



comercial@componentesdelaire.com
www.componentesdelaire.com

Fluidfit

Fittings for potable water; drink dispenser; beverages.

Naturally high-quality, improved by technology

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We are 100% customer focused, offering our customer a complete range of high quality products and supporting the industries at the best.

Our goal is the complete satisfaction of our customers, respecting and answering to their specific requirements in the sign of constant improvements in services and costs.

Our professional skills and resources are of course our strength points that enables us to manufacture high quality products and to work successfully over the world.

La nostra azienda è al 100% focalizzata sul Cliente, offrendogli una gamma completa di prodotti di alta qualità e sostenendolo al meglio.

Il nostro obiettivo è la completa soddisfazione del Cliente, rispettando e rispondendo alle sue specifiche richieste all'insegna dei continui miglioramenti nell'efficienza dei propri servizi e nei costi.

Le nostre risorse e competenze professionali sono sicuramente i nostri punti di forza che ci permettono di produrre prodotti di alta qualità e di operare con successo in tutto il mondo.

Nuestra empresa se centra al 100% en el Cliente, ofreciéndole una gama completa de productos de alta calidad y soportandolo en su mejor forma.

Nuestro objetivo es la completa satisfaccion del Cliente, respectando y contestando sus especificas consultas en el signo de continuas mejorias en la eficiencia de nuestros servicios y en los costos.

Nuestros medios y competencias profesionales son realmente nuestros puntos de fuerza que nos permiten de fabricar productos de alta calidad y de tener exito en todo el mundo.





CDC Pneumatics is a company specialized in Pneumatics and Water fittings, accessories and tubing since 1983.

The continuous developments & improvements, the technological innovation and the constant challenges ensure the top quality level of our products.

Our main interest is to meet our customer requirements and for this reason CDC Pneumatics keeps on moving forward in order to have the best qualified products because CUSTOMER SATISFACTION comes first.

CDC Pneumatics è un'azienda specializzata nella pneumatica e in raccordi per acqua, accessori e tubi dal 1983.

I continui sviluppi e miglioramenti, l'innovazione tecnologica e le costanti sfide garantiscono il più alto livello di qualità dei nostri prodotti.

Il nostro interesse principale è andare incontro alle esigenze dei nostri Clienti e per questa ragione CDC Pneumatics è sempre in continuo movimento in modo da avere nella propria gamma i prodotti con i più alti standard di qualità perché la SODDISFAZIONE DEL CLIENTE viene prima di tutto.

CDC Pneumatics es una empresa especializada en Neumatica y en racores para agua, accesorios y tubería desde 1983.

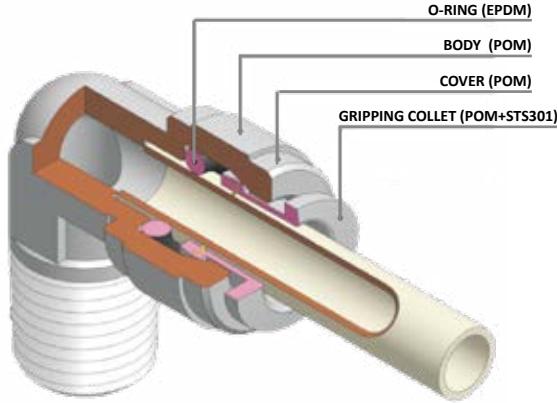
Los continuos desarrollos y mejoras, la innovación tecnologica y los constantes retos garantizan el mas alto nivel de calidad de nuestros productos.

Nuestro interes principal es encontrar las necesidades de nuestros Clientes y por esta razon CDC Pneumatics siempre mira adelante para tener en su propia gama los productos con lo mas altos estandard de calidad porque la SATISFACCIÓN DEL CLIENTE viene antes de todo.

Fittings for Potable Water, Drinks Dispense, Beverages.
“Naturally High-Quality, improved by Technology”

Technical Information

MATERIALS



Fluidfit products are designed for water, food and air contact but can be used with selected gases, vacuum & other liquids.

Easy actions allow the tube to be connected and released quickly, saving time and expenses.

Fluidfit products are made of NSF and ACS approved non-toxic material.

I prodotti della gamma Fluidfit sono progettati per acqua, applicazioni alimentari e aria ma possono essere anche usati con gas selezionati, vuoto e altri liquidi. Movimenti semplici permettono l'inserimento e lo sgancio del tubo velocemente, risparmiando tempo e costi.

Il materiale dei prodotti Fluidfit non è tossico ed è approvato dalla NSF e ACS.

Los productos Fluidfit han sido diseñado para agua, aplicaciones en alimentos y en contacto con aire pero pueden ser utilizados tambien con gas seleccionados, vacío y otros líquidos.

El tubo se inserta y se desconecte rápidamente con unos movimientos fáciles para aborrar tiempo y costos.

El material de los productos Fluidfit no es tóxico y está aprobado por NSF, ACS.

COLOR CODES

HUT 0606 B	B (BLACK) (metric)	
HUT 3/8-3/8 G	G (GREY) (imperial)	

Disponibile a richiesta in colore bianco (misura metrica) con certificazione

Available on demand in white color (metric measure) with certification

MAXIMUM TORQUE VALUES FOR BSP, BSPT AND NPT PLASTIC THREADS

Threads	1/8"	1/4"	3/8"	1/2"	3/4"
Max Torque	1.5 Nm	1.5 Nm	3.0 Nm	3.0 Nm	4.0 Nm

TECHNICAL DATA

Fluid Type	Water, Beverages, Vacuum, Compressed Air, Gases & Liquids suitable with Construction Materials
Working temperature	from -20°C to 98°C: dry air from 1°C to 98°C: air & fluids * Please be advised that NSF standards cover only the temperature range from 1°C to 70°C. System performances always depend from fittings, tubes and possible other items, and accessories used. It is responsibility of the users to cross check the technical features of each SINGLE component in order to avoid possible failures and damages.
Pressure	From - 750 mmHg up to 20 Bar Depending from the tubes & temperatures applied.
Tube Type (Plastic)	Polyethylene (PE) - Polyamide (PA) Polyurethane (PU) - PTFE - FEP
Tube Type (Soft Metal)	Brass - Copper - Mild Steel
Tube Type (Hard Metal)	Please contact our technical department for stainless steel and other hard materials tubes

Tipo di Fluido	Acqua, Bevande, Vuoto, Aria Compresa, Gas & Liquidi idonei con i materiali costruttivi
Temperatura d'esercizio	da -20°C a 98°C: aria secca da 1°C a 98°C: aria & fluidi * *Si prega di notare che gli standard NSF coprono solo il range di temperatura da 1 °C a 70 °C. Le performance di sistema dipendono sempre dai raccordi, dai tubi e dai possibili altri articoli e accessori utilizzati. E' responsabilità dell'utente fare un controllo incrociato delle caratteristiche tecniche dei SINGOLI componenti in modo da evitare possibili perdite e pericoli.
Pressione d'esercizio	da - 750 mmHg a 20 Bar A seconda dei tubi e temperature utilizzate
Tipo di Tubi (Plastici)	Polietilene (PE) - Poliammide (PA) Poliuretano (PU) - PTFE - FEP
Tipo di Tubi (Metalli teneri)	Ottone - Rame - Acciaio tenero
Tipo di tubi (Metalli duri)	Si prega di contattare il nostro ufficio Tecnico per tubi in inox e in altri materiali rigidi.

Tipo de fluido	Agua, Bebidas, Vacío, Aire Comprimido, Gas & Liquidos aptos para los materiales de construcción.
Temperatura de trabajo	desde -20°C hasta 98°C: aire seco desde 1°C hasta 98°C: aire y fluidos * * Os informamos que los estandar NSF cubren solo la temperatura desde 1 °C hasta 70 °C. Las conductas del sistema dependen siempre de los rieles, de la tubería y de los posibles artículos y accesorios utilizados. El usuario es responsable de la comprobación de las características técnicas de los SINGULOS componentes para evitar posibles faltas y peligros.
Presión de trabajo	desde - 750 mmHg hasta 20 Bar Dependiendo de los tubos y temperaturas utilizadas.
Tipo de tubo (Plástico)	Polietileno (PE) - Poliamida (PA) Poliuretano (PU) - PTFE - FEP
Tipo de tubo (metal blando)	Latón - Cobre - Acero dulce
Tipo de tubo (metal duro)	Por favor contactad nuestro departamento técnico para tubería en acero inoxidable y en otros materiales rígidos.

Technical Information

WORKING PRESSURES & TEMPERATURES

$\emptyset / ^\circ C$	-20°C	1 °C *	25 °C *	70 °C *	98 °C
4 mm 5/32"	0 Bar --> 8 Bar with dry air only 0 Bar --> 8 Bar solo con aria secca 0 Bar --> 8 Bar solo con aire seco	- 750 mmHg --> 20 Bar	- 750 mmHg --> 20 Bar	- 750 mmHg --> 16 Bar	- 750 mmHg --> 10 Bar
6 mm 3/16" - 1/4"		- 750 mmHg --> 20 Bar	- 750 mmHg --> 20 Bar	- 750 mmHg --> 16 Bar	- 750 mmHg --> 10 Bar
8 mm 5/16"		- 750 mmHg --> 20 Bar	- 750 mmHg --> 20 Bar	- 750 mmHg --> 16 Bar	- 750 mmHg --> 10 Bar
10 mm 3/8"		- 750 mmHg --> 16 Bar	- 750 mmHg --> 16 Bar	- 750 mmHg --> 14 Bar	- 750 mmHg --> 10 Bar
12 mm 1/2"		- 750 mmHg --> 14 Bar	- 750 mmHg --> 14 Bar	- 750 mmHg --> 8 Bar	- 750 mmHg --> 6 Bar
15 mm		- 750 mmHg --> 14 Bar	- 750 mmHg --> 14 Bar	- 750 mmHg --> 8 Bar	- 750 mmHg --> 6 Bar
22 mm		- 750 mmHg --> 14 Bar	- 750 mmHg --> 14 Bar	- 750 mmHg --> 8 Bar	- 750 mmHg --> 6 Bar

*: temperatures and pressures indicated refers to the NSF standards limits. Please, contact our technical department for higher temperature and/or pressure application needs.

System performances always depend from fittings, tubes and possible other items and accessories used. It is responsibility of the users to cross check the technical characteristics of each single component in order to avoid possible failures and dangers.

*: temperature e pressioni indicate si riferiscono ai limiti standard della NSF. Vi preghiamo di contattare il nostro ufficio tecnico per applicazioni ed esigenze con temperature e/o pressioni più elevate.

Le performance di sistema dipendono sempre dai raccordi, dai tubi e dai possibili altri articoli e accessori utilizzati. E' responsabilità dell'utente fare un controllo incrociato delle caratteristiche tecniche dei singoli componenti in modo da evitare possibili perdite e pericoli.

*: temperaturas y presiones indicadas se refieren a los límites estandar de la NSF. Por favor contactad nuestro departamento Tecnico para aplicaciones y necesidades con temperaturas y presiones mas altas.

Las conductas del sistema dependen siempre de los racores, de la tubería y de los posibles artículos y accesorios utilizados. El usuario es responsable de la comprueba de las características tecnicas de los singulos componentes para evitar posibles faltas y peligros.

Technical Information

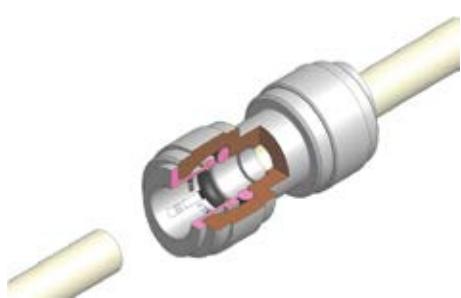
INSTRUCTIONS

We recommend to read and follow all the instructions, precautions and warnings contained in this catalogue before using the products in pressurized systems. Failure to follow all instructions, precautions and warnings may result in bodily harm or property damages. CDC Fluidtech Europe disclaims any responsibility in case of damages for wrong use of the products.

Si raccomanda di leggere e seguire attentamente le presenti istruzioni e di rispettare le precauzioni e gli avvertimenti contenuti nel presente documento prima dell'utilizzo dei prodotti in sistemi pressurizzati. L'inosservanza delle istruzioni, delle precauzioni e degli avvertimenti che seguono potrebbe causare danni a persone e/o cose. CDC Fluidtech Europe declina ogni tipo di responsabilità per danni derivanti dall'improprio uso dei prodotti.

Se aconseja leer y seguir con cuidado todas las instrucciones, precauciones y avisos incluidas en este documento antes de utilizar los productos en sistemas presurizados. En caso de incumplimiento de las advertencias se pueden verificar daños a personas y cosas. Tierre Group no es responsable de daños causados por el uso inapropiado de los productos.

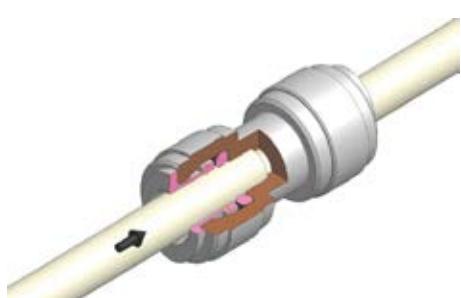
HOW TO CONNECT



Make sure that the tube size and the push-in system size of the fittings are the same.
Cut square (90° angle) the part of the tube that has to be inserted into the fittings using the proper tube cutter.
Make sure that the tube used is clean and does not present any scratch, crack, cut or deformity.
Before inserting the tube, please remove any possible obstruction inside the fitting.

Assicurarsi che il tubo ed il sistema ad innesto rapido del raccordo siano della stessa misura.
Tagliare ad angolo retto la parte di tubo che dovrà essere inserita nel raccordo mediante l'apposita pinza tagliatubo. Assicurarsi che il tubo utilizzato sia perfettamente pulito e che non presenti tagli, rotture, crepe o deformità. Prima dell'inserimento del tubo rimuovere ogni possibile ostruzione dall'interno del raccordo.

Asegurarse de que el tubo y el sistema de rieles automaticos sean del mismo tamaño.
Cortar a 90° la parte de tubo que tiene que ser insertada en el riel con cortatubo apropiada.
Asegurarse de que el tubo utilizado sea perfectamente lindo y que no tenga arañazos, daños y deformidad.
Antes de insertar el tubo, remover todas las posibles oclusiones en el riel.



Make sure that the tube is correctly and fully inserted.
Inserting the tube into the fitting requires a moderate strain. The tube and the fitting should not be scratched or damaged during the insertion, otherwise there may be leaks or further wrong functions.
Please, connect the tube by hands, without using of any kind of tool, whether dedicated or not.

Assicurarsi che il tubo sia correttamente e completamente inserito. L'inserimento del tubo richiede uno sforzo moderato. Il tubo ed il raccordo non devono essere graffiati o danneggiati durante l'inserimento, in caso contrario potrebbero esserci perdite o malfunzionamenti.
Eseguire l'inserimento manualmente, senza l'utilizzo di strumenti, siano essi dedicati o improvvisati.

Asegurarse de que el tubo sea correctamente y completamente insertado.
La insercion del tubo necesita de un esfuerzo suave. El tubo y el riel no tienen que ser arañados en la insercion si no pueden verificarse escapes de agua o otros malfuncionamientos.
Conectar manualmente sin la ayuda de instrumentos dedicados o no apropiados.



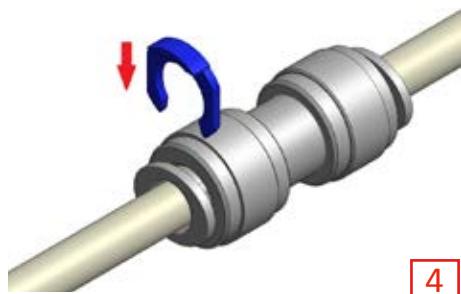
To make sure that the fitting is properly connected to the tube, please pull it once without releasing the collet.

Al fine di accertarsi che il tubo sia correttamente inserito, tirare lo stesso senza agire sul colletto di sgancio.

Para asegurarse de que el tubo sea correctamente insertado, tirarlo sin mover el anillo.

Technical Information

INSTRUCTIONS

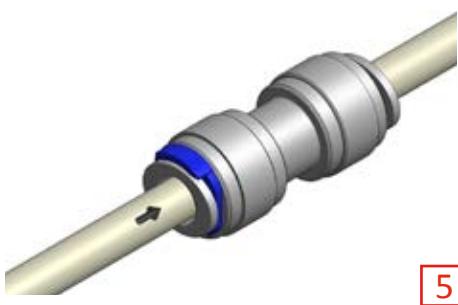


4

After pulling, insert a proper locking clip of the right dimension between the fitting body and the collet.

Dopo la trazione interporre l'apposita clip di bloccaggio della misura adeguata tra il corpo del raccordo ed il colletto di sgancio e spingere nuovamente il tubo sino al posizionamento in sede.

Despues de la traccion, insertar la clip de bloqueo del tamaño apropiado entre el cuerpo del racor y el anillo y presionar otra vez el tubo para insertarlo completamente.



5

Push once more the tube into the fitting for a complete insertion.

The use of our locking clips avoids accidental disconnections of the tube and eliminates any play between the tube and the fitting. All the performance limits indicated in this catalogue are related to the systems assembled with locking clips installed.

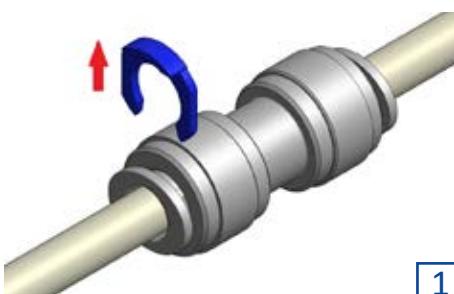
Spingere nuovamente il tubo nel raccordo fino a completo inserimento.

L'utilizzo delle nostre clip di bloccaggio elimina disconnessioni accidentali del tubo e elimina ogni gioco tra il tubo e il raccordo. Tutti i limiti di performance indicati in questo catalogo sono relativi al sistema assemblato con clip di bloccaggio installate.

Presionar otra vez el tubo en el racor hasta la completa insercion.

El utilizo de nuestras clip de bloqueo no permiten que ocurran desconexiones accidentales del tubo y cancela los posibles juegos entra el tubo y el racor. Todos los limites de conducta indicados en este catalogo se refieren al sistema montado con clip de bloqueo instaladas.

HOW TO DISCONNECT



1

Make sure that the pressure has been completely eliminated from the system before disassembling the tube.

In order to disconnect the tube, remove the locking clip first.

Assicurarsi che la pressione sia stata completamente eliminata dal sistema prima di sganciare il tubo.

Per sganciare il tubo, togliere la clip di bloccaggio.

Asegurarse de que no hay mas presion en el sistema antes de desmontar el tubo.

Para desmontar el tubo, remover la clip de bloqueo.



2

Push the collet in the direction of the body of the fitting and pull the tube keeping the collet pushed in order to disconnect the tube from the fitting.

Premere il colletto di sgancio in direzione del corpo del raccordo e mantenerlo premuto mentre si sfilà il tubo dal raccordo.

Presionar el anillo en dirección del cuerpo del racor y seguir presionando mientras se desmonta el tubo.

Fittings and tubes can be reused providing that they are not ruined and correctly working. It is possible to reuse them only in case of maintenance and only using the same fluid used before. The reuse refers to the push-in system only, being not guaranteed for the threaded part of the fittings. In case of reuse of a tube, the part previously inserted into the fitting has to be cut and the whole tube has to be verified.

I raccordi ed i tubi sono riutilizzabili a condizione che gli stessi siano integri e perfettamente funzionanti. Il riutilizzo deve avvenire sempre e soltanto in caso di manutenzione e per lo stesso fluido precedentemente utilizzato. Il riutilizzo si riferisce al solo sistema di innesto rapido e non è garantito in caso di raccordi filettati. Il tubo riutilizzato deve essere preventivamente verificato e la parte precedentemente inserita nel raccordo deve essere tagliata.

Los racores y tubos se pueden reutilizar solo si los mismos no tienen daños y funcionan apropiadamente. El reutilizo puede pasar solo en caso de mantenimiento y para el mismo fluido utilizado antes. El reutilizo se refiere solo al sistema de racores automatico y no es garantizado para racores rosados. El tubo reutilizado tiene que ser verificado y la parte insertada en el racor antes tiene que ser cortada.

Technical Information

WARNINGS AND PRECAUTIONS

In case of use with chemicals, it is responsibility of the user/customer to previously check the chemical compatibility of the fluid with the construction materials of the fittings and of the tubes.

Do not disassemble or modify the individual products as this may cause product malfunctions, leaks or failure. In any case the tampering (modifications or disassembling) of the products causes the decay of the guarantee.

Do not over-stress the products by rotation, twist, bending, chock, fatigue or other excess forces. This may damage the fittings and cause malfunctions, leaks or failure.

Do not use the products where ambient temperature and/or fluid temperature and pressure may exceed the indicated limits.

Do not use sealing systems other than Teflon tape to seal threaded connections.

If your plumbed line is used as an electrical ground, you must use a jumper wire to provide continuity across plastic fittings and metal tubing.

Never press collets towards the body unless you need to separate the tube from the fitting in an unpressurized line. Please, follow the instructions above.

CDC Fluidtech Europe reserves the right to modify the products from time-to-time when required by quality improvements and by market requirements. The actual products may differ from the pictures and drawings shown in this catalogue.

We recommend to assemble tubes, fittings, accessories and other products using Fluidfit products indicated as combinable. The failure in using the recommended products cause the decay of the guarantee. The customer is in charge of checking the performance of the products after the installation.

While connecting the tube, please make sure that it is correctly inserted into the proper fitting seat. Please, note that the tube may result well gripped even if it is not completely inserted into the seat. This may cause failures and leakages. In this case push the tube again into the fitting in order to be sure that it is completely inserted.

When using metallic tubing, please deburr the tubes ends to avoid potential cutting or other damages to the o-ring.

When using theraded fittings, please be careful not to over-toreque the fitting as this may damage the fitting and cause a leak or other failure, immediately or after the installation.

In caso di utilizzo con agenti chimici, è responsabilità dell'utente/cliente controllare preventivamente la compatibilità chimica del fluido con i materiali costruttivi dei raccordi e dei tubi.

Non smontare o modificare i singoli raccordi e prodotti poiché questo potrebbe causare malfunzionamenti e/o perdite. In ogni caso la manomissione dei prodotti comporta il decadimento della garanzia.

Non sottoporre i raccordi ad eccessi di stress derivanti da rotazioni, scuotimenti, curvature, colpi, fatica o altri tipi di forze. Ciò potrebbe causare malfunzionamenti e perdite.

Non usare i prodotti in ambienti o con fluidi che eccedono le temperature e le pressioni limite indicate.

Non utilizzare sistemi di tenuta diversi dal nastro teflon per le filettature.

In caso di utilizzo delle condutture come messa a terra si raccomanda di realizzare un ponte per garantire la continuità tra i tubi. I raccordi sono realizzati in materiale plastico non conduttore.

Non premere mai il colletto di sgancio se non in caso di necessità di disconnectione del tubo e seguendo le istruzioni già fornite.

I prodotti possono essere modificati da CDC Fluidtech Europe in base alle richieste derivanti da miglioramenti di qualità o dal mercato. I prodotti attuali possono differire dai disegni rappresentati a catalogo.

L'accoppiamento tra tubi, raccordi ed accessori deve avvenire con prodotti Fluidfit ed espressamente previsti come abbinabili pena il decadimento di qualsiasi tipo di garanzia. La verifica della funzionalità post installazione è a carico del cliente.

Durante l'inserimento del tubo verificare sempre che lo stesso sia posizionato completamente nella sua sede all'interno del raccordo. E' infatti possibile che il tubo venga graffato correttamente anche se non completamente in sede. Questa situazione potrebbe causare perdite. Spingere nuovamente il tubo per assicurarsi che lo stesso sia completamente inserito.

Qualora si utilizzino tubi metallici è necessario sbavare le parti terminali del tubo al fine di evitare tagli o altri danni agli o-ring.

In caso di utilizzo di raccordi filettati, si raccomanda di porre la massima attenzione durante l'avvitamento e di non eccedere le coppie di serraggio indicate poiché ciò potrebbe causare rotture e perdite.

Technical Information

WARNINGS AND PRECAUTIONS

En caso de utilitzo con agentes quimicos, el usuario/cliente, bajo su responsabilidad, tiene que comprobar antes la compatibilidad quimica del fluido con los materiales de construccion de los racores y de los tubos.

No desmontar o modificar los singulos racores y productos porque esto puede causar disfunciones y/o fugas. La alteracion (modificas o desmontajes) de los productos causa la perdida de la garantia.

No causar muchos esfuerzos a los racores provocados por rotacion, vueltas, golpes, agotamientos o otro tipo de fuerzas. Esto puede causar disfunciones y fugas.

No utilizar los productos en ambientes o con fluidos que exceden las temperaturas y presiones limites indicadas.

No utilizar sistemas de estanquidad diferentes de la cinta de PTFE para las roscas.

En caso de utilitzo de las lineas como conductor a tierra se aconseja de hacer un puente para garantizar continuidad entre los tubos. El material de los racores es plastico no conductor.

Nunca presionar el anillo si no en caso de necesidad de desconexion del tubo y siguiendo las instrucciones ya indicadas.

CDC Fluidtech Europe puede modificar los productos en base a las consultas que llegan por mejorias de calidad o del mercado. Los productos actuales pueden ser diferentes de los dibujos tecnicos en el catalogo.

Se aconseja el utilizo de tuberia, racores y accesorios de Fluidfit expresamente asociados. En caso contrario hay perdida de todas las garantias. La comprueba de las funcionalidades despues de la instalacion es responsabilidad del cliente.

En la fase de insercion del tubo verificar siempre que esto ha sido insertado completamente en el racor. Es posible que el tubo parezca insertado corectamente aunque la instalacion no es completa. Esta situation puede causar escapes. Presionar otra vez el tubo para asegurarse que sea completamente insertado.

En caso de tubos metalicos es necesario fresar las partes terminales del tubo para que no ocurran problemas con los anillos.

En caso de utilitzo de racores rosados, se aconseja el maximo cuidado con el tornillo y no exceder los torques indicados porque esto puede causar daños y fugas.

Certifications & Conformity Desclarations



ACS

Materials and objects can be used in fixed catching installations, adduction treatment and water distribution for human consumption

Materiali e oggetti che possono essere utilizzati negli impianti fissi di captazione, trattamento adduzione e distribuzione delle acque destinate al consumo umano

Materiales y objetos que pueden ser utilizados en instalaciones de captacion, tratamiento de adducion y distribucion de agua para consumo humano.



NSF

Food Equipment Materials
Drinking Water System Components

Materiali delle attrezzature alimentari – Componenti dei sistemi di acqua potabile

Materiales de los equipos de alimentos – Componentes de sistemas de agua potable



RoHS 2

Restriction of the use of certain hazardous substances in electrical and electronic equipment

Restrizione nell'utilizzo di determinate sostanze pericolose nelle attrezzature elettriche ed elettroniche.

Restriccion del uso de algunas sustancias peligrosas en equipos electricos y electronicos.



REACH

Entry, estimate, authorization and restriction of the chemical substances.

Registrazione, valutazione, autorizzazione e restrizione delle sostanze chimiche.

Inscripcion, estimacion, autorizacion y restriccion de las sustancias quimicas.



D.M. 174 /2004

Materials and objects can be used in fixed catching installations, adduction treatment and water distribution for human consumption

Materiali e oggetti che possono essere utilizzati negli impianti fissi di captazione, trattamento adduzione e distribuzione delle acque destinate al consumo umano

Materiales y objetos que pueden ser utilizados en instalaciones de captacion, tratamiento de adducion y distribucion de agua para consumo humano.



EC 1935/2004

Materials and articles intended to come in contact with food

Materiali e articoli a contatto con alimenti

Materiales y articulo en contacto con alimentos.

All the official documentation related to certifications & conformity declarations are available on demand.
This product range is in continuous updating, please check with our sales department for any kind of additional request.

ALL 2D AND 3D TECHNICAL DRAWINGS ARE AVAILABLE ON DEMAND

Tutte le documentazioni ufficiali legate alle certificazioni e dichiarazioni di conformità sono disponibili su richiesta. Questa gamma di prodotti sono in continuo aggiornamento. Vi preghiamo di verificare con il nostro ufficio vendite eventuali richieste aggiuntive.

Tutti i disegni 2D e 3D TECNICI SONO DISPONIBILI SU RICHIESTA

Todas las documentaciones oficiales que se refieren a certificados y declaraciones de conformidad son disponibles por encargo. Esta gama de producto se actualiza constantemente. Por favor contactad nuestro departamento de ventas para consultas adicionales.

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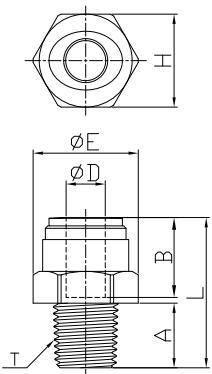
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Metric Fittings



Male connector BSPT - Raccordo dritto maschio BSPT - Racor directo macho BSPT

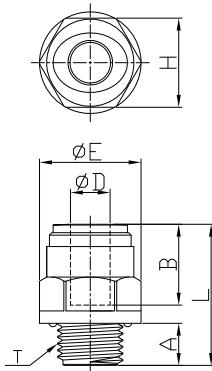
HPC



	ØD	T (BSPT)	A	B	ØE	H	L	WEIGHT (G)	
HPC04R01B	4	R 1/8	9,1	14,7	18,5	17	26,0	4,1	100
HPC06R01B	6	R 1/8	9,1	16,1	18,5	17	26,2	3,9	100
HPC06R02B	6	R 1/4	13,1	16,1	18,5	17	26,7	4,2	100
HPC06R03B	6	R 3/8	13,5	16,1	21,0	19	26,6	5,9	50
HPC08R01B	8	R 1/8	9,1	17,5	21,0	19	28,1	5,2	100
HPC08R02B	8	R 1/4	13,1	17,5	21,0	19	30,6	5,8	50
HPC08R03B	8	R 3/8	13,5	17,5	21,0	19	27,0	5,7	50
HPC10R02B	10	R 1/4	13,1	20,1	21,0	19	36,0	7,9	50
HPC10R03B	10	R 3/8	13,5	20,1	23,2	21	28,8	6,7	50
HPC10R04B	10	R 1/2	16,3	20,1	24,4	22	32,1	9,6	50
HPC12R03B	12	R 3/8	13,5	24,7	26,5	24	32,2	8,9	50
HPC12R04B	12	R 1/2	16,3	24,7	26,5	24	34,3	11,0	50

Male connector BSPP - Raccordo dritto maschio BSPP - Racor directo macho BSPP

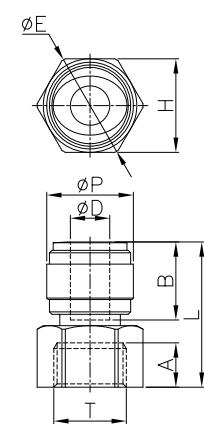
HPC-G



	ØD	T (BSPP)	A	B	ØE	H	L	WEIGHT (G)	
HPC04G01B	4	G 1/8	6,0	14,7	16,6	15	21,9	3,3	100
HPC04G02B	4	G 1/4	8,5	14,7	20,5	18	23,9	4,9	100
HPC06G01B	6	G 1/8	6,0	16,1	16,6	15	24,1	3,3	100
HPC06G02B	6	G 1/4	8,5	16,1	20,5	18	24,1	4,8	100
HPC08G01B	8	G 1/8	6,0	17,5	18,5	17	27,0	5,2	100
HPC08G02B	8	G 1/4	8,5	17,5	20,5	18	28,5	6,1	50
HPC08G03B	8	G 3/8	9,0	17,5	24,0	21	26,5	7,0	50
HPC08G04B	8	G 1/2	12,5	17,5	28,5	26	29,5	11,9	50
HPC10G02B	10	G 1/4	8,5	20,1	21,1	19	30,8	7,2	50
HPC10G03B	10	G 3/8	9,0	20,1	24,2	21	26,3	7,0	50
HPC10G04B	10	G 1/2	12,5	20,1	28,5	26	29,8	11,3	25
HPC12G03B	12	G 3/8	9,0	24,7	27,0	24	34,2	11,6	25
HPC12G04B	12	G 1/2	12,5	24,7	28,5	26	32,7	12,4	25
HPC15G04B	15	G 1/2	12,5	29,4	28,8	26	43,4	17,0	25
HPC15G06B	15	G 3/4	14,5	29,4	39,0	33	39,0	24,5	20
HPC22G06B	22	G 3/4	14,5	33,8	37,0	33	51,0	28,2	20

Female adapter BSPP - Raccordo dritto femmina BSPP - Adaptador hembra BSPP

HCF-G



	ØD	T (BSPP)	ØP	L	A	B	H	ØE	WEIGHT (G)	
HCF04G01B	4	G 1/8	17,6	26,9	6,0	14,7	17	19,2	6,0	50
HCF06G01B	6	G 1/8	17,6	27,1	6,0	16,1	17	19,2	6,1	50
HCF06G02B	6	G 1/4	17,6	29,1	8,5	16,1	19	21,5	7,0	50
HCF06G03B	6	G 3/8	17,6	30,6	9,0	16,1	24	27,3	9,9	50
HCF08G01B	8	G 1/8	17,6	27,5	6,0	17,5	17	19,2	6,0	50
HCF08G02B	8	G 1/4	17,6	29,5	8,5	17,5	19	21,5	6,7	50
HCF08G03B	8	G 3/8	17,6	31,0	9,0	17,5	24	27,3	9,7	50
HCF08G04B	8	G 1/2	20,0	38,0	12,5	17,5	27	30,0	13,8	25
HCF08G06B	8	G 3/4	20,0	36,6	10,0	17,5	36,7	41,6	39,2	20
HCF10G02B	10	G 1/4	23,0	34,5	8,5	20,1	19	21,5	10,8	50
HCF10G03B	10	G 3/8	23,0	37,0	9,0	20,1	24	27,3	13,7	25
HCF10G04B	10	G 1/2	20,0	38,3	12,5	20,1	27	30,0	13,3	25
HCF10G06B	10	G 3/4	20,0	36,9	10,0	20,1	36,7	41,6	38,6	20
HCF12G02B	12	G 1/4	23,0	37,7	9,0	24,7	24	27,3	13,0	25
HCF12G03B	12	G 3/8	23,0	37,7	9,0	24,7	24	27,3	13,0	25
HCF12G04B	12	G 1/2	23,0	41,7	12,5	24,7	27	30,0	15,4	25
HCF15G06B	15	G 3/4	28,0	45,4	12,0	29,4	33	37,0	25,1	25

3/4 thread in yellow brass
filetto 3/4 in ottone giallo
rosca de 3/4 de latón amarillo

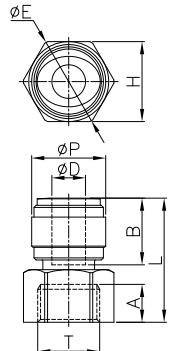


Metric Fittings



Female adapter UNF - Raccordo diritto femmina UNF - *Adaptador hembra UNF*

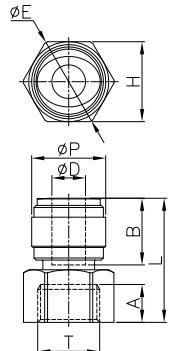
HCF-UNF



	ØD	T (UNF)	ØP	L	A	B	H	ØE	WEIGHT (G)	<input type="checkbox"/>
HCF06-UNF7/16-20B	6	7/16-20	17,6	30,1	9,5	16,1	17	19	6,5	50
HCF08-UNF7/16-20B	8	7/16-20	17,6	30,5	9,5	17,5	17	19	6,5	50
HCF10-UNF7/16-20B	10	7/16-20	20,0	33,1	9,5	20,1	17	19	7,5	50

Female adapter UNS - Raccordo diritto femmina UNS - *Adaptador hembra UNS*

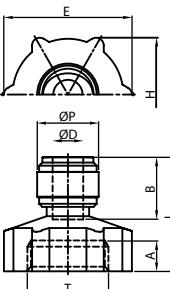
HCF-UNS



	ØD	T (UNS)	ØP	L	A	B	H	ØE	WEIGHT (G)	<input type="checkbox"/>
HCF06-UNS7/16-24B	6	7/16-24	17,6	27,1	6,7	16,1	17	19	6,1	50
HCF08-UNS7/16-24B	8	7/16-24	17,6	27,5	6,7	17,5	17	19	6,1	50

Female adapter NH - Raccordo diritto femmina NH - *Adaptador hembra NH*

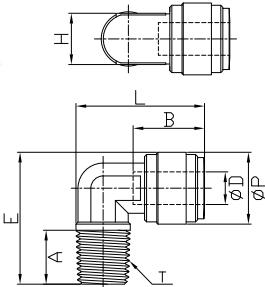
HCF-NH



	ØD	T (NH)	ØP	L	A	B	H	ØE	WEIGHT (G)	<input type="checkbox"/>
HCF06-NH06B	6	3/4	15,5	34,2	10,0	16,1	36,7	41,6	34,9	20
HCF08-NH06B	8	3/4	20,0	36,6	10,0	17,5	36,7	41,6	36,5	20
HCF10-NH06B	10	3/4	20,0	36,9	10,0	20,1	36,7	41,6	38,1	20

Male elbow BSPT - Raccordo gomito maschio BSPT - *Racor codo macho BSPT*

HPL



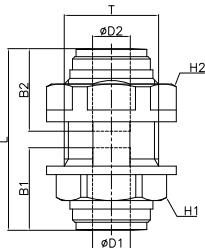
	ØD	T (BSPT)	ØP	A	B	E	H	L	WEIGHT (G)	<input type="checkbox"/>
HPL04R01B	4	R 1/8	15,0	9,1	14,7	25,6	10	25,2	4,2	100
HPL06R01B	6	R 1/8	15,0	9,1	16,1	25,6	10	25,4	4,1	100
HPL06R02B	6	R 1/4	15,0	13,1	16,1	30,6	10	27,0	5,1	50
HPL06R03B	6	R 3/8	17,6	13,5	16,1	32,6	13	33,1	8,4	50
HPL08R02B	8	R 1/4	17,6	13,1	17,5	32,2	13	31,5	7,0	50
HPL08R03B	8	R 3/8	17,6	13,5	17,5	32,6	13	33,5	8,0	50
HPL10R02B	10	R 1/4	23,6	13,1	20,1	38,3	17	37,5	14,1	25
HPL10R03B	10	R 3/8	20,0	13,5	20,1	35,7	14	33,9	9,2	50
HPL12R02B	12	R 1/4	23,6	13,1	24,7	38,3	17	38,2	13,1	25
HPL12R03B	12	R 3/8	23,0	13,5	24,7	38,3	17,0	38,4	13,2	25
HPL12R04B	12	R 1/2	23,0	16,3	24,7	41,4	17,7	40,7	15,6	25

Metric Fittings



Bulkhead connector - Raccordo passaparete - Racor pasatabiques

HMM

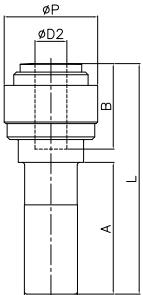


	ØD1	ØD2	T	L	B1	B2	H1 (Fixed)	H2	WEIGHT (G)	
HMM0404B	4	4	M15x1,5p	32,4	14,7	14,7	17	18	6,9	50
HMM0606B	6	6	M17x1,5p	35,7	16,1	16,1	19	21	9,6	50
HMM0808B	8	8	M20x1,75p	38,5	17,5	17,5	21	25,5	14,0	25
HMM1010B	10	10	M24x1,75p	42,2	20,1	20,1	24	28,5	19,5	25
HMM1212B	12	12	M27x2,0p	51,4	24,7	24,7	27	31	28,2	20

	ØD1	ØD2	T	L	B1	B2	H1 (Fixed)	H2	WEIGHT (G)	
HMM0604B	6	4	M17x1,5p	35,5	16,1	16,1	19	21	9,8	50
HMM0806B	8	6	M20x1,75p	38,1	17,5	17,5	21	25,5	14,3	25

Reducer - Riduzione - Reducción

HGJ

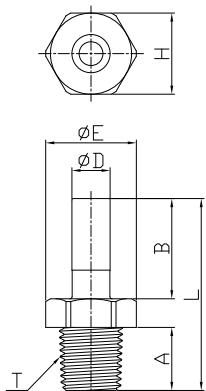


	ØD1	ØD2	ØP	L	A	B	WEIGHT (G)	
HGJ0604B	6	4	13,2	36,7	21,0	14,7	2,4	100
HGJ0804B	8	4	15,5	40,4	22,5	14,7	3,7	100
HGJ0806B	8	6	15,5	40,6	22,5	16,1	3,5	100
HGJ1006B	10	6	17,6	43,4	24,8	16,1	5,2	50
HGJ1008B	10	8	17,6	43,8	24,8	17,5	5,1	50
HGJ1208B	12	8	20,0	51,3	29,5	17,5	7,3	50
HGJ1210B	12	10	20,0	51,6	29,5	20,1	6,9	50
HGJ1510B	15	10	20,0	61,0	35,0	20,1	12,0	25
HGJ1512B	15	12	23,6	61,7	35,0	24,7	11,3	25
HGJ2215B	22	15	28,0	70,4	41,0	29,4	19,7	-

	ØD1	ØD2	ØP	L	A	B	WEIGHT (G)	
HGJ0810B	8	10	20,0	44,9	22,5	20,1	5,4	50

Enlarger - Maggiorazione - Aumentar

HCJ



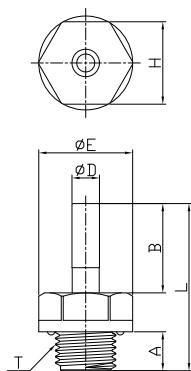
	ØD	T (BSPT)	A	B	ØE	H	L	WEIGHT (G)	
HCJ04R01B	4	R 1/8	9,1	18,0	14,4	13	33,1	1,8	100
HCJ04R02B	4	R 1/4	13,1	18,0	18,5	17	37,1	3,5	100
HCJ06R01B	6	R 1/8	9,1	19,5	14,4	13	34,6	2,0	100
HCJ06R02B	6	R 1/4	13,1	19,5	18,5	17	38,6	3,7	100
HCJ08R01B	8	R 1/8	9,1	21,0	14,4	13	36,1	2,2	100
HCJ08R02B	8	R 1/4	13,1	21,0	18,5	17	40,1	3,8	50
HCJ08R03B	8	R 3/8	13,5	21,0	23,0	21	40,5	5,3	50
HCJ10R02B	10	R 1/4	13,1	24,0	18,5	17	43,1	4,5	50
HCJ10R03B	10	R 3/8	13,5	24,0	23,0	21	44,0	6,1	50
HCJ10R04B	10	R 1/2	16,5	24,0	26,5	24	47,0	9,7	25
HCJ12R03B	12	R 3/8	13,5	28,0	23,0	21	48,0	6,8	20
HCJ12R04B	12	R 1/2	16,5	28,0	26,5	24	51,0	10,2	25

Metric Fittings



Male stem adapter BSPP - Adattatore a codolo maschio BSPP - Adaptador con espiga macho BSPP

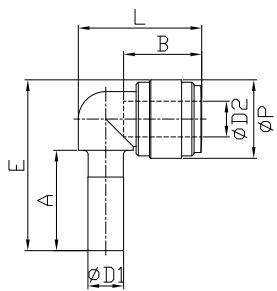
HCJ-G



	ØD	T (BSPP)	A	B	ØE	H	L	WEIGHT (G)	
HCJ04G01B	4	G 1/8	6,0	18,0	16,6	15	32,5	2,7	100
HCJ04G02B	4	G 1/4	8,5	18,0	20,5	18	35,0	4,2	100
HCJ06G01B	6	G 1/8	6,0	19,5	16,6	15	34,0	2,8	100
HCJ06G02B	6	G 1/4	8,5	19,5	20,5	18	36,5	4,3	100
HCJ08G01B	8	G 1/8	6,0	21,0	16,6	15	35,5	3,0	100
HCJ08G02B	8	G 1/4	8,5	21,0	20,5	18	38,0	4,6	50
HCJ08G03B	8	G 3/8	9,0	21,0	24,2	22	38,5	6,2	50
HCJ10G02B	10	G 1/4	8,5	24,0	20,5	18	41,0	5,2	50
HCJ10G03B	10	G 3/8	9,0	24,0	24,2	22	41,5	6,8	50
HCJ10G04B	10	G 1/2	12,5	24,0	28,5	26	45,0	10,7	25
HCJ12G03B	12	G 3/8	9,0	28,0	24,2	22	45,5	7,3	20
HCJ12G04B	12	G 1/2	12,5	28,0	28,5	26	49,0	11,2	25
HCJ15G04B	15	G 1/2	12,5	36,0	28,8	26	57,0	13,8	25
HCJ22G06B	22	G 3/4	14,5	41,0	39,0	33,0	67,5	25,8	-

Union elbow tube with stem - Raccordo a gomito con codolo - Racord codo con espiga

HLJ

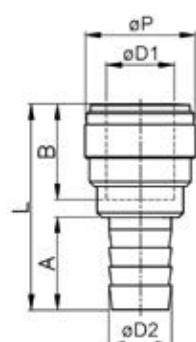


	ØD1	ØD2	ØP	A	B	E	L	WEIGHT (G)	
HLJ0404B	4	4	13,2	18,0	14,7	30,1	21,9	2,5	100
HLJ0606B	6	6	15,5	21,0	16,1	34,8	25,1	3,7	100
HLJ0808B	8	8	17,6	22,5	17,5	38,3	27,7	5,3	50
HLJ1010B	10	10	20,0	24,8	20,1	43,2	31,3	7,4	50
HLJ1212B	12	12	23,6	29,5	24,7	51,2	39,0	12,6	25
HLJ1515B	15	15	28,0	35,0	29,4	61,3	48,5	21,7	20
HLJ2222B	22	22	35,5	41,0	33,8	75,5	58,0	38,9	-

	ØD1	ØD2	ØP	A	B	E	L	WEIGHT (G)	
HLJ0608B	6	8	17,6	21,0	17,5	36,8	26,0	4,7	100
HLJ1006B	10	6	20,0	24,8	16,1	43,2	30,6	7,8	50
HLJ1008B	10	8	20,0	24,8	17,5	43,2	31,0	8,2	50

Barb connector - Raccordo portagomma - Espiga

HCBB



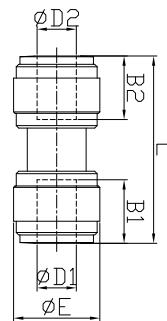
	ØD1	ØD2	ØP	L	A	B	WEIGHT (G)	
HCBB1210B	12	10	23,0	46,9	20,0	24,7	8,5	25
HCBB15-1/2B	15	1/2	28,0	54,2	22,3	29,4	14,0	20
HCBB22-1/2B	22	1/2	35,7	58,8	22,3	33,8	22,1	20
HCBB22-3/4B	22	3/4	35,7	66,5	30,0	33,8	25,7	20

Metric Fittings



Union connector - Intermedio dritto - *Racor directo*

HUC



	ØD1	ØD2	B1	B2	ØE	L	WEIGHT (G)	
HUC0404B	4	4	14,7	14,7	13,2	31,8	3,8	100
HUC0606B	6	6	16,1	16,1	15,0	35,2	4,7	100
HUC0808B	8	8	17,5	17,5	17,6	38,2	6,9	50
HUC1010B	10	10	20,1	20,1	20,0	42,7	9,2	50
HUC1212B	12	12	24,7	24,7	23,0	52,4	14,4	25
HUC1515B	15	15	29,4	29,4	28,0	61,8	23,4	20
HUC2222B	22	22	33,8	33,8	35,5	70,6	37,7	9

	ØD1	ØD2	B1	B2	ØE	L	WEIGHT (G)	
HUC0604B	6	4	16,1	14,7	15,0	35,0	5,0	100
HUC0605B	6	5	16,1	14,9	15,0	35,1	5,0	100
HUC0806B	8	6	17,5	16,1	17,6	37,8	7,1	50
HUC1006B	10	6	20,1	16,1	20,0	42,0	9,8	50
HUC1008B	10	8	20,1	17,5	20,0	42,4	9,6	50
NEW HUC1208B	12	8	24,7	17,5	23,6	44,4	11,5	25
HUC1210B	12	10	24,7	20,1	23,0	51,7	15,0	25

Union elbow - Intermedio a gomito - *Racor codo*

HUL



	ØD1	ØD2	B1	B2	ØE1	ØE2	L	H	WEIGHT (G)	
HUL0404B	4	4	14,7	14,7	13,2	13,2	24,5	24,5	3,9	100
HUL0606B	6	6	16,1	16,1	15,0	15,0	27,6	27,6	5,1	100
HUL0808B	8	8	17,5	17,5	17,6	17,6	30,7	30,7	7,6	50
HUL1010B	10	10	20,1	20,1	20,0	20,0	35,8	35,8	10,2	50
HUL1212B	12	12	24,7	24,7	23,0	23,0	43,2	43,2	16,4	25
HUL1515B	15	15	29,4	29,4	28,0	28,0	52,2	52,2	27,4	20
HUL2222B	22	22	33,8	33,8	35,5	35,5	63,9	63,9	46,8	9

	ØD1	ØD2	B1	B2	ØE1	ØE2	L	H	WEIGHT (G)	
HUL0804B	8	4	17,5	14,7	17,6	13,2	28,3	29,7	5,9	50
HUL0806B	8	6	17,5	16,1	17,6	17,6	30,7	30,3	7,7	50
HUL1006B	10	6	20,1	16,1	23,0	17,6	37,8	36,1	12,6	50
HUL1008B	10	8	20,1	17,5	20,0	20,0	35,8	35,5	10,2	50
HUL1206B	12	6	24,7	16,1	23,0	17,6	38,5	36,1	12,0	50
HUL1208B	12	8	24,7	17,5	23,0	17,6	38,5	36,5	11,9	50
HUL1210B	12	10	24,7	20,1	23,0	23,0	43,2	42,5	17,3	25

	ØD1	ØD2	B1	B2	ØE1	ØE2	L	H	WEIGHT (G)	
HUL1/4-06B	1/4	6	16,9	16,1	15,5	15,5	28,75	28,75	6,0	100

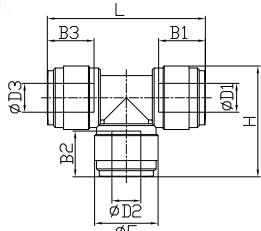


Metric Fittings



Union tee - Intermedio a T - Racor T

HUT

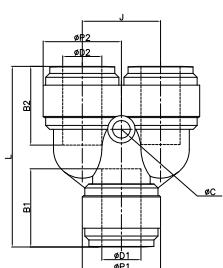


NEW

	ØD1	ØD2	ØD3	B1	B2	B3	ØE	H	L	WEIGHT (G)	
HUT0404B	4	4	4	14,7	14,7	14,7	13,2	24,5	35,8	5,8	100
HUT0606B	6	6	6	16,1	16,1	16,1	15,0	27,6	40,2	7,3	50
HUT0808B	8	8	8	17,5	17,5	17,5	17,6	30,7	43,8	10,6	50
HUT1010B	10	10	10	20,1	20,1	20,1	20,0	35,8	51,6	14,6	25
HUT1212B	12	12	12	24,7	24,7	24,7	23,0	43,2	63,4	23,2	20
HUT1515B	15	15	15	29,4	29,4	29,4	28,0	52,2	76,4	38,2	9
HUT2222B	22	22	22	33,8	33,8	33,8	35,5	63,9	92,3	64,0	6

Two way divider - Intermedio a Y - Racor Y

HUY

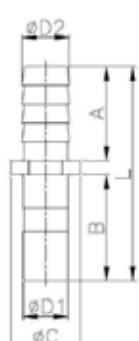


	ØD1	ØD2	B1	B2	ØP1	ØP2	L	J	ØC	WEIGHT (G)	
HUY0404B	4	4	14,7	14,7	13,8	13,8	33,7	13,5	3,3	6,7	100
HUY0606B	6	6	16,1	16,1	15,5	15,5	38,8	15,5	3,3	9,2	50
HUY0808B	8	8	17,5	17,5	17,6	17,6	41,0	17,6	4,5	11,6	50
HUY1010B	10	10	20,1	20,1	20,0	20,0	46,2	20,0	4,5	16,0	25
HUY1212B	12	12	24,7	24,7	23,0	23,0	56,4	23,0	4,5	26,3	20

	ØD1	ØD2	B1	B2	ØP1	ØP2	L	J	ØC	WEIGHT (G)	
HUY1008B	10	8	20,1	17,5	20,0	20,0	45,9	20,0	4,5	16,8	25

Tube barb connector - Codolo portagomma dritto - Codo con espiga

HCJB



	ØD1	ØD2	ØC	L	A	B	WEIGHT (G)	
HCJB0604B	6	4	11,4	38,2	18,0	17,2	-	100
HCJB0606B	6	6	11,4	38,2	18,0	17,2	-	100
HCJB0806B	8	6	12,2	40,0	18,0	19,0	-	100
HCJB1006B	10	6	14,7	43,5	18,0	22,5	2,1	100
HCJB1008B	10	8	14,7	43,5	18,0	22,5	2,3	100

Metric Fittings



Elbow tube barb connector - codolo portagomma a gomito - *conector codo de tubo con espiga*

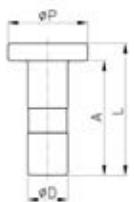
HLJ_B



	ØD1	ØD2	ØC	L	E	A	B	WEIGHT (G)	
HLJB1006B	10	6	12,0	24,0	28,5	18,0	22,5	3,2	100
HLJB1008B	10	8	12,0	24,0	28,5	18,0	22,5	3,4	100

Male plug - Tappo maschio - *Tapon macho*

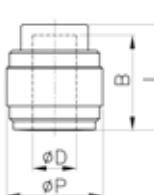
HPP



	ØD	ØP	L	A	WEIGHT (G)	
HPP04B	4	13	22,5	19,0	0,8	200
HPP06B	6	13	24,5	21,0	1,1	200
HPP08B	8	16	26,5	23,0	1,8	100
HPP10B	10	18	30,0	26,0	2,7	100
HPP12B	12	21	34,0	30,0	4,0	100
HPP15B	15	25	40,0	36,0	6,4	50
HPP22B	22	33	45,5	41,0	12,2	20

Female plug - Tappo femmina - *Tapon hembra*

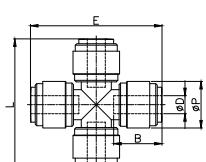
HPF



	ØD	ØP	L	B	WEIGHT (G)	
HPF06B	6	15,5	18,9	16,1	2,8	100
HPF08B	8	17,6	19,5	17,5	3,6	100
HPF10B	10	20,0	22,1	20,1	4,7	100
HPF12B	12	23,0	26,7	24,7	7,3	50
HPF15B	15	28,0	32,1	29,4	12,6	25
HPF22B	22	35,5	36,6	33,8	20,6	20

Cross junction - Croce - *Cruz*

HZA



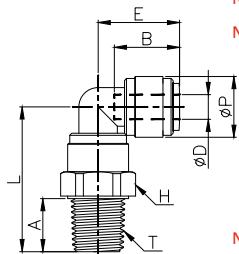
	ØD	ØP	L	E	B	WEIGHT (G)	
HZA0606B	6	15,5	43,8	43,8	16,1	9,7	25

Metric Fittings



Male swivel elbow BSPT - Gomito girevole maschio conico BSPT - Racor codo orientabile macho cônica BSPT

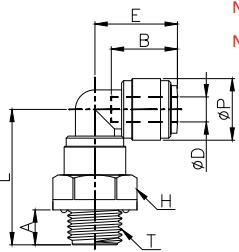
HRPL



	ØD	T (BSPT)	ØP	A	B	E	H	L	WEIGHT (G)	
NEW	HRPL04R01B	4	R1/8	13,2	9,1	14,7	17,9	15	29,7	5,9
NEW	HRPL04R02B	4	R1/4	13,2	13,1	14,7	17,9	17	33,7	7,3
	HRPL06R01B	6	R1/8	15,0	9,1	16,1	20,1	17	31,7	7,2
	HRPL06R02B	6	R1/4	15,0	13,1	16,1	20,1	17	35,7	8,0
	HRPL08R01B	8	R1/8	17,6	9,1	17,5	21,9	19	33,4	9,9
	HRPL08R02B	8	R1/4	17,6	13,1	17,5	21,9	19	37,4	10,7
	HRPL08R03B	8	R3/8	17,6	13,5	17,5	21,9	19	37,8	11,4
NEW	HRPL10R02B	10	R1/4	20,0	13,1	20,1	25,8	21	41,4	15,1
	HRPL10R03B	10	R3/8	20,0	13,5	20,1	25,8	21	41,8	15,4
NEW	HRPL10R04B	10	R1/2	20,0	16,5	20,1	25,8	24	44,8	19,5
	HRPL12R03B	12	R3/8	23,0	13,5	24,7	31,7	24	48,2	23,4
NEW	HRPL12R04B	12	R1/2	23,0	16,5	24,7	31,7	24	51,2	25,9

Male swivel elbow BSPP - Gomito girevole maschio cilindrico BSPP - Racor codo orientabile macho cilíndrica BSPP

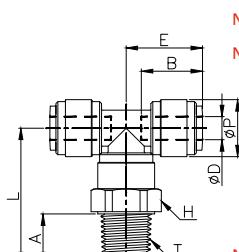
HRPL-G



	ØD	T (BSPP)	ØP	A	B	E	H	L	WEIGHT (G)	
NEW	HRPL04G01B	4	G1/8	13,2	6,0	14,7	17,9	15,0	28,5	6,0
NEW	HRPL04G02B	4	G1/4	13,2	8,5	14,7	17,9	18,0	31,0	7,7
NEW	HRPL06G01B	6	G1/8	15,0	6,0	16,1	20,1	17,0	30,5	7,7
NEW	HRPL06G02B	6	G1/4	15,0	8,5	16,1	20,1	18,0	33,0	8,7
	HRPL08G01B	8	G1/8	17,6	6,0	17,5	21,9	18,0	31,9	10,4
	HRPL08G02B	8	G1/4	17,6	8,5	17,5	21,9	18,0	34,4	11,0
	HRPL08G03B	8	G3/8	17,6	9,0	17,5	21,9	22,0	34,9	12,8
	HRPL10G02B	10	G1/4	20,0	8,5	20,1	25,8	22,0	38,0	15,4
	HRPL10G03B	10	G3/8	20,0	9,0	20,1	25,8	22,0	38,5	15,8
	HRPL10G04B	10	G1/2	20,0	12,5	20,1	25,8	26,0	42,0	19,1
	HRPL12G03B	12	G3/8	23,0	9,0	24,7	31,7	26,0	43,7	23,2
NEW	HRPL12G04B	12	G1/2	23,0	12,5	14,7	31,7	26,0	47,2	25,2

Male swivel tee BSPT - T girevole maschio conico BSPT - Racor T orientable macho cônica BSPT

HRPT



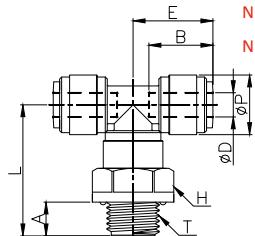
	ØD	T (BSPT)	ØP	A	B	E	H	L	WEIGHT (G)	
NEW	HRPT04R01B	4	R1/8	13,2	9,1	14,7	17,9	15,0	29,7	7,8
NEW	HRPT04R02B	4	R1/4	13,2	13,1	14,7	17,9	17,0	33,7	9,2
	HRPT06R01B	6	R1/8	15,0	9,1	16,1	20,1	17,0	31,7	9,3
	HRPT06R02B	6	R1/4	15,0	13,1	16,1	20,1	17,0	35,7	10,3
	HRPT08R01B	8	R1/8	17,6	9,1	17,5	21,9	19,0	33,4	13,1
	HRPT08R02B	8	R1/4	17,6	13,1	17,5	21,9	19,0	37,4	14,0
	HRPT08R03B	8	R3/8	17,6	13,5	17,5	21,9	19,0	37,8	14,6
NEW	HRPT10R02B	10	R1/4	20,0	13,1	20,1	25,8	21,0	41,4	19,5
	HRPT10R03B	10	R3/8	20,0	13,5	20,1	25,8	21,0	41,8	19,4
NEW	HRPT10R04B	10	R1/2	20,0	16,5	20,1	25,8	24,0	44,8	23,9
	HRPT12R03B	12	R3/8	23,0	13,5	24,7	31,7	24,0	42,8	30,2
NEW	HRPT12R04B	12	R1/2	23,0	16,5	24,7	31,7	24,0	51,2	32,7

Metric Fittings



Swivel male tee BSPP - T girevole maschio cilindrico BSPP - Racor T orientable macho cilíndrica BSPP

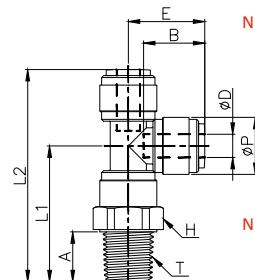
HRPT-G



	ϕD	T (BSPP)	ϕP	A	B	E	H	L	WEIGHT (G)	
NEW	HRPT04G01B	4	G1/8	13,2	6,0	14,7	17,9	15	28,5	7,9
NEW	HRPT04G02B	4	G1/4	13,2	8,5	14,7	17,9	18	31,0	9,6
NEW	HRPT06G01B	6	G1/8	15,0	6,0	16,1	20,1	17	30,5	10,0
NEW	HRPT06G02B	6	G1/4	15,0	8,5	16,1	20,1	18	33,0	11,0
	HRPT08G01B	8	G1/8	17,6	6,0	17,5	21,9	18	31,9	13,4
	HRPT08G02B	8	G1/4	17,6	8,5	17,5	21,9	18	34,4	14,0
	HRPT08G03B	8	G3/8	17,6	9,0	17,5	21,9	22	34,9	15,8
	HRPT10G02B	10	G1/4	20,0	8,5	20,1	25,8	22	38,0	19,8
	HRPT10G03B	10	G3/8	20,0	9,0	20,1	25,8	22	38,5	20,2
	HRPT10G04B	10	G1/2	20,0	12,5	20,1	25,8	26	42,0	29,5
	HRPT12G03B	12	G3/8	23,0	9,0	24,7	31,7	26	43,7	30,0
NEW	HRPT12G04B	12	G1/2	23,0	12,5	24,7	31,7	26	47,2	32,0
										12

Swivel run male tee BSPT - T laterale girevole maschio conico BSPT - Racor T lateral orientable macho cônica BSPT

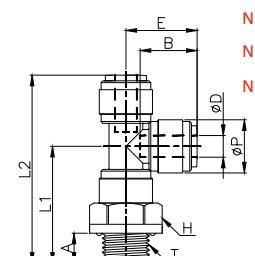
HRST



	ϕD	T (BSPT)	ϕP	A	B	E	H	L1	L2	WEIGHT (G)	
NEW	HRST04R01B	4	R1/8	13,2	9,1	14,7	17,9	15	29,7	47,6	7,8
NEW	HRST04R02B	4	R1/4	13,2	13,1	14,7	17,9	17	33,7	51,6	9,2
	HRST06R01B	6	R1/8	15,0	9,1	16,1	20,1	17	31,7	51,8	9,3
	HRST06R02B	6	R1/4	15,0	13,1	16,1	20,1	17	35,7	55,8	10,2
	HRST08R01B	8	R1/8	17,6	9,1	17,5	21,9	19	33,4	55,3	13,1
	HRST08R02B	8	R1/4	17,6	13,1	17,5	21,9	19	37,4	59,3	14,2
	HRST08R03B	8	R3/8	17,6	13,5	17,5	21,9	19	37,8	59,7	14,6
	HRST10R02B	10	R1/4	20,0	13,1	20,1	25,8	21	41,4	67,2	19,5
	HRST10R03B	10	R3/8	20,0	13,5	20,1	25,8	21	41,8	67,6	19,4
	HRST10R04B	10	R1/2	20,0	16,5	20,1	25,8	24	44,8	70,6	23,9
	HRST12R03B	12	R3/8	23,0	13,5	24,7	31,7	24	48,2	79,9	30,2
NEW	HRST12R04B	12	R1/2	23,0	16,5	24,7	31,7	24	51,2	82,9	32,7
											12

Swivel run male tee BSPP - T laterale girevole maschio cilindrico BSPP - Racor T lateral orientable macho cilíndrica BSPP

HRST-G



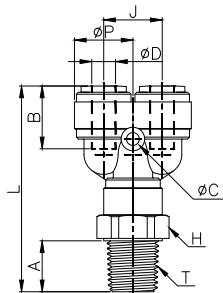
	ϕD	T (BSPP)	ϕP	A	B	E	H	L1	L2	WEIGHT (G)	
NEW	HRST04G01B	4	G1/8	13,2	6,0	14,7	17,9	15,0	28,5	46,4	7,9
NEW	HRST04G02B	4	G1/4	13,2	8,5	14,7	17,9	18,0	31,0	48,9	9,6
NEW	HRST06G01B	6	G1/8	15,0	6,0	16,1	20,1	17,0	30,5	50,6	10,0
NEW	HRST06G02B	6	G1/4	15,0	8,5	16,1	20,1	18,0	33,0	53,1	11,0
	HRST08G01B	8	G1/8	17,6	6,0	17,5	21,9	18,0	31,9	53,8	13,4
	HRST08G02B	8	G1/4	17,6	8,5	17,5	21,9	18,0	34,4	56,3	14,0
	HRST08G03B	8	G3/8	17,6	9,0	17,5	21,9	22,0	34,9	56,8	15,8
	HRST10G02B	10	G1/4	20,0	8,5	20,1	25,8	22,0	38,0	63,8	19,8
	HRST10G03B	10	G3/8	20,0	9,0	20,1	25,8	22,0	38,5	64,3	20,2
	HRST10G04B	10	G1/2	20,0	12,5	20,1	25,8	26,0	42,0	67,8	29,5
	HRST12G03B	12	G3/8	23,0	9,0	24,7	31,7	26,0	43,7	75,4	30,0
NEW	HRST12G04B	12	G1/2	23,0	12,5	24,7	31,7	26,0	47,2	78,9	32,0
											12

Metric Fittings



Swivel male Y BSPT - Y girevole maschio conico BSPT - Racor Y orientable macho cônica BSPT

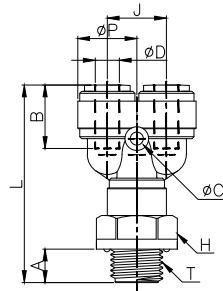
HRWT



	$\varnothing D$	T (BSPT)	$\varnothing P$	A	B	J	H	L	$\varnothing C$	WEIGHT (G)	
NEW	HRWT04R01B	4	R1/8	13,8	9,1	14,7	13,5	15,0	45,5	3,3	8,7
NEW	HRWT04R02B	4	R1/4	13,8	13,1	14,7	13,5	17,0	49,5	3,3	10,1
	HRWT06R01B	6	R1/8	15,5	9,1	16,1	15,5	17,0	50,4	3,3	11,6
	HRWT06R02B	6	R1/4	15,5	13,1	16,1	15,5	17,0	54,4	3,3	12,5
	HRWT08R01B	8	R1/8	17,6	9,1	17,5	17,6	19,0	52,5	4,5	14,0
	HRWT08R02B	8	R1/4	17,6	13,1	17,5	17,6	19,0	56,5	4,5	14,9
	HRWT08R03B	8	R3/8	17,6	13,5	17,5	17,6	19,0	56,9	4,5	15,5
NEW	HRWT10R02B	10	R1/4	20,0	13,1	20,1	20,0	21,0	61,8	4,5	20,9
	HRWT10R03B	10	R3/8	20,0	13,5	20,1	20,0	21,0	62,2	4,5	20,1
NEW	HRWT10R04B	10	R1/2	20,0	16,5	20,1	20,0	24,0	65,2	4,5	25,3
NEW	HRWT12R03B	12	R3/8	23,0	13,5	24,7	23,0	24,0	72,9	4,5	33,3
NEW	HRWT12R04B	12	R1/2	23,0	16,5	24,7	23,0	24,0	75,9	4,5	35,8

Swivel male Y BSPP - Y girevole maschio cilindrico BSPP - Racor Y orientable macho cilíndrica BSPP

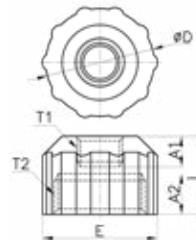
HRWT-G



	$\varnothing D$	T (BSPP)	$\varnothing P$	A	B	J	H	L	$\varnothing C$	WEIGHT (G)	
NEW	HRWT04G01B	4	G1/8	13,8	6,0	14,7	13,5	15,0	44,3	3,3	8,8
NEW	HRWT04G02B	4	G1/4	13,8	8,5	14,7	13,5	18,0	46,8	3,3	10,5
NEW	HRWT06G01B	6	G1/8	15,5	6,0	16,1	15,5	17,0	49,2	3,3	11,9
NEW	HRWT06G02B	6	G1/4	15,5	8,5	16,1	15,5	18,0	51,7	3,3	12,9
	HRWT08G01B	8	G1/8	17,6	6,0	17,5	17,6	18,0	51,0	4,5	13,9
	HRWT08G02B	8	G1/4	17,6	8,5	17,5	17,6	18,0	53,5	4,5	15,1
	HRWT08G03B	8	G3/8	17,6	9,0	17,5	17,6	22,0	54,0	4,5	16,8
	HRWT10G02B	10	G1/4	20,0	8,5	20,1	20,0	22,0	58,4	4,5	20,2
	HRWT10G03B	10	G3/8	20,0	9,0	20,1	20,0	22,0	58,9	4,5	21,6
	HRWT10G04B	10	G1/2	20,0	12,5	20,1	20,0	26,0	62,4	4,5	24,9
	HRWT12G03B	12	G3/8	23,0	9,0	24,7	23,0	26,0	68,4	4,5	33,1
NEW	HRWT12G04B	12	G1/2	23,0	12,5	24,7	23,0	26,0	71,9	4,5	35,1

Threaded reducer - Riduzione filettata - Reducción con rosca

HUFF



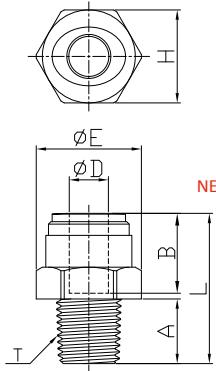
	T1 (BSPP)	T2 (BSPP)	$\varnothing D$	A1	A2	L	E	WEIGHT (G)	
	HUFFG02-G06G	1/4	3/4	31,5	9,5	12,0	23,0	33,5	15,6
	HUFFG03-G06G	3/8	3/4	31,5	9,5	12,0	23,0	33,5	14,5

Inch Fittings



Male connector NPTF - Raccordo diritto maschio NPTF - *Racor directo macho NPTF*

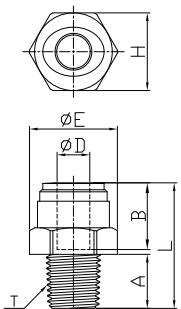
HPC



	ØD	T (NPT)	A	B	ØE	H	L	WEIGHT (G)	
HPC5/32-N01G	5/32	N 1/8	9,1	14,7	17,8	15,8 (5/8)	22,2	3,2	100
HPC5/32-N02G	5/32	N 1/4	13,2	14,7	17,8	15,8 (5/8)	25,3	4,3	100
HPC3/16-N01G	3/16	N 1/8	9,1	15,0	17,8	15,8 (5/8)	22,4	3,1	100
HPC3/16-N02G	3/16	N 1/4	13,2	15,0	17,8	15,8 (5/8)	25,5	4,2	100
HPC1/4-N01G	1/4	N 1/8	9,1	16,9	17,8	15,8 (5/8)	27,0	3,9	100
HPC1/4-N02G	1/4	N 1/4	13,2	16,9	17,8	15,8 (5/8)	27,0	4,3	100
HPC1/4-N03G	1/4	N 3/8	13,8	16,9	21,4	19,0 (3/4)	26,1	6,1	50
HPC1/4-N04G	1/4	N 1/2	17,8	16,9	25,0	22,2(7/8)	30,1	9,6	50
HPC5/16-N01G	5/16	N 1/8	9,1	17,5	21,4	19,0 (3/4)	28,4	5,6	100
HPC5/16-N02G	5/16	N 1/4	13,2	17,5	21,4	19,0 (3/4)	27,9	5,2	50
HPC5/16-N03G	5/16	N 3/8	13,8	17,5	21,4	19,0 (3/4)	26,5	6,0	50
HPC5/16-N04G	5/16	N 1/2	17,8	17,5	25,0	22,2 (7/8)	33,5	11,5	50
HPC3/8-N01G	3/8	N 1/8	9,1	20,2	23,0	20,6 (13/16)	30,4	6,7	50
HPC3/8-N02G	3/8	N 1/4	13,2	20,2	23,0	20,6 (13/16)	34,3	7,9	50
HPC3/8-N03G	3/8	N 3/8	13,8	20,2	23,0	20,6 (13/16)	29,9	7,5	50
HPC3/8-N04G	3/8	N 1/2	17,8	20,2	25,0	22,2 (7/8)	33,9	11,0	50
HPC1/2-N03G	1/2	N 3/8	13,8	25,1	27,4	24,5 (31/32)	38,4	11,7	50
HPC1/2-N04G	1/2	N 1/2	17,8	25,1	27,4	24,5 (31/32)	37,9	12,7	50

Male connector BSPT - Raccordo diritto maschio BSPT - *Racor directo macho BSPT*

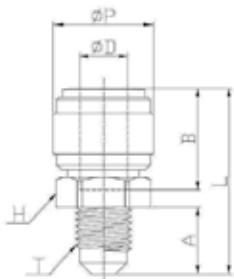
HPC-R



	ØD	T (BSPT)	A	B	ØE	H	L	WEIGHT (G)	
HPC1/4-R01G	1/4	R 1/8	8,1	16,4	18,5	17	26,2	4,0	100
HPC1/4-R02G	1/4	R 1/4	12,2	16,1	18,5	17	26,8	3,2	100
HPC1/4-R03G	1/4	R 3/8	13,5	16,9	21,0	19	26,6	5,8	50
HPC3/8-R02G	3/8	R 1/4	13,2	20,2	21,0	19	36,1	7,9	50
HPC3/8-R03G	3/8	R 3/8	13,5	20,2	23,2	21	28,9	6,8	50

Male connector MFL - Raccordo diritto maschio MFL - *Racor directo macho MFL*

HPC-MFL



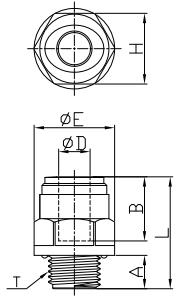
	ØD	T (MFL)	A	B	ØP	H	L	WEIGHT (G)	
HPC3/8-MFL02G	3/8	1/4	13,2	20,2	20,0	17	36,9	7,3	50

Inch Fittings



Male connector BSPP - Raccordo diritto maschio BSPP - *Racor directo macho BSPP*

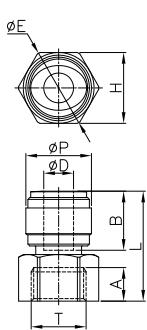
HPC-G



	ØD	T (BSPP)	A	B	ØE	H	L	WEIGHT (G)	
HPC3/16-G01G	3/16	G 1/8	6,0	15,0	16,5	15,0	24,1	3,3	100
HPC1/4-G01G	1/4	G 1/8	6,0	16,9	16,5	15,0	24,1	3,6	100
HPC1/4-G02G	1/4	G 1/4	8,5	16,9	20,5	18,0	24,1	4,7	100
HPC5/16-G01G	5/16	G 1/8	6,0	17,5	18,5	17,0	27,0	5,2	100
HPC5/16-G02G	5/16	G 1/4	8,5	17,5	20,5	18,0	28,5	6,1	50
HPC5/16-G03G	5/16	G 3/8	9,0	17,5	24,0	21,0	26,5	7,0	50
HPC3/8-G02G	3/8	G 1/4	8,5	20,2	21,1	19,0	30,9	7,3	50
HPC3/8-G03G	3/8	G 3/8	8,5	20,2	24,2	21,0	26,4	7,1	50
HPC1/2-G04G	1/2	G 1/2	12,5	24,9	28,4	26,0	32,9	12,3	25

Female adapter NPTF - Raccordo diritto femmina NPTF - *Adaptador hembra NPTF*

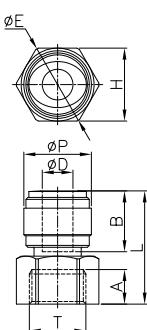
HCF



	ØD	T (NPTF)	ØP	L	A	B	H	ØE	WEIGHT (G)	
HCF1/4-N01G	1/4	1/8	15,5	30,9	11,5	16,9	17	19,0	6,1	50
HCF1/4-N02G	1/4	1/4	15,5	30,9	11,5	16,9	19	21,5	6,5	50
HCF3/8-N02G	3/8	1/4	20,0	34,2	11,5	20,2	19	21,5	8,5	50

Female adapter BSPP - Raccordo diritto femmina BSPP - *Adaptador hembra BSPP*

HCF-G



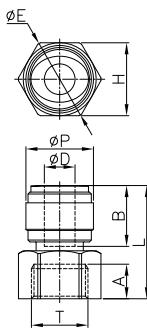
	ØD	T (BSPP)	ØP	L	A	B	H	ØE	WEIGHT (G)	
HCF1/4-G04G	1/4	G 1/2	20,0	37,6	12,5	16,9	27	30,0	13,9	25
* HCF1/4-G06G	1/4	G 3/4	15,5	34,2	7,0	16,9	36,7	41,6	36,3	20
HCF3/8-G03G	3/8	G 3/8	20,0	37,1	9,0	20,2	24	27,3	13,9	25
HCF3/8-G04G	3/8	G 1/2	20,0	38,4	12,5	20,2	27	30,0	13,4	25
HCF3/8-G05G	3/8	G 5/8	20,0	38,2	13,5	20,2	29	32,0	14,8	25
* HCF3/8-G06G	3/8	G 3/4	20,0	37,0	7,0	20,2	36,7	41,6	39,3	20
HCF1/2-G04G	1/2	G 1/2	23,0	41,9	12,5	25,1	27	30,0	15,5	25

for dispensing equipment - per impianti di spillatura - *dispensación de los equipos*

	ØD	T (BSPP)	ØP	L	A	B	H	ØE	WEIGHT (G)	
NEW HCF5/16-G05G-H	5/16	G 5/8	20,0	34,8	9,5	17,2	28	30,4	-	25
HCF3/8-G04G-H	3/8	G 1/2	20,0	34,2	9,0	20,2	25	27,5	10,7	25
HCF3/8-G05G-H	3/8	G 5/8	20,0	35,2	9,5	20,2	28	30,4	13,2	25

Female adapter UN - Raccordo diritto femmina UN - *Adaptador hembra UN*

HCF-UN



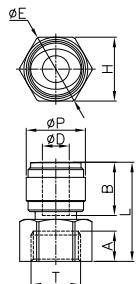
	ØD	T (UN)	ØP	L	A	B	H	ØE	WEIGHT (G)	
HCF3/8-UN1/2-16G	3/8	1/2 - 16	20,0	36,7	12,5	20,2	19	21,5	8,9	50

Inch Fittings



Female adapter UNF - Raccordo diritto femmina UNF - *Adaptador hembra UNF*

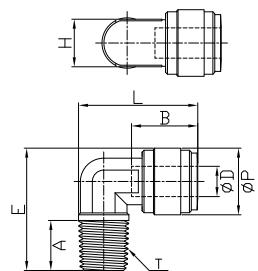
HCF-UNF



	$\varnothing D$	T (UNF)	$\varnothing P$	L	A	B	H	$\varnothing E$	WEIGHT (G)	
HCF5/16-UNF7/16-20G	5/16	7/16-20	17,6	30,5	9,5	17,5	17	19,0	6,5	50
HCF3/8-UNF7/16-20G	3/8	7/16-20	20,0	33,2	9,5	20,2	17	19,0	7,5	50

Male elbow NPT - Raccordo gomito maschio NPT - *Racor codo macho NPT*

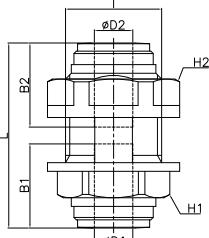
HPL



	$\varnothing D$	T (NPT)	$\varnothing P$	A	B	E	H	L	WEIGHT (G)	
HPL5/32-N01G	5/32	N 1/8	15,5	9,1	14,7	26,4	11,0 (7/16)	25,4	4,9	100
HPL3/16-N01G	3/16	N 1/8	15,5	9,1	15,0	26,4	11,0 (7/16)	25,6	4,7	100
HPL1/4-N01G	1/4	N 1/8	15,5	9,1	16,9	26,4	11,0 (7/16)	25,6	4,2	100
HPL1/4-N02G	1/4	N 1/4	15,5	13,2	16,9	31,9	11,0 (7/16)	27,0	5,7	50
HPL1/4-N03G	1/4	N 3/8	15,5	13,8	16,9	32,7	11,0 (7/16)	28,9	7,1	50
HPL5/16-N02G	5/16	N 1/4	20,0	13,2	17,5	35,2	14,3 (9/16)	31,4	9,0	50
HPL5/16-N03G	5/16	N 3/8	20,0	13,8	17,5	35,8	14,3 (9/16)	33,5	10,3	50
HPL3/8-N02G	3/8	N 1/4	20,0	13,2	20,2	35,2	14,3 (9/16)	31,8	8,6	50
HPL3/8-N03G	3/8	N 3/8	20,0	13,8	20,2	35,8	14,3 (9/16)	33,9	9,9	50
HPL1/2-N03G	1/2	N 3/8	23,6	13,8	25,1	39,3	17,4 (11/16)	39,7	13,3	25
HPL1/2-N04G	1/2	N 1/2	23,6	17,8	25,1	43,3	17,4 (11/16)	41,5	16,2	25

Bulkhead connector - Raccordo passaparete - *Racor pasatabiques*

HMM

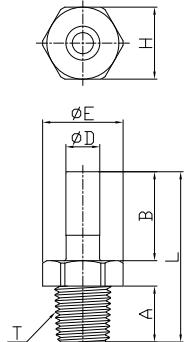


	$\varnothing D1$	$\varnothing D2$	T	L	B1	B2	H1 (Fixed)	H2	WEIGHT (G)	
HMM5/32-5/32G	5/32	5/32	M15x1,5p	32,4	14,7	14,7	17	18	6,9	50
HMM1/4-1/4G	1/4	1/4	M17x1,5p	35,7	16,9	16,9	19	21	9,4	50
HMM5/16-5/16G	5/16	5/16	M20x1,75p	38,5	17,5	17,5	21	25,5	14,2	25
HMM3/8-3/8G	3/8	3/8	M24x1,75p	42,4	20,2	20,2	24	25,5	20,1	25
HMM1/2-1/2G	1/2	1/2	M27x2,0p	51,8	25,1	25,1	27	31	27,6	20

	$\varnothing D1$	$\varnothing D2$	T	L	B1	B2	H1 (Fixed)	H2	WEIGHT (G)	
HMM1/4-3/8G	1/4	3/8	M24x1,75p	47,9	16,9	20,2	24	28,5	20,9	25

Male stem adapter NPTF - Adattatore a codolo maschio NPTF - *Adaptador con espiga macho NPTF*

HCJ



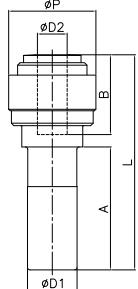
	$\varnothing D$	T (NPT)	A	B	$\varnothing E$	H	L	WEIGHT (G)	
HCJ5/32-N01G	5/32	N 1/8	9,1	18,0	14,1	12,7 (1/2)	33,1	1,9	100
HCJ5/32-N02G	5/32	N 1/4	13,2	18,0	17,8	15,8 (5/8)	37,2	3,6	100
HCJ3/16-N01G	3/16	N 1/8	9,1	18,0	14,1	12,7 (1/2)	33,1	2,0	100
HCJ1/4-N01G	1/4	N 1/8	9,1	19,0	14,1	12,7 (1/2)	34,1	2,1	100
HCJ1/4-N02G	1/4	N 1/4	13,2	19,0	17,8	15,8 (5/8)	38,2	3,8	100
HCJ5/16-N01G	5/16	N 1/8	9,1	20,0	14,1	12,7 (1/2)	35,1	2,8	100
HCJ5/16-N02G	5/16	N 1/4	13,2	20,0	17,8	15,8 (5/8)	39,2	3,9	50
HCJ5/16-N03G	5/16	N 3/8	13,8	20,0	21,5	19,0 (3/4)	40,3	5,9	50
HCJ3/8-N02G	3/8	N 1/4	13,2	23,0	17,8	15,8 (5/8)	42,2	4,5	50
HCJ3/8-N03G	3/8	N 3/8	13,8	23,0	21,5	19,0 (3/4)	43,3	6,5	50
HCJ1/2-N03G	1/2	N 3/8	13,8	27,0	21,5	19,0 (3/4)	47,3	6,9	50
HCJ1/2-N04G	1/2	N 1/2	17,8	27,0	26,8	23,8 (15/16)	51,3	11,4	25

Inch Fittings



Reducer - Riduzione - Reducción

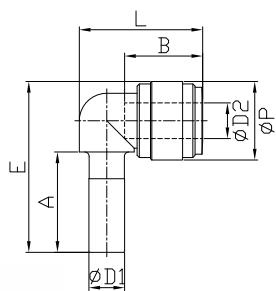
HGJ



	ØD1	ØD2	ØP	L	A	B	WEIGHT (G)	
HGJ1/4-5/32G	1/4	5/32	13,2	36,7	21,0	14,7	2,4	100
HGJ5/16-1/4G	5/16	1/4	15,5	40,6	22,5	16,9	3,4	100
HGJ3/8-1/4G	3/8	1/4	17,6	43,9	24,8	16,9	4,7	50
HGJ3/8-5/16G	3/8	5/16	17,6	44,3	24,8	17,5	4,6	50
HGJ1/2-3/8G	1/2	3/8	20,0	51,7	29,5	20,2	7,1	50

Union elbow tube with stem - Raccordo a gomito con codolo - Racord codo con espiga

HLJ



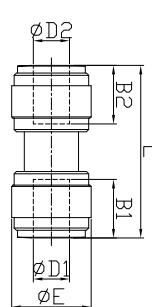
	ØD1	ØD2	ØP	A	B	E	L	WEIGHT (G)	
HLJ5/32-5/32G	5/32	5/32	13,2	18,0	14,7	30,1	21,9	2,5	100
HLJ3/16-3/16G	3/16	3/16	13,8	18,5	15,0	31,4	22,5	2,9	100
HLJ1/4-1/4G	1/4	1/4	15,5	21,0	16,9	34,8	25,1	3,7	100
HLJ5/16-5/16G	5/16	5/16	15,5	24,8	16,9	38,6	25,1	4,5	50
HLJ3/8-3/8G	3/8	3/8	20,0	24,8	20,2	43,2	31,4	7,9	50
HLJ1/2-1/2G	1/2	1/2	23,6	29,5	25,1	51,2	39,2	12,7	25

	ØD1	ØD2	ØP	A	B	E	L	WEIGHT (G)	
HLJ3/8-1/4G	3/8	1/4	17,6	22,5	17,5	38,3	27,7	5,4	50
HLJ3/8-5/16G	3/8	5/16	20,0	24,8	17,5	43,2	31,0	8,1	50

	ØD1	ØD2	ØP	A	B	E	L	WEIGHT (G)	
NEW HLJ3/8-06B	3/8	06	15,5	24,8	16,1	38,6	25,1	4,5	50

Union connector - Intermedio直 - Racor directo

HUC



	ØD1	ØD2	B1	B2	ØE	L	WEIGHT (G)	
HUC5/32-5/32G	5/32	5/32	14,7	14,7	13,2	31,8	3,8	100
HUC3/16-3/16G	3/16	3/16	15,0	15,0	13,8	32,5	4,0	100
HUC1/4-1/4G	1/4	1/4	16,9	16,9	15,5	36,2	5,2	100
HUC5/16-5/16G	5/16	5/16	17,5	17,5	17,6	38,2	6,9	50
HUC3/8-3/8G	3/8	3/8	20,2	20,2	20,0	42,9	9,7	50
HUC1/2-1/2G	1/2	1/2	25,1	25,1	23,6	53,2	14,6	25

	ØD1	ØD2	B1	B2	ØE	L	WEIGHT (G)	
HUC5/16-5/32G	5/16	5/32	17,5	14,7	17,6	36,6	6,5	50
HUC5/16-1/4G	5/16	1/4	17,5	16,9	17,6	36,8	6,0	50
HUC3/8-1/4G	3/8	1/4	20,2	16,9	20,0	42,1	9,9	50
HUC3/8-5/16G	3/8	5/16	20,2	17,5	20,0	42,5	9,9	50
HUC1/2-5/16G	1/2	5/16	25,1	17,5	23,6	52,0	16,7	25
HUC1/2-3/8G	1/2	3/8	25,1	20,2	23,6	52,4	16,3	25

Inch Fittings



Union elbow - Intermedio a gomito - Racor codo

HUL



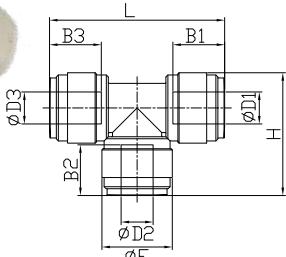
NEW

	ØD1	ØD2	B1	B2	ØE1	ØE2	L	H	WEIGHT (G)	
HUL5/32-5/32G	5/32	5/32	14,7	14,7	13,2	13,2	24,5	24,5	4,0	100
HUL3/16-3/16G	3/16	3/16	15,0	15,0	13,8	13,8	25,5	25,5	4,3	100
HUL1/4-1/4G	1/4	1/4	16,9	16,9	15,5	15,5	28,8	28,8	5,5	100
HUL5/16-5/16G	5/16	5/16	17,5	17,5	17,6	17,6	30,7	30,7	7,5	50
HUL3/8-3/8G	3/8	3/8	20,2	20,2	20,0	20,0	35,9	35,9	10,6	50
HUL1/2-1/2G	1/2	1/2	25,1	25,1	23,0	23,0	43,4	43,5	16,7	25

	ØD1	ØD2	B1	B2	ØE1	ØE2	L	H	WEIGHT (G)	
HUL5/16-5/32G	5/16	5/32	17,5	14,7	17,6	13,2	28,3	29,7	5,9	50
HUL5/16-1/4G	5/16	1/4	17,5	16,9	17,6	17,6	30,7	30,3	7,6	50
HUL3/8-5/16G	3/8	5/16	20,2	17,5	20,0	20,0	35,9	35,5	11,1	50
HUL3/8-1/4G	3/8	1/4	20,2	16,9	23,0	17,6	37,9	36,1	12,9	50
HUL1/2-3/8G	1/2	3/8	25,1	20,2	23,0	23,0	43,4	42,6	17,5	25

Union tee - Intermedio a T - Racor T

HUT

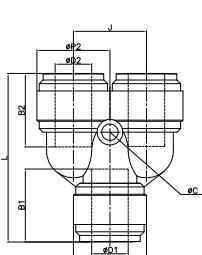


	ØD1	ØD2	ØD3	B1	B2	B3	ØE	H	L	WEIGHT (G)	
HUT5/32-5/32G	5/32	5/32	5/32	14,7	14,7	14,7	13,2	24,5	35,8	5,7	100
HUT3/16-3/16G	3/16	3/16	3/16	15,0	15,0	15,0	13,8	25,5	37,2	6,2	100
HUT1/4-1/4G	1/4	1/4	1/4	16,9	16,9	16,9	15,5	28,8	42,0	8,1	50
HUT5/16-5/16G	5/16	5/16	5/16	17,5	17,5	17,5	17,6	30,7	43,8	10,6	50
HUT3/8-3/8G	3/8	3/8	3/8	20,2	20,2	20,2	20,0	35,9	51,8	15,4	25
HUT1/2-1/2G	1/2	1/2	1/2	25,1	25,1	25,1	23,0	43,4	63,8	23,2	20

	ØD1	ØD2	ØD3	B1	B2	B3	ØE	H	L	WEIGHT (G)	
HUT3/8-1/4-3/8G	3/8	1/4	3/8	20,2	16,9	20,2	20,0	32,1	48,8	12,2	25

Two way divider - Intermedio a Y - Racor Y

HUY



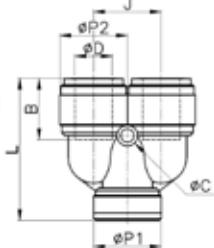
	ØD1	ØD2	B1	B2	ØP1	ØP2	L	J	C	WEIGHT (G)	
HUY5/32-5/32G	5/32	5/32	14,7	14,7	13,8	13,8	33,7	13,5	3,3	6,7	100
HUY3/16-3/16G	3/16	3/16	15,0	15,0	13,8	13,8	34,1	13,5	3,3	6,8	50
HUY1/4-1/4G	1/4	1/4	16,9	16,9	15,5	15,5	38,8	15,5	3,3	8,8	50
HUY5/16-5/16G	5/16	5/16	17,5	17,5	17,6	17,6	41,0	17,6	4,5	11,8	50
HUY3/8-3/8G	3/8	3/8	20,2	20,2	20,0	20,0	46,4	20,0	4,5	16,7	25
HUY1/2-1/2G	1/2	1/2	25,1	25,1	23,0	23,0	56,8	23,0	4,5	25,1	20

Inch Fittings



U-Bend - doppia giunzione a U - doble unión a U

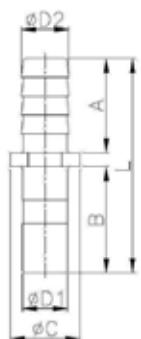
HBU



	ØD	B	ØP1	ØP2	L	J	ØC	WEIGHT (G)	
HBU3/8-3/8G	3/8	20,2	20,0	20,0	41,9	20,0	4,5	-	25
HBU1/2-1/2G	1/2	25,1	23,0	23,0	48,3	23,0	4,5	23,9	20

Tube barb connector - codolo portagomma diritto - conector de tubo con espiga

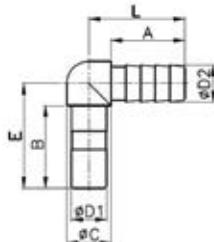
HCJB



	ØD1	ØD2	ØC	L	A	B	WEIGHT (G)	
HCJB1/4-1/4G	1/4	6,85	11,8	39,0	18,0	18,0	1,2	100
HCJB5/16-5/16G	5/16	8,60	12,2	40,0	18,0	19,0	2,1	100
HCJB3/8-3/8G	3/8	10,0	14,7	45,5	20,0	22,5	2,5	100
	ØD1	ØD2	ØC	L	A	B	WEIGHT (G)	
HCJB3/8-5/16G	3/8	8,60	14,7	43,5	18,0	22,5	-	100
HCJB1/2-3/8G	1/2	10,0	18,5	50,5	20,0	27,5	-	-

Elbow tube barb connector - codolo portagomma a gomito - conector codo de tubo con espiga

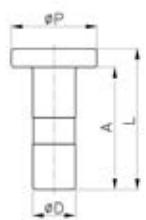
HLJB



	ØD1	ØD2	ØC	L	E	A	B	WEIGHT (G)	
HLJB3/8-5/16G	3/8	8,6	12,0	24,0	28,5	18,0	22,5	3,1	100
HLJB3/8-3/8G	3/8	10,0	12,0	26,0	28,5	20,0	22,5	3,3	100

Male plug - Tappo maschio - Tapon macho

HPP



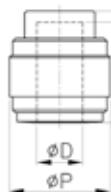
	ØD	ØP	L	A	WEIGHT (G)	
HPP5/32G	5/32	13,0	22,5	19,0	0,8	200
HPP3/16G	3/16	13,0	22,5	19,0	0,9	200
HPP1/4G	1/4	13,0	24,5	21,0	1,2	200
HPP5/16G	5/16	16,0	26,5	23,0	1,8	100
HPP3/8G	3/8	18,0	30,0	26,0	2,7	100
HPP1/2G	1/2	21,5	34,0	30,0	4,4	100

Inch Fittings



Female plug - Tappo femmina - Tapon hembra

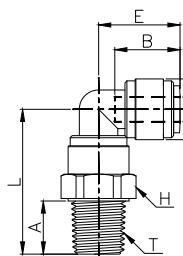
HPF



	ØD	ØP	L	B	WEIGHT (G)	
HPF1/4G	1/4	15,5	18,9	16,9	2,7	100
HPF5/16G	5/16	17,6	19,5	17,5	3,6	100
HPF3/8G	3/8	20,0	22,2	20,2	5,0	100
HPF1/2G	1/2	23,0	26,9	24,9	7,0	50

Male swivel elbow PTF - Gomito girevole maschio NPTF - Codo orientable macho NPTF

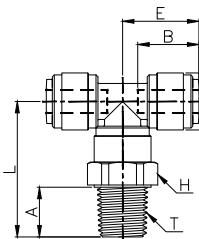
HRPL



	ØD	T	ØP	A	B	E	H	L	WEIGHT (G)	
NEW HRPL5/32-N01G	5/32	N1/8	13,2	9,1	14,7	17,9	15,8(5/8)	29,7	6,1	50
NEW HRPL5/32-N02G	5/32	N1/4	13,2	13,2	14,7	17,9	15,8(5/8)	33,8	7,2	50
HRPL1/4-N01G	1/4	N1/8	15,5	9,1	16,9	21,0	17,46 (11/16)	32,8	8,2	50
HRPL1/4-N02G	1/4	N1/4	15,5	13,2	16,9	21,0	17,46 (11/16)	36,9	8,9	50
NEW HRPL5/16-N01G	5/16	N1/8	17,6	9,1	17,5	21,9	19,0(3/4)	33,8	10,5	25
NEW HRPL5/16-N02G	5/16	N1/4	17,6	13,2	17,5	21,9	19,0(3/4)	37,9	11,3	25
NEW HRPL5/16-N03G	5/16	N3/8	17,6	13,8	17,5	21,9	19,0(3/4)	38,5	12,3	25
HRPL3/8-N02G	3/8	N1/4	20,0	13,2	20,2	25,9	21,4 (27/32)	41,9	15,5	25
HRPL3/8-N03G	3/8	N3/8	20,0	13,0	20,2	25,9	21,4 (27/32)	41,8	16,4	25
NEW HRPL1/2-N03G	1/2	N3/8	23,0	13,8	25,1	31,9	23,8(15/16)	48,5	23,3	20
NEW HRPL1/2-N04G	1/2	N1/2	23,0	17,8	25,1	31,9	23,8(15/16)	51,5	25,9	20

Male swivel tee NPTF - T girevole maschio NPTF - Racor T orientable macho NPTF

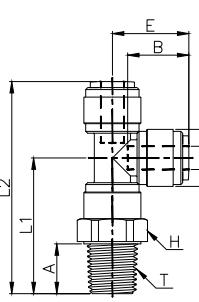
HRPT



	ØD	T	ØP	A	B	E	H	L	WEIGHT (G)	
NEW HRPT5/32-N01G	5/32	N1/8	13,2	9,1	14,7	14,9	15,8(5/8)	29,7	8,1	50
NEW HRPT5/32-N02G	5/32	N1/4	13,2	13,2	14,7	17,9	15,8(5/8)	33,8	8,9	50
HRPT1/4-N01G	1/4	N1/8	15,5	9,1	16,9	21,0	17,46 (11/16)	32,8	10,2	50
HRPT1/4-N02G	1/4	N1/4	15,5	13,2	16,9	21,0	17,46 (11/16)	36,9	11,3	50
NEW HRPT5/16-N01G	5/16	N1/8	17,6	9,1	17,5	21,9	19,0(3/4)	33,8	13,6	25
NEW HRPT5/16-N02G	5/16	N1/4	17,6	13,2	17,5	21,9	19,0(3/4)	37,9	14,4	25
NEW HRPT5/16-N03G	5/16	N3/8	17,6	13,8	17,5	21,9	19,0(3/4)	38,5	15,4	25
HRPT3/8-N02G	3/8	N1/4	20,0	13,2	20,2	25,9	21,4 (27/32)	41,9	20,2	25
HRPT3/8-N03G	3/8	N3/8	20,0	13,0	20,2	25,9	21,4 (27/32)	41,8	20,4	25
NEW HRPT1/2-N03G	1/2	N3/8	23,0	13,8	25,1	31,9	23,8(15/16)	48,5	29,8	15
NEW HRPT1/2-N04G	1/2	N1/2	23,0	17,8	25,1	31,9	23,8(25/16)	51,5	32,4	12

Male swivel run tee NPTF - T laterale girevole maschio NPTF - Racor T orientable lateral macho NPTF

HRST



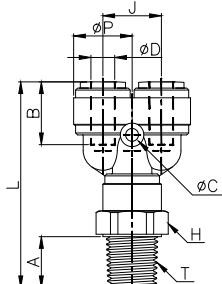
	ØD	T	ØP	A	B	E	H	L1	L2	WEIGHT (G)	
NEW HRST5/32-N01G	5/32	N1/8	13,2	9,1	14,7	17,9	15,8(5/8)	29,7	47,6	8,1	50
NEW HRST5/32-N02G	5/32	N1/4	13,2	13,2	14,7	17,9	15,8(5/8)	33,8	51,7	8,9	50
HRST1/4-N01G	1/4	N1/8	15,5	9,1	16,9	21,0	17,46 (11/16)	32,8	53,8	10,2	50
HRST1/4-N02G	1/4	N1/4	15,5	13,2	16,9	21,0	17,46 (11/16)	36,9	57,9	11,3	25
NEW HRST5/16-N01G	5/16	N1/8	17,6	9,1	17,5	21,9	19,0(3/4)	33,8	55,8	13,6	25
NEW HRST5/16-N02G	5/16	N1/4	17,6	13,2	17,5	21,9	19,0(3/4)	37,9	59,9	14,4	25
NEW HRST5/16-N03G	5/16	N3/8	17,6	13,8	17,5	21,9	19,0(3/4)	38,5	60,5	15,4	25
HRST3/8-N02G	3/8	N1/4	20,0	13,2	20,2	25,9	21,4 (27/32)	41,9	57,8	20,2	25
HRST3/8-N03G	3/8	N3/8	20,0	13,0	20,2	25,9	21,4 (27/32)	41,8	67,7	20,4	20
NEW HRST1/2-N03G	1/2	N3/8	23,0	13,8	25,1	31,9	23,8(15/16)	48,5	80,4	29,8	15
NEW HRST1/2-N04G	1/2	N1/2	23,0	17,8	25,1	31,9	23,8(15/16)	51,5	83,4	32,4	12

Inch Fittings



Male swivel Y NPTF - Y girevole maschio NPTF - Racor Y orientable macho NPTF

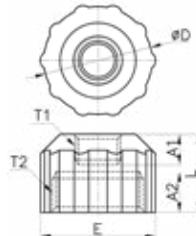
HRWT



	$\varnothing D$	T (NPT)	$\varnothing P$	A	B	J	H	L	$\varnothing C$	WEIGHT (G)	
NEW	HRWT5/32-N01G	5/32	N1/8	13,8	9,1	14,7	13,5	15,8(5/8)	36,8	3,3	9,1
NEW	HRWT5/32-N02G	5/32	N1/4	13,8	13,2	14,7	13,5	15,8(5/8)	49,6	3,3	9,9
	HRWT1/4-N01G	1/4	N1/8	15,5	9,1	16,9	15,5	17,46(11/16)	50,6	3,3	11,0
	HRWT1/4-N02G	1/4	N1/4	15,5	13,2	16,9	15,5	17,46(11/16)	54,7	3,3	12,2
NEW	HRWT5/16-N01G	5/16	N1/8	17,6	9,1	17,5	17,6	19,0(3/4)	52,9	4,5	14,8
NEW	HRWT5/16-N02G	5/16	N1/4	17,6	13,2	17,5	17,6	19,0(3/4)	57,0	4,5	15,6
NEW	HRWT5/16-N03G	5/16	N3/8	17,6	13,8	17,5	17,6	19,0(3/4)	57,6	4,5	16,6
	HRWT3/8-N02G	3/8	N1/4	20,0	13,2	20,2	20,0	21,4(27/32)	62,4	4,5	21,2
	HRWT3/8-N03G	3/8	N3/8	20,0	13,0	20,2	20,0	21,4(27/32)	62,3	4,5	21,7
NEW	HRWT1/2-N03G	1/2	N3/8	23,0	13,8	25,1	23,0	23,8(15/16)	73,4	4,5	31,7
NEW	HRWT1/2-N04G	1/2	N1/2	23,0	17,8	25,1	23,0	23,8(15/16)	76,4	4,5	34,3
											12

Threaded reducer - Riduzione filettata - Reducción con rosca

HUFF



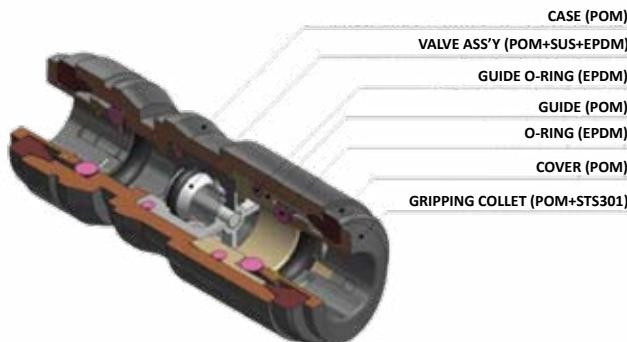
	T1 (BSPP)	T2 (BSPP)	$\varnothing D$	A1	A2	L	E	WEIGHT (G)	
	HUFFG02-G06G	1/4	3/4	31,5	9,5	12,0	23,0	33,5	15,6
	HUFFG03-G06G	3/8	3/4	31,5	9,5	12,0	23,0	33,5	14,5

Check Valves

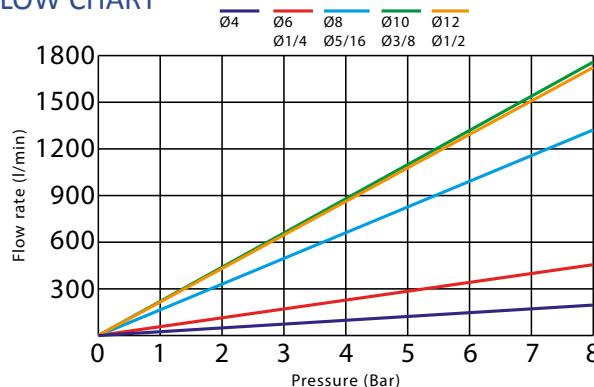


Technical Information

MATERIALS



FLOW CHART



This valve allows one way fluid flow and blocks the reverse flow.
Opening pressure 0,02 Bar.

Compact size and convenient to be used in a narrow space.
Fast installation and easy maintenance.

Questa valvola permette il passaggio del fluido in una direzione e blocca il flusso nel senso opposto.
Pressione di apertura 0,02 Bar.
Dimensione compatta e comoda per essere impiegata in uno spazio ridotto.
Installazione rapida e manutenzione semplice.

Esta valvula permite el pasaje del fluido en una dirección y lo bloquea en la dirección contraria.
Presión de apertura 0,02 Bar.
Tamaño compacto y práctico para ser utilizado en un lugar estrecho.
Instalación rápida y mantenimiento simple.

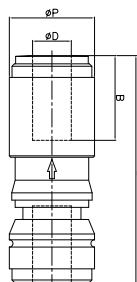
The maximum working temperature is 65 °C for continuous use and 90°C for short-term (5 minutes max) use.

La massima temperatura di utilizzo è di 65°C per un uso continuo e di 90°C per un uso massimo di 5 minuti.

La temperatura máxima de funcionamiento es de 65 ° C para uso continuo y de 90 ° C para máximo 5 minutos.

Metric check valves - valvola unidirezionale metrica - Valvula antirretorno métrico

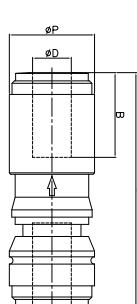
HCVU



	ØD	ØP	L	B	WEIGHT (G)	
HCVU0404B	4	13,2	44,4	14,7	6,1	
HCVU0606B	6	15,5	45,5	16,1	7,4	50
HCVU0808B	8	17,6	48,6	17,5	10,0	50
HCVU1010B	10	20,0	57,6	19,4	14,5	25
HCVU1212B	12	23,6	67,5	23,9	22,1	25

Inch check valves - valvola unidirezionale in pollici - Valvula antirretorno en pulgadas

HCVU-INCH



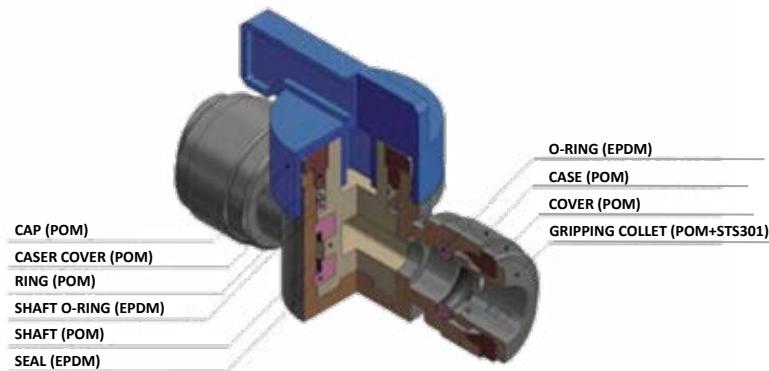
	ØD	ØP	L	B	WEIGHT (G)	
HCVU1/4-1/4G	1/4	15,5	45,5	16,1	7,4	50
HCVU5/16-5/16G	5/16	17,6	48,6	17,5	10,0	50
HCVU3/8-3/8G	3/8	20,0	57,8	19,5	15,0	25
HCVU1/2-1/2G	1/2	23,6	67,9	24,1	21,5	25

Hand Valves



Technical Information

MATERIALS



Suitable for air and fluids.

Compact size and convenient to be used in a narrow space.

Maximum flow rate.

The hand valves must only be used in fully open or fully closed position.

Idoneo per aria e fluidi.

Dimensione compatta e comoda per essere impiegata in uno spazio ridotto.

Massima portata.

Le valvole manuali devono essere utilizzate solo in posizione totalmente aperta o totalmente chiusa.

Apto para aire y fluidos.

Tamaño compacto y práctico para ser utilizado en un lugar estrecho.

Maxima caudal.

Las valvulas manuales tienen que ser utilizadas solo en posicion totalmente abierta o totalmente cerradas.

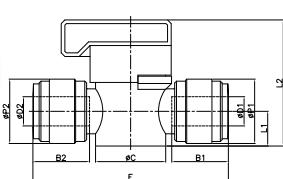
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Verificar los datos tecnicos en la pagina 4 de este catalogo, las presiones y temperaturas de trabajo en la pagina 5, instrucciones en la pagina 6 y avisos y precauciones en la pagina 8.

2 ways metric hand valves - valvola manuale 2 vie metrica - Valvula manual 2 vías métrico

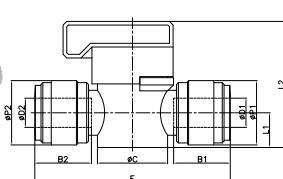
HBVU



	ØD1	ØD2	B1	B2	ØP1	ØP2	L1	L2	E	ØC	WEIGHT (G)	
HBVU0606B	6	6	16,1	16,1	15,5	15,5	9,5	34,5	51,7	19,2	16,0	25
HBVU0808B	8	8	17,5	17,5	17,6	17,6	9,5	34,5	53,5	19,2	17,4	25
HBVU1010B	10	10	20,1	20,1	20,0	20,0	12,5	42,3	63,0	24,2	29,0	15
HBVU1212B	12	12	23,7	23,7	23,0	23,0	12,5	42,3	70,4	24,2	35,4	15

2 ways inch hand valves - valvola manuale 2 vie in pollici - Valvula manual 2 vías en pulgadas

HBVU-INCH



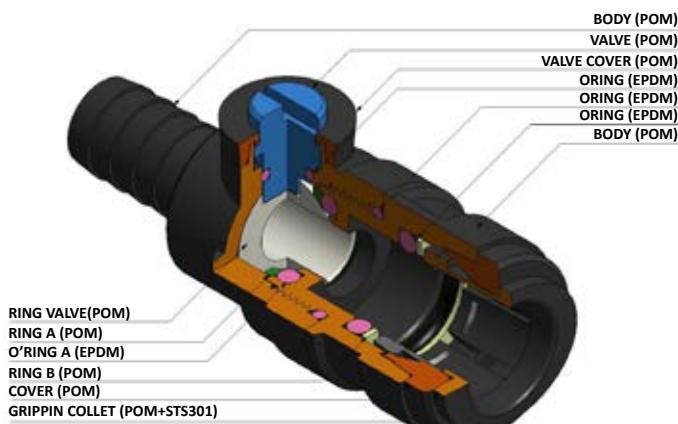
	ØD1	ØD2	B1	B2	ØP1	ØP2	L1	L2	E	ØC	WEIGHT (G)	
HBVU 1/4-1/4W	1/4	1/4	16,1	16,1	15,5	15,5	9,5	34,5	51,7	19,2	16,0	25
HBVU 5/16-5/16W	5/16	5/16	17,5	17,5	17,6	17,6	9,5	34,5	53,5	19,2	17,4	25
HBVU 3/8-3/8W	3/8	3/8	20,2	20,2	20,0	20,0	12,5	42,3	63,2	24,2	29,0	15
HBVU 1/2-1/2W	1/2	1/2	23,9	23,9	23,0	23,0	12,5	42,3	70,8	24,2	35,4	15

Ball Valves



Technical Information

MATERIALS



These valves are specially designed for mounting with flexible tubes and allow to stop the flow in case of need.

Queste valvole sono appositamente studiate per il montaggio con tubi flessibili e consentono di arrestare il flusso in caso di necessità.

Estas válvulas están especialmente diseñados para el montaje con los tubos flexibles y permiten para detener el flujo en caso de necesidad.

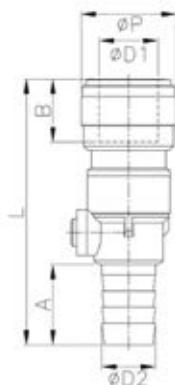
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Valved barb connector - portagomma valvolato - espiga con valvula

HCVB



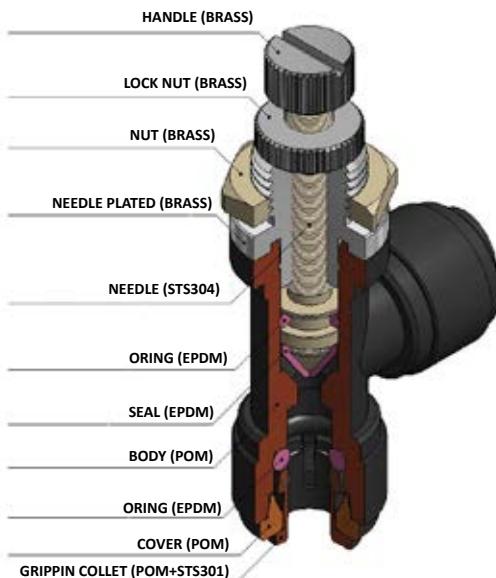
	ØD1	ØD2	ØP	L	A	B	WEIGHT (G)	
HCVB15-1/2B	15	1/2	28,5	74,2	22,3	29,4	29,3	20
HCVB22-1/2B	22	1/2	35,7	87,3	22,3	33,8	38,9	20
HCVB22-3/4B	22	3/4	35,7	99,0	30,0	33,8	47,7	20

Flow Regulators Bulkhead



Technical Information

MATERIALS



Thanks to the bulkhead system, the regulators of the Fluidfit range allow a precise regulation of the flow acting outside the devices even if they are placed inside.

I regolatori della gamma Fluidfit, grazie al sistema passa parete, consentono un'accurata regolazione del flusso agendo dall'esterno degli apparecchi pur essendo posizionati al loro interno.

Gracias al sistema pasatabiques, los reguladores de la gama Fluidfit permiten una regulacion precisa del caudal actuando al externo de los dispositivos aunque estan posicionados internamente.

Please see page 4 of the present catalogue for technical data, page 5 for working pressure and temperatures, page 5 for instruction and page 8 for warnings and precautions.

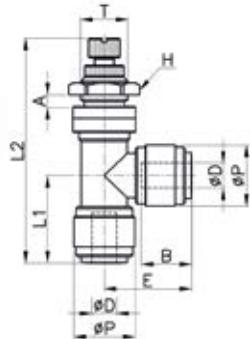
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Elbow bulkhead metric flow regulator - regolatore di flusso passaparete a gomito metrico

codo pasatabique regulador de caudal métrico

HSLB

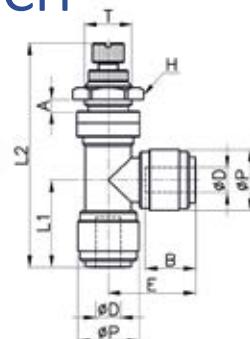


	ØD	ØP	T	L1	L2 MIN	L2 MAX	E	A	B	H	WEIGHT (G)	
HSLB0606B	6	15,5	M12x1,0	22,2	57,1	61,3	22,2	5,0	16,1	16	28,7	50
HSLB1010B	10	20,0	M15x1,0	25,0	67,7	73,4	26,0	6,0	19,7	19	54,0	25

Elbow bulkhead inch flow regulator - regolatore di flusso passaparete a gomito in pollici

codo pasatabique regulador de caudal en pulgadas

HSLB-INCH



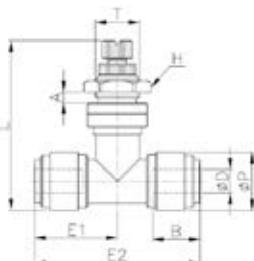
	ØD	ØP	T	L1	L2 MIN	L2 MAX	E	A	B	H	WEIGHT (G)	
HSLB1/4-1/4G	1/4	15,5	M12x1,0	22,2	57,1	61,3	22,2	5,0	16,9	16	28,7	50
HSLB3/8-3/8G	3/8	20,0	M15x1,0	25,0	67,8	73,5	26,0	6,0	19,8	19	54,0	25

Flow Regulators Bulkhead



Bulkhead metric flow regulator - regolatore di flusso passaparete in linea metrico - pasatabique regulador de caudal métrico

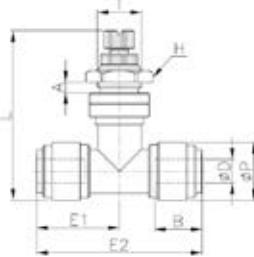
HSTB



	ØD	ØP	T	E1	E2	L min	L max	A	B	H	WEIGHT (G)	
HSTB0606B	6	15,5	M12xP1	22,2	44,4	45,5	50,4	5,0	16,1	16	28,9	50
HSTB1010B	10	20,0	M15xP1	26,1	52,1	52,7	58,4	6,0	19,7	19	54,0	25

Bulkhead inch flow regulator - regolatore di flusso passaparete in linea in pollici - pasatabique regulador de caudal en pulgadas

HSTB-INCH



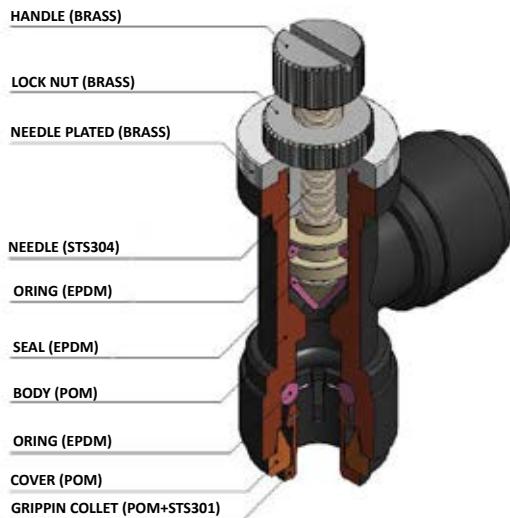
	ØD	ØP	T	E1	E2	L min	L max	A	B	H	WEIGHT (G)	
HSTB1/4-1/4G	1/4	15,5	M12xP1	22,2	44,4	45,5	50,4	5,0	16,9	16	28,9	50
HSTB3/8-3/8G	3/8	20,0	M15xP1	26,1	52,1	52,7	58,4	6,0	19,8	19	54,0	25

Flow Regulators



Technical Information

MATERIALS



The regulators of the Fluidfit range allow a precise regulation of the flow.

I regolatori della gamma Fluidfit consentono un'accurata regolazione del flusso.

Los reguladores de la gama Fluidfit permiten una regulacion precisa del caudal.

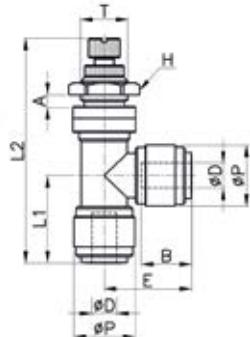
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Elbow metric flow regulator - regolatore di flusso a gomito metrico - codo regulador de caudal métrico

HSLU

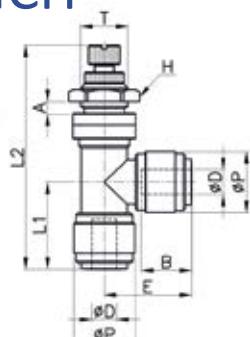


	ØD	ØP	L1	L2 MIN	L2 MAX	E	B	WEIGHT (G)	
HSLU0606B	6	15,5	22,2	49,6	53,6	22,2	16,1	20,3	50
HSLU1010B	10	20,0	25,0	59,0	64,7	26,0	19,7	39,0	25

Available on request - disponibile a richiesta - disponible bajo consulta

Elbow inch flow regulator - regolatore di flusso a gomito in pollici - codo regulador de caudal en pulgadas

HSLU-INCH



	ØD	ØP	L1	L2 MIN	L2 MAX	E	B	WEIGHT (G)	
HSLU1/4-1/4G	1/4	15,5	22,2	49,6	53,6	22,2	16,9	20,3	50
HSLU3/8-3/8G	3/8	20,0	25,0	59,1	64,8	26,1	19,8	39,0	25

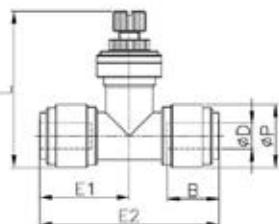
Available on request - disponibile a richiesta - disponible bajo consulta

Flow Regulators



Metric flow regulator - regolatore di flusso in linea metrico - *regulador de caudal métrico*

HSTU

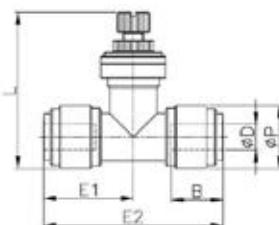


Available on request - disponibile a richiesta - *disponible bajo consulta*

	ØD	ØP	E1	E2	L min	L max	B	WEIGHT (G)	
HSTU0606B	6	15,5	22,2	44,4	37,7	42,7	16,1	20,6	50
HSTU1010B	10	20,0	26,1	52,1	44,0	49,7	19,7	39,4	25

Inch flow regulator - regolatore di flusso in linea in pollici - *regulador de caudal en pulgadas*

HSTU-INCH



Available on request - disponibile a richiesta - *disponible bajo consulta*

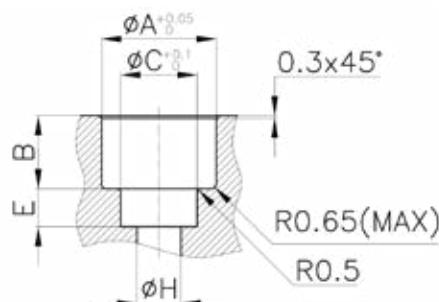
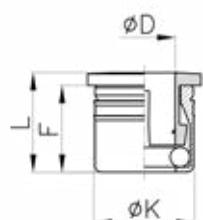
	ØD	ØP	E1	E2	L min	L max	B	WEIGHT (G)	
HSTU1/4-1/4G	1/4	15,5	22,2	44,4	37,7	42,7	16,9	20,6	50
HSTU3/8-3/8G	3/8	20,0	26,1	52,1	44,0	49,7	19,8	39,4	25

Metric Cartridges



Full cartridge in brass - cartuccia intera in ottone - *cartucho intero en latón*

HCAS-F



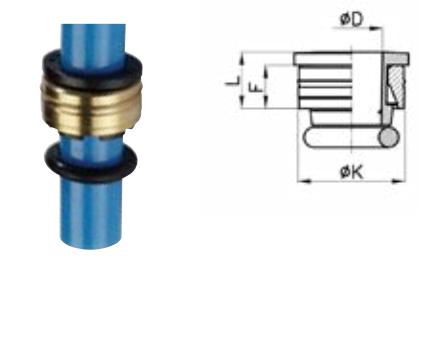
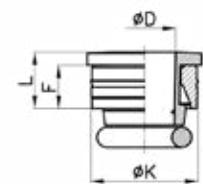
	ØD	ØK	L	F	WEIGHT (G)	
HCAS-F 04	4	10,20	12,0	10,5	3,8	200
HCAS-F 06	6	11,25	12,6	11,0	3,2	200
HCAS-F 08	8	13,25	13,2	11,5	3,9	200
HCAS-F 10	10	15,25	14,3	12,5	4,7	100
HCAS-F 12	12	17,80	16,9	14,8	7,2	100

BASE HOLE

TUBE	ØA	ØC	ØH	B	E
4	10,0	4,15	3,2	10,3	3,2
6	11,0	6,15	5,2	10,8	3,7
8	13,0	8,15	7,2	11,3	4,8
10	15,0	10,15	9,2	12,2	5,4
12	17,5	12,15	11,2	14,1	7,3

Half cartridge in brass - mezza cartuccia in ottone - *medio cartucho en latón*

HCAS-H



	ØD	ØK	L	F	WEIGHT (G)	
HCAS-H 04	4	12,70	6,8	5,3	4,2	200
HCAS-H 06	6	13,60	6,6	5,0	3,9	200
HCAS-H 08	8	14,05	7,4	5,7	3,5	200
HCAS-H 10	10	16,30	8,8	7,0	5,0	100
HCAS-H 12	12	19,35	10,8	8,8	9,0	100

	ØD	ØK	L	F	WEIGHT (G)	
HCAS-H 5/32	5/32	12,70	6,8	5,3	4,2	200
HCAS-H 1/4	1/4	13,60	6,6	5,0	2,5	200
HCAS-H 5/16	5/16	14,05	7,4	5,7	3,5	200
HCAS-H 3/8	3/8	16,30	8,8	7,0	5,5	100

BASE HOLE

TUBE	ØA	ØO	ØC	ØH max	B	G	E
4	12,5	8,3	4,2	3,3	4,90	8,90	12,8
6	13,4	10,0	6,2	5	4,60	9,80	14,0
8	13,82	11,95	8,2	7	5,46	10,15	15,0
10	16,05	14,0	10,2	9	6,86	11,80	18,2
12	19,1	16,55	12,2	11	8,65	15,50	23,5

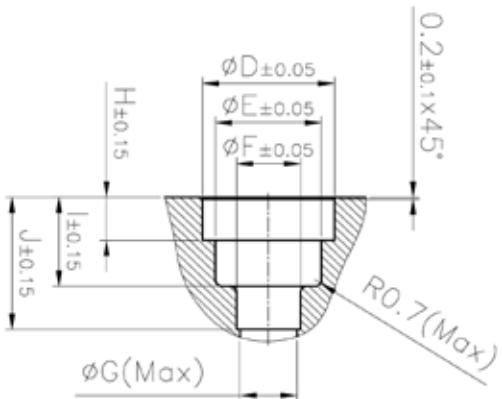
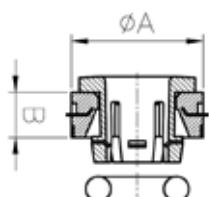
TUBE	ØA	ØO	ØC	ØH max	B	G	E
5/32	12,5	8,3	4,2	3,3	4,9	8,9	12,8
1/4	13,40	10,80	6,5	5,5	4,60	9,80	14,0
5/16	13,82	11,95	8,2	7,0	5,46	10,15	15,0
3/8	16,05	13,90	9,65	8,5	6,86	11,80	18,2

Inch Cartridges



Half cartridge acetal resin - mezza cartuccia in resina acetatica - medio cartucho en resina acetálica

HCAS-P



	ØTUBE	ØA	B	WEIGHT (G)	
HCAS-P 04	4	11,85	5,0	0,8	200
HCAS-P 06	6	13,30	4,6	0,9	200
HCAS-P 08	8	13,70	5,6	1,1	100
HCAS-P 10	10	15,90	6,9	1,4	100
HCAS-P 12	12	19,60	7,9		

	ØTUBE	ØA	B	WEIGHT (G)	
HCAS-P 5/32	5/32	11,85	5,0	0,8	200
HCAS-P 1/4	1/4	13,30	4,6	1,0	200
HCAS-P 5/16	5/16	13,70	5,6	1,1	100
HCAS-P 3/8	3/8	15,90	6,9	1,6	100
HCAS-P 1/2	1/2	19,60	7,9	2,6	100

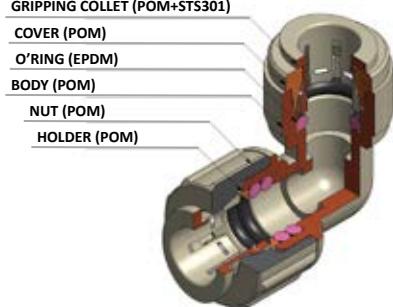
BASE HOLE

TUBE	ØD	ØE	ØF	ØG	H	I	J
4	12,00	8,30	4,15	3,30	4,90	8,90	12,80
6	13,40	10,00	6,15	5,30	4,60	9,80	14,00
8	13,80	11,95	8,15	7,40	5,50	10,15	15,00
10	16,05	14,00	10,15	9,20	6,90	11,80	18,20
12	19,75	16,55	12,15	11,20	7,75	15,90	23,90

TUBE	ØD	ØE	ØF	ØG	H	I	J
5/32	12,00	8,30	4,15	3,30	4,90	8,90	12,80
1/4	13,40	10,80	6,50	5,80	4,60	9,80	14,10
5/16	13,80	11,95	8,15	7,40	5,50	10,15	15,00
3/8	16,05	13,90	9,65	8,90	6,85	11,80	18,20
1/2	19,75	17,40	12,85	12,20	7,70	14,90	22,90

Technical Information

MATERIALS



Steel Fit fittings are studied in order to satisfy the requirements related to the connection of stainless steel tubings.

I raccordi Steel Fit della gamma Fluidfit nascono per soddisfare le esigenze di connessione relative a tubi in acciaio inox.

Los racores Steel Fit de la gama Fluidfit nacen para satisfacer las necesidades de conexión de tubería en acero inoxidable.

INSTRUCTIONS

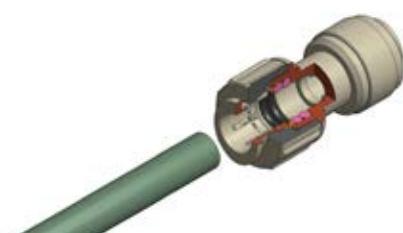
We recommend to read and follow all the instructions, precautions and warnings contained in this catalogue before using the products in pressurized systems. Failure to follow all instructions, precautions and warnings may result in bodily harm or property damages. CDC Fluidtech Europe disclaims any responsibility in case of damages for wrong use of the products.

Si raccomanda di leggere e seguire attentamente le presenti istruzioni e di rispettare le precauzioni e gli avvertimenti contenuti nel presente documento prima dell'utilizzo dei prodotti in sistemi pressurizzati. L'inosservanza delle istruzioni, delle precauzioni e degli avvertimenti che seguono potrebbe causare danni a persone e/o cose. CDC Fluidtech Europe declina ogni tipo di responsabilità per danni derivanti dall'improprio uso dei prodotti.

Se aconseja leer y seguir con cuidado todas las instrucciones, precauciones y avisos incluidas en este documento antes de utilizar los productos en sistemas presurizados. En caso de incumplimiento de las advertencias se pueden verificar daños a personas y cosas. Tierre Group no es responsable de daños causados por el uso inapropiado de los productos.

HOW TO CONNECT

For the part of the fitting to be connected to standard tubing (plastic or soft metal types), please refer to the instructions at page 10 of the present catalogue. Make sure that the tube size and the push-in system size of the fittings are the same. Cut square (90° angle) the part of the tube that has to be inserted into the fittings using the proper tube cutter. Do not use hacksaw. Make sure that the tube used is clean and does not present any scratch, crack, cut or deformity and always deburr the tube before the insertion in order not to damage the o-rings. Before inserting the tube, please remove any possible obstruction inside the fitting.



1

Per le istruzioni relative alla parte del raccordo per tubi standard (plastici o in metallo tenero) fare riferimento alle istruzioni a pagina 10 del presente catalogo. Assicurarsi che il tubo ed il sistema ad innesto rapido del raccordo siano della stessa misura. Tagliare ad angolo retto la parte di tubo che dovrà essere inserita nel raccordo mediante idoneo tagliatubi. Non utilizzare seghetti per metalli. Assicurarsi che il tubo utilizzato sia perfettamente pulito e che non presenti tagli, rotture, crepe o deformità e sbavare l'estremità al fine di evitare di danneggiare le o-ring. Prima dell'inserimento del tubo rimuovere ogni possibile ostruzione dall'interno del raccordo.

Para lo que se refiere a las instrucciones de los racores estandard (plastico o en metal ligero) mirar las instrucciones en la pagina 10 de este catalogo. Asegurarse de que el tubo y el sistema automatico sean de la misma dimension. Cortar a 90° la parte del tubo que tendrá que ser insertada en el racor gracias a la apropiada cortatubo. No utilizar sierras para metales. Asegurarse de que el tubo utilizado sea perfectamente lindo y que no lleve rasguños, daños y deformidades y rebabar la extremidad para que no hay daños en los anillos. Antes de la insercion del tubo remover cada posible obstrucion en el racor.

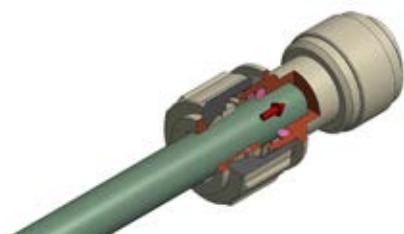


2

Unscrew anticlockwise the nut by hands making two turns in order to fully release the system.

Svitare manualmente in senso antiorario il dado per due giri completi al fine di aprire completamente il sistema.

Desenroscar manualmente en sentido antihorario el dado con dos giros completos para abrir completamente el sistema.



3

Make sure that the tube is correctly and fully inserted.
Inserting the tube into the fitting requires a moderate strain. The tube and the fitting should not be scratched or damaged during the insertion, otherwise there may be leaks or further wrong functions.

Please, connect the tube by hands, without using any kind of tool, whether dedicated or not.

Assicurarsi che il tubo sia correttamente e completamente inserito.

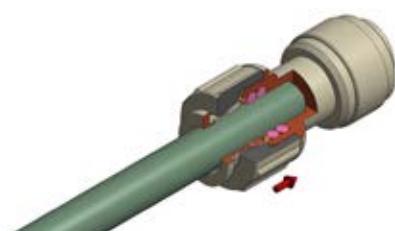
L'inserimento del tubo richiede uno sforzo moderato. Il tubo ed il raccordo non devono essere graffiati o danneggiati durante l'inserimento, in caso contrario potrebbero esserci perdite o malfunzionamenti.

Eseguire l'inserimento manualmente, senza l'utilizzo di strumenti, siano essi dedicati o improvvisati.

Asegurarse de que el tubo sea correctamente y completamente insertado.

La insercion del tubo necesita un esfuerzo medio. El tubo y el racor no tienen que llevar rasguños y daños en la insercion si no pueden pasar fugas y mal funcionamientos.

Hacer la insercion manualmente sin la ayuda de cualquier tipologia de herramientas.



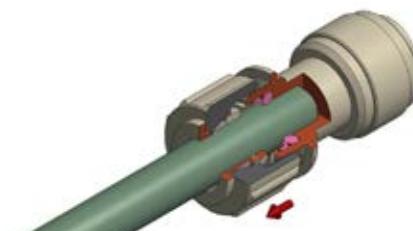
4

Keep the tube into the fitting completely inserted and screw by hands the nut clockwise up to the fully screwed position. This will grant a perfect seal of the system and the tube will be fully gripped.

Mantenere il tubo in posizione e avvitare il dado manualmente in senso orario sino a completo avitamento. Questa operazione garantisce una perfetta tenuta ed il completo aggraffaggio del tubo.

Tener el tubo en posicion y atornillar el dado manualmente en sentido horario hasta el completo tornillo. Esta operacion permite una junta perfecta y el completo agarre del tubo.

HOW TO DISCONNECT

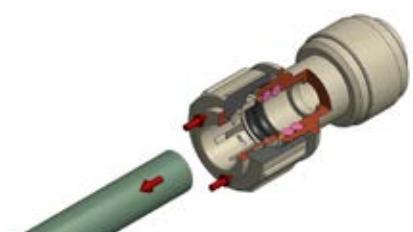


1

Unscrew anticlockwise the nut by hands making two turns in order to fully release the system.

Svitare manualmente in senso antiorario il dado per due giri completi al fine di aprire completamente il sistema.

Desenroscar manualmente en sentido antihorario el dado con dos giros completos para abrir completamente el sistema.



2

Push the collet in the direction of the body of the fitting and pull the tube keeping the collet pushed in order to disconnect the tube from the fitting.

Premere il colletto di sgancio in direzione del corpo del raccordo e mantenerlo premuto mentre si sfila il tubo dal raccordo.

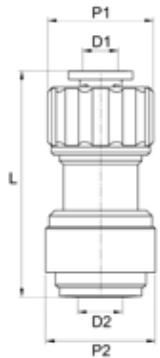
Presionar el anillo en direccion del cuerpo del racor y seguir presionando mientras se desmonta el tubo.

Steel Fit Fittings



Union connector - intermedio diritto - *racor directo*

HUCP

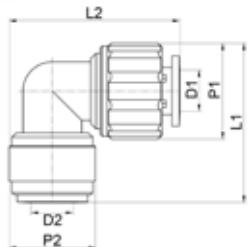


	ØD1	ØD2	ØP1	ØP2	L	WEIGHT (G)	
HUCP 5/16-5/16G	5/16	5/16	19,3	20	42,9	95	50
HUCP 3/8-3/8G	3/8	3/8	22,3	20	46	114	50

	ØD1	ØD2	ØP1	ØP2	L	WEIGHT (G)	
HUCP 1/4-5/16G	1/4	5/16	19,3	20	41,4	96	50
HUCP 1/4-3/8G	1/4	3/8	19,3	20	41,8	94	50
HUCP 5/16-3/8G	5/16	3/8	19,3	20	43,3	112	50
HUCP 3/8-5/16G	3/8	5/16	22,3	20	45,6	114	50

Union elbow - intermedio a gomito - *racor codo*

HULP



	ØD1	ØD2	ØP1	ØP2	L1	L2	WEIGHT (G)	
HULP 5/16-5/16G	5/16	5/16	19,3	20	35,1	35,8	106	50
HULP 3/8-3/8G	3/8	3/8	22,3	20	37	39,5	122	50

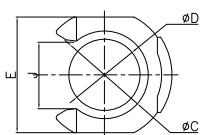
	ØD1	ØD2	ØP1	ØP2	L1	L2	WEIGHT (G)	
HULP 1/4-5/16G	1/4	5/16	19,3	20	35,1	35,3	111	50
HULP 1/4-3/8G	1/4	3/8	19,3	20	35,5	35,3	109	50
HULP 5/16-3/8G	5/16	3/8	19,3	20	35,5	35,8	103	50
HULP 3/8-5/16G	3/8	5/16	22,3	20	36,6	39,5	124	50

Accessories & Spare Parts

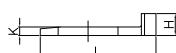


Locking clip - Clip di bloccaggio - Clip de bloqueo

HCP



	ØD	ØC	E	L	H	J	K	WEIGHT (G)	
HCP04-5/32	04 - 5/32	6,2	10,2	11,0	2,8	4,3	1,1	0,09	1000
HCP05-3/16	05 - 3/16	6,2	10,2	11,0	2,8	4,3	1,1	0,09	1000
HCP06-1/4	06 - 1/4	8,0	11,6	11,6	3,1	6,4	1,3	0,12	1000
HCP08-5/16	08 - 5/16	9,6	13,5	13,9	3,3	7,3	1,4	0,16	1000
HCP10-3/8	10 - 3/8	11,8	16,0	16,4	3,4	9,2	1,4	0,23	1000
HCP12-1/2	12 - 1/2	14,4	19,0	19,0	3,6	11,1	1,4	0,30	1000
HCP15	15	17,0	22,5	22,6	3,6	13,1	1,4	0,45	500
HCP22	22	24,0	30,0	29,3	3,8	19,1	1,9	0,84	300



ØD	Grey	Black	Red	Blue
04-5/32	HCP04-5/32GR	HCP04-5/32BK	HCP04-5/32RD	HCP04-5/32BL
05-3/16	HCP05-3/16GR	HCP05-3/16BK	HCP05-3/16RD	HCP05-3/16BL
06-1/4	HCP06-1/4GR	HCP06-1/4BK	HCP06-1/4RD	HCP06-1/4BL
08-5/16	HCP08-5/16GR	HCP08-5/16BK	HCP08-5/16RD	HCP08-5/16BL
10-3/8	HCP10-3/8GR	HCP10-3/8BK	HCP10-3/8RD	HCP10-3/8BL
12/1/2	HCP12/1/2GR	HCP12/1/2BK	HCP12/1/2RD	HCP12/1/2BL
15				HCP15BL
22				HCP22BL

Metric o-ring - O-Ring metrico - O-Ring metrica

HOR



	ØD	WEIGHT (G)	
HOR04	4	0,1	1000
HOR06	6	0,15	1000
HOR08	8	0,21	1000
HOR10	10	0,24	1000
HOR12	12	0,31	1000
HOR15	15	0,58	1000
HOR22	22	0,98	1000

Inch o-ring - O-Ring in pollici - O-Ring en pulgadas

HOR-INCH



	ØD	WEIGHT (G)	
HOR5/32	5/32	0,4	1000
HOR3/16	3/16	0,012	1000
HOR1/4	1/4	0,18	1000
HOR5/16	5/16	0,8	1000
HOR3/8	3/8	0,24	1000
HOR1/2	1/2	0,37	1000

Technical Information

PE tubing is made from FDA compliant and not contaminating materials.

Temperature: -29°C (-20°F) to +66°C (150°F)

Suitable for water purification, water conditioners, ice makers, misting systems and food contact applications.

A wide range of temperature and pressure suitability.

Broad chemical compatibility.

Tubo PE in accordo alla FDA e senza materiali contaminati.

Temperatura: -29°C (-20°F) to +66°C (150°F)

Idoneo per depuratori, condizionatori ad acqua, macchine del ghiaccio, nebulizzatori e applicazioni a contatto con alimenti.

Idoneità in un ampio range di temperatura e pressione.

Estesa compatibilità chimica.

Tubo PE en conformidad a FDA y sin materiales contaminados.

Temperatura: -29°C (-20°F) to +66°C (150°F)

Apto para depuradoras, acondicionadores a agua, maquinas de hielo, nebulizadores y aplicaciones a contacto con alimentos.

Apto para una larga escala de tempertura y presion.

Larga compatibilidad química.

Metric tube - tubo metrico - tubería metrifica

PE



TUBE	Ø O.D.	Ø I.D.	Wall Thickness (mm)	Minimum bending radius at 23°C (mm)	Burst pressure at 23°C (bar)	Max Pressure (PSI)	Minimum Tensile test (kgf/cm)	(mt.)
PE 0425..FF	4 ±0,08	2,5	0,75 ±0,08	25	30	230	5	200
PE 0604..FF	6 ±0,08	4	1 ±0,08	25	30	230	10	100
PE 0806..FF	8 ±0,08	6	1 ±0,08	25	20	170	15	100
PE 1007..FF	10 ±0,08	7	1,5 ±0,08	32	20	170	20	100
PE 1209..FF	12 ±0,10	9	1,5 ±0,08	63	20	170	20	100

ØD	Natural	Black	White	Red	Blue
4x2,5	PE0425NU-FF	PE0425NE-FF	PE0425BO-FF	PE0425RO-FF	PE0425BL-FF
6x4	PE0604NU-FF	PE0604NE-FF	PE0604BO-FF	PE0604RO-FF	PE0604BL-FF
8x6	PE0806NU-FF	PE0806NE-FF	PE0806BO-FF	PE0806RO-FF	PE0806BL-FF
10x7	PE1007NU-FF	PE1007NE-FF	PE1007BO-FF	PE1007RO-FF	PE1007BL-FF
12x9	PE1209NU-FF	PE1209NE-FF	PE1209BO-FF	PE1209RO-FF	PE1209BL-FF

Tubes



Inch tube - tubo in pollici - tubería en pulgadas

PE-INCH



TUBE	\varnothing O.D.	\varnothing I.D.	Wall Thickness (mm)	Minimum bending radius at 23°C (mm)	Burst pressure at 23°C (bar)	Max Pressure (PSI)	Minimum Tensile test (kgf/cm)	\square (mt.)
PE 5/32..FF	5/32	0,094" (2,39)	0,79 ±0,08	1,00" (25,4)	30	230	5	200
PE 3/16..FF	3/16	0,125" (3,18)	0,79 ±0,08	1,00" (25,4)	30	230	5	200
PE 1/4..FF	1/4	0,170" (4,32)	1,02 ±0,08	1,00" (25,4)	30	230	10	100
PE 5/16..FF	5/16	0,216" (5,49)	1,22 ±0,08	1,13" (28,7)	30	170	15	100
PE 3/8..FF	3/8	1/4" (6,35)	1,58 ±0,08	1,25" (31,8)	20	170	20	100
PE 1/2..FF	1/2	3/8" (9,53)	1,58 ±0,08	2,50" (63,5)	20	170	20	100

\varnothing D	Natural	Black	White	Red	Blue
5/32	PE5/32NU-FF	PE5/32NE-FF	PE5/32BO-FF	PE5/32RO-FF	PE5/32BL-FF
3/16	PE3/16NU-FF	PE3/16NE-FF	PE3/16BO-FF	PE3/16RO-FF	PE3/16BL-FF
1/4	PE1/4NU-FF	PE1/4NE-FF	PE1/4BO-FF	PE1/4RO-FF	PE1/4BL-FF
5/16	PE5/16NU-FF	PE5/16NE-FF	PE5/16BO-FF	PE5/16RO-FF	PE5/16BL-FF
3/8	PE3/8NU-FF	PE3/8NE-FF	PE3/8BO-FF	PE3/8RO-FF	PE3/8BL-FF
1/2	PE1/2NU-FF	PE1/2NE-FF	PE1/2BO-FF	PE1/2RO-FF	PE1/2BL-FF

Note



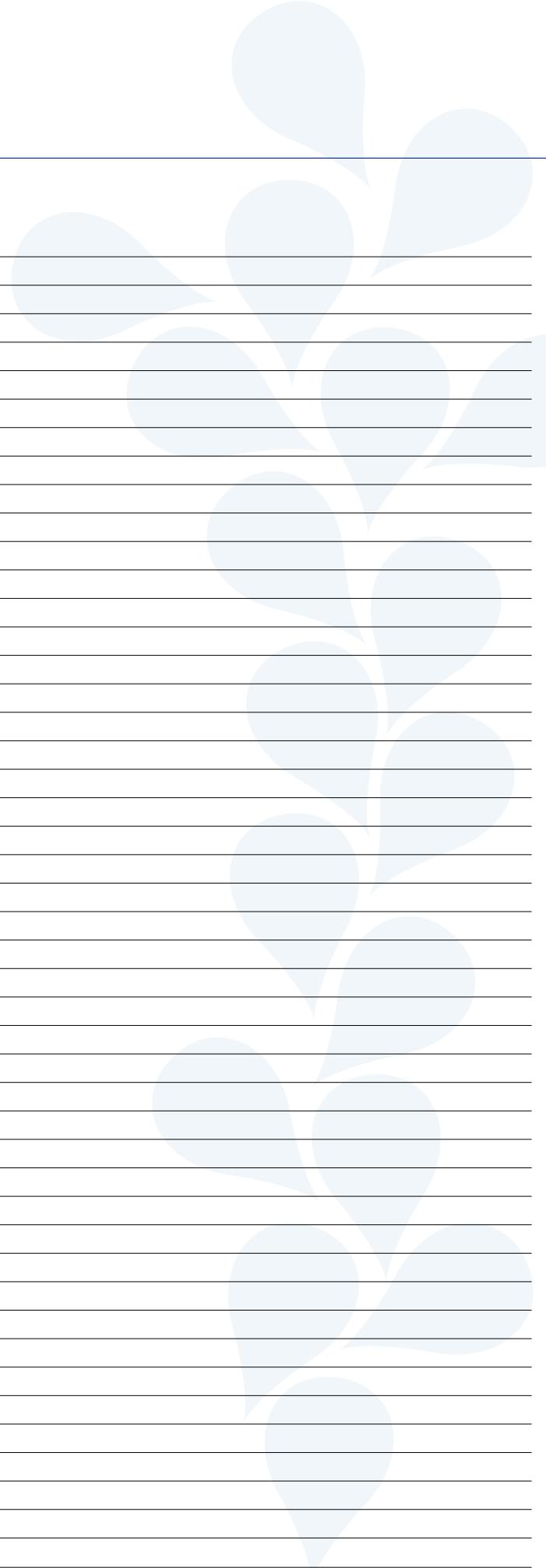
Note

Note



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Note





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