56	60	50
<b>PVDF1210NT</b>	12	10	±0.15	±0.3	15	45	100	100

Temperatura di utilizzo: da -20°C a +100°C - Temperature range: from -4°F to 212°F - Betriebstemperatur: -20° C bis +100° C

#### APPLICAZIONI:

questo tipo di materiale risulta essere particolarmente indicato per la realizzazione di tubi per pneumatica, elettronica, robotica, utensileria, macchine industriali ecc, ovvero quando vi sia l'esigenza di resistenza chimica e proprietà termo-meccaniche (industria di lavorazione chimica e generale), qualità di superficie e valori di bassa estrazione (mercato della semiconduzione con un'alta purezza) resistenza del fuoco ed emissione di fumo di minimo (industria rivestimento cavi).

NORME: FDA 177.1520.

#### APPLICATIONS:

this type of material is particularly indicated for the realisation of tube for pneumatic, electronic, robotic, tool, industrial machines etc..., that means when there is the need of chemical resistance and thermal-mechanical properties (chemical and generic industry), surface quality and low extraction value (market of the semi-conduction with high purity) resistance to fire and minimum smoke emission (industry of coat cable).

STANDARD OF REFERENCE: FDA 177.1520.

#### ANWENDUNGEN:

diese Art von Material eignet sich besonders für die Realisierung von Rohren für die Pneumatik, Elektronik, Robotik, Werkzeugmaschinen, Industriemaschinen, etc. ..., das heißt, wenn es die Notwendigkeit für chemische Beständigkeit und thermo-mechanischen Eigenschaften (Industrie chemischen und allgemein), Oberflächengüte und Werte der niedrig (Halbleiter-Markt mit einer hohen Reinheit) Feuerbeständigkeit und Rauchentwicklung Minimum (Kabel Lackindustrie)

STANDARD: FDA 177.1520.

### Tabella di correzione dei valori della pressione di utilizzo al variare della temperatura

Correction value scale for working pressure according to the temperature  
Steigungskorrektur Betriebsdruck als die Temperatur variiert

Temperatura Temperature Temperatur	-20°C	0°C	+23°C	+30°C	+40°C	+50°C	+60°C
Coefficiente Coefficient Koeffizient	x 1.87	x 1.4	x 1	x 0.9	x 0.8	x 0.7	x 0.6

# Spirali e tubi plastici industriali

Coils and industrial plastic tubes  
Schläuche und Spiraleschläuche

## PVRA



### Tubo PVC retinato alimentare

Cristal braided PVC non toxic hose  
NSF Schlauch

#### CARATTERISTICHE TECNICHE:

Tubo in PVC flessibile rinforzato con inserto tessile in poliestere ad alta tenacità.  
Prodotto nella versione atossico secondo DM 21/3/73 e successivi aggiornamenti, direttiva CEE 90/128 e modifiche.

#### APPLICAZIONI:

Per impianti chimici, sistemi di pulitura automatici, apparecchiature pneumatiche, indicatori di livello, travaso di acidi, sali, basi, trasporto di aggressivi chimici, aria compressa, industria alimentare, ecc.

#### TECHNICAL CHARACTERISTICS:

Flexible PVC hose with high tenacity polyester fibers reinforcement  
Available in the non-toxic version according Italian standards DM 21/3/73 and EEC directive 90/128 and subsequent updates.

#### APPLICATIONS:

Chemical plants, automatic cleaning systems, pneumatic machinery, level gages, acid, salt and base decanting, transport of chemical agents and compressed air, food industry, etc.

#### TECHNISCHE DATEN:

PVC-Schlauch, verstärkt mit flexiblen Tuchfutter in Polyester hochfest. Produkt für beide nicht giftig nach MD 03/21/73  
und nachfolgende Aktualisierungen, Richtlinien EWG 90/128 und Änderungen.

#### ANWENDUNGEN:

Für die chemische, automatische Reinigung, pneumatische Geräte, Messgeräte, Transfer von Säuren, Salzen, Laugen, Transport von Chemikalien, Druckluft, Lebensmittelindustrie usw.

Codice / Code	Dimensioni Dimensions Größe		Pressione di utilizzo Working pressure Betriebsdruck	Peso Weight Gewicht	Lungh. rotolo Coil length Rolle
	Ø est mm	Ø int mm	bar (23°C)	gr/mt	Mt
<b>PVRA0612</b>	12	6	20	110	100
<b>PVRA0814</b>	14	8	15	130	100
<b>PVRA1016</b>	16	10	15	155	100
<b>PVRA1319</b>	19	13	12	190	100
<b>PVRA1622</b>	22	16	10	230	50

Temperatura di utilizzo: da -10°C a +50°C  
Temperature range: from -14°F to 122°F  
Betriebstemperatur: -10°C bis +50°C

\* Non utilizzare con acqua calda  
\* Do not use with hot water  
\* Nicht mit heißem Wasser

\* Non sottoporre alla pressione per lungo tempo  
\* Do not keep under pressure for long periods of time  
\* Üben Sie keinen Druck aussetzen für eine lange Zeit

## PV 20



### Tubo PVC 20 Bar

PVC hose 20 Bar  
PVC Schlauch 20 Bar

#### APPLICAZIONI:

Idoneo alla mandata di acqua ed aria compressa ove siano richieste caratteristiche di leggerezza e flessibilità. Particolarmente indicato in agricoltura, nell'industria edile, cantieristica e navale.

#### APPLICATIONS:

Used for water and compressed air goof flexibility for agricultural and industrial purpose.

#### ANWENDUNGEN:

Geignet für die Förderung von Wasser und Druckluft, wo sie Merkmale für Leichtigkeit und Flexibilität. Besonders geeignet für die Landwirtschaft, die Bauindustrie, Schiffbau und Schifffahrt.

Codice / Code	Dimensioni Dimensions Größe		Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Lungh. rotolo Coil length Rolle
	Ø est mm	Ø int mm	bar (20°C)	bar (20°C)	Mt
<b>PV200614</b>	14	6	20	60	100
<b>PV200817</b>	17	8	20	60	100

Temperatura di utilizzo: da -5°C a +60°C  
Temperature range: from -5°C bis +60°C  
Betriebstemperatur: von -5°C bis +60°C

Colore: nero  
Colour: black  
Farbe: schwarz

## GMMA



### Tubo in gomma 20 Bar

Rubber hose 20 Bar  
Luftschlauch 20 Bar

#### STRUTTURA:

Tubo in gomma SBR con sottostrato liscio nero, rinforzo con inserzioni tessili e copertura esterna in gomma SBR/EPDM liscia nera resistente all'abrasione ed agli agenti atmosferici.

#### APPLICAZIONI:

Mandata aria compressa e fluidi inerti.

#### STRUCTURE:

SBR rubber hose with smooth, black inner tube, textile yarn reinforcement, black smooth abrasion, and weathering resistant SBR/EPDM rubber cover.

#### APPLICATIONS:

Compressed air and inert fluid delivery hose.

#### AUFBAU:

SBR Gummi-Schlauch mit glatten schwarzen Schlauch, verstärkt mit Garne und äußere Abdeckung des SBR / EPDM schwarz, glatt Abrieb- und Witterungsbeständigkeit aus.

#### ANWENDUNGEN:

Versorgung Druckluft und inerte Flüssigkeiten

Codice / Code	Dimensioni Dimensions Größe		Peso Weight Gewicht	Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Raggio di curvatura Bending ray Krümmungsradius	Lungh. rotolo Coil length Rolle
	Ø est mm	Ø int mm	Kg/mt	bar (23°C)	bar (23°C)	mm (23°C)	Mt
<b>GMMA0614</b>	14	6	0.18	20	60	50	100
<b>GMMA0817</b>	17	8	0.25	20	60	65	100
<b>GMMA1019</b>	19	10	0.29	20	60	80	100
<b>GMMA1323</b>	23	13	0.40	20	60	105	50
<b>GMMA1626</b>	26	16	0.48	20	60	130	50
<b>GMMA1930</b>	30	19	0.62	20	60	150	50

Temperatura di utilizzo: da -30°C a +80°C

Temperature range: from -22°F to 176°F

Betriebstemperatur: -30°C bis +80°C

## PORE



### Tubo poliuretano retinato flessibile

Braided flexible polyurethane hose  
Polyurethan Schlauch

#### CARATTERISTICHE TECNICHE:

tubo flessibile retinato in poliuretano per utensileria in genere, verniciatura, aerografi, soffiaggio, ecc.. Estremamente resistente all'abrasione e alla flessione grazie alle caratteristiche del poliuretano, le cui capacità sono 5 volte superiori al PVC tradizionale.

Resistente all'azione di gran parte dei prodotti chimici. Rinforzo tessile con poliestere ad alta tenacità.

#### TECHNICAL CHARACTERISTICS:

flexible hose in polyurethane for tools, painting, spray guns, etc. Extremely resistant to abrasion and flexion thanks to the polyurethane characteristic which are five times those of traditional PVC. Resistant to most chemical agents. High tenacity polyester fiber reinforcement.

#### TECHNISCHE DATEN:

geflochtene PU-Schlauch für Werkzeuge, Malerei, Spritzpistolen, Blasformen, usw. ....

Extrem langlebig all'abrasione und Biegung aufgrund der Eigenschaften der Polyurethan, deren Fähigkeiten sind 5-mal höher als bei herkömmlichen PVC. beständig gegen die meisten Chemikalien. Textile verstärkt mit hochfestem Polyester

Codice / Code	Dimensioni Dimensions Größe		Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Peso Weight Gewicht	Lungh. rotolo Coil length Rolle
	Ø est mm	Ø int mm	bar (23°C)	bar (23°C)	gr/mt	Mt
<b>PORE0610</b>	10	6	20	60	65	100
<b>PORE0812</b>	12	8	20	60	85	100
<b>PORE1015</b>	15	10	20	60	130	100
<b>PORE1319</b>	19	13	20	60	195	100
<b>PORE1623</b>	23	16	20	60	280	100

Colore: blu  
Colour: bleu  
Farbe: Blau

Temperatura di utilizzo: da -20°C a +60°C  
Temperature range: from -4°F to +140°F  
Betriebstemperatur: von -20°C bis +60°C

\* Non sottoporre alla pressione per lungo tempo  
\* Do not keep under pressure for long periods of time  
\* Üben Sie keinen Druck aussetzen für eine lange Zeit

# Spirali e tubi plastici industriali

Coils and industrial plastic tubes  
Schläuche und Spiraleschläuche

## PRRA



### Tubo poliuretano retinato "Ragno" 20 bar

Pu retined hoses "Ragno" 20 Bar  
Polyurethan "Ragno" 20 Bar

#### CARATTERISTICHE TECNICHE:

Tubo di peso inferiore di circa 2/3 ai convenzionali tubi di PVC e gomma. Flessibilità molto elevata ed angolo di curvatura molto ridotto che impedisce la strozzatura del tubo. Alta resistenza ad ozono, idrocarburi, grassi, oli e prodotti chimici moderatamente aggressivi.

#### STRUTTURA:

Tubo retinato in mescola composta da poliuretano antiabrasivo e gomma termoplastica

#### USO:

Per utensileria pneumatica in genere, aerografi, pistole per verniciatura, sabbatura, soffiaggio e gonfiaggio. Liquidi e vapori in condizioni d'impiego dove sia richiesta la scarica di correnti statiche a corredo delle macchine che prevedono la normativa ATEX.

#### TECHNICAL CHARACTERISTICS:

This hose is 2/3 lighter than conventional PVC and rubber hoses. High flexibility and narrow bending radius which prevents hose choking. High resistance to ozone, hydrocarbons, fats, oils and slightly aggressive chemical products.

#### STRUCTURE:

Reinforced hose made of an anti-abrasive PU and thermoplastic rubber compound.

#### USE:

Pneumatic tooling, spray- and painting guns, sandblasting, blow and inflation. Liquid and vapor form, where electrical conductivity is required from machines compliant with ATEX standards.

#### TECHNISCHE DATEN:

Schlauch, verstärkt mit Polyester-Garn, hohe Festigkeit. Sehr leicht und flexibel auch bei tiefen Temperaturen, hohe Abriebfestigkeit und Biegefestigkeit. Hohes Maß an Sicherheit auf den Armaturen.

#### AUFBAU:

Net Schlauch Verbindung besteht aus abriebfestem Polyurethan und thermoplastischem Gummi

#### USE:

Für Handwerkzeuge, pneumatisch, farbspritzpistolen Sandstrahlen, Blasen und Inflation. Flüssigkeiten und Dämpfen in betrieblichen Bedingungen, die die Entladung statischer Elektrizität versorgt Maschinen, die die ATEX-Bestimmungen vornehmen muss.

Codice / Code	Dimensioni Dimensions Größe		Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Peso Weight Gewicht	Lungh. rotolo Coil length Rolle
	Ø est mm	Ø int mm	bar (23°C)	bar (23°C)	gr/mt	
<b>PRRA0610</b>	10	6	20	60	70	100
<b>PRRA0812</b>	12	8	20	60	85	60
<b>PRRA1015</b>	15	10	20	60	130	50
<b>PRRA1319</b>	19	13	20	60	195	30
<b>PRRA1623</b>	23	16	20	60	250	25

Temperatura di utilizzo: da -15°C a +60°C  
Temperature range: from +5°F to +140°F  
Betriebstemperatur: von -15°C bis +60°C

Note: su richiesta fornibile tubo "Ragno" PU conduttivo  
Notes: on demand "Ragno" hose PU conductive  
Hinweise: auf Anfrage Schlauch "Ragno" PU leitfähig

## PRRF



### Tubo poliuretano retinato raccordato femmina

Retined hose PU with female fitting  
Polyurethan weiblichen verdrahtet

#### CARATTERISTICHE TECNICHE:

**Tubo flessibile con rinforzo tessile in poliestere alta resistenza all'abrasione per utensilerie in genere, verniciatura, soffiaggio. Non tossico in caso di combustione. Tubo interno in poliuretano con rinforzo in fibra di poliestere con esterno in poliuretano.**

#### APPLICAZIONI:

**Adatto al montaggio su avvolgi tubo automatici grazie alla sua particolare superficie esterna scivolosa e alla struttura non dilatibile in pressione.**

#### TECHNICAL CHARACTERISTICS.

Flexible hose with textile-reinforced polyester high resistance to abrasion for tools in general, painting, blowing. Non toxic when burned. Inner tube of polyurethane with fiber reinforced polyester with polyurethane outer.

#### APPLICAZIONI:

Suitable for mounting of automatic hose reel with its external surface slippery and non-expandable structure under pressure.

#### TECHNISCHE DATEN:

Schlauch mit Gewebeeinlage aus Polyester hohe Abriebfestigkeit für den Werkzeugbau im Allgemeinen, Malerei, Blasen. Non-toxic, wenn sie verbrannt. Innenrohr mit Polyurethan faserverstärkten Polyester äußeren Polyurethan.

#### ANWENDUNGEN:

Für die Montage auf Schlauchtrommel automatische dank seiner äußeren Oberfläche rutschig und Struktur in nicht erweiterbaren Druck

Codice / Code	Dimensioni Dimensions Größe		Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Peso Weight Gewicht	Lunghezza rotolo - raccordo Coil length - fitting Rolle Länge
	Ø est mm	Ø int mm	bar (23°C)	bar (23°C)	gr/mt	Mt
PRRF0610050	10	6	20	60	110	5 - 1/4F
PRRF0610075	10	6	20	60	110	7.5 - 1/4F
PRRF0610100	10	6	20	60	110	10 - 1/4F
PRRF0610150	10	6	20	60	110	15 - 1/4F
PRRF0812050	12	8	20	60	200	5 - 1/4F
PRRF0812075	12	8	20	60	200	7.5 - 1/4F
PRRF0812100	12	8	20	60	200	10 - 1/4F
PRRF0812150	12	8	20	60	200	15 - 1/4F
PRRF0812200	12	8	20	60	200	20 - 1/4F
PRRF0812250	12	8	20	60	200	25 - 1/4F
PRRF1015050	15	10	20	60	280	5 - 3/8F
PRRF1015075	15	10	20	60	280	7.5 - 3/8F
PRRF1015100	15	10	20	60	280	10 - 3/8F
PRRF1015150	15	10	20	60	280	15 - 3/8F
PRRF1015200	15	10	20	60	280	20 - 3/8F
PRRF1015250	15	10	20	60	280	25 - 3/8F
PRRF1319100	19	13	20	60	400	10 - 1/2F
PRRF1319150	19	13	20	60	400	15 - 1/2F
PRRF1319200	19	13	20	60	400	20 - 1/2F
PRRF1319250	19	13	20	60	400	25 - 1/2F

Temperatura di utilizzo: da -15°C a +65°C  
Temperature range: from +5°F to +149°F  
Betriebstemperatur: von -15°C bis +65°C



# Spirali e tubi plastici industriali

Coils and industrial plastic tubes  
Schläuche und Spiraleschläuche

## PRUG



### Tubo poliuretano retinato con rubinetto universale e innesto Germania

Retined hose PU with universal coupling + Germany plug  
Polyurethane mit Universal Ventil und Kupplungen Deutschland abgeschirmt

#### CARATTERISTICHE TECNICHE

Tubo flessibile con rinforzo tessile in poliestere alta resistenza all'abrasione per utensilerie in genere, verniciatura, soffiaggio. Non tossico in caso di combustione. Tubo interno in poliuretano con rinforzo in fibra di poliestere con esterno in poliuretano.

#### APPLICAZIONI

Adatto al montaggio su avvolgi tubo automatici grazie alla sua particolare superficie esterna scivolosa e alla struttura non dilatibile in pressione.

#### TECHNICAL CHARACTERISTICS

Flexible hose with textile-reinforced polyester high resistance to abrasion for tools in general, painting, blowing. Non toxic when burned. Inner tube of polyurethane with fiber reinforced polyester with polyurethane outer.

#### APPLICATIONS

Suitable for mounting of automatic hose reel with its external surface slippery and non-expandable structure under pressure.

#### TECHNISCHE DATEN:

Schlauch mit Gewebereinlage aus Polyester hohe Abriebfestigkeit für den Werkzeugbau im Allgemeinen, Malerei, Blasen. Non-toxic, wenn sie verbrannt. Innenrohr mit Polyurethan faserverstärkten Polyester äußeren Polyurethan.

#### ANWENDUNGEN

Für die Montage auf Schlauchtrommel automatische dank seiner äußeren Oberfläche rutschig und Struktur in nicht erweiterbaren Druck

Codice / Code	Dimensioni Dimensions Größe		Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Peso Weight Gewicht	Lungh. rotolo Coil length Rolle
	Ø est mm	Ø int mm	bar (23°C)	bar (23°C)	gr/mt	Mt
PRUG0610050	10	6	20	60	110	5
PRUG0610075	10	6	20	60	110	7.5
PRUG0610100	10	6	20	60	110	10
PRUG0610150	10	6	20	60	110	15
PRUG0812050	12	8	20	60	200	5
PRUG0812075	12	8	20	60	200	7.5
PRUG0812100	12	8	20	60	200	10
PRUG0812150	12	8	20	60	200	15
PRUG0812200	12	8	20	60	200	20
PRUG0812250	12	8	20	60	200	25
PRUG1015050	15	10	20	60	280	5
PRUG1015075	15	10	20	60	280	7.5
PRUG1015100	15	10	20	60	280	10
PRUG1015150	15	10	20	60	280	15
PRUG1015200	15	10	20	60	280	20
PRUG1015250	15	10	20	60	280	25

Temperatura di utilizzo: da -15°C a +65°C  
Temperature range: from +5°F to +149°F  
Betriebstemperatur: von -15°C bis +65°C

Su richiesta con innesto Italia  
On demand with Italian plug  
Auf Anfrage mit Kupplungen Italien

## PVRF



### Tubo PVC retinato raccordato femmina

PVC retined hose with female fitting  
PVC verbunden verkabelt weiblichen

#### CARATTERISTICHE TECNICHE

**Tubo flessibile retinato rinforzato con poliestere rifinito in PVC per aria compressa, soffiaggio e applicazioni industriali. Tubo flessibile resistente agli agenti atmosferici.**

#### TECHNICAL CHARACTERISTICS

Braided hose reinforced with polyester finished in PVC for compressed air, blow molding and industrial applications. Hose weatherproof.

#### TECHNISCHE DATEN:

Schlauch mit geflochtenem Polyester verstärkt fertig in PVC für Druckluft, Blasformen und industrielle Anwendungen. Hose witterungsbeständig

Codice / Code	Dimensioni Dimensions Größe		Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Peso Weight Gewicht	Lunghezza rotolo - raccordo Coil length - fitting Rolle Länge
	Ø est mm	Ø int mm	bar (23°C)	bar (23°C)	gr/mt	Mt
PVRF0612050	12	6	20	60	98	5 - 1/4F
PVRF0612075	12	6	20	60	98	7.5 - 1/4F
PVRF0612100	12	6	20	60	98	10 - 1/4F
PVRF0612150	12	6	20	60	98	15 - 1/4F
PVRF0813050	13	8	20	60	105	5 - 1/4F
PVRF0813075	13	8	20	60	105	7.5 - 1/4F
PVRF0813100	13	8	20	60	105	10 - 1/4F
PVRF0813150	13	8	20	60	105	15 - 1/4F
PVRF0813200	13	8	20	60	105	20 - 1/4F
PVRF0813250	13	8	20	60	105	25 - 1/4F
PVRF1015050	15	10	20	60	125	5 - 3/8F
PVRF1015075	15	10	20	60	125	7.5 - 3/8F
PVRF1015100	15	10	20	60	125	10 - 3/8F
PVRF1015150	15	10	20	60	125	15 - 3/8F
PVRF1015200	15	10	20	60	125	20 - 3/8F
PVRF1015250	15	10	20	60	125	25 - 3/8F
PVRF1319100	19	13	20	60	190	10 - 1/2F
PVRF1319150	19	13	20	60	190	15 - 1/2F
PVRF1319200	19	13	20	60	190	20 - 1/2F
PVRF1319250	19	13	20	60	190	25 - 1/2F

Temperatura di utilizzo: da -5°C a +60°C  
Temperature range: from +23°F to +140°F  
Betriebstemperatur: von -5°C bis +60°C

# Spirali e tubi plastici industriali

Coils and industrial plastic tubes  
Schläuche und Spiraleschläuche

## PVUG



### Tubo PVC retinato con rubinetto universale e innesto Germania

PVC retined hose with universal coupling + Germany plug  
PVC mit Universal Ventil und Kupplungen Deutschland abgeschirmt

#### CARATTERISTICHE TECNICHE

Tubo flessibile retinato rinforzato con poliestere rifinito in PVC per aria compressa, soffiaggio e applicazioni industriali. Tubo flessibile resistente agli agenti atmosferici.

#### TECHNICAL CHARACTERISTICS

Braided hose reinforced with polyester finished in PVC for compressed air, blow molding and industrial applications. Hose weatherproof.

#### TECHNISCHE DATEN:

Schlauch mit geflochtenem Polyester verstärkt fertig in PVC für Druckluft, Blasformen und industrielle Anwendungen. Hose witterungsbeständig

Codice / Code	Dimensioni Dimensions Größe		Pressione di utilizzo Working pressure Betriebsdruck	Pressione di scoppio Bursting pressure Berstdruck	Peso Weight Gewicht	Lungh. rotolo Coil length Rolle
	Ø est mm	Ø int mm	bar (23°C)	bar (23°C)	gr/mt	Mt
PVUG0612050	12	6	20	60	98	5
PVUG0612075	12	6	20	60	98	7.5
PVUG0612100	12	6	20	60	98	10
PVUG0612150	12	6	20	60	98	15
PVUG0813050	13	8	20	60	105	5
PVUG0813075	13	8	20	60	105	7.5
PVUG0813100	13	8	20	60	105	10
PVUG0813150	13	8	20	60	105	15
PVUG0813200	13	8	20	60	105	20
PVUG0813250	13	8	20	60	105	25
PVUG1015050	15	10	20	60	125	5
PVUG1015075	15	10	20	60	125	7.5
PVUG1015100	15	10	20	60	125	10
PVUG1015150	15	10	20	60	125	15
PVUG1015200	15	10	20	60	125	20
PVUG1015250	15	10	20	60	125	25

Temperatura di utilizzo: da -5°C a +60°C  
Temperature range: from +23°F to +140°F  
Betriebstemperatur: von -5°C bis +60°C

Su richiesta con innesto italia  
On demand with Italian plug  
Auf Anfrage mit Kupplungen Italien

## Dati tecnici degli arrotolatori

Hose reel technical data

Technische Daten der Aufrolltrommel

**Fluido**  
Aria compressa, acqua

**Entrata / Uscita**  
AR10: 1/4"                      AR20: 3/8"

**Pressione**  
AR10: max 15 bar                      AR20: max 20 bar

**Lunghezza tubo PVC**  
AR10: 10 m                      AR20: 10 o 15 m

**Temperatura**  
AR10: max 60°C                      AR20: max 60°C

Gli arrotolatori a bassa pressione vengono normalmente forniti con tubo in PVC.

**Fluid**  
Compressed air, water

**Inlet / Outlet**  
AR10: 1/4"                      AR20: 3/8"

**Pressure**  
AR10: max 218 psi                      AR20: max 300 psi

**PVC hose lenght**  
AR10: 33 ft                      AR20: 33 or 50 ft

**Temperature**  
AR10: max 140°F                      AR20: max 140°F

Low pressure reels furnished standard with PVC hose.

**Fluid**  
Druckluft, Wasser

**Eingang / Ausgang**  
AR10: 1/4"                      AR20: 3/8"

**Druck**  
AR10: max 15 bar                      AR20: max 20 bar

**Länge Der Schlauch PVC**  
AR10: 10 m                      AR20: 10 o 15 m

**Temperatur**  
AR10: max 60°C                      AR20: max 60°C

Die Niederdruck-Saufrolltrommel sind mit PVC-Schlauch versorgt.

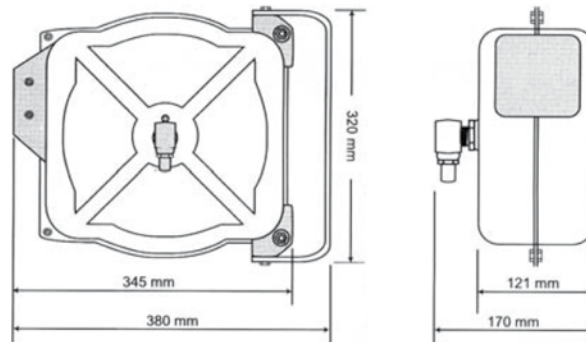
# Arrotolatori

Hose reels  
Aufrolltrommel

AR **10**



**Arrotolatore aria/acqua chiuso**  
Hose reel air/water enclosed range  
Aufrolltrommel Luft/Wasser

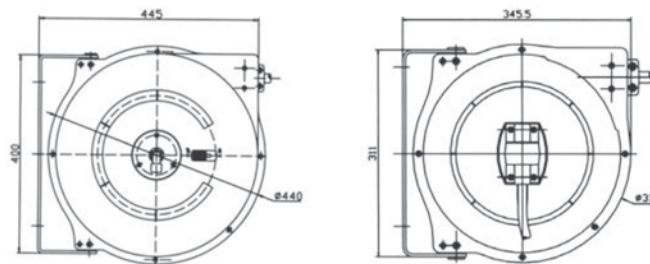




Codice/Code	Ø mm	IN	OUT		Bar	°C	Kg.	
<b>AR101210</b>	8x12 PU	1/4"	1/4"	10 m + 1	15	60°	16	1

AR **20**



**Arrotolatore aria/acqua chiuso**  
Hose reel air/water enclosed range  
Aufrolltrommel Luft/Wasser



Codice/Code	Ø mm	IN	OUT		Bar	°C	Kg.	
<b>AR201510</b>	10x14.5 PVC	3/8"	3/8"	10 m + 1	20	60°	10.5	1
<b>AR201515</b>	10x14.5 PVC	3/8"	3/8"	15 m + 1	20	60°	10.5	1

## BL 13



### Bilanciatore col tubo

Balancer with hose  
Aufroller mit Rohr

**Note**

**Pressione max di servizio: 8 bar;**

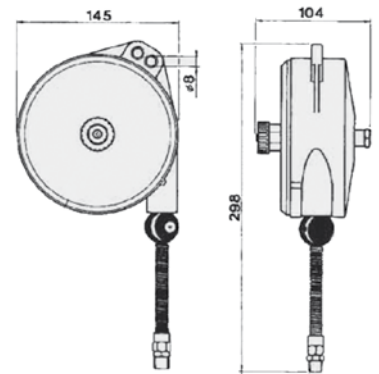
Max working pressure: 116 psi;

Maximal Betriebsdruck: 8 bar;

**Temperatura max di esercizio: 50°C**

Max working temperature: 122°F

Maximal betriebstemperatur: 50°C



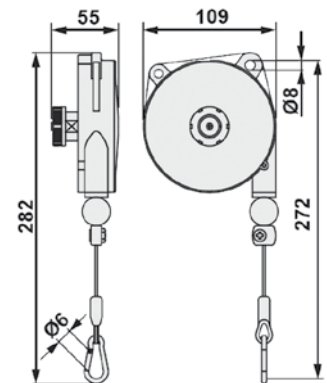
Codice/Code	Portata (kg) Capacity (kg.)	Peso (kg.) Weight (kg.)	Corsa (mm) Stroke (mm)	Tubo Cable	Calotta Body	Attacco" Connection"	■
<b>BL130200</b>	0.4 - 0.8	1.35	1350	Poliurethane	Aluminium	G1/4	1
<b>BL130201</b>	0.75 - 1.5	1.35	1350	Poliurethane	Aluminium	G1/4	1
<b>BL130202</b>	1.2 - 2.5	1.35	1350	Poliurethane	Aluminium	G1/4	1
<b>BL130203</b>	3 - 5	1.35	900	Poliurethane	Aluminium	G3/8	1

## BL 16



### Bilanciatore con cassa in nylon corsa 1600 mm

Balancer with nylon body travel 1600 mm  
Aufroller mit Nylon Gehäuse 1600mm



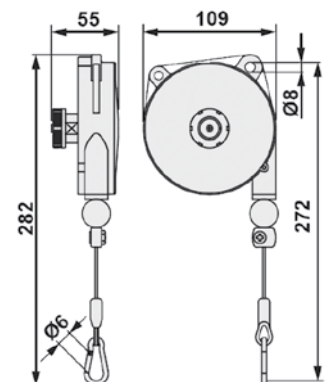
Codice/Code	Portata (kg) Capacity (kg.)	Peso (kg.) Weight (kg.)	Corsa (mm) Stroke (mm)	Fune Rope	Calotta Body	■
<b>BL160300</b>	0,2 - 0,5	0,5	1600	Inox	Nylon	1
<b>BL160301</b>	0,4 - 1	0,5	1600	Inox	Nylon	1
<b>BL160302</b>	1 - 2	0,6	1600	Inox	Nylon	1
<b>BL160303</b>	2 - 3	0,7	1600	Inox	Nylon	1

## BL 16NY



### Bilanciatore con cassa in alluminio corsa 1600 mm

Balancer with aluminium body travel 1600 mm  
Aufroller mit Aluminium Gehäuse 1600 mm



Codice/Code	Portata (kg) Capacity (kg.)	Peso (kg.) Weight (kg.)	Corsa (mm) Stroke (mm)	Fune Rope	Calotta Body	■
<b>BL160311NY</b>	0,4 - 1	0,6	1600	Polypropilene	Aluminium	1
<b>BL160312NY</b>	1 - 2	0,6	1600	Polypropilene	Aluminium	1
<b>BL160313NY</b>	2 - 3	0,7	1600	Polypropilene	Aluminium	1



# BL

## Bilanciatori

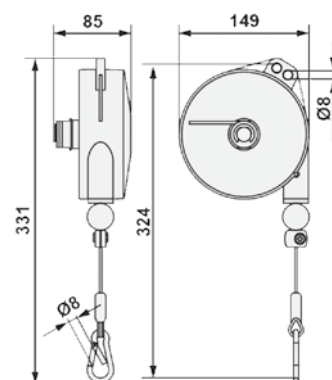
Balances  
Aufroller

### BL 20



#### Bilanciatore corsa 2000 mm

Balancer travel 2000 mm  
Aufroller 2000 mm



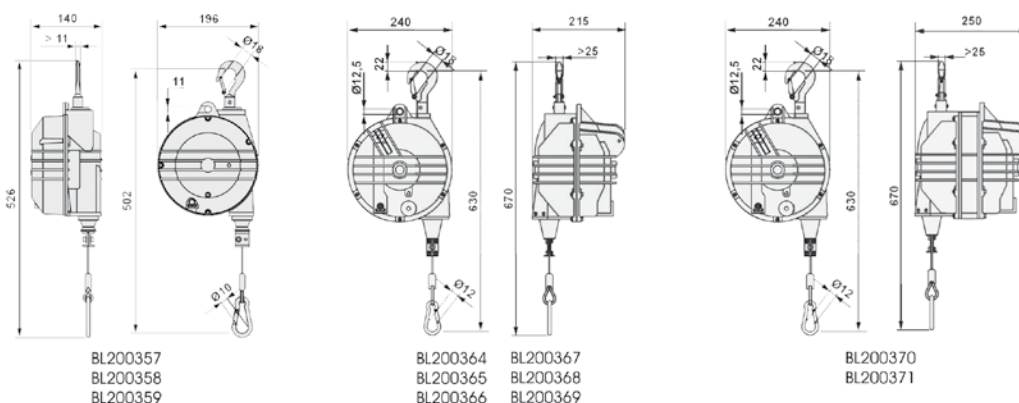
Codice/Code	Portata (kg) Capacity (kg.)	Peso (kg.) Weight (kg.)	Corsa (mm) Stroke (mm)	Fune Rope	Calotta Body	
<b>BL200320</b>	1 - 2,5	2	2000	Inox	Aluminium	1
<b>BL200321</b>	2 - 4	2	2000	Inox	Aluminium	1
<b>BL200322</b>	4 - 6	2,3	2000	Inox	Aluminium	1
<b>BL200323</b>	6 - 8	2,5	2000	Inox	Aluminium	1

### BL 20SP



#### Bilanciatore corsa 2000 mm serie pesante

Balancer travel 2000 mm heavy travel  
Aufroller 2000 mm schwere Serie



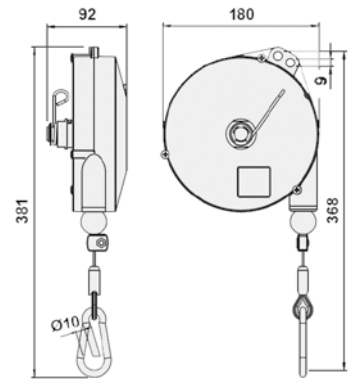
Codice/Code	Portata (kg) Capacity (kg.)	Peso (kg.) Weight (kg.)	Corsa (mm) Stroke (mm)	Fune Rope	Calotta Body	
<b>BL200357</b>	14 - 18	6,5	2000	Inox	Aluminium	1
<b>BL200358</b>	18 - 22	6	2000	Inox	Aluminium	1
<b>BL200359</b>	22 - 25	6,6	2000	Inox	Aluminium	1
<b>BL200364</b>	25 - 30	11,5	2000	Inox	Aluminium	1
<b>BL200365</b>	30 - 35	11,8	2000	Inox	Aluminium	1
<b>BL200366</b>	35 - 45	12,4	2000	Inox	Aluminium	1
<b>BL200367</b>	45 - 55	12,5	2000	Inox	Aluminium	1
<b>BL200368</b>	55 - 65	13,6	2000	Inox	Aluminium	1
<b>BL200369</b>	65 - 75	14,5	2000	Inox	Aluminium	1
<b>BL200370</b>	75 - 90	17,3	2000	Inox	Aluminium	1
<b>BL200371</b>	90 - 105	18	2000	Inox	Aluminium	1

**BL 25**



**Bilanciatore corsa 2500 mm**

Balancer travel 2500 mm  
Aufroller 2500 mm



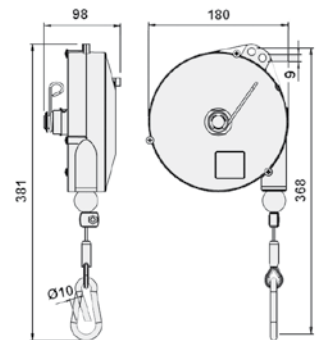
Codice/Code	Portata (kg) Capacity (kg.)	Peso (kg.) Weight (kg.)	Corsa (mm) Stroke (mm)	Fune Rope	Calotta Body	
<b>BL250336</b>	2 - 4	2,9	2500	Inox	Aluminium	1
<b>BL250337</b>	4 - 6	3,2	2500	Inox	Aluminium	1
<b>BL250338</b>	6 - 8	3,5	2500	Inox	Aluminium	1
<b>BL250339</b>	8 - 10	3,7	2500	Inox	Aluminium	1
<b>BL250340</b>	10 - 14	4	2500	Inox	Aluminium	1

**BL 25BC**



**Bilanciatore corsa 2500 mm con blocco**

Balancer travel 2500 mm with device stop stroke  
Aufroller 2500 mm mit Blocker



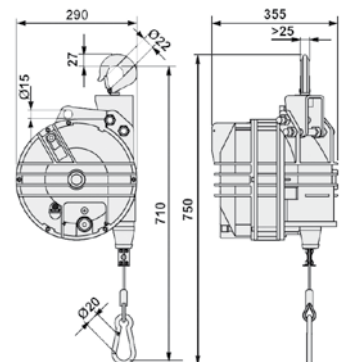
Codice/Code	Portata (kg) Capacity (kg.)	Peso (kg.) Weight (kg.)	Corsa (mm) Stroke (mm)	Fune Rope	Calotta Body	
<b>BL250346</b>	2 - 4	3	2500	Inox	Aluminium	1
<b>BL250347</b>	4 - 6	3,3	2500	Inox	Aluminium	1
<b>BL250348</b>	6 - 8	3,6	2500	Inox	Aluminium	1
<b>BL250349</b>	8 - 10	3,8	2500	Inox	Aluminium	1
<b>BL250350</b>	10 - 14	4	2500	Inox	Aluminium	1

**BL 25SP**



**Bilanciatore corsa 2500 mm serie pesante**

Balancer travel 2500 mm heavy travel  
Aufroller 2500 mm schwere Serie



Codice/Code	Portata (kg) Capacity (kg.)	Peso (kg.) Weight (kg.)	Corsa (mm) Stroke (mm)	Fune Rope	Calotta Body	
<b>BL250422</b>	100 - 120	38,7	2500	Inox	Aluminium	1
<b>BL250423</b>	120 - 140	41,87	2500	Inox	Aluminium	1
<b>BL250424</b>	130 - 150	44,5	2500	Inox	Aluminium	1
<b>BL250425</b>	140 - 160	48	2500	Inox	Aluminium	1
<b>BL250426</b>	160 - 180	49	2500	Inox	Aluminium	1

### Dati tecnici degli ingrassatori

Grease nipples technical data  
Technische Daten der Schmiernippel

#### Definizione generale

L'ingrassatore è un particolare tipo di raccordo filettato provvisto di una valvola unidirezionale e di una forma che ne permette l'accoppiamento temporaneo a testine utilizzate per l'ingrassaggio anch'esse di forma specifica. Sono situati in un punto del circuito di lubrificazione e, attraverso i quali, viene effettuato il riempimento del circuito di lubrificazione attraverso una pompa d'ingrassaggio manuale, elettrica o pneumatica. La luce di accesso è di solito chiusa da una piccola sfera di acciaio sostenuta da una molla, la pressione esercitata dal grasso in ingresso, spinto dalla pompa per ingrassaggio, vince la forza della molla e preme la sferetta verso l'interno scoprendo il foro e lasciando fluire il grasso nel circuito. Al termine dell'ingrassaggio la molla richiama la sfera nella posizione di chiusura.

#### Tipologie più comuni

Esistono diverse tipologie di ingrassatori divisi solitamente per la forma della testa:

##### Testa emisferica (Hydraulic)

sono i più comuni ed utilizzati ed a loro volta si dividono in diritti, a 45° e a 90°; vengono utilizzati in abbinamento ad una testina a 3 o 4 griffe. Sono normati da norme UNI (UNI 7663 A e B) o DIN (DIN 1412 A, B e C).

##### Testa piana esagonale (Tecalemit)

si dividono in ingrassatori a semplice esagono e a doppio esagono e vengono utilizzati in abbinamento ad una testina a gancio o a spinta. Sono normati da norme UNI (UNI 7662 A e B).

##### Testa piana tonda

vengono utilizzati in abbinamento ad una testina a gancio o a spinta. Sono normati da norme DIN (DIN 3404 A e B).

##### Testa concava (Zerch)

utilizzati in abbinamento ad un puntale "Lub". Sono normati da norme DIN (DIN 3405).

#### Filettature

Normalmente le filettature sono coniche per una migliore tenuta. Si dividono in Gas e Metriche. Esistono ingrassatori con gambo liscio a piantare (senza filettatura).

#### Materiale

I materiali (corpo) più diffusi sono:

- acciaio zincato
  - AVP standard (11SMnPb37)
  - AVZ su richiesta
- acciaio inossidabile
  - AISI 303
  - AISI 316 su richiesta
- Ottone
  - CW614
  - CW614 Nichelato su richiesta

#### Trattamento (per versione in acciaio)

##### Protezione alla Corrosione

Sono previsti due diversi tipi di Zincatura e un terzo trattamento particolare tutti esenti da cromo esavalente (CrVI):

Zincatura Bianca (des. FIAT: Fe/Zn 7 II) = zincatura bianca con cromo trivalente (CrIII) spessore 7 µm.

Zincatura Iridescente (des. FIAT: Fe / Zn 7 IV) = zincatura iridescente con cromo trivalente (CrIII) spessore 7 µm.

Trattamento GEOMET ad alta resistenza alla corrosione. (RIV/EC 5F)

##### Indurimento

Accanto alla versione non indurita esiste una versione di ingrassatori induriti superficialmente tramite trattamento superficiale di Carbonitrurazione (650<HV<750) che vengono utilizzati laddove l'impiego lo richieda.

#### Pressione di utilizzo

Gli ingrassatori normalmente sono realizzati per essere collegati a pompe manuali. Se si utilizzano pompe elettriche o pneumatiche, bisogna prestare attenzione affinché la pressione del grasso erogato non superi i 200÷250 bar. La pressione di tenuta del grasso presente nel circuito, qualora quest'ultimo vada in pressione, è di oltre 400 bar.

#### General definition

The grease nipple is a particular type of threaded connection provided with a one-way valve and a shape that allows it the temporary coupling heads used for greasing also of specific shape. Then are located at a point of the lubrication circuit and through which it, is carried out the filling of the lubrication circuit via a grease pump manual, electric or pneumatic.

The light of access is usually closed by a small steel ball supported by a spring, the pressure exerted by the grease input, driven by the grease gun, overcomes the force of the spring, and it presses the ball towards the inside of the hole and discovering flow leaving the grease in the circuit. At the end of greasing the spring draws the ball to the closed position.

#### Most common types

There are different types of grease nipples usually divided for the shape of the head:

##### Semispherical head (Hydraulic)

they are the most common and used and they are divided into rights, at 45° and 90°, they are used in combination with a 3 or 4 jaw head. They are regulated by UNI (UNI 7663 A and B) or DIN (DIN 1412 A, B and C).

##### Flat head bolt (Tecalemit)

they are divided into grease simple hexagon and double hexagon and they are used in combination with a head or hook thrust. They are regulated by UNI (UNI 7662 A and B).

##### Round flat head

they are used in combination with a head or hook thrust. They are regulated by DIN standards (DIN 3404 A and B).

##### Concave head (Zerch)

used in combination with a tip "Lub." Are regulated by DIN standards (DIN 3405).

#### Thread

Usually, the threads are tapered for a better seal.

They are divided into gas and Metrics. There are grease fittings with smooth stem to plant (without thread).

#### Materials

The materials (body) most used are:

- Galvanized steel
  - AVP standard (11SMnPb37)
  - AVZ on request
- Stainless steel
  - AISI 303
  - AISI 316 on request
- Brass
  - CW614
  - CW614 nickel-plated on request

#### Treatment (for steel version)

##### Corrosion protection

There are two different types of zinc and a third special treatment free of hexavalent chromium (CrVI):

Zinc White (des. FIAT: Fe/Zn 7 II) = zinc plated with trivalent chromium (CrIII) 7 µm thick.

Zinc Iridescent (des. FIAT: Fe / Zn 7 IV) = zinc iridescent with trivalent chromium (CrIII) 7 µm thick.

GEOMET treatment with high resistance to corrosion. (RIV/EC 5F)

##### Hardening

Next to the unhardened version there is a version of nipples hardened surface by surface treatment of Carbonitriding (650 <HV <750) that are used where the employment requires.

#### Working pressure

Grease nipples are usually designed to be connected to hand pumps. If you use electric or pneumatic pumps, care must be taken because the pressure of the grease pressure does not exceed 200÷250 bar. The sealing pressure of the grease in the circuit is over 400 bar if the latter can be pressurized.

#### Allgemeine Definition

Der Schmiernippel ist eine besondere Art von Gewinde, mit einem Rückschlagventil und eine Form, die die temporäre Kopplung ermöglicht, um Köpfe zum Einfetten auch spezifischer Form verwendet vorgesehen. an einem Punkt der Schmierkreis angeordnet ist und, durch die die Füllung des Schmierkreis über eine Pumpe Einfetten manuell, elektrisch oder pneumatisch vorgenommen. Das Licht Zugang wird in der Regel durch eine kleine Stahlkugel durch eine Feder, dem Druck, dass das Fett Zulauf, von der Pumpe zur Schmierung geschoben, die Kraft der Feder überwindet und drücken Sie den Ball nach innen entdecken die unterstützten geschlossen Pholus und fließen lassen das Fett in der Schaltung, am Ende dell'ingrassaggio zieht die Feder den Ball in der geschlossenen Stellung.

#### Häufigsten Arten

Es gibt verschiedene Arten von Schmiernippel üblicherweise für die Form des Kopfes unterteilt:

##### Halbkugelförmigen Kopf (Hydraulic)

Sind die häufigsten und verwendet, und wiederum in Rechte unterteilt, bei 45° und 90°, werden in Kombination mit einem Kopf 3 oder 4 Backen verwendet. gelten verbindliche Regeln, UNI (UNI 7663 A e B) Flachkopfschrauben DIN (DIN 1412 A, B e C).

##### Schmierstoffgeber

sind in einfach und doppelt Sechsecks aufgeteilt und werden in Verbindung mit einem Kopf Haken oder Schub verwendet. gelten verbindliche Regeln, UNI (UNI 7662 A and B).

##### Flachen Kopf herum

In Kombination mit einem Kopf Haken oder Schubkraft verwendet. gelten verbindliche Regeln, (DIN 3404 A and B).

##### Konkaven Kopf (Zerch)

In Kombination mit einer Zehe "Lub". gelten verbindliche Regeln, DIN standards (DIN 3405).

#### Gewinden

Normalerweise werden die Fäden verjüngt sind für eine bessere Abdichtung. werden in Gas und Metrics aufgeteilt. esistino Brustwarzen mit glattem Schaft (ohne Gewinde).

#### Werkstoffen

Materialien (Körper) sind die häufigsten:

- Stahl verzinkt
  - AVP standard (11SMnPb37)
  - AVZ auf Anfrage
- Edelstahl
  - AISI 303
  - AISI 316 auf Anfrage
- Messing
  - CW614
  - CW614 vernickelt auf Anfrage

#### Behandlung (für Stahl Version)

##### Korrosionsschutz

Es gibt zwei verschiedene Arten von Verzinken und dritten besondere Behandlung, die alle frei von Chrom VI (CrVI)

weiß Zink (des. FIAT: Fe/Zn 7 II) = weiß verzinkt mit dreiwertigem Chrom (CrIII) 7 dick.

Zink irisierende (des. FIAT: Fe / Zn 7 IV) = Zink irisierenden mit dreiwertigem Chrom (CrIII) 7 dick.

Behandlung GEOMET hohe Korrosionsbeständigkeit. (RIV/EC 5F)

##### Härten

Die nächste Version gibt es eine gehärtete Version von Brustwarzen gehärtete Oberfläche durch Oberflächenbehandlung Carbonitrieren (650 <HV <750), die verwendet werden, wenn die Anwendung es erfordert.

#### Betriebsdruck

Die Brustwarzen sind in der Regel entwickelt, um Handpumpen verbunden werden. wenn elektrischer Pumpen oder pneumatischer verwenden, muss darauf geachtet werden, so daß der Druck des Fettes nicht überschreitet zugeführt werden 200÷250 bar. Der Dichtungsdruck des Fettes in der Schaltung, wenn die letztere mit Druck beaufschlagt werden, ist über 400 bar.

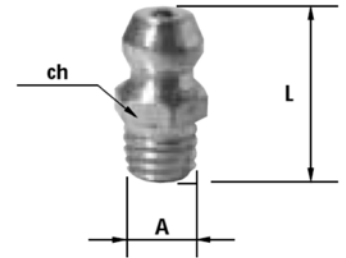
**IH-D**



**Ingras. diritti UNI 7663 A**

Stra. type grease nipple UNI 7663 A  
Gerade Schmiernippel UNI 7663 A

Code/Code	A	L	ch	■
<b>IH011000</b>				1000
<b>IH01100</b>	M6x1	13,5	7	100
<b>IH01010</b>				10
<b>IH21500</b>				500
<b>IH21100</b>	M6x1	18	11	100
<b>IH21010</b>				10
<b>IH00500</b>				500
<b>IH00100</b>	M6x1	30	7	100
<b>IH00010</b>				10
<b>IH361000</b>				1000
<b>IH36100</b>	Ø 6	13,5	7	100
<b>IH36010</b>				10
<b>IH38500</b>				500
<b>IH38100</b>	Ø 8	17	9	100
<b>IH38010</b>				10
<b>IH03500</b>				500
<b>IH03100</b>	M8x1	17	9	100
<b>IH03010</b>				10
<b>IH23500</b>				500
<b>IH23100</b>	M8x1	18	11	100
<b>IH23010</b>				10
<b>IH04500</b>				500
<b>IH04100</b>	M8x1,25	17	9	100
<b>IH04010</b>				10
<b>IH24500</b>				500
<b>IH24100</b>	M8x1,25	18	11	100
<b>IH24010</b>				10
<b>IH25500</b>				500
<b>IH25100</b>	M10x1	18	11	100
<b>IH25010</b>				10
<b>IH20500</b>				500
<b>IH20100</b>	M10x1,25	18	11	100
<b>IH20010</b>				10
<b>IH27500</b>				500
<b>IH27100</b>	M10x1,5	18	11	100
<b>IH27010</b>				10
<b>IH32500</b>				500
<b>IH32100</b>	1/8" G	18	11	100
<b>IH32010</b>				10
<b>IH30500</b>				500
<b>IH30100</b>	M12x1,5	19	14	100
<b>IH30010</b>				10
<b>IH31500</b>				500
<b>IH31100</b>	M12x1,75	19	14	100
<b>IH31010</b>				10
<b>IH33500</b>				500
<b>IH33100</b>	1/4" G	19	14	100
<b>IH33010</b>				10



# Ingrassatori


Grease nipples  
Schmiernippel

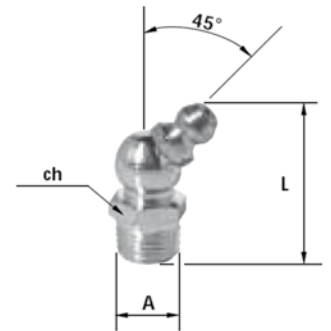
## IH-45°



### Ingras. idr. 45° UNI 7663 B

45° angle type grease nipple UNI 7663 B  
Schmiernippel 45° UNI 7663 B

Codice/Code	A	L	ch	
IH41500				500
IH41100	M6x1	25,5	11	100
IH41010				10
IH43500				500
IH43100	M8x1	25,5	11	100
IH43010				10
IH44500				500
IH44100	M8x1,25	25,5	11	100
IH44010				10
IH45500				500
IH45100	M10x1	25,5	11	100
IH45010				10
IH40500				500
IH40100	M10x1,25	25,5	11	100
IH40010				10
IH47500				500
IH47100	M10x1,5	25,5	11	100
IH47010				10
IH52500				500
IH52100	1/8" G	25,5	11	100
IH52010				10
IH53500				300
IH53050	1/4" G	25,5	14	50
IH53010				10



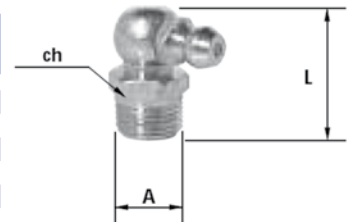
## IH-90°



### Ingras. idr. 90° UNI 7663 B

90° angle type grease nipple UNI 7663 B  
Schmiernippel 90° UNI 7663 B

Codice/Code	A	L	ch	
IH61500				500
IH61100	M6x1	20,5	11	100
IH61010				10
IH63500				500
IH63100	M8x1	20,5	11	100
IH63010				10
IH64500				500
IH64100	M8x1,25	20,5	11	100
IH64010				10
IH65500				500
IH65100	M10x1	20,5	11	100
IH65010				10
IH60500				500
IH60100	M10x1,25	20,5	11	100
IH60010				10
IH67500				500
IH67100	M10x1,5	20,5	11	100
IH67010				10
IH72500				500
IH72100	1/8" G	20,5	11	100
IH72010				10
IH73300				300
IH73050	1/4" G	20,5	14	50
IH73010				10



## CP



### Cappuccio di protezione per ingrassatori idraulici in PVC

PVC protection plug for hydraulic grease nipples  
Absicherungskappe für Schmiernippel PVC

Codice/Code	Colore Colour/Farbe						
CP0028R100	rosso/red/rot						100

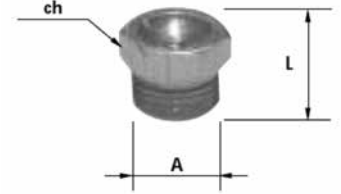
## IC-GF



### Ingr. dir. testa concava gambo filet. DIN 3405

Concave head grease nip. thr. DIN 3405  
Schmiernippel konisches Gewindekave Kopf Gewindestiel DIN 3405

Codice/Code	A	L	ch	📦
<b>IC01500</b>				500
<b>IC01100</b>	M6x1	8,5	10	100
<b>IC01010</b>				10
<b>IC03500</b>				500
<b>IC03100</b>	M8x1	11	10	100
<b>IC03010</b>				10
<b>IC04500</b>				500
<b>IC04100</b>	M8x1,25	11	10	100
<b>IC04010</b>				10
<b>IC05500</b>				500
<b>IC05100</b>	M10x1	11	11	100
<b>IC05010</b>				10
<b>IC12500</b>				500
<b>IC12100</b>	1/8" G	11	11	100
<b>IC12010</b>				10
<b>IC13500</b>				500
<b>IC13100</b>	1/4" G	11	14	100
<b>IC13010</b>				10



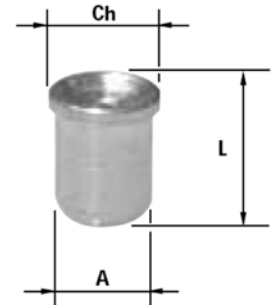
## IC-GL



### Ingr. dir. testa concava gambo liscio

Concave head grease nip. drive type  
Schmiernippel konisches Gewindekave Kopf Glattstiel

Codice/Code	A	L	ch	📦
<b>IC761000</b>				1000
<b>IC76100</b>	Ø 6	8	7	100
<b>IC76010</b>				10
<b>IC78500</b>				500
<b>IC78100</b>	Ø 8	9,5	9	100
<b>IC78010</b>				10
<b>IC80500</b>				500
<b>IC80100</b>	Ø 10	9,5	11	100
<b>IC80010</b>				10



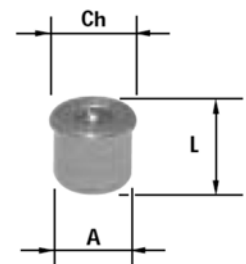
## SO



### Oliatori a sfera gambo liscio

Ball check oilers drive type  
Kugelöler Glattstiel Stahl

Codice/Code	A	L	ch	📦
<b>SO051000</b>				1000
<b>SO05100</b>	Ø 5	5	6	100
<b>SO05010</b>				10
<b>SO061000</b>				1000
<b>SO06100</b>	Ø 6	6	7	100
<b>SO06010</b>				10
<b>SO08500</b>				500
<b>SO08100</b>	Ø 8	8	9	100
<b>SO08010</b>				10



# Ingrassatori

## Grease nipples

## Schmiernippel

### IE-S

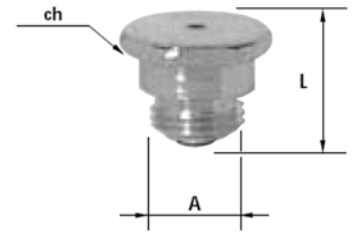


#### Ingr. testa piana semplice esag. UNI 7662 A

Button head grease nip. single Hex. UNI 7662 A

Schmiernippel konisches Gewindekave Kopf Gewindestiel UNI 7662 A

Codice/Code	A	L	ch	
IE01500				500
IE01050	M6x1	13	15	50
IE01010				10
IE03500				500
IE03050	M8x1	13	15	50
IE03010				10
IE04500				500
IE04050	M8x1,25	13	15	50
IE04010				10
IE05500				500
IE05050	M10x1	13	15	50
IE05010				10
IE07500				500
IE07050	M10x1,5	13	15	50
IE07010				10
IE12500				500
IE12050	1/8" G	13	15	50
IE12010				10
IE13500				500
IE13050	1/4" G	13	15	50
IE13010				10



### IE-D



#### Ingr. testa piana doppio esag. UNI 7662 B

Button head grease nip. double Hex. UNI 7662 B

Schmiernippel plan Kopf 2-Sechsringe UNI 7662 B

Codice/Code	A	L	ch	
IE21300				300
IE21050	M6x1	18	15	50
IE21010				10
IE23300				300
IE23050	M8x1	18	15	50
IE23010				10
IE24300				300
IE24050	M8x1,25	18	15	50
IE24010				10
IE25300				300
IE25050	M10x1	18	15	50
IE25010				10
IE27300				300
IE27050	M10x1,5	18	15	50
IE27010				10
IE32300				300
IE32050	1/8" G	18	15	50
IE32010				10
IE33300				300
IE33050	1/4" G	18	15	50
IE33010				10





TI **53**



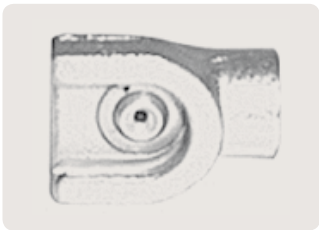
**Testina piana a gancio**

Hook-on connector  
Hakenkopf plan

Codice/Code	Filettatura / Thread	
<b>TI53100</b>		100
<b>TI53010</b>	M10x1	10
<b>TI53001</b>		1

Ingrassatori a testa piana es.15 per ns. serie rif. da IE01 a IE33  
Button head grease nipples hex.15 for our ref. IE01 to IE33  
Hakenkopf plan Sechsring 15 für uns. Serie von IE01 bis IE33

TI **55**



**Testina piana a spinta**

Slide on connector  
Schubkopf plan

Codice/Code	Filettatura / Thread	
<b>TI55100</b>		100
<b>TI55010</b>	M10x1	10
<b>TI55001</b>		1

Ingrassatori a testa piana es.15 per ns. serie rif. da IE01 a IE33  
Button head grease nipples hex.15 for our ref. IE01 to IE33  
Hakenkopf plan Sechsring 15 für uns. Serie von IE01 bis IE33

TI **69**



**Testina idraulica a 3 griffe**

Hydraulic coupler with 3 jaws  
Kopf 3-Klaün

Codice/Code	Filettatura / Thread	
<b>TI69025</b>		25
<b>TI69010</b>	M10x1	10
<b>TI69001</b>		1

Ingrassatori idraulici serie ns. rif. IH  
Hydraulic grease nipples our ref. IH  
Schmiernippel Serie uns. IH

TI **73**



**Testina idraulica a 4 griffe**

Hydraulic coupler with 4 jaws  
Kopf 4-Klaün

Codice/Code	Filettatura / Thread	
<b>TI73025</b>		25
<b>TI73010</b>	M10x1	10
<b>TI73001</b>		1

Ingrassatori idraulici serie ns. rif. IH  
Hydraulic grease nipples our ref. IH  
Schmiernippel Serie uns. IH

TI **75**



**Testina idraulica a 4 griffe "excellent"**

Hydraulic coupler with 4 jaws "excellent"  
Kopf 4-Klaün "excellent"

Codice/Code	Filettatura / Thread	
<b>TI75010</b>	M10x1	10

Ingrassatori idraulici serie ns. rif. IH  
Hydraulic grease nipples our ref. IH  
Schmiernippel Serie uns. IH

# Ingrassatori

## Grease nipples

## Schmiernippel

CA **070**

### Cassetta assortimento ingrassatori 70 pezzi

Grease nipples assortment box 70 pcs  
Kit Schmiernippel 70 Stück

Codice/Code	Descrizione contenuto	
<b>CA070</b>	<b>Ingrassatori idr. diritti zincati bianco CR3</b>	
	Hydraulic grease nipples white pl. CR3	
	Gerade Schmiernippel Weiss verzinkt CR3	
	M6x1 es.7 (IH01)	10
	M8x1 es.9 (IH03)	10
	M10x1 es.11 (IH25)	10
	1/8" Gas es.11 (IH32)	10
	<b>Ingrassatori idr. a 45° zincati bianco CR3</b>	
	45° angle type grease nipples white pl. CR3	
	Schmiernippel 45° Weiss verzinkt CR3	
	M6x1 es.7 (IH41)	5
	M8x1 es.9 (IH43)	5
	M10x1 es.11 (IH45)	5
	<b>Ingrassatori idr. a 90° zincati bianco CR3</b>	
	90° angle type grease nipples white pl. CR3	
	Schmiernippel 90° Weiss verzinkt CR3	
M6x1 es.7 (IH61)	5	
M8x1 es.9 (IH63)	5	
M10x1 es.11 (IH65)	5	

CA **140**

### Cassetta assortimento ingrassatori 140 pezzi

Grease nipples assortment box 140 pcs  
Kit Schmiernippel 140 Stück

Codice/Code	Descrizione contenuto	
<b>CA140</b>	<b>Ingrassatori idr. diritti zincati bianco CR3</b>	
	Hydraulic grease nipples white pl. CR3	
	Gerade Schmiernippel Weiss verzinkt CR3	
	M6x1 es.7 (IH01)	25
	M8x1 es.9 (IH03)	25
	M10x1 es.11 (IH25)	15
	1/8" Gas es.11 (IH32)	15
	<b>Ingrassatori idr. a 45° zincati bianco CR3</b>	
	45° angle type grease nipples white pl. CR3	
	Schmiernippel 45° Weiss verzinkt CR3	
	M6x1 es.7 (IH41)	10
	M8x1 es.9 (IH43)	10
	M10x1 es.11 (IH45)	5
	1/8" Gas es.11 (IH52)	5
	<b>Ingrassatori idr. a 90° zincati bianco CR3</b>	
	90° angle type grease nipples white pl. CR3	
	Schmiernippel 90° Weiss verzinkt CR3	
	M6x1 es.7 (IH61)	10
	M8x1 es.9 (IH63)	10
	M10x1 es.11 (IH65)	5
	1/8" Gas es.11 (IH72)	5

## EB 080



### Espositore da banco ingrassatori 80 blister (660 pz)

80 (660 pcs) blister's counter display  
Schausteller 80 (660 Stück)

Codice/Code	Descrizione contenuto	
<b>EB080</b>	<b>Espositore ingrassatori con 80 blister</b>	
	<b>Ingrassatori idr. Diritti zincati bianco CR3</b>	
	Hydraulic grease nipples white pl. CR3	
	Gerade Schmiernippel Weiss verzinkt CR3	
	M6x1 es.7 (IH01)	5x10
	M8x1,25 es.9 (IH04)	5x10
	M10x1 es.11 (IH25)	5x10
	M10x1,5 es.11 (IH27)	5x10
	1/8" Gas es.11 (IH32)	5x10
	1/4" Gas es.14 (IH33)	5x10
	<b>Ingrassatori idr. a 45° zincati bianco CR3</b>	
	45° angle type grease nipples white pl. CR3	
	Schmiernippel 45° Weiss verzinkt CR3	
	M6x1 es.7 (IH41)	5x10
	M10x1 es.11 (IH45)	5x10
	1/8" Gas es.11 (IH52)	5x10
	<b>Ingrassatori idr. a 90° zincati bianco cr3</b>	
	90° Angle type grease nipples white pl. CR3	
	Schmiernippel 90° Weiss verzinkt CR3	
	M6x1 es.11 90* (IH61)	5x10
	M10x1 es.11 90*(IH65)	5x10
	1/8" Gas es.11 90* (IH72)	5x10
	<b>Ingrassatore testa piana d.E. Zincati bianco cr3</b>	
	Button head greas nipples double hex white zinc.PI.	
	Hakenkopf plan 2-Sechsringe Weiss verzinkt CR3	
	1/8" Gas es.15 doppio es. (IE32)	5x5
	1/4" Gas es.15 doppio es. (IE33)	5x5
	<b>Testine ingrassatrici zincate bianco CR3</b>	
	Couplers white zin-plated CR3	
	Kopf Weiss verzinkt CR3	
	Testina a gancio (TI53)	5x1
	Testina a 4 griffe (TI73)	5x1

### Ricambi per espositore EB080

Replacements for blister's counter display EB080  
Ersatzteilung für Schausteller EB080

Codice/Code	Misura/Size	
<b>IH01010</b>	M6x1 es.7 (IH01)	1x10
<b>IH04010</b>	M8x1,25 es.9 (IH04)	1x10
<b>IH25010</b>	M10x1 es.11 (IH25)	1x10
<b>IH27010</b>	M10x1,5 es.11 (IH27)	1x10
<b>IH32010</b>	1/8" Gas es.11 (IH32)	1x10
<b>IH33010</b>	1/4" Gas es.14 (IH33)	1x10
<b>IH41010</b>	M6x1 es.11 45*(IH41)	1x10
<b>IH45010</b>	M10x1 es.11 45*(IH45)	1x10
<b>IH52010</b>	1/8" Gas es.11 45*(IH52)	1x10
<b>IH61010</b>	M6x1 es.11 90*(IH61)	1x10
<b>IH65010</b>	M10x1 es.11 90*(IH65)	1x10
<b>IH72010</b>	1/8" Gas es.11 90*(IH72)	1x10
<b>IE32005</b>	1/8" Gas es.15 DOP. ES.(IE32)	1x5
<b>IE33005</b>	1/4" Gas es.15 DOP. ES.(IE33)	1x5
<b>TI53001</b>	Testina a gancio (ti53)	1x1
<b>TI73001</b>	Testina a 4 griffe (ti73)	1x1









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