



VALVES AND FITTINGS

CATÁLOGO CATALOGUE



HIDRO

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YEARS
25

1994_2019



Desde 1994, MT diseña, produce y comercializa una amplia gama de productos para el segmento hidrosanitario e industrial entre los que destacan los accesorios y las válvulas de latón, accesorios de acero inoxidable, bridas y válvulas industriales, entre otros.

Since 1994, MT has been designing, producing and marketing a wide range of products for the hydrosanitary and industrial segment, including brass valves and fittings, stainless steel fittings, flanges and industrial valves, among others.

La compañía basa su estrategia en la satisfacción del cliente con una excelente relación calidad precio en más de 4.000 referencias especialmente producidas para el profesional distribuidor.

The aim of the company is the customer satisfaction, trying to give the best quality – price combination in more than 4,000 references, specially made for the professional distributor.

Con una alta cuota de mercado, MT se posiciona como una de las empresas más completas en soluciones integrales para la conducción de fluidos, segmento clave para el sector industrial, tratamientos de agua y riego, usos hidrosanitarios, automatización, instrumentación, etc.

With a nice market presence, MT is positioned as one of the most complete companies in integral solutions for the conduction of fluids, key segment for the industrial sector, water and irrigation treatments, hydrosanitary uses, automation, instrumentation, etc.

Actualmente, MT cuenta con una red de distribuidores propios en más de 12 países, una filial en México (MT América), y clientes en 40 países de 4 continentes.

Nowadays, MT has a network of its own distributors in more than 12 countries, a subsidiary in Mexico (MT America) and clients in 40 countries on 4 continents.

MT es una multinacional española que fabrica y comercializa productos y accesorios para la canalización y conducción de fluidos en más de 40 países.

MT is an spanish company that manufactures and distributes products and accessories for the canalization and conduction of fluids in more than 40 countries.



PRODUCTOS

PRODUCTS

Todas las referencias de MT las encontrarás bajo dos grandes divisiones: Hidro e Industrial, con las que la compañía quiere dar una respuesta específica según el ámbito para el que se han diseñado.

MT portfolio of products are braced in two major divisions: Hydro and Industrial, and with those two divisions we try to give the specific solution on each situation.



La división Hidro MT agrupa todos los productos específicamente diseñados para la canalización y conducción de fluidos para los sectores de construcción, fontanería, riego y jardín.

Se trata de una amplia gama de productos en la que encontraremos accesorios de hierro maleable galvanizado, válvulas de latón y accesorios de latón, reductoras de presión, válvulas de PVC, válvulas y descargas para WC, manómetros, y una selección de los productos más importantes de MAC3, fabricante mundial de productos electrónicos para sistemas hidráulicos.

The Hidro MT division contains all the products, specifically designed for the canalization and conduction of fluids for the construction, plumbing, irrigation and gardening sectors.

It is a wide range of products in which we find malleable galvanized iron fittings, brass valves and brass fittings, pressure reducers, PVC valves, WC valves and discharges, manometers and a selection of the most important products of MAC3, an Italian manufacturer of electronic products for hydraulic systems.



MT® INDUSTRIAL

La división Industrial ofrece piezas de gran calidad de acero inoxidable específicamente pensados para el ámbito industrial. Toda la gama está fabricada bajo estrictos parámetros de calidad cumpliendo con las más altas certificaciones en conducción de fluidos.

Se trata de una amplia gama de productos inox con referencias de bridas y valonas de acero inoxidable, accesorio roscado de acero inoxidable, accesorios para la soldadura de tubo inoxidable, MT Press para prensar, válvulas inoxidables, válvulas de fundición y automatismos.

The Industrial division offers high quality stainless steel parts specifically designed for the industrial sector. The entire range is manufactured under strict quality parameters that comply with the highest certifications in conducting fluids.

It is a wide range of stainless steel products including stainless steel flanges, threaded fittings, welding accessories, MT press fitting, valves, casting valves, ductile valves and automatism.



CERTIFICADOS

CERTIFICATIONS

Desde su creación, MT ha apostado por fijar objetivos de calidad e innovación sobre los que construir productos eficientes, seguros, duraderos y altamente rentables. La compañía permanece totalmente alineada con la legislación Europea, cada vez más estricta en sus políticas medioambientales, seguridad e higiene, y apuesta por el desarrollo continuo de nuevas líneas de producción. MT es hoy referente en calidad y homologaciones.

Since its inception, MT has focused its efforts on establishing quality and innovation objectives to build efficient, safe, durable and highly profitable products. The company remains fully aligned with European legislation, keeping ourselves strict in its policies on environment, safety and hygiene, and is committed to the continuous development of new production lines. MT is now a benchmark in quality and approvals.

EMPRESA

COMPANY

Certificado TÜV para la Gestión de la Calidad

La organización demuestra su capacidad para proporcionar de forma coherente productos o servicios que satisfacen los requisitos del cliente y los reglamentos aplicables según la norma UNE-EN ISO 9001.

TÜV Quality Management Certificate

The organization demonstrates its ability to consistently deliver products or services that meet customer and regulatory requirements applicable to UNE-EN ISO 9001.

PRODUCTOS

PRODUCTS



La Asociación alemana del sector de gas y agua (DVGW) certifica, entre otros, materiales de sellado para el abastecimiento de gas en Alemania.

The German Association of the Gas and Water Industry (DVGW) certifies, among other things, sealing materials for gas supply in Germany.



Certificación para el empleo de materiales de juntas de sellado con agua potable de acuerdo con la norma británica BS 6920.

Certification for the use of sealing gasket materials with drinking water in accordance with British Standard BS 6920.



Autorización oficial expedida por la Dirección General Sanitaria francesa desde 1998. Se aplica a los materiales constitutivos de los equipos que están en contacto con el agua destinada al consumo humano así como a los equipos en sí.

Official authorization issued by the General Directorate of Health since 1998 (ACS certification). It is applied to equipment constituting materials that are in contact with water intended for human consumption, as well as to the equipment itself.



Autorización oficial expedida por Le Centre Scientifique et Technique du Bâtiment (CSTB).

Official authorization issued by the Center Scientific et Technique du Bâtiment (CSTB).



Certificación de sistemas de tubería multicapa para instalaciones de agua potable (caliente y fría) en edificación de acuerdo con la normativa EN ISO 21003.

Certification of multilayer piping systems for hot and cold drinking water inside buildings in accordance with EN ISO 21003.



Certificado de sistema tubería PE-X para instalaciones de agua caliente y fría en instalaciones de agua sanitaria y calefacción de acuerdo a normativa UNE-EN ISO 15875 y BRL 5606.

Certification of PE-X piping systems for hot and cold drinking water and heating installations in accordance with UNE-EN ISO 15875 and BRL 5606.



Certificación conforme el producto cumple con la normativa UNE-EN 13828 (diseño) y la NKB-13 (migración metales pesados).

Certification according the product complies with UNE-EN 13828 (design) and NKB-13 (heavy metal migration).



Certificación oficial expedida por el Instituto Nacional de Sanidad Pública de Polonia. Se aplica a los materiales constitutivos de los equipos que están en contacto con el agua destinada al consumo humano.

Official certificate issued by the National Institute of Public Hygiene of Poland. It is applied to equipment constituting materials that are in contact with water intended for human consumption.



Certificación de conformidad para los productos que cumplen con todos los reglamentos técnicos de la Unión Aduanera Euroasiática.

Product compliance Certificate according to the technical regulations of the Eurasian Custom Union.

VALOR DIFERENCIAL

DIFERENCIAL VALUE

MT se ha posicionado en el mercado como una de las empresas más ágiles en capacidad de respuesta, relación calidad-precio y catálogo de referencias.

La compañía ha definido una estrategia comercial basada en precios competitivos y una máxima preocupación: no sobre-estocar al cliente. Esto nos permite ajustar la producción a las necesidades reales del mercado y sus profesionales y ofrecer:

MT has positioned itself in the market as one of the most agile companies in terms of responsiveness, value for money and reference catalog.

The company has defined its commercial strategy based on competitive prices and a maximum concern: not over-store the customer. This allows us to adjust production to the real needs of the market and its professionals and offer:



MT ha consolidado una red de distribución internacional, entendiendo las especificidades que marca cada mercado y adaptando certificaciones y requerimientos de cada país.

El modelo logístico pone el foco en la anticipación y la capacidad de respuesta en un amplio catálogo de productos. Esto es posible, entre otros, gracias al código EAN incorporado en cada uno de sus productos, imprescindible para un óptimo control de los stocks y la venta de productos por línea de caja.

MT has consolidated an international distribution network, understanding the specificities that mark each market and adapting the certifications and requirements of each country.

The logistic model puts the focus on anticipation and responsiveness in a wide product catalog. This is possible, among others, thanks to the EAN code incorporated in each of its products, essential for optimum control of stocks and the sale of products on counters.

Condiciones válidas sólo en España
Valid conditions only in Spain



Nuevo servicio urgente 24h.
New urgent service 24h.



Amplio catálogo de productos
con más de 4.000 referencias
Wide catalog of products with
more than 4.000 references



Producción homologada según
normativas y certificaciones
Production approved according
to regulations and certifica-
tions



Servicio logístico que vela por
el no sobre-estocaje del cliente
Logistic service that monitors
non-storage



Atención al cliente basada en
la inmediatez y la flexibilidad
Customer support based on
immediacy and flexibility

Consultar condiciones de venta página 268
See sales conditions on page 268



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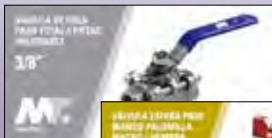
Pol. Sector Camps d'en Ricart
C/ Comerç, 10, naves 3 a 9
08780 Pallejà, Barcelona - SPAIN

MT®
VALVES AND FITTINGS

NOVEDADES NEWS

Cajas dispensadoras completamente personalizables, blisters y embolsados. Todo para facilitar su correcta identificación y clasificación.

Dispenser boxes completely customizable, blister packs and bagged. All to facilitate its correct identification and classification.





SOLUCIONES DE MARKETING A MEDIDA

CUSTOMIZED MARKETING SOLUTIONS

Dos factores determinan los resultados en el punto de venta: visibilidad y notoriedad. Ser capaces de llamar la atención del consumidor y transmitir el concepto y las principales ventajas técnicas del producto es otro de nuestros máximos objetivos.

MT pone a disposición de sus clientes un completo abanico de soluciones orientadas a reforzar sus acciones comerciales en el punto de venta con un fin: reforzar la identidad corporativa de los productos ofertados y facilitar al máximo la venta.

- Acciones de marketing promocional
- Comunicación retail
- Productos dotados de herramientas comerciales especialmente creadas: expositor, bolsas, etiquetas, categorías, muestras, etc.

There are two factors that determine the results in point of sale: visibility and notoriety. Be able to attract attention of customers and transmit the concept and the main technical advantages of our products is other of our main goals.

MT makes available to the customers a complete variety of solutions oriented to reinforce his point of sale commercial actions with a goal: reinforce the corporate identity of the quoted products and facilitate at maximum the sale..

- Promotional marketing actions
- Retail communication
- Products equipped with commercial tools specially designed for them: exhibitor, bags, labels, categories, samples, etc.

NUESTRAS HERRAMIENTAS COMERCIALES

- Implantaciones por familias de productos.
- Cajas dispensadoras etiquetadas para estanterías modulares.
- Expositores para válvulas de llenado y descarga.
- Box palet para punto de venta.

OUR COMMERCIAL TOOLS

- Establishments by product families.
- Dispenser boxes labeled for modular shelves.
- Exhibitors for flush and fill valves.
- Box pallet for point of sale.





Box pallet personalizable para punto de venta.
Customizable box pallet for point of sale.



Expositores para la familia de válvulas de llenado y descarga de wc.
Expositors for our Flush & fill valves range.

IMPLANTACIONES POR FAMILIAS DE PRODUCTOS



Estas implantaciones se han diseñado en base a un estudio de mercado realizado a nivel nacional, con las referencias de más rotación. El cliente puede modificar o cambiar cualquier artículo por las necesidades de su zona o tipología de mercado al que va dirigido el producto.

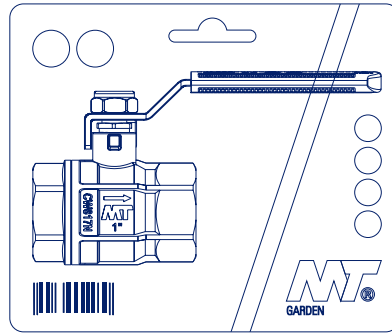
These implementations have been designed based on the market development, choosing the references with high rotation. The customer can modify the item shown according to the needs of their area or market.

CÓDIGOS EAN

EAN CODES

Para un mayor control de los stocks, eliminando posibles errores en los precios, para la solicitud de pedidos con un código único y compatible con el programa de gestión internacional EDI.

For better stock control, in order to avoid possible mistakes in prices, for the request of orders with a unique code and compatible with the international management program EDI.



HANTAGS STANDARD



HANGTAGS

HANGTAGS

Etiqueta individual por artículo, donde se facilita la información de la referencia del producto, certificaciones, medidas y código EAN 13.

Every article comes individually labeled, and this label comes with the product reference information, certifications, measurements and EAN 13 code



SERIE 87 NUEVAS REFERENCIAS

87 SERIES
NEW REFERENCES



87093

CODO 90° M-M
M-M ELBOW 90°



87098

CODO 90° M-H CON CONECTOR 2 PIEZAS
M-F ELBOW 90° WITH 2 PIECES CONNECTOR



87132

TE IGUAL MACHO
M EQUAL TEE



87500

RACOR CODO MURAL H-H
F-F WALL PLATED ELBOW



87575

ANILLO REDUCIDO H-M
REDUCING RING F-M



ACCESORIO DE LATÓN ROSCADO CROMADO

CHROME PLATED BRASS
THREADED FITTING

PRESIÓN MÁXIMA DE TRABAJO
MAXIMUM WORKING PRESSURE



CARACTERÍSTICAS GENERALES GENERAL FEATURES

Estampado en caliente
Hot forged

Cuerpo en latón cromado
Chromed-plated brass body

Rosca macho paralela / Rosca hembra paralela
Parallel male thread / Parallel female thread



Ref. 871090
Codo 90° H-H
F-F Elbow 90°



Ref. 871092
Codo 90° M-H
M-F Elbow 90°



Ref. 871500
Racor codo mural
Wall plated elbow



Ref. 871130
Te igual H
F Equal tee



Ref. 871240
Manguito r educción H-H
F-F Reducing socket



Ref. 871241
Tuerca reducción M-H
M-F reducing bushings



Ref. 871245
Machón reducido M-M
M-M Reducing nipple



Ref. 871246
Manguito reducción M-H
M-F Reducing nipple socket



Ref. 871270
Manguito H-H
F-F socket



Ref. 871280
Machón M-M
M-M hexagon nipple



Ref. 871290
Tapón con reborde M
M plug beaded



Ref. 871300
Tapón hexagonal H
F hexagon cap



Ref. 871529
Manguito igual M-H
"tipo marsella"
M-F equal socket
'marsella type'



Ref. 87534
Alargadera M-H (hex. interior)
M-F extension fitting (hexagon inside)

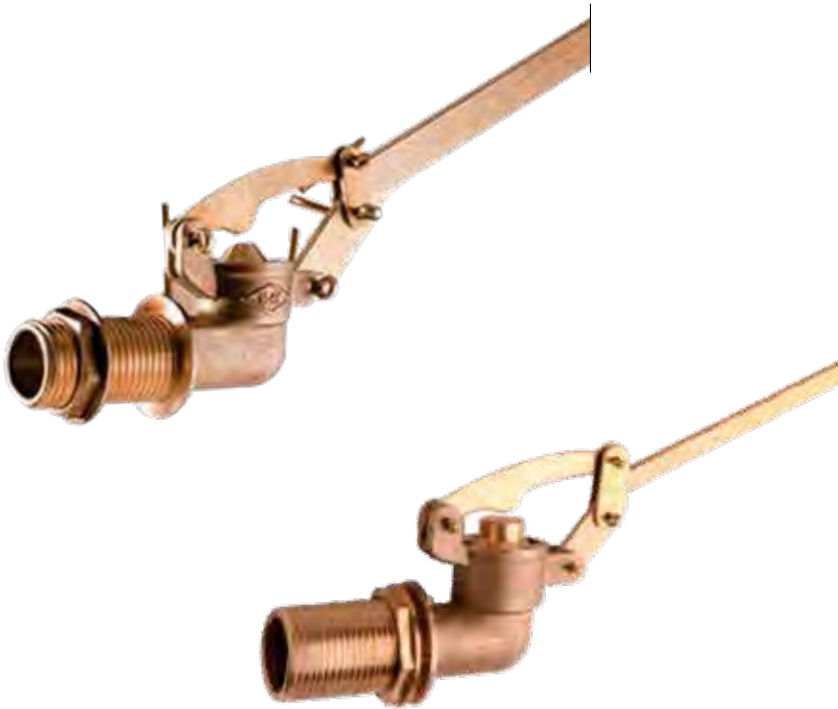


Ref. 871531
Manguito igual M-H
(hexágono interior)
M-F Equal socket
(hexagon inside)



VÁLVULAS DE FLOTADOR Y BOYAS

FLOAT VALVES AND BUOYS





FLEXO DE DUCHA FLEXIBLE DE PVC

FLEXIBLE PVC SHOWER HOSE



pag. **MT[®]**
59

CONEXIÓN FLEXIBLE "LATIGUILLO"

FLEXIBLE CONNECTION





LIMPIADOR PARA POLIETILENO

POLYETHYLENE CLEANER



VÁLVULAS DE LATÓN

BRASS VALVES



SERIES

PLATINUM

GOLD

SILVER

La amplia gama de válvulas MT pretende cubrir todas las necesidades del mercado intentando satisfacer las diferentes particularidades en todas las zonas del territorio internacional y las distintas aplicaciones en sectores como la industria, fontanería, calefacción, riego, etc...

Para ello, disponemos de válvulas PN-16, PN-25, PN-30 y PN-40, con cierre metálico y cierre elástico, distinto rango de temperaturas máximas, fluidos, lubricantes, hidrocarburos, alivio de presión y sistema antihielo, así como la disposición de accionamiento mediante palanca, palomilla, volante o cuadradillo y la posibilidad de conectar algunos modelos a tuberías de cobre, PEX, multicapas, por compresión en tuberías rígidas, polietileno o a través de rosca gas, H-H, M-H y M-M.

También tenemos a su disposición recambios para alargaderas, racores para la adaptación de mangueras, tamices para los filtros "Y" así como mandos con sus correspondientes florones para las válvulas de empotrar.

The wide range of MT valves tries to cover every needs of the market trying to satisfy all particularities in every zone of the international territory and the different applications in sectors such as Industry, Plumbing, Heating, Irrigation, etc.

That's why we have valves from PN-16 to PN-40, with metallic closing and resilient wedge, different range of temperatures, fluids, lubricants, hydrocarbons, relief of pressure and nofrost system, as well as the disposition of operation by plane handle, butterfly handle, hand wheel or square handle for connecting some models to copper pipelines, PEX, Multilayer, for compression rigid pipelines, polyethylene or throw gas thread, F-F, M-F and M-M.

In addition, we can offer spare parts for elongations, fittings for hose connections, filters for the Strainer Filter 'Y' and handles with their rossetes for solder ball valve.



PLATINUM SERIES

PN40

VÁLVULA DE BOLA
BALL VALVE

ANTI CORROSIÓN ANTIHIELO

ANTI RUST NOFROST

DZR
BRASS



- Paso total
- Sistema Antihielo
- Cuerpo reforzado
- Latón DZR CW602N
- Eje en acero inoxidable
- Nueva maneta ergonómica en acero inoxidable con tuerca autoblocante. Alta resistencia frente a la corrosión
- Juntas en FKM
- -20°C / 180°C
- Full bore
- Nofrost System
- Reinforced body
- DZR Brass CW602N
- Stainless steel stem
- New ergonomic stainless steel handle with self-locking nut. High protection from corrosion
- FKM o' rings
- -20°C / 180°C



LEYENDA DE ICONOS ICON KEY

Posibles codificaciones aplicadas en esta sección.

Possible encodings applied in this section.

ACS

SINTEF



DZR



Latón DZR
DZR Brass

Antihielo
Nofrost
system

Código de barras EAN
EAN bar code
system

CERTIFICADOS DE PRODUCTO
PRODUCT CERTIFICATES

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES

4104

ACS SINTEF PLATINUM *

VÁLVULA ESFERA PN-40 H-H PASO TOTAL EN LATÓN DZR PALANCA ERGONÓMICA COLOR NEGRO ACERO INOXIDABLE
F-F DZR BRASS BALL VALVE PN-40 FULL BORE WITH BLACK ERGONOMIC STAINLESS STEEL HANDLE

ANTIHIELO
NOFROST

DZR



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 4104-015 | 1/2" | 48 | 12 | 9,11 |
| 4104-020 | 3/4" | 32 | 8 | 13,86 |
| 4104-025 | 1" | 20 | 5 | 22,49 |
| 4104-032 | 1 1/4" | 12 | 3 | 33,68 |
| 4104-040 | 1 1/2" | 12 | 2 | 50,18 |
| 4104-050 | 2" | 12 | 2 | 74,92 |

4504

ACS SINTEF PLATINUM *

VÁLVULA ESFERA PN-40 M-H PASO TOTAL EN LATÓN DZR PALANCA ERGONÓMICA COLOR NEGRO ACERO INOXIDABLE
M-F DZR BRASS BALL VALVE PN-40 FULL BORE WITH BLACK ERGONOMIC STAINLESS STEEL HANDLE

ANTIHIELO
NOFROST

DZR



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 4504-015 | 1/2" | 40 | 10 | 9,48 |
| 4504-020 | 3/4" | 24 | 6 | 14,42 |
| 4504-025 | 1" | 16 | 4 | 23,38 |
| 4504-032 | 1 1/4" | 12 | 3 | 35,03 |
| 4504-040 | 1 1/2" | 12 | 2 | 52,19 |
| 4504-050 | 2" | 12 | 1 | 77,91 |

4204



ACS SINTEF PLATINUM * 

VÁLVULA ESFERA PN-40 H-H PASO TOTAL EN LATÓN DZR MANDO PALOMILLA COLOR NEGRO
F-F DZR BRASS BALL VALVE PN-40 FULL BORE WITH BLACK BUTTERFLY HANDLE

ANTIHIELO
NOFROST

DZR



| CÓDIGO | MEDIDA |  |  | € |
|----------|--------|---|---|-------|
| CODE | SIZE | | | € |
| 4204-015 | 1/2" | 60 | 15 | 9,29 |
| 4204-020 | 3/4" | 44 | 11 | 14,13 |
| 4204-025 | 1" | 28 | 7 | 22,94 |

4604



ACS SINTEF PLATINUM * 

VÁLVULA ESFERA PN-40 M-H PASO TOTAL EN LATÓN DZR MANDO PALOMILLA COLOR NEGRO
M-F DZR BRASS BALL VALVE PN-40 FULL BORE WITH BLACK BUTTERFLY HANDLE

ANTIHIELO
NOFROST

DZR



| CÓDIGO | MEDIDA |  |  | € |
|----------|--------|---|---|-------|
| CODE | SIZE | | | € |
| 4604-015 | 1/2" | 60 | 15 | 9,59 |
| 4604-020 | 3/4" | 44 | 11 | 14,42 |
| 4604-025 | 1" | 28 | 7 | 23,40 |

494081

PLATINUM

INOX

R

RECAMBIO - MANETA ACERO INOXIDABLE COLOR NEGRO PARA VÁLVULA PN-40
SPARE PART - STAINLESS STEEL BLACK HANDLE FOR PN-40 BALL VALVE



| CÓDIGO | MEDIDA | | | € |
|-------------|--------|-----|---|------|
| CODE | SIZE | | | € |
| | 1/2" | 240 | 1 | |
| 494081-1520 | 3/4" | 240 | 1 | 1,53 |
| 494081-0025 | 1" | 120 | 1 | 2,21 |
| 494081-0032 | 1 1/4" | 80 | 1 | 3,50 |
| 494081-0040 | 1 1/2" | 120 | 1 | 5,01 |
| 494081-0050 | 2" | 120 | 1 | 5,30 |

GOLD SERIES



PN30

VÁLVULA DE BOLA
BALL VALVE

ANTIHIELO

NOFROST



- Paso total
- Sistema Antihielo
- Certificado ACS
- Cuerpo reforzado
- Latón CW617N
- Nueva maneta ergonómica en acero inoxidable con tuerca autoblocante.
- -20°C / 120°C

- Full bore
- Nofrost System
- ACS certified
- Reinforced body
- Brass CW617N
- New ergonomic stainless steel handle with self-locking nut. -20°C / 120°C



PN
30

LEYENDA DE ICONOS ICON KEY

Posibles codificaciones aplicadas en esta sección.

Possible encodings applied in this section.

ACS

PZH

WRAS



CERTIFICADOS DE PRODUCTO
PRODUCT CERTIFICATES



Antihielo
Nofrost
system

Código de barras EAN
EAN bar code

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES

4295



GOLD 

VÁLVULA ESFERA PN-30 H-H
PASO TOTAL PALANCA ERGO-
NÓMICA COLOR ROJO ACERO
INOXIDABLE / F-F BRASS
BALL VALVE PN-30 FULL BORE
RED ERGONOMIC STAINLESS
STEEL HANDLE



WRAS
ACS
PZH

**ANTIHIELO
NOFROST**

| CÓDIGO | MEDIDA |  |  | € |
|----------|--------|---|---|--------|
| CODE | SIZE | | | € |
| 4295-008 | 1/4" | 72 | 12 | 5,02 |
| 4295-010 | 3/8" | 72 | 12 | 5,02 |
| 4295-015 | 1/2" | 54 | 9 | 6,57 |
| 4295-020 | 3/4" | 36 | 9 | 9,51 |
| 4295-025 | 1" | 24 | 6 | 14,48 |
| 4295-032 | 1 1/4" | 16 | 4 | 24,34 |
| 4295-040 | 1 1/2" | 8 | 2 | 35,00 |
| 4295-050 | 2" | 12 | 2 | 55,67 |
| 4295-065 | 2 1/2" | 6 | 1 | 106,56 |
| 4295-080 | 3" | 4 | 1 | 165,06 |
| 4295-100 | 4" | 2 | 1 | 226,16 |

42952



GOLD 

VÁLVULA ESFERA PN-30 H-H
PASO TOTAL PALANCA ERGO-
NÓMICA COLOR AZUL ACERO
INOXIDABLE / F-F BRASS
BALL VALVE PN-30 FULL BORE
BLUE ERGONOMIC STAINLESS
STEEL HANDLE



WRAS
ACS
PZH

**ANTIHIELO
NOFROST**

| CÓDIGO | MEDIDA |  |  | € |
|-----------|--------|--|---|--------|
| CODE | SIZE | | | € |
| 42952-008 | 1/4" | 72 | 12 | 5,02 |
| 42952-010 | 3/8" | 72 | 12 | 5,02 |
| 42952-015 | 1/2" | 54 | 9 | 6,57 |
| 42952-020 | 3/4" | 36 | 9 | 9,51 |
| 42952-025 | 1" | 24 | 6 | 14,48 |
| 42952-032 | 1 1/4" | 16 | 4 | 24,34 |
| 42952-040 | 1 1/2" | 8 | 2 | 35,00 |
| 42952-050 | 2" | 12 | 2 | 55,67 |
| 42952-065 | 2 1/2" | 6 | 1 | 106,56 |
| 42952-080 | 3" | 4 | 1 | 165,06 |
| 42952-100 | 4" | 2 | 1 | 226,16 |

4097



GOLD 

VÁLVULA ESFERA PN-30 M-H
PASO TOTAL PALANCA ERGO-
NÓMICA COLOR ROJO ACERO
INOXIDABLE / M-F BRASS
BALL VALVE PN-30 FULL BORE
RED ERGONOMIC STAINLESS
STEEL HANDLE



WRAS
ACS
PZH

**ANTIHIELO
NOFROST**

| CÓDIGO | MEDIDA |  |  | € |
|----------|--------|---|---|-------|
| CODE | SIZE | | | € |
| 4097-010 | 3/8" | 72 | 12 | 5,04 |
| 4097-015 | 1/2" | 54 | 9 | 6,78 |
| 4097-020 | 3/4" | 36 | 9 | 9,80 |
| 4097-025 | 1" | 24 | 6 | 14,91 |
| 4097-032 | 1 1/4" | 16 | 4 | 25,05 |
| 4097-040 | 1 1/2" | 8 | 2 | 35,95 |
| 4097-050 | 2" | 12 | 2 | 57,35 |

40972



GOLD 

VÁLVULA ESFERA PN-30 M-H
PASO TOTAL PALANCA ERGO-
NÓMICA COLOR AZUL ACERO
INOXIDABLE / M-F BRASS
BALL VALVE PN-30 FULL BORE
BLUE ERGONOMIC STAINLESS
STEEL HANDLE



WRAS
ACS
PZH

**ANTIHIELO
NOFROST**

| CÓDIGO | MEDIDA |  |  | € |
|-----------|--------|--|---|-------|
| CODE | SIZE | | | € |
| 40972-010 | 3/8" | 72 | 12 | 5,04 |
| 40972-015 | 1/2" | 54 | 9 | 6,78 |
| 40972-020 | 3/4" | 36 | 9 | 9,80 |
| 40972-025 | 1" | 24 | 6 | 14,91 |
| 40972-032 | 1 1/4" | 16 | 4 | 25,05 |
| 40972-040 | 1 1/2" | 8 | 2 | 35,95 |
| 40972-050 | 2" | 12 | 2 | 57,35 |

4098



GOLD 

VÁLVULA ESFERA PN-30 M-M
PASO TOTAL PALANCA ERGO-
NÓMICA COLOR ROJO ACERO
INOXIDABLE / M-M BRASS
BALL VALVE PN-30 FULL BORE
RED ERGONOMIC STAINLESS
STEEL HANDLE



WRAS
ACS
PZH

**ANTIHIELO
NOFROST**

| CÓDIGO | MEDIDA |  |  | € |
|----------|--------|---|---|-------|
| CODE | SIZE | | | € |
| 4098-015 | 1/2" | 48 | 12 | 7,12 |
| 4098-020 | 3/4" | 36 | 9 | 10,28 |
| 4098-025 | 1" | 24 | 6 | 15,66 |
| 4098-032 | 1 1/4" | 12 | 3 | 26,29 |
| 4098-040 | 1 1/2" | 12 | 2 | 37,84 |
| 4098-050 | 2" | 12 | 2 | 60,20 |

40982



GOLD 

VÁLVULA ESFERA PN-30 M-M
PASO TOTAL PALANCA ERGO-
NÓMICA COLOR AZUL ACERO
INOXIDABLE / M-M BRASS
BALL VALVE PN-30 FULL BORE
BLUE ERGONOMIC STAINLESS
STEEL HANDLE



WRAS
ACS
PZH

**ANTIHIELO
NOFROST**

| CÓDIGO | MEDIDA |  |  | € |
|-----------|--------|--|---|-------|
| CODE | SIZE | | | € |
| 40982-015 | 1/2" | 48 | 12 | 7,12 |
| 40982-020 | 3/4" | 36 | 9 | 10,28 |
| 40982-025 | 1" | 24 | 6 | 15,66 |
| 40982-032 | 1 1/4" | 12 | 3 | 26,29 |
| 40982-040 | 1 1/2" | 12 | 2 | 37,84 |
| 40982-050 | 2" | 12 | 2 | 60,20 |



4106

GOLD 

VÁLVULA ESFERA DOS PIEZAS PN-30 M-H MANDO PALOMILLA
COLOR AZUL / M-F BALL VALVE PN-30 WITH TWO PIECES CON-
NECTOR AND BLUE BUTTERFLY HANDLE



WRAS
ACS
PZH

| CÓDIGO | MEDIDA |  |  | € |
|-----------|--------|---|---|-------|
| CODE | SIZE | | | € |
| 4106-015 | 1/2" | 54 | 9 | 11,48 |
| 4106-020 | 3/4" | 36 | 9 | 13,92 |
| 4106-025 | 1" | 24 | 6 | 20,30 |
| 4106-032* | 1 1/4" | 8 | 2 | 33,36 |
| 4106-040* | 1 1/2" | 12 | 2 | 45,42 |
| 4106-050* | 2" | 6 | 1 | 71,10 |



41062

GOLD 

VÁLVULA ESFERA DOS PIEZAS PN-30 M-H MANDO PALOMILLA
COLOR ROJO / M-F BALL VALVE PN-30 WITH TWO PIECES CON-
NECTOR AND RED BUTTERFLY HANDLE



WRAS
ACS
PZH

| CÓDIGO | MEDIDA |  |  | € |
|-----------|--------|--|---|-------|
| CODE | SIZE | | | € |
| 41062-015 | 1/2" | 54 | 9 | 11,48 |
| 41062-020 | 3/4" | 36 | 9 | 13,92 |
| 41062-025 | 1" | 24 | 6 | 20,30 |

- * Solo disponible en palanca en acero inoxidable
- * Only available stainless steel handle

4102

GOLD 

VÁLVULA ESFERA PN-30 H-H PASO TOTAL MANDO PALOMILLA
COLOR ROJO F-F BRASS BALL VALVE PN-30 FULL BORE WITH
RED BUTTERFLY HANDLE

**ANTIHELO
NOFROST**



WRAS
ACS
PZH

41022



GOLD 



VÁLVULA ESFERA PN-30 H-H PASO TOTAL MANDO PALOMILLA
COLOR AZUL F-F BRASS BALL VALVE PN-30 FULL BORE WITH
BLUE BUTTERFLY HANDLE

**ANTIHELO
NOFROST**



WRAS
ACS
PZH

| CÓDIGO | MEDIDA |  |  | € |
|----------|--------|---|---|-------|
| CODE | SIZE | | | € |
| 4102-010 | 3/8" | 72 | 12 | 5,04 |
| 4102-015 | 1/2" | 60 | 10 | 6,47 |
| 4102-020 | 3/4" | 36 | 9 | 9,30 |
| 4102-025 | 1" | 24 | 6 | 14,24 |

| CÓDIGO | MEDIDA |  |  | € |
|-----------|--------|--|---|-------|
| CODE | SIZE | | | € |
| 41022-010 | 3/8" | 72 | 12 | 5,02 |
| 41022-015 | 1/2" | 60 | 10 | 6,47 |
| 41022-020 | 3/4" | 36 | 9 | 9,30 |
| 41022-025 | 1" | 24 | 6 | 14,24 |

4103

GOLD 

VÁLVULA ESFERA PN-30 M-H PASO TOTAL MANDO PALOMILLA
COLOR ROJO M-F BRASS BALL VALVE PN-30 FULL BORE WITH
RED BUTTERFLY HANDLE

**ANTIHELO
NOFROST**



WRAS
ACS
PZH

41032



GOLD 



VÁLVULA ESFERA PN-30 M-H PASO TOTAL MANDO PALOMILLA
COLOR AZUL M-F BRASS BALL VALVE PN-30 FULL BORE WITH
BLUE BUTTERFLY HANDLE

**ANTIHELO
NOFROST**



WRAS
ACS
PZH

| CÓDIGO | MEDIDA |  |  | € |
|----------|--------|---|---|-------|
| CODE | SIZE | | | € |
| 4103-008 | 1/4" | 72 | 12 | 5,59 |
| 4103-010 | 3/8" | 72 | 12 | 5,59 |
| 4103-015 | 1/2" | 60 | 10 | 6,87 |
| 4103-020 | 3/4" | 36 | 9 | 10,12 |
| 4103-025 | 1" | 24 | 6 | 15,61 |

| CÓDIGO | MEDIDA |  |  | € |
|-----------|--------|--|---|-------|
| CODE | SIZE | | | € |
| 41032-008 | 1/4" | 72 | 12 | 5,59 |
| 41032-010 | 3/8" | 72 | 12 | 5,59 |
| 41032-015 | 1/2" | 60 | 10 | 6,87 |
| 41032-020 | 3/4" | 36 | 9 | 10,12 |
| 41032-025 | 1" | 24 | 6 | 15,61 |

4100



VÁLVULA ESFERA PN-30 PALANCA INOX. COLOR ROJO CON CONEXIÓN PE BALL VALVE PN-30 RED S.S. HANDLE WITH CONNECTIONS PE



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|----|---|--------|
| 4100-020 | 20 | 24 | 6 | 16,30 |
| 4100-025 | 25 | 16 | 4 | 23,96 |
| 4100-032 | 32 | 12 | 3 | 34,73 |

4101



VÁLVULA ESFERA PN-30 PALANCA INOX. COLOR ROJO CON CONEXIÓN PE-H BALL VALVE PN-30 RED S.S. HANDLE WITH CONNECTIONS PE-H



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|----|---|--------|
| 4101-01520 | 1/2" x 20 | 32 | 8 | 12,93 |
| 4101-02025 | 3/4" x 25 | 24 | 6 | 18,82 |
| 4101-02532 | 1" x 32 | 16 | 4 | 27,68 |

40642



VÁLVULA ESFERA CONEXIÓN MULTICAPA PRENSAR CON PALANCA COLOR ROJO DE ACERO INOXIDABLE / MULTILAYER PRESS BALL VALVE WITH RED STAINLESS STEEL HANDLE

NEW



| CÓDIGO CODE | MEDIDA SIZE | ESPELOR THICKNESS | | | € € |
|----------------|----------------|----------------------|----|---|--------|
| 40642-016 | 16 | 2.0 | 32 | 8 | 11,07 |
| 40642-020 | 20 | 2.0 | 32 | 8 | 12,03 |
| 40642-025 | 25 | 2.5 | 16 | 4 | 14,46 |
| 40642-026 | 26 | 3.0 | 16 | 4 | 14,62 |
| 40642-032 | 32 | 3.0 | 16 | 4 | 21,28 |

41642



VÁLVULA ESFERA CONEXIÓN MULTICAPA PRENSAR CON MANDO PALOMILLA COLOR ROJO / MULTILAYER PRESS BALL VALVE WITH RED BUTTERFLY HANDLE

NEW



| CÓDIGO CODE | MEDIDA SIZE | ESPELOR THICKNESS | | | € € |
|----------------|----------------|----------------------|----|----|--------|
| 41642-016 | 16 | 2.0 | 48 | 12 | 11,19 |
| 41642-020 | 20 | 2.0 | 48 | 12 | 12,26 |
| 41642-025 | 25 | 2.5 | 28 | 7 | 14,64 |
| 41642-026 | 26 | 3.0 | 28 | 7 | 14,73 |
| 41642-032 | 32 | 3.0 | 16 | 4 | 21,49 |

4099



VÁLVULA ESFERA H-H DOBLE TOMA CON PURGA PALANCA
DE ACERO INOXIDABLE F-F BALL VALVE WITH DOUBLE OUTLET
STAINLESS STEEL HANDLE



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 4099-015 | 1/2" | 20 | 5 | 8,48 |
| 4099-020 | 3/4" | 16 | 4 | 12,33 |
| 4099-025 | 1" | 12 | 3 | 16,47 |
| 4099-032 | 1 1/4" | 12 | 2 | 25,33 |
| 4099-040 | 1 1/2" | 12 | 2 | 38,81 |

4105



VÁLVULA ESFERA CUADRADILLO H-H
F-F BALL VALVE SQUARE HANDLE



| CÓDIGO | MEDIDA | | | € |
|------------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 4105-015* | 1/2" | 60 | 10 | 7,93 |
| 4105-020* | 3/4" | 36 | 9 | 10,70 |
| 4105-025* | 1" | 24 | 6 | 14,13 |
| 4105-032* | 1 1/4" | 16 | 4 | 24,84 |
| 4105-040** | 1 1/2" | 8 | 2 | 33,39 |
| 4105-050** | 2" | 8 | 1 | 52,78 |

*Cuadrillo 20mm. / **Cuadrillo 24,5mm.
*Square handle 20mm. / **Square handle 24,5mm.

4124



VÁLVULA ESFERA CUADRADILLO H-H (27mm.)
F-F BALL VALVE SQUARE HANDLE (27mm.)



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 4124-015 | 1/2" | 48 | 12 | 10,29 |
| 4124-020 | 3/4" | 36 | 9 | 12,04 |
| 4124-025 | 1" | 24 | 6 | 16,15 |
| 4124-032 | 1 1/4" | 16 | 4 | 23,04 |
| 4124-040 | 1 1/2" | 8 | 2 | 33,66 |
| 4124-050 | 2" | 8 | 1 | 50,41 |

493080



RECAMBIO - MANETA ACERO INOXIDABLE COLOR AZUL PARA
VÁLVULA PN-30 / SPARE PART STAINLESS STEEL BLUE HANDLE
FOR PN-30 BALL VALVE



| CÓDIGO | MEDIDA | | | € |
|-------------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 493080-0815 | 1/4" | 210 | 35 | 1,28 |
| | 3/8" | 210 | 35 | |
| 493080-0020 | 1/2" | 210 | 35 | 1,46 |
| | 3/4" | 240 | 60 | |
| 493080-0025 | 1" | 180 | 45 | 2,10 |
| 493080-0032 | 1 1/4" | 80 | 20 | 3,32 |
| 493080-0040 | 1 1/2" | 72 | 18 | 4,77 |
| 493080-0050 | 2" | 180 | 30 | 5,01 |

493082

GOLD / **INOX** **R**



RECAMBIO - MANETA ACERO INOXIDABLE COLOR ROJO PARA VÁLVULA PN-30 / SPARE PART - STAINLESS STEEL RED HANDLE FOR PN-30 BALL VALVE



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|-----|----|--------|
| | 1/4" | 210 | 35 | |
| 493082-0815 | 3/8" | 210 | 35 | 1,28 |
| | 1/2" | 210 | 35 | |
| 493082-0020 | 3/4" | 240 | 60 | 1,46 |
| 493082-0025 | 1" | 180 | 45 | 2,10 |
| 493082-0032 | 1 1/4" | 80 | 20 | 3,32 |
| 493082-0040 | 1 1/2" | 72 | 18 | 4,77 |
| 493082-0050 | 2" | 120 | 30 | 5,01 |

4221

VÁLVULA ESFERA EMPOTRAR PN-30 TERMINAL SOLDAR "CARLA" LONG NECK SOLDER BALL VALVE PN-30 'CARLA' TYPE



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|----|----|--------|
| 4221-015 | 15 | 40 | 10 | 9,06 |
| 4221-018 | 18 | 40 | 10 | 9,20 |
| 4221-022 | 22 | 32 | 8 | 11,70 |

- Lado del cuadradillo 8x8mm. en todas las dimensiones
Side of square 8x8mm. in all dimensions

4222



VÁLVULA ESFERA EMPOTRAR H-H PN-30 "CARLA" ROSCAR LONG NECK BALL VALVE F-F PN-30 'CARLA' TYPE, THREADED



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|----|----|--------|
| 4222-015 | 1/2" | 48 | 12 | 9,23 |
| 4222-020 | 3/4" | 32 | 8 | 13,01 |
| 4222-025 | 1" | 24 | 6 | 17,90 |

- Lado del cuadradillo 8x8mm. en todas las dimensiones
Side of square 8x8mm. in all dimensions

42642



VÁLVULA ESFERA EMPOTRAR CONEXIÓN MULTICAPA PENSAR LONG NECK MULTILAYER BALL VALVE

NEW



| CÓDIGO CODE | MEDIDA SIZE | ESPESOR THICKNESS | | | € € |
|----------------|----------------|----------------------|----|---|--------|
| 42642-016 | 16 | 2.0 | 32 | 8 | 11,83 |
| 42642-020 | 20 | 2.0 | 32 | 8 | 12,50 |
| 42642-025 | 25 | 2.5 | 24 | 6 | 17,17 |
| 42642-026 | 26 | 3.0 | 24 | 6 | 17,26 |
| 42642-032 | 32 | 3.0 | 12 | 3 | 24,72 |

4230



ALARGADERA PARA VÁLVULA "CARLA"
ELONGATION FOR 'CARLA' VALVES



| CÓDIGO | MEDIDA | | | € |
|---------|--------|------|-----|------|
| CODE | SIZE | | | € |
| 4230-01 | - | 2000 | 100 | 2,58 |

- Lado del cuadradillo 8x8mm. en todas las dimensiones
Side of square 8x8mm. in all dimensions

4224



MANETA Y FLORÓN PARA "CARLA"
HANDLE LONG NECK VALVE M TYPE 'CARLA'



| CÓDIGO | MEDIDA | | | € |
|---------|--------|----|---|------|
| CODE | SIZE | | | € |
| 4224-01 | M | 32 | 8 | 5,08 |

- Maneta para lado del cuadradillo 8x8mm.
Handle for 8x8mm. side square

4225



MANDO REDONDO Y FLORÓN PARA "CARLA"
HANDLE LONG NECK VALVES R TYPE 'CARLA'



| CÓDIGO | MEDIDA | | | € |
|---------|--------|----|---|------|
| CODE | SIZE | | | € |
| 4225-01 | R | 32 | 8 | 5,32 |

- Maneta para lado del cuadradillo 8x8mm.
Handle for 8x8mm. side square

4226



MANDO OCULTO Y FLORÓN PARA "CARLA"
HANDLE LONG NECK VALVES 'O' TYPE 'CARLA'



| CÓDIGO | MEDIDA | | | € |
|---------|--------|----|---|------|
| CODE | SIZE | | | € |
| 4226-01 | O | 36 | 9 | 4,55 |

- Maneta para lado del cuadradillo 8x8mm.
Handle for 8x8mm. side square

SILVER SERIES



PN25
VÁLVULA DE BOLA
BALL VALVE

ANTI CORROSIÓN

ANTI RUST



- Latón CW617N
- Nueva maneta negra ergonómica con recubrimiento de alta resistencia frente a la corrosión.
- -20°C / 120°C
- Brass CW617N
- New ergonomic black handle with high protection coating from corrosion.
- -20°C / 120°C



LEYENDA DE ICONOS ICON KEY

Posibles codificaciones aplicadas en esta sección.

Possible encodings applied in this section.



CERTIFICADOS DE PRODUCTO
PRODUCT CERTIFICATES



Código de barras EAN
EAN bar code

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES



4091

SILVER 

VÁLVULA ESFERA PN-25 M-H
PALANCA ERGONÓMICA
COLOR AZUL EN ACERO AL
CARBONO CON RECUBRI-
MIENTO ANTICORROSIÓN
M-F BRASS BALL VALVE PN-25
BLUE ERGONOMIC CARBON
STEEL HANDLE WITH ANTI-
CORROSION COATING



ACS
PZH

| CÓDIGO | MEDIDA |  |  | € |
|----------|--------|---|---|-------|
| CODE | SIZE | | | € |
| 4091-015 | 1/2" | 54 | 9 | 4,96 |
| 4091-020 | 3/4" | 42 | 7 | 6,84 |
| 4091-025 | 1" | 24 | 6 | 10,74 |
| 4091-032 | 1 1/4" | 16 | 4 | 18,62 |
| 4091-040 | 1 1/2" | 8 | 2 | 25,66 |
| 4091-050 | 2" | 12 | 2 | 37,76 |



40912

SILVER 

VÁLVULA ESFERA PN-25 M-H
PALANCA ERGONÓMICA
COLOR ROJO EN ACERO AL
CARBONO CON RECUBRI-
MIENTO ANTICORROSIÓN
M-F BRASS BALL VALVE PN-25
RED ERGONOMIC CARBON
STEEL HANDLE WITH ANTI-
CORROSION COATING



ACS
PZH

| CÓDIGO | MEDIDA |  |  | € |
|-----------|--------|--|---|-------|
| CODE | SIZE | | | € |
| 40912-015 | 1/2" | 54 | 9 | 4,96 |
| 40912-020 | 3/4" | 42 | 7 | 6,84 |
| 40912-025 | 1" | 24 | 6 | 10,74 |
| 40912-032 | 1 1/4" | 16 | 4 | 18,62 |
| 40912-040 | 1 1/2" | 8 | 2 | 25,66 |
| 40912-050 | 2" | 12 | 2 | 37,76 |



4092

SILVER 

VÁLVULA ESFERA PN-25 H-H
PALANCA ERGONÓMICA
COLOR AZUL EN ACERO AL
CARBONO CON RECUBRI-
MIENTO ANTICORROSIÓN
F-F BRASS BALL VALVE PN-25
BLUE ERGONOMIC CARBON
STEEL HANDLE WITH ANTI-
CORROSION COATING



ACS
PZH

| CÓDIGO | MEDIDA |  |  | € |
|-----------|--------|---|---|--------|
| CODE | SIZE | | | € |
| 4092-015 | 1/2" | 54 | 9 | 4,62 |
| 4092-020 | 3/4" | 42 | 7 | 6,38 |
| 4092-025 | 1" | 24 | 6 | 10,04 |
| 4092-032 | 1 1/4" | 16 | 4 | 17,40 |
| 4092-040 | 1 1/2" | 8 | 2 | 23,98 |
| 4092-050 | 2" | 12 | 2 | 35,30 |
| 4092-065* | 2 1/2" | 12 | 1 | 77,72 |
| 4092-080* | 3" | 6 | 1 | 112,02 |
| 4092-100* | 4" | 4 | 1 | 187,78 |

* Próximamente disponible en palanca con recubrimien-
to anticorrosión Coming soon in handle with anticorro-
sion coating

- Recambio maneta disponible
Spare part handle available



40922

SILVER 

VÁLVULA ESFERA PN-25 H-H
PALANCA ERGONÓMICA
COLOR ROJO EN ACERO AL
CARBONO CON RECUBRI-
MIENTO ANTICORROSIÓN
F-F BRASS BALL VALVE PN-25
RED ERGONOMIC CARBON
STEEL HANDLE WITH ANTI-
CORROSION COATING



ACS
PZH

| CÓDIGO | MEDIDA |  |  | € |
|------------|--------|--|---|--------|
| CODE | SIZE | | | € |
| 40922-015 | 1/2" | 54 | 9 | 4,62 |
| 40922-020 | 3/4" | 42 | 7 | 6,38 |
| 40922-025 | 1" | 24 | 6 | 10,04 |
| 40922-032 | 1 1/4" | 16 | 4 | 17,40 |
| 40922-040 | 1 1/2" | 8 | 2 | 23,98 |
| 40922-050 | 2" | 12 | 2 | 35,30 |
| 40922-065* | 2 1/2" | 12 | 1 | 77,72 |
| 40922-080* | 3" | 6 | 1 | 112,02 |
| 40922-100* | 4" | 4 | 1 | 187,78 |

* Próximamente disponible en palanca con recubrimien-
to anticorrosión Coming soon in handle with anticorro-
sion coating

- Recambio maneta disponible
Spare part handle available

4093

SILVER



VÁLVULA ESFERA PN-25 H-H
MANDO PALOMILLA COLOR
AZUL
F-F BALL VALVE PN-25 WITH
BLUE BUTTERFLY HANDLE



ACS

PZH

| CÓDIGO | MEDIDA | € | | € |
|----------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 4093-015 | 1/2" | 60 | 10 | 4,67 |
| 4093-020 | 3/4" | 48 | 8 | 6,78 |
| 4093-025 | 1" | 24 | 6 | 10,70 |

40932

SILVER



VÁLVULA ESFERA PN-25 H-H
MANDO PALOMILLA COLOR
ROJO
F-F BALL VALVE PN-25 WITH
RED BUTTERFLY HANDLE



ACS

PZH

| CÓDIGO | MEDIDA | € | | € |
|-----------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 40932-015 | 1/2" | 60 | 10 | 4,67 |
| 40932-020 | 3/4" | 48 | 8 | 6,78 |
| 40932-025 | 1" | 24 | 6 | 10,70 |

4094

SILVER



VÁLVULA ESFERA PN-25 M-H
MANDO PALOMILLA COLOR
AZUL
M-F BALL VALVE PN-25 WITH
BLUE BUTTERFLY HANDLE



ACS

PZH

| CÓDIGO | MEDIDA | € | | € |
|----------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 4094-015 | 1/2" | 60 | 10 | 5,24 |
| 4094-020 | 3/4" | 48 | 8 | 7,06 |
| 4094-025 | 1" | 24 | 6 | 10,92 |

40942

SILVER



VÁLVULA ESFERA PN-25 M-H
MANDO PALOMILLA COLOR
ROJO
M-F BALL VALVE PN-25 WITH
RED BUTTERFLY HANDLE



ACS

PZH



| CÓDIGO | MEDIDA | € | | € |
|-----------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 40942-015 | 1/2" | 60 | 10 | 5,24 |
| 40942-020 | 3/4" | 48 | 8 | 7,06 |
| 40942-025 | 1" | 24 | 6 | 10,92 |

492550

SILVER **R**

RECAMBIO - MANETA COLOR AZUL PARA VÁLVULA PN-25
SPARE PART - BLUE HANDLE FOR PN-25 BALL VALVE





| CÓDIGO CODE | MEDIDA SIZE |  |  | € € |
|----------------|----------------|---|---|--------|
| | 1/4" | 180 | 30 | |
| | 3/8" | 180 | 30 | |
| 492550-0820 | 1/2" | 180 | 30 | 1,04 |
| | 3/4" | 180 | 30 | |
| 492550-0025 | 1" | 140 | 35 | 1,59 |
| 492550-0032 | 1 1/4" | 80 | 20 | 2,17 |
| 492550-0040 | 1 1/2" | 80 | 20 | 3,02 |
| 492550-0050 | 2" | 120 | 20 | 3,76 |

492552

SILVER **R**

RECAMBIO - MANETA COLOR ROJO PARA VÁLVULA PN-25
SPARE PART - RED HANDLE FOR PN-25 BALL VALVE



| CÓDIGO CODE | MEDIDA SIZE |  |  | € € |
|----------------|----------------|--|---|--------|
| | 1/4" | 180 | 30 | |
| | 3/8" | 180 | 30 | |
| 492552-0820 | 1/2" | 180 | 30 | 1,04 |
| | 3/4" | 180 | 30 | |
| 492552-0025 | 1" | 140 | 35 | 1,59 |
| 492552-0032 | 1 1/4" | 80 | 20 | 2,17 |
| 492552-0040 | 1 1/2" | 80 | 20 | 3,02 |
| 492552-0050 | 2" | 120 | 20 | 3,76 |

MATERIALES:

Cuerpo latón cromado CW617N según UNE-EN-12165

COMPONENTS:

Body chrome plated brass CW617N according EN-12165

SERIES

PLATINUM

GOLD

SILVER

GRIFOS

BIBCOCK RANGE



CARACTERÍSTICAS:

Roscas según ISO 228/1 (DIN259)

FEATURES:

Threads according to ISO 228/1 (DIN259)



Palanca ergonómica
Ergonomic handle

Sistema antihielo
Nofrost system

Presión nominal:
16 Bar

Nominal pressure:
16 Bar

Límites de temperatura:
de -20 °C a 90 °C

Temperature limit from
-20 °C to 90 °C

Conexiones
a roscas
de ½", ¾" y 1"
Threads
connections
of ½", ¾" and 1"

LEYENDA DE ICONOS

ICON KEY

Posibles codificaciones
aplicadas en esta sección.

Possible encodings applied
in this section.



Antihielo
Nofrost
system



Inoxidable
Stainless steel



Código de
barras EAN
EAN bar code



Cierre de
Seguridad
Locking Device

PROPIEDADES DE PRODUCTO

PRODUCT PROPERTIES

4125

PLATINUM



GRIFO ESFERA JARDÍN PESADO PN-16 PALANCA ACERO INOXIDABLE COLOR NEGRO CON RACOR MANGUERA HEAVY BRASS BALL BIBCOCK GARDEN PN-16 WITH STAINLESS STEEL BLACK HANDLE AND HOSE CONNECTOR

ANTIHIELO NOFROST



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|---|-------|
| CODE | SIZE | | | € |
| 4125-01520 | 1/2" x 3/4" | 36 | 9 | 9,16 |
| 4125-02025 | 3/4" x 1" | 16 | 4 | 11,17 |
| 4125-02532 | 1" x 1 1/4" | 12 | 3 | 14,78 |

4111

GOLD



GRIFO ESFERA JARDÍN PN-16 CON RACOR MANGUERA BRASS BALL BIBCOCK GARDEN PN-16 WITH HOSE CONNECTOR

ANTIHIELO NOFROST



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|---|-------|
| CODE | SIZE | | | € |
| 4111-01520 | 1/2" x 3/4" | 36 | 9 | 6,12 |
| 4111-02020 | 3/4" x 3/4" | 32 | 8 | 8,45 |
| 4111-02025 | 3/4" x 1" | 24 | 6 | 9,39 |
| 4111-02532 | 1" x 1 1/4" | 12 | 3 | 12,21 |

4142

GOLD



GRIFO ESFERA JARDÍN PN-16 ENCHUFE RÁPIDO BRASS BALL BIBCOCK GARDEN PN-16 QUICK FEMALE CONNECTOR

ANTIHIELO NOFROST



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|---|-------|
| CODE | SIZE | | | € |
| 4142-01520 | 1/2" x 3/4" | 36 | 9 | 6,65 |
| 4142-02025 | 3/4" x 1" | 24 | 6 | 10,50 |
| 4142-02532 | 1" x 1 1/4" | 12 | 3 | 12,46 |

4144

GOLD



GRIFO ESFERA JARDÍN PN-16 CON PALANCA DE ACERO INOXIDABLE CON RACOR MANGUERA BRASS BALL BIBCOCK GARDEN PN-16 WITH STAINLESS STEEL HANDLE AND HOSE CONNECTOR

ANTIHIELO NOFROST



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|---|-------|
| CODE | SIZE | | | € |
| 4144-01520 | 1/2" x 3/4" | 36 | 9 | 8,49 |
| 4144-02025 | 3/4" x 1" | 24 | 6 | 10,21 |
| 4144-02532 | 1" x 1 1/4" | 12 | 3 | 12,57 |

4123

GOLD [*] [] []

GRIFO ESFERA JARDÍN PN-16 PALANCA ACERO INOXIDABLE COLOR NEGRO Y ENCHUFE RÁPIDO BRASS BALL BIBCOCK GARDEN PN-16 STAINLESS STEEL BLACK HANDLE AND QUICK FEMALE CONNECTOR

ANTIHIELO NOFROST



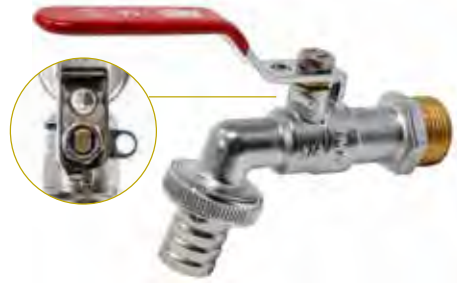
| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|---|-------|
| CODE | SIZE | | | € |
| 4123-01520 | 1/2" x 3/4" | 36 | 9 | 8,57 |
| 4123-02025 | 3/4" x 1" | 24 | 6 | 10,47 |
| 4123-02532 | 1" x 1 1/4" | 12 | 3 | 12,61 |

4147

GOLD [] [*] []

GRIFO ESFERA JARDÍN PN-16 PALANCA CROMADA CON CIERRE DE SEGURIDAD Y RACOR MANGUERA BRASS BALL BIBCOCK GARDEN PN-16 CHROME HANDLE WITH LOCKING DEVICE AND HOSE CONNECTOR

ANTIHIELO NOFROST



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|----|-------|
| CODE | SIZE | | | € |
| 4147-01520 | 1/2" x 3/4" | 40 | 10 | 6,30 |
| 4147-02025 | 3/4" x 1" | 24 | 6 | 9,52 |
| 4147-02532 | 1" x 1 1/4" | 12 | 3 | 12,29 |

- Candado no incluido
Lock not included

4146

SILVER [] [] []

GRIFO ESFERA JARDÍN PN-16 CON RACOR MANGUERA MODELO EXPORT BRASS BALL BIBCOCK GARDEN PN-16 WITH HOSE CONNECTOR EXPORT TYPE



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|---|------|
| CODE | SIZE | | | € |
| 4146-01520 | 1/2" x 3/4" | 36 | 9 | 5,33 |
| 4146-02020 | 3/4" x 3/4" | 32 | 8 | 7,17 |
| 4146-02025 | 3/4" x 1" | 24 | 6 | 7,56 |

4143

SILVER [] [] []

GRIFO ESFERA JARDÍN PN-16 CON ENCHUFE RÁPIDO MODELO EXPORT BRASS BALL BIBCOCK GARDEN PN-16 WITH QUICK FEMALE CONNECTOR EXPORT TYPE



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|---|------|
| CODE | SIZE | | | € |
| 4143-01520 | 1/2" x 3/4" | 36 | 9 | 5,88 |
| 4143-02025 | 3/4" x 1" | 24 | 6 | 8,77 |

4145



GRIFO JARDÍN DE LATÓN PN-10 ENCHUFE MANGUERA
BRASS BIBCOCK GARDEN PN-10 HOSE CONNECTOR



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|----|-------|
| CODE | SIZE | | | € |
| 4145-01520 | 1/2" x 3/4" | 40 | 10 | 10,47 |
| 4145-02020 | 3/4" x 3/4" | 24 | 6 | 14,08 |
| 4145-02025 | 3/4" x 1" | 24 | 6 | 15,40 |

4148



GRIFO ESFERA JARDÍN PN-16 DOS SALIDAS PALANCA CROMADA CON ENCHUFE RÁPIDO
BRASS BALL BIBCOCK GARDEN TWO OUTLETS PN-16 CHROME HANDLE WITH QUICK FEMALE CONNECTOR



| CÓDIGO | MEDIDA | | | € |
|--------------|--------------------|----|---|-------|
| CODE | SIZE | | | € |
| 4148-0152020 | 1/2" x 3/4" x 3/4" | 32 | 8 | 11,17 |

4149



VÁLVULA ESFERA PN-16 BARRIL PALANCA ALUMINIO
BARRELL BALL VALVE WITH ALUMINIUM HANDLE PN-16



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 4149-010 | 3/8" | 40 | 10 | 5,73 |
| 4149-015 | 1/2" | 40 | 10 | 5,89 |
| 4149-020 | 3/4" | 24 | 6 | 7,35 |
| 4149-025 | 1" | 16 | 4 | 16,05 |

4141



VÁLVULA ESFERA PN-16 BARRIL PALOMILLA
BARRELL BALL VALVE PN-16



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|---|------|
| CODE | SIZE | | | € |
| 4141-01515 | 1/2" x 1/2" | 42 | 2 | 5,95 |
| 4141-02020 | 3/4" x 3/4" | 30 | 2 | 7,50 |

4122



RACOR MANGUERA HEMBRA
TAP FEMALE HOSE CONNECTOR



| CÓDIGO | MEDIDA | | | € |
|----------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 4122-020 | 3/4" | 320 | 80 | 1,18 |
| 4122-025 | 1" | 200 | 50 | 1,43 |
| 4122-032 | 1 1/4" | 100 | 25 | 1,73 |

4121



RACOR HEMBRA ENCHUFE RÁPIDO
QUICK FEMALE CONNECTOR



| CÓDIGO | MEDIDA | | | € |
|----------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 4121-020 | 3/4" | 320 | 80 | 1,68 |
| 4121-025 | 1" | 200 | 50 | 2,57 |
| 4121-032 | 1 1/4" | 100 | 25 | 3,81 |

0921



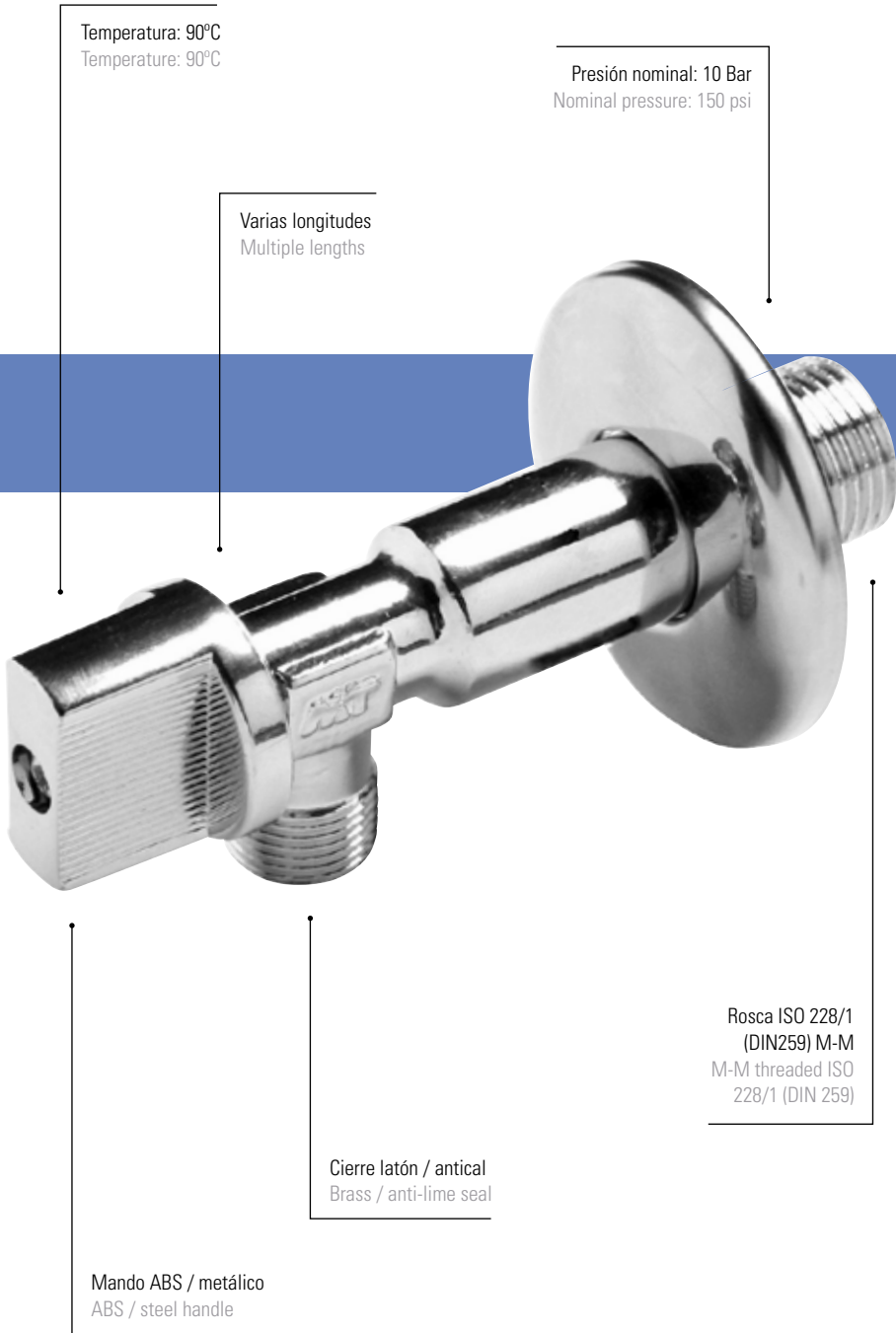
GRIFO ESFERA JARDÍN INOXIDABLE PN-16 CON RACOR MANGUERA
STAINLESS STEEL BIBCOCK GARDEN PN-16 WITH HOSE CONNECTOR

INOX



| CÓDIGO | MEDIDA | | | € |
|----------|-------------|----|----|-----------|
| CODE | SIZE | | | € |
| 0921-015 | 1/2" x 3/4" | 30 | 15 | Consultar |
| 0921-020 | 3/4" x 3/4" | 20 | 10 | Consultar |
| 0921-025 | 1" x 1" | 10 | 5 | Consultar |

- Condiciones válvulas acero inoxidable catálogo industrial
Conditions stainless steel valves industrial catalog



Temperatura: 90°C
Temperature: 90°C

Presión nominal: 10 Bar
Nominal pressure: 150 psi

Varias longitudes
Multiple lengths

Rosca ISO 228/1
(DIN259) M-M
M-M threaded ISO
228/1 (DIN 259)

Cierre latón / antical
Brass / anti-lime seal

Mando ABS / metálico
ABS / steel handle

VÁLVULAS DE ESCUADRA

ANGLE VALVES



MATERIALES:

Cuerpo latón cromado según CW617N
UNE-EN-12165
Rosca ISO 228/1 (DIN 259) M/M
Florón y filtro de acero inoxidable.

CARACTERÍSTICAS:

Empaquetadura de eje
Cierre rápido (¼ de vuelta)
Mecanismo de cierre latón CW614N UNE-EN-12165
Mecanismo de cierre plástico para escuadras antical.
Cierre esférico.

COMPONENTS:

Body chromed plated brass according CW617N
UNE-EN-12165
Threaded ISO 228/1 (DIN 259) M/M
Stainless steel cover plate and strainer.

FEATURES:

Packing gland in the stem
Fast close (¼ turn)
Open and close device made in brass CW614N UNE-EN-12165
Open and close device made in plastic for anti-lime square valves.
Spherical locking.

LEYENDA DE ICONOS ICON KEY

Posibles codificaciones aplicadas en esta sección.

Possible encodings applied in this section.



Código de barras EAN
EAN bar code

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES

4404



VÁLVULA ESCUADRA CON FILTRO
ANGLE BALL VALVE WITH FILTER



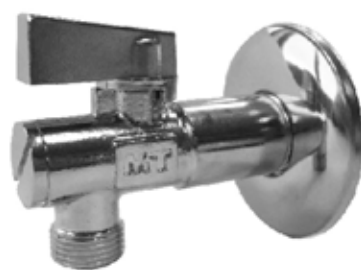
| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|----|------|
| CODE | SIZE | | | € |
| 4404-01510 | 1/2" x 3/8" | 60 | 15 | 4,13 |
| 4404-01515 | 1/2" x 1/2" | 60 | 15 | 4,27 |

- Longitud 58,5mm.
Length 58,5mm.

4405



VÁLVULA ESCUADRA LARGA CON FILTRO
LONG ANGLE VALVE WITH FILTER



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|----|------|
| CODE | SIZE | | | € |
| 4405-01510 | 1/2" x 3/8" | 60 | 15 | 5,36 |
| 4405-01520 | 1/2" x 3/4" | 60 | 15 | 6,74 |

- Longitud 72mm.
Length 72mm.

4411



VÁLVULA ESCUADRA MODELO EXPORT
ANGLE BALL VALVE MODEL EXPORT



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|----|------|
| CODE | SIZE | | | € |
| 4411-01510 | 1/2" x 3/8" | 60 | 15 | 3,09 |
| 4411-01515 | 1/2" x 1/2" | 60 | 15 | 3,21 |

- Longitud 73,5mm.
Length 73,5mm.

4402



VÁLVULA ESCUADRA
ANGLE VALVE



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|----|------|
| CODE | SIZE | | | € |
| 4402-01510 | 1/2" x 3/8" | 60 | 15 | 3,37 |
| 4402-01515 | 1/2" x 1/2" | 60 | 15 | 3,49 |
| 4402-01520 | 1/2" x 3/4" | 60 | 15 | 4,38 |

- Longitud 79,5mm
Length 79,5mm.

4422

ANTI CAL / LIME



VÁLVULA ESCUADRA ANTICAL CON MANDO METÁLICO
ANTI-LIME ANGLE VALVE WITH METAL HANDLE



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|----|------|
| CODE | SIZE | | | € |
| 4422-01510 | 1/2" x 3/8" | 60 | 15 | 4,11 |

- Longitud 79,5mm.
Length 79,5mm.

4406



VÁLVULA ESCUADRA LARGA
LONG ANGLE VALVE



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|----|------|
| CODE | SIZE | | | € |
| 4406-01510 | 1/2" x 3/8" | 60 | 15 | 3,86 |

- Longitud 95mm.
Length 95mm.

4426

ANTI CAL / LIME



VÁLVULA ESCUADRA LARGA ANTICAL CON MANDO METÁLICO
ANTI-LIME LONG ANGLE VALVE WITH METAL HANDLE



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|----|------|
| CODE | SIZE | | | € |
| 4426-01510 | 1/2" x 3/8" | 60 | 15 | 4,77 |

- Longitud 95mm.
Length 95mm.

4409



VÁLVULA DE ESCUADRA MODELO "DECO"
CON MANDO REDONDO
ANGLE VALVE "DECO" TYPE ROUND HANDLE



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|---|-------|
| CODE | SIZE | | | € |
| 4409-01510 | 1/2" x 3/8" | 45 | 1 | 10,59 |
| 4409-01515 | 1/2" x 1/2" | 45 | 1 | 10,70 |

- Cierre cerámico antical
Anti-lime ceramic seal

4410



VÁLVULA DE ESCUADRA MODELO "DECO"
CON MANDO CUADRADO
ANGLE VALVE 'DECO' TYPE SQUARE HANDLE



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|---|-------|
| CODE | SIZE | | | € |
| 4410-01510 | 1/2" x 3/8" | 45 | 1 | 11,72 |
| 4410-01515 | 1/2" x 1/2" | 45 | 1 | 11,88 |

- Cierre cerámico antical
Anti-lime ceramic seal

4400



GRIFO LAVADORA
WASHING MACHINE VALVE



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|----|------|
| CODE | SIZE | | | € |
| 4400-01520 | 1/2" x 3/4" | 60 | 15 | 4,23 |

4401



GRIFO LAVADORA TIPO "M"
WASHING MACHINE VALVE 'M' TYPE



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|----|------|
| CODE | SIZE | | | € |
| 4401-01520 | 1/2" x 3/4" | 48 | 12 | 4,40 |

- Longitud 82mm.
Length 82mm.

4434



GRIFO LAVADORA SIMPLE CON MANDO METÁLICO
SIMPLE WASHING MACHINE VALVE WITH METALIC HANDLE



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|----|---|-------|
| CODE | SIZE | | | € |
| 4434-01520 | 1/2" x 3/4" | 32 | 8 | 12,02 |

4435



GRIFO LAVADORA DOBLE CON MANDO METÁLICO
DOUBLE WASHING MACHINE VALVE WITH METALIC HANDLE



| CÓDIGO | MEDIDA | | | € |
|--------------|--------------------|----|---|-------|
| CODE | SIZE | | | € |
| 4435-0152020 | 1/2" x 3/4" x 3/4" | 20 | 1 | 22,12 |

4407



VÁLVULA MIXTA LAVADORA LAVABO
WASHING MACHINE WASHBASIN MIXED VALVE



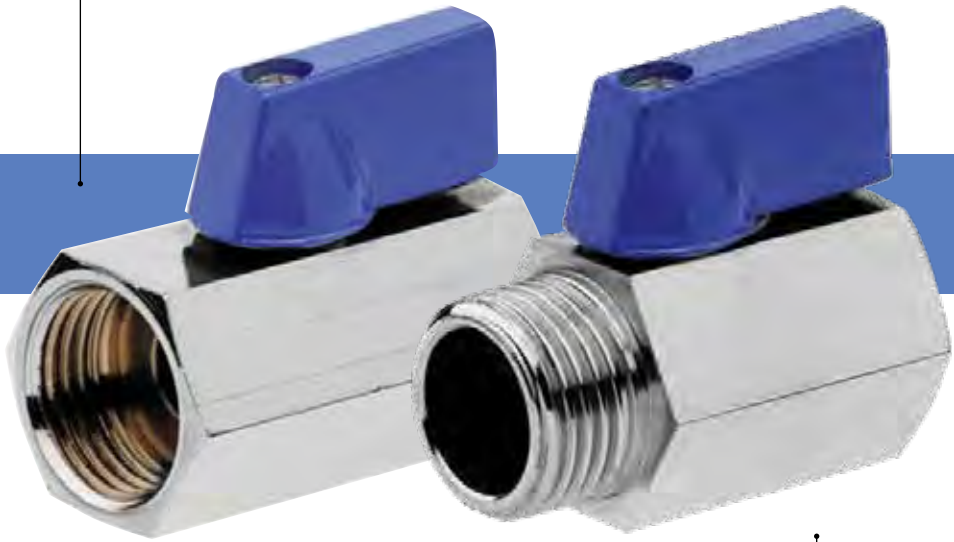
| CÓDIGO | MEDIDA | | | € |
|------------|--------------------|----|---|-------|
| CODE | SIZE | | | € |
| 4407-01520 | 1/2" x 3/4" x 3/8" | 28 | 7 | 11,30 |

LÍMITES TÉCNICOS:

Límites de temperatura:
de -20 °C a 100 °C
Presión nominal:
16 Bar (250 psi)

APLICACIONES

Garantizadas para el uso en
instalaciones en agua fría,
caliente y aire comprimido.



TECHNICAL LIMITS:

Temperature limit from
-20 °C to 100 °C
Nominal pressure:
16 Bar (250 psi)

APPLICATIONS

Guaranteed to be used in
the following installations:
Cold water, hot water and
compressed air.

OTRAS VÁLVULAS

OTHER VALVES



LEYENDA DE ICONOS ICON KEY

Posibles codificaciones
aplicadas en esta sección.

Possible encodings applied
in this section.

ACS



CERTIFICADOS DE PRODUCTO
PRODUCT CERTIFICATES

INOX



R

Inoxidable Código de barras EAN Recambios
Stainless steel EAN bar code Spare parts

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES

4107



VÁLVULA ESFERA SOLDAR PN-30 PALANCA EN ACERO CROMADO
SOLDER END BALL VALVE PN-30 WITH CHROMED STEEL HANDLE



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 4107-015 | 15 | 48 | 8 | 5,60 |
| 4107-018 | 18 | 48 | 8 | 5,82 |
| 4107-022 | 22 | 36 | 6 | 8,74 |
| 4107-028 | 28 | 16 | 4 | 13,01 |
| 4107-035 | 35 | 12 | 2 | 22,44 |
| 4107-042 | 42 | 12 | 2 | 33,40 |
| 4107-054* | 54 | 6 | 1 | 44,36 |

- * Disponible hasta agotar existencias
*While stocks lasts

4108



VÁLVULA ESFERA SOLDAR PN-30 MANDO PALOMILLA
SOLDER END BALL VALVE PN-30 BUTTERFLY HANDLE



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 4108-015 | 15 | 54 | 9 | 5,38 |
| 4108-018 | 18 | 54 | 9 | 5,55 |
| 4108-022 | 22 | 42 | 7 | 8,28 |
| 4108-028 | 28 | 20 | 5 | 13,13 |

4109



VÁLVULA ESFERA MINI PN-16 H-H
MANDO METÁLICO COLOR ROJO
F-F MINI BALL VALVE PN-16 RED
COLOR METAL HANDLE



| CÓDIGO | MEDIDA | | | € |
|----------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 4109-008 | 1/4" | 144 | 24 | 4,19 |
| 4109-010 | 3/8" | 144 | 24 | 4,19 |
| 4109-015 | 1/2" | 108 | 18 | 4,43 |

4110



VÁLVULA ESFERA MINI PN-16 M-H
MANDO METÁLICO COLOR ROJO
M-F MINI BALL VALVE PN-16 RED
COLOR METAL HANDLE



| CÓDIGO | MEDIDA | | | € |
|----------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 4110-008 | 1/4" | 144 | 24 | 4,19 |
| 4110-010 | 3/8" | 144 | 24 | 4,19 |
| 4110-015 | 1/2" | 108 | 18 | 4,43 |
| 4110-020 | 3/4" | 78 | 13 | 9,73 |

41092



VÁLVULA ESFERA MINI PN-16 H-H
MANDO METÁLICO COLOR AZUL
F-F MINI BALL VALVE PN-16 BLUE
COLOR METAL HANDLE



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 41092-008 | 1/4" | 144 | 24 | 4,19 |
| 41092-010 | 3/8" | 144 | 24 | 4,19 |
| 41092-015 | 1/2" | 108 | 18 | 4,43 |

- Disponible en acero inoxidable (Ref. 0914)
Available in stainless steel (Ref. 0914)

41102



VÁLVULA ESFERA MINI PN-16 M-H
MANDO METÁLICO COLOR AZUL
M-F MINI BALL VALVE PN-16 BLUE
COLOR METAL HANDLE



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 41102-008 | 1/4" | 144 | 24 | 4,19 |
| 41102-010 | 3/8" | 144 | 24 | 4,19 |
| 41102-015 | 1/2" | 108 | 18 | 4,43 |

- Disponible en acero inoxidable (Ref. 0915)
Available in stainless steel (Ref. 0915)

4113



VÁLVULA DE COMPUERTA PASO ESTANDAR H-H
F-F GATE VALVE STANDARD FLOW



| CÓDIGO | MEDIDA | | | € |
|------------|--------|----|----|--------|
| CODE | SIZE | | | € |
| 4113-015* | 1/2" | 48 | 12 | 5,07 |
| 4113-020* | 3/4" | 48 | 12 | 6,51 |
| 4113-025* | 1" | 32 | 8 | 8,75 |
| 4113-032* | 1 1/4" | 24 | 4 | 13,53 |
| 4113-040* | 1 1/2" | 12 | 3 | 19,93 |
| 4113-050* | 2" | 8 | 2 | 30,85 |
| 4113-065** | 2 1/2" | 4 | 1 | 58,53 |
| 4113-080** | 3" | 4 | 1 | 72,59 |
| 4113-100* | 4" | 4 | 1 | 136,94 |

PN-16*/10**

4113CE



VÁLVULA COMPUERTA CIERRE ELÁSTICO H-H PASO ESTANDAR
F-F GATE VALVE WITH RUBBER WEDGE STANDARD FLOW



| CÓDIGO | MEDIDA | | | € |
|--------------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 4113-015CE* | 1/2" | 48 | 12 | 8,22 |
| 4113-020CE* | 3/4" | 30 | 5 | 10,83 |
| 4113-025CE* | 1" | 16 | 4 | 15,94 |
| 4113-032CE** | 1 1/4" | 8 | 2 | 25,57 |
| 4113-040CE** | 1 1/2" | 8 | 2 | 31,96 |
| 4113-050CE** | 2" | 6 | 1 | 50,17 |

- Compuerta NBR apta para hidrocarburos PN-16*/10**
NBR wedge suitable for hydrocarbons

4113I



VÁLVULA DE COMPUERTA PASO TOTAL H-H PN-16
F-F GATE VALVE FULL BORE PN-16



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|----|--------|
| CODE | SIZE | | | € |
| 4113-015I | 1/2" | 48 | 12 | 6,29 |
| 4113-020I | 3/4" | 40 | 10 | 8,34 |
| 4113-025I | 1" | 24 | 6 | 12,36 |
| 4113-032I | 1 1/4" | 12 | 3 | 19,62 |
| 4113-040I | 1 1/2" | 8 | 2 | 26,78 |
| 4113-050I | 2" | 6 | 1 | 42,24 |
| 4113-065I | 2 1/2" | 4 | 1 | 62,12 |
| 4113-080I | 3" | 4 | 1 | 87,21 |
| 4113-100I | 4" | 4 | 1 | 164,87 |

4114



VÁLVULA DE RETENCIÓN PESADA CON OBTURADOR METÁLICO H-H
F-F NON RETURN VALVE HEAVY TYPE WITH METAL SHUTTER



| CÓDIGO | MEDIDA | | | € |
|-------------|--------|----|----|--------|
| CODE | SIZE | | | € |
| 4114-015* | 1/2" | 90 | 15 | 6,36 |
| 4114-020* | 3/4" | 48 | 12 | 9,06 |
| 4114-025* | 1" | 36 | 9 | 13,91 |
| 4114-032** | 1 1/4" | 24 | 6 | 22,14 |
| 4114-040** | 1 1/2" | 8 | 2 | 28,98 |
| 4114-050** | 2" | 8 | 2 | 42,77 |
| 4114-065*** | 2 1/2" | 6 | 1 | 90,37 |
| 4114-080*** | 3" | 4 | 1 | 142,33 |
| 4114-100*** | 4" | 3 | 1 | 212,59 |

- Apto para hidrocarburos cierre NBR PN-25*/16**/10***
NBR seal suitable for hydrocarbons

4115



VÁLVULA DE RETENCIÓN LIGERA
CON OBTURADOR PLÁSTICO H-H
F-F NON RETURN VALVE LIGHT
TYPE WITH PLASTIC SHUTTER



| CÓDIGO | MEDIDA | | | € |
|------------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 4115-015* | 1/2" | 120 | 20 | 4,44 |
| 4115-020* | 3/4" | 90 | 15 | 6,41 |
| 4115-025* | 1" | 48 | 8 | 9,01 |
| 4115-032** | 1 1/4" | 24 | 6 | 12,29 |
| 4115-040** | 1 1/2" | 16 | 4 | 17,13 |
| 4115-050** | 2" | 8 | 2 | 29,26 |

PN-16*/10**

4215



VÁLVULA DE RETENCIÓN LIGERA
CON OBTURADOR METÁLICO H-H
F-F NON RETURN VALVE LIGHT
TYPE WITH METAL SHUTTER



| CÓDIGO | MEDIDA | | | € |
|-------------|--------|-----|----|--------|
| CODE | SIZE | | | € |
| 4215-015* | 1/2" | 144 | 24 | 4,77 |
| 4215-020* | 3/4" | 90 | 15 | 6,81 |
| 4215-025* | 1" | 44 | 11 | 10,15 |
| 4215-032** | 1 1/4" | 24 | 6 | 14,00 |
| 4215-040** | 1 1/2" | 20 | 5 | 19,89 |
| 4215-050** | 2" | 8 | 2 | 30,26 |
| 4215-065*** | 2 1/2" | 8 | 1 | 65,71 |
| 4215-080*** | 3" | 3 | 1 | 93,87 |
| 4215-100*** | 4" | 2 | 1 | 146,32 |

PN-16*/10**/8***

4116



FILTRO VÁLVULA DE RETENCIÓN (4114-4115-4215)
FILTER FOR NON RETURN VALVE (4114-4115-4215)



| CÓDIGO | MEDIDA | | | € |
|----------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 4116-015 | 1/2" | 224 | 56 | 0,72 |
| 4116-020 | 3/4" | 152 | 38 | 0,93 |
| 4116-025 | 1" | 80 | 20 | 1,40 |
| 4116-032 | 1 1/4" | 36 | 9 | 1,55 |
| 4116-040 | 1 1/2" | 24 | 6 | 2,42 |
| 4116-050 | 2" | 16 | 4 | 2,67 |
| 4116-065 | 2 1/2" | 12 | 1 | 4,67 |
| 4116-080 | 3" | 8 | 1 | 5,80 |
| 4116-100 | 4" | 6 | 1 | 7,63 |

4117



VÁLVULA DE PIE ROSCA HEMBRA
FOOT VALVE FEMALE THREAD



| CÓDIGO | MEDIDA | | | € |
|-------------|--------|----|----|--------|
| CODE | SIZE | | | € |
| 4117-015* | 1/2" | 80 | 20 | 4,83 |
| 4117-020* | 3/4" | 48 | 12 | 8,35 |
| 4117-025* | 1" | 40 | 10 | 11,56 |
| 4117-032** | 1 1/4" | 12 | 3 | 13,53 |
| 4117-040** | 1 1/2" | 12 | 3 | 19,19 |
| 4117-050** | 2" | 8 | 1 | 35,76 |
| 4117-065*** | 2 1/2" | 4 | 1 | 45,75 |
| 4117-080*** | 3" | 4 | 1 | 67,79 |
| 4117-100*** | 4" | 2 | 1 | 102,54 |

PN-16*/10**/8***

4118



VÁLVULA DE FONDO ROSCA
HEMBRA PN-16
BOTTOM VALVE FEMALE
THREAD PN-16



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|----|--------|
| CODE | SIZE | | | € |
| 4118-015 | 1/2" | 60 | 15 | 5,07 |
| 4118-020 | 3/4" | 48 | 12 | 6,96 |
| 4118-025 | 1" | 48 | 12 | 10,28 |
| 4118-032 | 1 1/4" | 20 | 5 | 13,71 |
| 4118-040 | 1 1/2" | 12 | 3 | 18,78 |
| 4118-050 | 2" | 8 | 2 | 30,93 |
| 4118-065 | 2 1/2" | 8 | 1 | 42,27 |
| 4118-080 | 3" | 4 | 1 | 60,12 |
| 4118-100 | 4" | 2 | 1 | 166,22 |

- Apto para hidrocarburos junta NBR
NBR seal suitable for hydrocarbons

4119



VÁLVULA DE CLAPETA CIERRE
ELÁSTICO H-H
F-F RUBBER WASHER SWING
CHECK VALVE



| CÓDIGO | MEDIDA | | | € |
|-------------|--------|----|----|--------|
| CODE | SIZE | | | € |
| 4119-015* | 1/2" | 72 | 12 | 6,08 |
| 4119-020* | 3/4" | 60 | 10 | 9,78 |
| 4119-025* | 1" | 28 | 7 | 13,17 |
| 4119-032** | 1 1/4" | 20 | 5 | 20,23 |
| 4119-040** | 1 1/2" | 16 | 4 | 26,89 |
| 4119-050** | 2" | 10 | 1 | 41,23 |
| 4119-065*** | 2 1/2" | 5 | 1 | 61,51 |
| 4119-080*** | 3" | 3 | 1 | 99,72 |
| 4119-100*** | 4" | 2 | 1 | 166,40 |

PN-16*/10**/8***

4120



FILTRO Y TAMIZ INOXIDABLE H-H PN-16
F-F Y STRAINER WITH STAINLESS STEEL SIEVE PN-16



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 4120-015 | 1/2" | 96 | 24 | 4,68 |
| 4120-020 | 3/4" | 48 | 12 | 6,68 |
| 4120-025 | 1" | 36 | 9 | 10,83 |
| 4120-032 | 1 1/4" | 16 | 4 | 19,08 |
| 4120-040 | 1 1/2" | 12 | 2 | 24,97 |
| 4120-050 | 2" | 9 | 1 | 43,29 |

- Disponible en acero inoxidable (Ref. 0913)
Available in stainless steel (Ref. 0913)

4120R



RECAMBIO - TAMIZ INOXIDABLE PARA FILTRO EN Y PARA 4120
SPARE PART - STAINLESS STEEL SIEVE FOR Y STRAINER 4120



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|-----|------|
| CODE | SIZE | | | € |
| 4120-015R | 1/2" | 400 | 100 | 0,28 |
| 4120-020R | 3/4" | 200 | 50 | 0,47 |
| 4120-025R | 1" | 200 | 50 | 0,56 |
| 4120-032R | 1 1/4" | 96 | 24 | 0,91 |
| 4120-040R | 1 1/2" | 44 | 11 | 1,18 |
| 4120-050R | 2" | 24 | 6 | 2,32 |

4415



VÁLVULA DE SEGURIDAD DE MEMBRANA 3 BAR
DIAPHRAGM SAFETY VALVE 3 BAR



| CÓDIGO | MEDIDA | | | € |
|----------|--------|-----|---|-------|
| CODE | SIZE | | | € |
| 4415-015 | 1/2" | 100 | 1 | 8,35 |
| 4415-020 | 3/4" | 90 | 1 | 14,13 |

4416



VÁLVULA DE SEGURIDAD DE MEMBRANA 7 BAR
DIAPHRAGM SAFETY VALVE 7 BAR



| CÓDIGO | MEDIDA | | | € |
|----------|--------|-----|---|-------|
| CODE | SIZE | | | € |
| 4416-015 | 1/2" | 100 | 1 | 8,33 |
| 4416-020 | 3/4" | 90 | 1 | 14,13 |

4414



VÁLVULA DE SEGURIDAD PESADA CON PALANCA 8.5 BAR M-H
M-F SAFETY VALVE FOR HEATERS WITH HANDLE 8.5 BAR



| CÓDIGO | MEDIDA | | | € |
|----------|--------|-----|---|-------|
| CODE | SIZE | | | € |
| 4414-020 | 3/4" | 100 | 1 | 11,15 |

4413



VÁLVULA DE SEGURIDAD CON PALANCA 8.5 BAR M-H
M-F SAFETY VALVE FOR HEATERS WITH HANDLE 8.5 BAR



| CÓDIGO | MEDIDA | | | € |
|----------|--------|-----|---|------|
| CODE | SIZE | | | € |
| 4413-015 | 1/2" | 150 | 1 | 5,54 |

4412



VÁLVULA DE SEGURIDAD 8.5 BAR M-H
M-F SAFETY VALVE FOR WATER HEATER 8.5 BAR



| CÓDIGO | MEDIDA | | | € |
|----------|--------|-----|---|-------|
| CODE | SIZE | | | € |
| 4412-015 | 1/2" | 150 | 1 | 4,56 |
| 4412-020 | 3/4" | 100 | 1 | 10,04 |

4419



VÁLVULA CLICK CLACK UNIVERSAL Ø 37mm.
BRASS WASTE FOR BASIN WITH CLICK-CLACK
UNIVERSAL Ø 37mm.



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 4419-032 | 1 1/4" | 36 | 1 | 21,20 |

4417



VÁLVULA CLICK CLACK Ø 37mm.
BRASS WASTE FOR WASH BASIN WITH CLICK-CLACK Ø 37mm.



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 4417-032 | 1 1/4" | 24 | 1 | 13,97 |

4418



VÁLVULA CLICK CLACK Ø 66mm.
BRASS WASTE FOR BASIN WITH CLICK-CLACK Ø 66mm.



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 4418-032 | 1 1/4" | 24 | 1 | 15,76 |

449117



RECAMBIO - JUNTA TÓRICA PARA 4417, 4418 Y 4419
SPARE PART - O-RING FOR 4417, 4418 AND 4419



| CÓDIGO | MEDIDA | | | € |
|------------|--------|------|---|------|
| CODE | SIZE | | | € |
| 449117-037 | 1 1/4" | 3000 | 1 | 0,18 |

449017



RECAMBIO - JUNTA SILICONA PARA 4417 Y 4418
SPARE PART - SILICONE GASKET FOR 4417 Y 4418

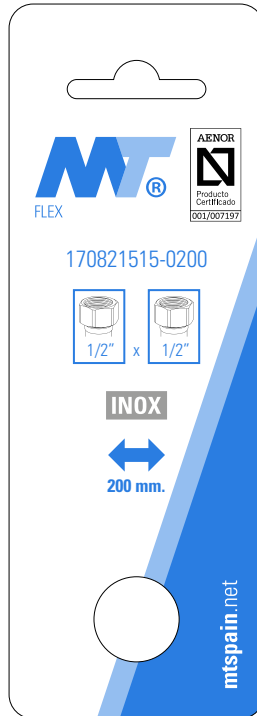


| CÓDIGO | MEDIDA | | | € |
|------------|--------|-----|---|------|
| CODE | SIZE | | | € |
| 449017-032 | 1 1/4" | 500 | 1 | 0,43 |



CONEXIÓN FLEXIBLE

FLEXIBLE CONNECTION



LEYENDA DE ICONOS
ICON KEY

Posibles codificaciones
aplicadas en esta sección.

Possible encodings applied
in this section.



CERTIFICADOS DE PRODUCTO
PRODUCT CERTIFICATES



Código de barras EAN
EAN bar code



PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES



170821010

CONEXIÓN FLEXIBLE "LATIGUILLO" DN8 H-H ACERO INOXIDABLE F-F FLEXIBLE DN8 STAINLESS STEEL CONNECTION





| CÓDIGO | MEDIDA | LONGITUD | | | | € |
|----------------|-------------|----------|---|---|--|------|
| CODE | SIZE | LENGHT |  |  | | € |
| 170821010-0150 | 3/8" x 3/8" | 150 mm. | 150 | 10 | | 1,82 |
| 170821010-0200 | 3/8" x 3/8" | 200 mm. | 100 | 10 | | 1,93 |
| 170821010-0250 | 3/8" x 3/8" | 250 mm. | 80 | 10 | | 1,93 |
| 170821010-0300 | 3/8" x 3/8" | 300 mm. | 100 | 10 | | 2,11 |
| 170821010-0350 | 3/8" x 3/8" | 350 mm. | 100 | 10 | | 2,16 |
| 170821010-0400 | 3/8" x 3/8" | 400 mm. | 120 | 10 | | 2,51 |
| 170821010-0450 | 3/8" x 3/8" | 450 mm. | 100 | 10 | | 2,57 |
| 170821010-0500 | 3/8" x 3/8" | 500 mm. | 100 | 10 | | 2,64 |
| 170821010-0600 | 3/8" x 3/8" | 600 mm. | 100 | 10 | | 3,05 |
| 170821010-0800 | 3/8" x 3/8" | 800 mm. | 100 | 10 | | 3,57 |
| 170821010-1000 | 3/8" x 3/8" | 1000 mm. | 50 | 10 | | 4,27 |

170821015

CONEXIÓN FLEXIBLE "LATIGUILLO" DN8 H-H ACERO INOXIDABLE F-F FLEXIBLE DN8 STAINLESS STEEL CONNECTION





| CÓDIGO | MEDIDA | LONGITUD | | | | € |
|----------------|-------------|----------|---|---|--|------|
| CODE | SIZE | LENGHT |  |  | | € |
| 170821015-0150 | 3/8" x 1/2" | 150 mm. | 150 | 10 | | 2,10 |
| 170821015-0200 | 3/8" X 1/2" | 200 mm. | 100 | 10 | | 2,27 |
| 170821015-0250 | 3/8" x 1/2" | 250 mm. | 80 | 10 | | 2,33 |
| 170821015-0300 | 3/8" x 1/2" | 300 mm. | 100 | 10 | | 2,38 |
| 170821015-0350 | 3/8" x 1/2" | 350 mm. | 100 | 10 | | 2,55 |
| 170821015-0400 | 3/8" X 1/2" | 400 mm. | 120 | 10 | | 2,61 |
| 170821015-0500 | 3/8" x 1/2" | 500 mm. | 100 | 10 | | 2,73 |
| 170821015-0600 | 3/8" X 1/2" | 600 mm. | 100 | 10 | | 3,01 |
| 170821015-0800 | 3/8" X 1/2" | 800 mm. | 100 | 10 | | 3,80 |
| 170821015-1000 | 3/8" x 1/2" | 1000 mm. | 50 | 10 | | 4,26 |

170821515

CONEXIÓN FLEXIBLE "LATIGUILLO" DN8 H-H ACERO INOXIDABLE F-F FLEXIBLE DN8 STAINLESS STEEL CONNECTION



| CÓDIGO | MEDIDA | LONGITUD | | | | € |
|----------------|-------------|----------|---|---|--|------|
| CODE | SIZE | LENGHT |  |  | | € |
| 170821515-0150 | 1/2" x 1/2" | 150 mm. | 150 | 10 | | 2,10 |
| 170821515-0200 | 1/2" x 1/2" | 200 mm. | 80 | 10 | | 2,27 |
| 170821515-0250 | 1/2" X 1/2" | 250 mm. | 80 | 10 | | 2,33 |
| 170821515-0300 | 1/2" x 1/2" | 300 mm. | 100 | 10 | | 2,38 |
| 170821515-0350 | 1/2" x 1/2" | 350 mm. | 80 | 10 | | 2,55 |
| 170821515-0400 | 1/2" x 1/2" | 400 mm. | 120 | 10 | | 2,61 |
| 170821515-0450 | 1/2" x 1/2" | 450 mm. | 100 | 10 | | 2,67 |
| 170821515-0500 | 1/2" x 1/2" | 500 mm. | 100 | 10 | | 2,73 |
| 170821515-0600 | 1/2" x 1/2" | 600 mm. | 100 | 10 | | 3,01 |
| 170821515-0800 | 1/2" x 1/2" | 800 mm. | 100 | 10 | | 3,80 |
| 170821515-1000 | 1/2" X 1/2" | 1000 mm. | 50 | 10 | | 4,26 |

170811010

CONEXIÓN FLEXIBLE "LATIGUILLO" DN8 M-H ACERO INOXIDABLE M-F FLEXIBLE DN8 STAINLESS STEEL CONNECTION





| CÓDIGO | MEDIDA | LONGITUD | | | | € |
|----------------|-------------|----------|---|---|--|------|
| CODE | SIZE | LENGHT |  |  | | € |
| 170811010-0150 | 3/8" x 3/8" | 150 mm. | 150 | 10 | | 1,76 |
| 170811010-0200 | 3/8" x 3/8" | 200 mm. | 100 | 10 | | 1,87 |
| 170811010-0250 | 3/8" x 3/8" | 250 mm. | 80 | 10 | | 1,87 |
| 170811010-0300 | 3/8" x 3/8" | 300 mm. | 100 | 10 | | 2,05 |
| 170811010-0350 | 3/8" x 3/8" | 350 mm. | 100 | 10 | | 2,10 |
| 170811010-0400 | 3/8" x 3/8" | 400 mm. | 120 | 10 | | 2,45 |
| 170811010-0500 | 3/8" x 3/8" | 500 mm. | 100 | 10 | | 2,55 |
| 170811010-0600 | 3/8" x 3/8" | 600 mm. | 100 | 10 | | 2,95 |
| 170811010-0800 | 3/8" x 3/8" | 800 mm. | 100 | 10 | | 3,47 |
| 170811010-1000 | 3/8" x 3/8" | 1000 mm. | 50 | 10 | | 4,14 |

170811015 **AENOR**

CONEXIÓN FLEXIBLE "LATIGUILLO" DN8 M-H ACERO
INOXIDABLE M-F FLEXIBLE DN8 STAINLESS STEEL CONNECTION





| CÓDIGO | MEDIDA | LONGITUD |  |  | € |
|----------------|-------------|----------|---|---|------|
| CODE | SIZE | LENGHT | | | € |
| 170811015-0150 | 3/8" x 1/2" | 150 mm. | 150 | 10 | 2,17 |
| 170811015-0200 | 3/8" x 1/2" | 200 mm. | 100 | 10 | 2,27 |
| 170811015-0250 | 3/8" x 1/2" | 250 mm. | 80 | 10 | 2,33 |
| 170811015-0300 | 3/8" x 1/2" | 300 mm. | 100 | 10 | 2,42 |
| 170811015-0350 | 3/8" x 1/2" | 350 mm. | 100 | 10 | 2,55 |
| 170811015-0400 | 3/8" x 1/2" | 400 mm. | 120 | 10 | 2,61 |
| 170811015-0500 | 3/8" x 1/2" | 500 mm. | 100 | 10 | 2,74 |
| 170811015-0600 | 3/8" x 1/2" | 600 mm. | 100 | 10 | 3,01 |
| 170811015-0800 | 3/8" x 1/2" | 800 mm. | 100 | 10 | 3,80 |
| 170811015-1000 | 3/8" x 1/2" | 1000 mm. | 50 | 10 | 4,26 |

- Rosca macho 3/8" Male threaded 3/8"
- Rosca hembra 1/2" Female threaded 1/2"

170811510 **AENOR**

CONEXIÓN FLEXIBLE "LATIGUILLO" DN8 M-H ACERO
INOXIDABLE M-F FLEXIBLE DN8 STAINLESS STEEL CONNECTION




| CÓDIGO | MEDIDA | LONGITUD |  |  | € |
|----------------|-------------|----------|---|---|------|
| CODE | SIZE | LENGHT | | | € |
| 170811510-0150 | 1/2" x 3/8" | 150 mm. | 150 | 10 | 2,17 |
| 170811510-0200 | 1/2" x 3/8" | 200 mm. | 100 | 10 | 2,27 |
| 170811510-0250 | 1/2" x 3/8" | 250 mm. | 80 | 10 | 2,33 |
| 170811510-0300 | 1/2" x 3/8" | 300 mm. | 100 | 10 | 2,42 |
| 170811510-0350 | 1/2" x 3/8" | 350 mm. | 100 | 10 | 2,55 |
| 170811510-0400 | 1/2" x 3/8" | 400 mm. | 120 | 10 | 2,61 |
| 170811510-0450 | 1/2" x 3/8" | 450 mm. | 100 | 10 | 2,67 |
| 170811510-0500 | 1/2" x 3/8" | 500 mm. | 100 | 10 | 2,74 |
| 170811510-0600 | 1/2" x 3/8" | 600 mm. | 100 | 10 | 3,01 |
| 170811510-0800 | 1/2" x 3/8" | 800 mm. | 100 | 10 | 3,80 |
| 170811510-1000 | 1/2" x 3/8" | 1000 mm. | 50 | 10 | 4,26 |

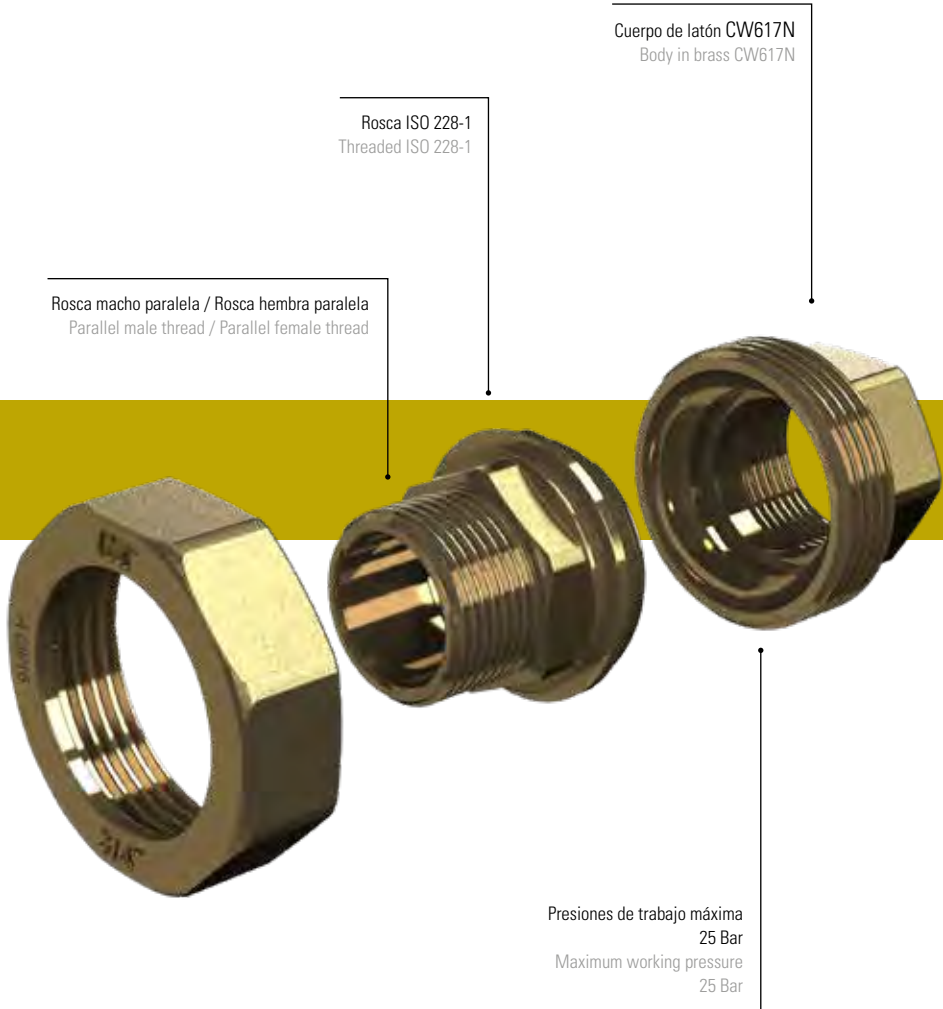
- Rosca macho 1/2" Male threaded 1/2"
- Rosca hembra 3/4" Female threaded 3/4"

170811515 **AENOR**

CONEXIÓN FLEXIBLE "LATIGUILLO" DN8 M-H ACERO
INOXIDABLE M-F FLEXIBLE DN8 STAINLESS STEEL CONNECTION



| CÓDIGO | MEDIDA | LONGITUD |  |  | € |
|----------------|-------------|----------|---|---|------|
| CODE | SIZE | LENGHT | | | € |
| 170811515-0150 | 1/2" x 1/2" | 150 mm. | 150 | 10 | 2,17 |
| 170811515-0200 | 1/2" x 1/2" | 200 mm. | 80 | 10 | 2,27 |
| 170811515-0250 | 1/2" x 1/2" | 250 mm. | 80 | 10 | 2,33 |
| 170811515-0300 | 1/2" x 1/2" | 300 mm. | 100 | 10 | 2,42 |
| 170811515-0350 | 1/2" x 1/2" | 350 mm. | 80 | 10 | 2,55 |
| 170811515-0400 | 1/2" x 1/2" | 400 mm. | 120 | 10 | 2,61 |
| 170811515-0450 | 1/2" x 1/2" | 450 mm. | 100 | 10 | 2,67 |
| 170811515-0500 | 1/2" x 1/2" | 500 mm. | 100 | 10 | 2,74 |
| 170811515-0600 | 1/2" x 1/2" | 600 mm. | 100 | 10 | 3,01 |
| 170811515-0800 | 1/2" x 1/2" | 800 mm. | 100 | 10 | 3,80 |
| 170811515-1000 | 1/2" x 1/2" | 1000 mm. | 50 | 10 | 4,26 |



Rosca macho paralela / Rosca hembra paralela
Parallel male thread / Parallel female thread

Rosca ISO 228-1
Threaded ISO 228-1

Cuerpo de latón CW617N
Body in brass CW617N

Presiones de trabajo máxima
25 Bar
Maximum working pressure
25 Bar

SERIE 87 ACCESORIO DE LATÓN ROSCADO

BRASS THREADED FITTING

MATERIALES:

Cuerpo latón
¼" - 1" UNE-EN-12165
1 ¼" - 4" UNE-EN-12164

COMPONENTS:

Body in brass
¼" - 1" UNE-EN-12165
1 ¼" - 4" UNE-EN-12164

ROSCADO THREADED



MÉTODO DE FABRICACIÓN:

Estampado en caliente

PRODUCTION METHOD:

Hot forged

CARACTERÍSTICAS:

Fabricado de acuerdo a la norma EN 1254-1

FEATURES:

Manufactured according to standard EN 1254-1

LEYENDA DE ICONOS

ICON KEY

Posibles codificaciones aplicadas en esta sección.

Possible encodings applied in this section.



Código de barras EAN Recambios
EAN bar code Spare parts

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES

87001



CURVA 90° M-H
M-F LONG SWEEP BEND 90°



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 87001-015 | 1/2" | 120 | 10 | 5,30 |
| 87001-020 | 3/4" | 70 | 10 | 7,71 |
| 87001-025 | 1" | 40 | 5 | 12,86 |
| 87001-032 | 1 1/4" | 20 | 5 | 21,16 |
| 87001-040 | 1 1/2" | 10 | 5 | 29,40 |
| 87001-050 | 2" | 17 | 1 | 48,53 |

- Rosca macho paralela
Parallel male thread

87002



CURVA 90° H-H
F-F LONG SWEEP BEND 90°



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 87002-015 | 1/2" | 120 | 10 | 4,77 |
| 87002-020 | 3/4" | 70 | 10 | 7,44 |
| 87002-025 | 1" | 40 | 5 | 12,97 |
| 87002-032 | 1 1/4" | 20 | 5 | 23,90 |
| 87002-040 | 1 1/2" | 10 | 5 | 34,68 |
| 87002-050 | 2" | 17 | 1 | 56,09 |

87090



CODO 90° H-H
F-F ELBOW 90°



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|--------|
| CODE | SIZE | | | € |
| 87090-010 | 3/8" | 340 | 10 | 2,55 |
| 87090-015 | 1/2" | 180 | 10 | 2,90 |
| 87090-020 | 3/4" | 110 | 10 | 4,50 |
| 87090-025 | 1" | 60 | 5 | 7,14 |
| 87090-032 | 1 1/4" | 35 | 5 | 11,59 |
| 87090-040 | 1 1/2" | 30 | 5 | 16,12 |
| 87090-050 | 2" | 36 | 1 | 25,78 |
| 87090-065 | 2 1/2" | 16 | 1 | 56,74 |
| 87090-080 | 3" | 12 | 1 | 74,78 |
| 87090-100 | 4" | 4 | 1 | 137,26 |

87090R



CODO 90° REDUCIDO H-H
F-F REDUCING ELBOW 90°



| CÓDIGO | MEDIDA | | | € |
|-------------|-----------------|-----|----|-------|
| CODE | SIZE | | | € |
| 87090-01510 | 1/2" x 3/8" | 230 | 10 | 2,95 |
| 87090-02015 | 3/4" x 1/2" | 130 | 10 | 4,78 |
| 87090-02515 | 1" x 1/2" | 100 | 5 | 6,59 |
| 87090-02520 | 1" x 3/4" | 75 | 5 | 6,80 |
| 87090-03225 | 1 1/4" x 1" | 50 | 5 | 14,04 |
| 87090-04025 | 1 1/2" x 1" | 40 | 5 | 16,05 |
| 87090-04032 | 1 1/2" x 1 1/4" | 30 | 5 | 19,83 |

87092



CODO 90° M-H
M-F ELBOW 90°



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 87092-010 | 3/8" | 280 | 10 | 2,93 |
| 87092-015 | 1/2" | 200 | 10 | 3,11 |
| 87092-020 | 3/4" | 100 | 10 | 4,65 |
| 87092-025 | 1" | 60 | 5 | 7,61 |
| 87092-032 | 1 1/4" | 35 | 5 | 12,18 |
| 87092-040 | 1 1/2" | 25 | 5 | 16,77 |
| 87092-050 | 2" | 32 | 1 | 25,90 |
| 87092-065 | 2 1/2" | 17 | 1 | 64,67 |
| 87092-080 | 3" | 12 | 1 | 75,86 |

- Rosca macho paralela
Parallel male thread

87093



CODO 90° M-M
M-M ELBOW 90°



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 87093-010 | 3/8" | 480 | 10 | 1,90 |
| 87093-015 | 1/2" | 240 | 10 | 2,35 |
| 87093-020 | 3/4" | 120 | 10 | 3,62 |

- Rosca macho paralela
Parallel male thread

87098



CODO 90° M-H CON CONECTOR 2 PIEZAS
M-F ELBOW 90° WITH 2 PIECES CONNECTOR



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 87098-015 | 1/2" | 100 | 10 | 6,00 |
| 87098-020 | 3/4" | 60 | 10 | 9,63 |
| 87098-025 | 1" | 30 | 5 | 15,74 |

- Rosca macho paralela
Parallel male thread

87130



TE IGUAL H
F EQUAL TEE



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|--------|
| CODE | SIZE | | | € |
| 87130-010 | 3/8" | 180 | 10 | 2,98 |
| 87130-015 | 1/2" | 120 | 10 | 3,36 |
| 87130-020 | 3/4" | 60 | 10 | 6,03 |
| 87130-025 | 1" | 45 | 5 | 8,66 |
| 87130-032 | 1 1/4" | 25 | 5 | 14,46 |
| 87130-040 | 1 1/2" | 20 | 5 | 19,20 |
| 87130-050 | 2" | 26 | 1 | 32,77 |
| 87130-065 | 2 1/2" | 12 | 1 | 79,70 |
| 87130-080 | 3" | 6 | 1 | 91,05 |
| 87130-100 | 4" | 4 | 1 | 182,47 |

87130R



TE REDUCIDA H
F REDUCING TEE



| CÓDIGO | MEDIDA | | | € |
|-------------|-----------------|-----|----|-------|
| CODE | SIZE | | | € |
| 87130-01510 | 1/2" x 3/8" | 130 | 10 | 4,03 |
| 87130-02015 | 3/4" x 1/2" | 90 | 10 | 5,09 |
| 87130-02515 | 1" x 1/2" | 60 | 5 | 8,11 |
| 87130-02520 | 1" x 3/4" | 50 | 5 | 9,71 |
| 87130-03215 | 1 1/4" x 1/2" | 40 | 5 | 12,79 |
| 87130-03220 | 1 1/4" x 3/4" | 30 | 5 | 14,23 |
| 87130-03225 | 1 1/4" x 1" | 30 | 5 | 13,42 |
| 87130-04015 | 1 1/2" x 1/2" | 25 | 5 | 16,13 |
| 87130-04020 | 1 1/2" x 3/4" | 25 | 5 | 15,99 |
| 87130-04025 | 1 1/2" x 1" | 25 | 5 | 17,56 |
| 87130-04032 | 1 1/2" x 1 1/4" | 20 | 5 | 19,17 |
| 87130-05015 | 2" x 1/2" | 42 | 1 | 23,22 |
| 87130-05020 | 2" x 3/4" | 42 | 1 | 23,90 |
| 87130-05025 | 2" x 1" | 42 | 1 | 25,68 |
| 87130-05032 | 2" x 1 1/4" | 36 | 1 | 25,61 |

87180

CRUZ H
F CROSS



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 87180-010 | 3/8" | 200 | 10 | 3,95 |
| 87180-015 | 1/2" | 110 | 10 | 4,57 |
| 87180-020 | 3/4" | 60 | 10 | 7,93 |
| 87180-025 | 1" | 35 | 5 | 13,17 |
| 87180-032 | 1 1/4" | 20 | 5 | 18,71 |
| 87180-040 | 1 1/2" | 15 | 5 | 23,68 |
| 87180-050 | 2" | 18 | 1 | 42,53 |

87132



TE IGUAL MACHO
M EQUAL TEE



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 87132-015 | 1/2" | 200 | 10 | 2,47 |
| 87132-020 | 3/4" | 90 | 10 | 4,59 |

- Rosca macho paralela
Parallel male thread

87240



MANGUITO REDUCCIÓN H-H
F-F REDUCING SOCKET



| CÓDIGO | MEDIDA | | | € |
|-------------|-----------------|-----|----|-------|
| CODE | SIZE | | | € |
| 87240-01510 | 1/2" x 3/8" | 300 | 10 | 1,68 |
| 87240-02010 | 3/4" x 3/8" | 250 | 10 | 2,54 |
| 87240-02015 | 3/4" x 1/2" | 210 | 10 | 2,77 |
| 87240-02515 | 1" x 1/2" | 160 | 5 | 3,63 |
| 87240-02520 | 1" x 3/4" | 150 | 5 | 4,00 |
| 87240-03225 | 1 1/4" x 1" | 90 | 5 | 6,41 |
| 87240-04025 | 1 1/2" x 1" | 70 | 5 | 7,64 |
| 87240-04032 | 1 1/2" x 1 1/4" | 60 | 5 | 8,07 |
| 87240-05025 | 2" x 1" | 76 | 1 | 11,61 |
| 87240-05032 | 2" x 1 1/4" | 76 | 1 | 11,96 |
| 87240-05040 | 2" x 1 1/2" | 76 | 1 | 12,48 |

87241



TUERCA REDUCCIÓN M-H
M-F REDUCING BUSHINGS



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|-----------------|-----|----|--------|
| 87241-01008* | 3/8" x 1/4" | 800 | 10 | 0,77 |
| 87241-01508* | 1/2" x 1/4" | 500 | 10 | 1,41 |
| 87241-01510* | 1/2" x 3/8" | 500 | 10 | 1,12 |
| 87241-02015* | 3/4" x 1/2" | 300 | 10 | 1,68 |
| 87241-02515* | 1" x 1/2" | 200 | 5 | 3,31 |
| 87241-02520* | 1" x 3/4" | 200 | 5 | 2,80 |
| 87241-03220* | 1 1/4" x 3/4" | 140 | 5 | 5,84 |
| 87241-03225* | 1 1/4" x 1" | 140 | 5 | 4,54 |
| 87241-04025** | 1 1/2" x 1" | 115 | 5 | 8,06 |
| 87241-04032** | 1 1/2 x 1 1/4" | 115 | 5 | 5,11 |
| 87241-05025** | 2" x 1" | 140 | 1 | 14,08 |
| 87241-05032** | 2" x 1 1/4" | 140 | 1 | 13,95 |
| 87241-05040** | 2" x 1 1/2" | 120 | 1 | 11,34 |
| 87241-06532** | 2 1/2" x 1 1/4" | 90 | 1 | 22,63 |
| 87241-06540** | 2 1/2" x 1 1/2" | 90 | 1 | 26,26 |
| 87241-06550** | 2 1/2" x 2" | 90 | 1 | 21,85 |
| 87241-08050** | 3" x 2" | 56 | 1 | 45,63 |
| 87241-08065** | 3" x 2 1/2" | 56 | 1 | 29,67 |
| 87241-10050** | 4" x 2" | 26 | 1 | 74,39 |
| 87241-10065** | 4" x 2 1/2" | 26 | 1 | 76,09 |
| 87241-10080** | 4" x 3" | 26 | 1 | 76,09 |

- * Hexagonal / Hexagonal
- ** Octogonal / Octagonal
- Rosca macho paralela
Parallel male thread

87245



MACHÓN REDUCIDO M-M
M-M REDUCING NIPPLE



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|-----------------|-----|----|--------|
| 87245-01008* | 3/8" x 1/4" | 600 | 10 | 1,27 |
| 87245-01508* | 1/2" x 1/4" | 400 | 10 | 1,34 |
| 87245-01510* | 1/2" x 3/8" | 500 | 10 | 1,50 |
| 87245-02015* | 3/4" x 1/2" | 270 | 10 | 2,15 |
| 87245-02515* | 1" x 1/2" | 160 | 5 | 3,03 |
| 87245-02520* | 1" x 3/4" | 150 | 5 | 3,16 |
| 87245-03220* | 1 1/4" x 3/4" | 100 | 5 | 5,05 |
| 87245-03225* | 1 1/4" x 1" | 95 | 5 | 5,53 |
| 87245-04025** | 1 1/2" x 1" | 80 | 5 | 7,74 |
| 87245-04032** | 1 1/2" x 1 1/4" | 70 | 5 | 7,96 |
| 87245-05025** | 2" x 1" | 120 | 1 | 9,94 |
| 87245-05032** | 2" x 1 1/4" | 120 | 1 | 9,91 |
| 87245-05040** | 2" x 1 1/2" | 96 | 1 | 11,58 |

- * Hexagonal / Hexagonal
- ** Octogonal / Octagonal
- Rosca macho paralela
Parallel male thread

87246



MANGUITO REDUCCIÓN M-H
M-F REDUCING NIPPLE SOCKET



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|-----------------|-----|----|--------|
| 87246-00810* | 1/4" x 3/8" | 500 | 10 | 1,53 |
| 87246-01008* | 3/8" x 1/4" | 750 | 10 | 1,45 |
| 87246-01015* | 3/8" x 1/2" | 400 | 10 | 1,84 |
| 87146-01020 | 3/8" x 3/4" | 180 | 10 | 2,50 |
| 87246-01510* | 1/2" x 3/8" | 500 | 10 | 1,73 |
| 87246-01520* | 1/2" x 3/4" | 280 | 10 | 2,57 |
| 87246-01525* | 1/2" x 1" | 180 | 10 | 4,14 |
| 87246-02015* | 3/4" x 1/2" | 280 | 10 | 2,39 |
| 87246-02025* | 3/4" x 1" | 160 | 10 | 4,14 |
| 87246-02520* | 1" x 3/4" | 150 | 5 | 4,14 |
| 87246-02532** | 1" x 1 1/4" | 105 | 5 | 6,86 |
| 87246-02540** | 1" x 1 1/2" | 75 | 5 | 11,26 |
| 87246-02550** | 1" x 2" | 115 | 5 | 13,39 |
| 87246-03240** | 1 1/4" x 1 1/2" | 70 | 5 | 12,38 |
| 87246-03250** | 1 1/4" x 2" | 110 | 5 | 13,50 |
| 87246-04050** | 1 1/2" x 2" | 110 | 5 | 12,97 |

- * Hexagonal / Hexagonal
- ** Octogonal / Octagonal
- Rosca macho paralela
Parallel male thread

87271



MANGUITO ANTIELECTRÓLISIS H-H
F-F ANTI-ELECTROLYTIC SOCKET



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|-----|----|--------|
| 87271-015 | 1/2" | 250 | 25 | 3,06 |
| 87271-020 | 3/4" | 200 | 15 | 4,81 |
| 87271-025 | 1" | 100 | 10 | 7,47 |
| 87271-032 | 1 1/4" | 45 | 1 | 17,16 |
| 87271-040 | 1 1/2" | 30 | 1 | 35,90 |
| 87271-050 | 2" | 20 | 1 | 50,80 |

87270



MANGUITO H-H
F-F SOCKET



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|-----|----|--------|
| 87270-010 | 3/8" | 400 | 10 | 1,55 |
| 87270-015 | 1/2" | 230 | 10 | 2,17 |
| 87270-020 | 3/4" | 140 | 10 | 3,24 |
| 87270-025 | 1" | 100 | 10 | 5,13 |
| 87270-032 | 1 1/4" | 55 | 5 | 7,02 |
| 87270-040 | 1 1/2" | 35 | 5 | 11,09 |
| 87270-050 | 2" | 45 | 1 | 16,65 |
| 87270-065 | 2 1/2" | 30 | 1 | 32,98 |
| 87270-080 | 3" | 21 | 1 | 49,61 |
| 87270-100 | 4" | 12 | 1 | 88,36 |

87280



MACHÓN M-M
M-M HEXAGON NIPPLE



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|-----|----|--------|
| 87280-008* | 1/4" | 800 | 10 | 0,96 |
| 87280-010* | 3/8" | 500 | 10 | 1,20 |
| 87280-015* | 1/2" | 300 | 10 | 1,63 |
| 87280-020* | 3/4" | 200 | 10 | 2,14 |
| 87280-025* | 1" | 120 | 5 | 3,24 |
| 87280-032* | 1 1/4" | 75 | 5 | 5,92 |
| 87280-040** | 1 1/2" | 60 | 5 | 8,06 |
| 87280-050** | 2" | 96 | 1 | 11,89 |
| 87280-065** | 2 1/2" | 45 | 1 | 32,29 |
| 87280-080** | 3" | 32 | 1 | 49,07 |
| 87280-100** | 4" | 12 | 1 | 89,83 |

- * Hexagonal / Hexagonal
- ** Octogonal / Octagonal
- Rosca macho paralela
Parallel male thread

87290



TAPÓN MACHO CON REBORDE
M PLUG BEADED



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|-----|----|--------|
| 87290-008* | 1/4" | 900 | 10 | 1,02 |
| 87290-010* | 3/8" | 600 | 10 | 0,88 |
| 87290-015* | 1/2" | 470 | 10 | 1,19 |
| 87290-020* | 3/4" | 300 | 10 | 1,91 |
| 87290-025* | 1" | 200 | 5 | 2,84 |
| 87290-032* | 1 1/4" | 120 | 5 | 4,50 |
| 87290-040* | 1 1/2" | 110 | 5 | 6,59 |
| 87290-050* | 2" | 160 | 1 | 11,45 |
| 87290-065** | 2 1/2" | 84 | 1 | 27,27 |
| 87290-080** | 3" | 56 | 1 | 32,47 |
| 87290-100** | 4" | 24 | 1 | 54,19 |

- * Hexagonal / Hexagonal
- ** Octogonal / Octagonal
- Rosca macho paralela
Parallel male thread

87300



TAPÓN HEXAGONAL H
F HEXAGON CAP



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|-----|----|--------|
| 87300-010* | 3/8" | 600 | 10 | 1,00 |
| 87300-015* | 1/2" | 430 | 10 | 1,34 |
| 87300-020* | 3/4" | 300 | 10 | 1,85 |
| 87300-025* | 1" | 200 | 5 | 2,91 |
| 87300-032** | 1 1/4" | 150 | 5 | 3,59 |
| 87300-040** | 1 1/2" | 110 | 5 | 4,86 |
| 87300-050** | 2" | 135 | 1 | 8,07 |

- * Hexagonal / Hexagonal
- ** Octogonal / Octagonal

87315



ENTRONQUE MANGUERA
HEXAGON HOSE NIPPLE



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|-----|----|--------|
| 87315-00810 | 1/4" x 10 | 600 | 10 | 1,41 |
| 87315-00812 | 1/4" x 12 | 350 | 10 | 1,49 |
| 87315-01012 | 3/8" x 12 | 300 | 10 | 1,83 |
| 87315-01512 | 1/2" x 12 | 300 | 10 | 2,28 |
| 87315-01514 | 1/2" x 14 | 280 | 10 | 2,63 |
| 87315-01516 | 1/2" x 16 | 240 | 10 | 2,71 |
| 87315-01518 | 1/2" x 18 | 230 | 10 | 2,86 |
| 87315-01520 | 1/2" x 20 | 190 | 10 | 3,17 |
| 87315-02020 | 3/4" x 20 | 140 | 10 | 3,63 |
| 87315-02025 | 3/4" x 25 | 120 | 10 | 4,36 |
| 87315-02525 | 1" x 25 | 100 | 5 | 6,70 |
| 87315-02530 | 1" x 30 | 80 | 5 | 7,59 |
| 87315-03230 | 1 1/4" x 30 | 50 | 5 | 10,63 |
| 87315-03235 | 1 1/4" x 35 | 50 | 5 | 10,99 |
| 87315-03238 | 1 1/4" x 38 | 40 | 5 | 12,33 |
| 87315-03240 | 1 1/4" x 40 | 40 | 5 | 12,90 |
| 87315-04038 | 1 1/2" x 38 | 30 | 5 | 13,41 |
| 87315-04045 | 1 1/2" x 45 | 30 | 5 | 14,23 |
| 87315-04050 | 1 1/2" x 50 | 20 | 5 | 17,45 |
| 87315-05060 | 2" x 60 | 33 | 1 | 23,73 |

- Rosca macho paralela
Parallel male thread

87318

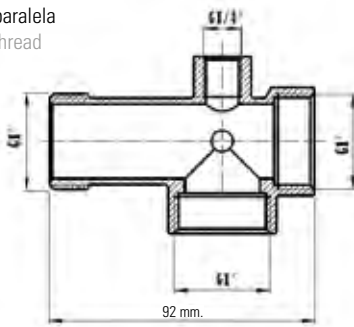


TE CINCO VÍAS
FIVE WAY TEE



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|----|---|--------|
| 87318-025 | 1" | 30 | 5 | 13,14 |

- Rosca macho paralela
Parallel male thread



87341



TUERCA UNIÓN ASIENTO
CÓNICO M-H
M-F STRAIGHT UNION
TAPERED SEAT



| CÓDIGO | MEDIDA | | | € |
|-------------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 87341-015* | 1/2" | 120 | 10 | 8,23 |
| 87341-020* | 3/4" | 70 | 10 | 11,92 |
| 87341-025* | 1" | 45 | 5 | 17,48 |
| 87341-032** | 1 1/4" | 30 | 5 | 27,37 |
| 87341-040** | 1 1/2" | 20 | 5 | 34,83 |
| 87341-050** | 2" | 24 | 1 | 54,05 |

- * Hexagonal / Hexagonal
- ** Octogonal / Octagonal
- Rosca macho paralela
Parallel male thread

873412



TUERCA UNIÓN TRES PIEZAS
LATÓN M-H ASIENTO CÓNICO
C/JUNTA
M-F THREE PIECES BRASS
STRAIGHT UNION TAPERED
SEAT WITH O-RING



| CÓDIGO | MEDIDA | | | € |
|------------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 873412-015 | 1/2" | 130 | 10 | 8,23 |
| 873412-020 | 3/4" | 80 | 10 | 11,92 |
| 873412-025 | 1" | 50 | 5 | 17,48 |
| 873412-032 | 1 1/4" | 30 | 5 | 27,37 |
| 873412-040 | 1 1/2" | 20 | 5 | 34,83 |
| 873412-050 | 2" | 12 | 1 | 54,05 |

- * Hexagonal / Hexagonal
- ** Octogonal / Octagonal
- Rosca macho paralela
Parallel male thread

87500



RACOR CODO MURAL H-H
F-F WALL PLATED ELBOW



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 87500-015 | 1/2" | 140 | 10 | 3,20 |

87340



TUERCA UNIÓN ASIENTO
CÓNICO H-H
F-F STRAIGHT UNION TAPERED
SEAT



| CÓDIGO | MEDIDA | | | € |
|-------------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 87340-015* | 1/2" | 140 | 10 | 7,96 |
| 87340-020* | 3/4" | 80 | 10 | 10,94 |
| 87340-025* | 1" | 60 | 5 | 14,68 |
| 87340-032** | 1 1/4" | 30 | 5 | 20,75 |
| 87340-040** | 1 1/2" | 25 | 5 | 33,81 |
| 87340-050** | 2" | 30 | 1 | 42,72 |

- * Hexagonal / Hexagonal
- ** Octogonal / Octagonal

87529



MANGUITO IGUAL M-H "TIPO MARSELLA"
M-F EQUAL SOCKET 'MARSELLA TYPE'



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 87529-008 | 1/4" | 800 | 10 | 1,00 |
| 87529-010 | 3/8" | 500 | 10 | 1,04 |
| 87529-015 | 1/2" | 320 | 10 | 1,65 |
| 87529-020 | 3/4" | 220 | 10 | 2,54 |
| 87529-025 | 1" | 110 | 5 | 4,12 |
| 87529-032 | 1 1/4" | 80 | 5 | 6,49 |
| 87529-040 | 1 1/2" | 50 | 5 | 9,35 |
| 87529-050 | 2" | 70 | 1 | 14,71 |

- Rosca macho paralela
Parallel male thread

87530



MANGUITO IGUAL M-H (HEXÁGONO INTERIOR)
M-F EQUAL SOCKET (HEXAGON INSIDE)



| CÓDIGO | MEDIDA | | | € |
|------------|--------------|-----|----|------|
| CODE | SIZE | | | € |
| 87530-1502 | 1/2" x 2 cm. | 250 | 10 | 3,60 |

- Rosca macho paralela
Parallel male thread

87531



MANGUITO IGUAL M-H (HEXÁGONO INTERIOR)
M-F EQUAL SOCKET (HEXAGON INSIDE)



| CÓDIGO | MEDIDA | | | € |
|-----------|--------------|-----|----|------|
| CODE | SIZE | | | € |
| 87531-015 | 1/2" x 1 cm. | 220 | 10 | 2,45 |

- Rosca macho paralela
Parallel male thread

87533



ALARGADERA ACABADO LATÓN M-H (HEXÁGONO INTERIOR)
M-F EXTENSION FITTING BRASS FINISH (HEXAGON INSIDE)



| CÓDIGO | MEDIDA | | | € |
|--------------|----------------|-----|----|-------|
| CODE | SIZE | | | € |
| 87533-015020 | 1/2" x 20 mm. | 300 | 10 | 2,78 |
| 87533-015030 | 1/2" x 30 mm. | 200 | 10 | 3,69 |
| 87533-015050 | 1/2" x 50 mm. | 130 | 5 | 5,55 |
| 87533-015100 | 1/2" x 100 mm. | 90 | 5 | 10,14 |
| 87533-020050 | 3/4" x 50 mm. | 90 | 5 | 7,12 |
| 87533-020100 | 3/4" x 100 mm. | 60 | 5 | 13,34 |

- Rosca macho paralela
Parallel male thread

87532



MANGUITO IGUAL M-H
M-F EQUAL SOCKET



| CÓDIGO | MEDIDA | | | € |
|-------------|--------------|-----|----|------|
| CODE | SIZE | | | € |
| 87532-01503 | 1/2" x 3 cm. | 250 | 10 | 3,42 |

- Rosca macho paralela
Parallel male thread

87563



RACOR HEMBRA DOS PIEZAS MANGUERA H
FEMALE TWO PIECES HOSE NIPPLE



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|-----|----|-------|
| CODE | SIZE | | | € |
| 87563-01514 | 1/2" x 14 | 300 | 10 | 3,24 |
| 87563-02020 | 3/4" x 20 | 180 | 10 | 4,83 |
| 87563-02525 | 1" x 25 | 100 | 5 | 6,80 |
| 87563-03230 | 1 1/4" x 30 | 80 | 5 | 11,00 |
| 87563-03235 | 1 1/4" x 35 | 80 | 5 | 11,50 |
| 87563-04040 | 1 1/2" x 40 | 50 | 1 | 15,79 |

87575



ANILLO REDUCIDO M-H
REDUCING RING M-F



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|-----|----|------|
| CODE | SIZE | | | € |
| 87575-01510 | 1/2" x 3/8" | 450 | 10 | 2,04 |
| 87575-02015 | 3/4" x 1/2" | 280 | 10 | 2,71 |

- Rosca macho paralela
Parallel male thread

87550



RACOR DEPÓSITO CON TUERCA CORREDERA
TANK OUTLET CONNECTION



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|--------|
| CODE | SIZE | | | € |
| 87550-010 | 3/8" | 180 | 10 | 3,37 |
| 87550-015 | 1/2" | 120 | 10 | 4,28 |
| 87550-020 | 3/4" | 80 | 10 | 5,80 |
| 87550-025 | 1" | 50 | 5 | 8,70 |
| 87550-032 | 1 1/4" | 30 | 5 | 12,06 |
| 87550-040 | 1 1/2" | 25 | 1 | 18,68 |
| 87550-050 | 2" | 30 | 1 | 29,25 |
| 87550-065 | 2 1/2" | 22 | 1 | 75,96 |
| 87550-080 | 3" | 10 | 1 | 128,73 |

87560



RACOR BARCELONA MANGUERA
HOSE COUPLING BARCELONA HOSE-HOSE



| CÓDIGO | MEDIDA | | | € |
|-----------|---------|-----|----|-------|
| CODE | SIZE | | | € |
| 87560-020 | 20 x 20 | 120 | 10 | 11,28 |
| 87560-025 | 25 x 25 | 60 | 10 | 16,96 |
| 87560-030 | 30 x 30 | 40 | 5 | 19,87 |
| 87560-035 | 35 x 35 | 25 | 5 | 35,13 |
| 87560-040 | 40 x 40 | 22 | 1 | 29,60 |
| 87560-045 | 45 x 45 | 13 | 1 | 50,51 |
| 87560-050 | 50 x 50 | 22 | 1 | 50,78 |
| 87560-060 | 60 x 60 | 15 | 1 | 89,71 |

87561



RACOR BARCELONA M-M
M-M HOSE COUPLING BARCELONA



| CÓDIGO | MEDIDA | | | € |
|-----------|-----------------|-----|----|-------|
| CODE | SIZE | | | € |
| 87561-015 | 1/2" x 1/2" | 150 | 10 | 10,22 |
| 87561-020 | 3/4" x 3/4" | 110 | 10 | 15,53 |
| 87561-025 | 1" x 1" | 70 | 5 | 19,64 |
| 87561-032 | 1 1/4" x 1 1/4" | 35 | 5 | 30,35 |
| 87561-040 | 1 1/2" x 1 1/2" | 22 | 1 | 48,18 |
| 87561-050 | 2" x 2" | 24 | 1 | 82,11 |

87562



RACOR BARCELONA MACHO MANGUERA
M HOSE COUPLING BARCELONA HOSE



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|-----|----|-------|
| CODE | SIZE | | | € |
| 87562-1520 | 1/2" x 20 | 140 | 10 | 10,80 |
| 87562-2025 | 3/4" x 25 | 80 | 10 | 16,99 |
| 87562-2530 | 1" x 30 | 50 | 5 | 18,65 |
| 87562-3235 | 1 1/4" x 35 | 30 | 5 | 34,05 |
| 87562-4045 | 1 1/2" x 45 | 18 | 1 | 49,91 |
| 87562-5060 | 2" x 60 | 20 | 1 | 86,14 |

TABLA RECAMBIO JUNTAS (RACOR BARCELONA)
GASKETS SPARE PARTS TABLE (HOSE BARCELONA)

| RACOR BARCELONA | JUNTA | MEDIDA |
|-----------------|--------|--------------|
| HOSE BARCELONA | O-RING | SIZE |
| 87560-020 | | |
| 87561-015 | DN15 | 97900-015 |
| 87562-1520 | | |
| 87560-025 | | |
| 87561-020 | DN20 | 97900-020 |
| 87562-2025 | | |
| 87560-030 | | |
| 87561-025 | DN25 | 97900-025 |
| 87562-2530 | | |
| 87560-035 | | |
| 87560-040 | DN32 | 97900-032 |
| 87561-032 | | |
| 87562-3235 | | |
| 87560-045 | | |
| 87561-040 | DN40 | 97900-040 |
| 87562-4045 | | |
| 87560-050 | 50mm. | 97900-050mm. |
| 87560-060 | | |
| 87561-050 | DN50 | 97900-050 |
| 87562-5060 | | |

97001



RECAMBIO - JUNTA RACOR DEPÓSITO
SPARE PART - TANK OUTLET CONNECTION GASKET



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|------|-----|------|
| CODE | SIZE | | | € |
| 97001-010 | 3/8" | 1200 | 100 | 0,09 |
| 97001-015 | 1/2" | 1000 | 50 | 0,13 |
| 97001-020 | 3/4" | 700 | 50 | 0,21 |
| 97001-025 | 1" | 500 | 20 | 0,29 |
| 97001-032 | 1 1/4" | 300 | 10 | 0,45 |
| 97001-040 | 1 1/2" | 250 | 10 | 0,59 |
| 97001-050 | 2" | 200 | 10 | 0,88 |
| 97001-065 | 2 1/2" | 150 | 10 | 0,96 |
| 97001-080 | 3" | 90 | 10 | 1,85 |

97900



RECAMBIO - JUNTA RACOR BARCELONA
SPARE PART - WATERTIGHTNESS GASKET HOSE CONNECTION
BARCELONA



| CÓDIGO | MEDIDA | | | € |
|-------------|--------|------|-----|------|
| CODE | SIZE | | | € |
| 97900-015 | 15 | 1200 | 100 | 0,14 |
| 97900-020 | 20 | 1000 | 50 | 0,18 |
| 97900-025 | 25 | 700 | 50 | 0,24 |
| 97900-032 | 32 | 500 | 10 | 0,54 |
| 97900-040 | 40 | 250 | 10 | 0,62 |
| 97900-050MM | 60 | 300 | 10 | 0,77 |
| 97900-050 | 50 | 180 | 10 | 1,03 |

87570



RACOR EXPRESS MANGUERA
HOSE EXPRESS CONNECTION



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 87570-016 | 16 | 100 | 10 | 5,91 |
| 87570-022 | 22 | 70 | 10 | 6,84 |

- Disponible hasta agotar existencias
While stocks lasts

82130



CONEXIÓN GAS TE
TEE GAS CONNECTION



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 82130-008 | 8mm. | 400 | 10 | 3,13 |

82220



CONEXIÓN GAS Y
Y GAS CONNECTION



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 82220-008 | 8mm. | 400 | 10 | 3,22 |

82270



MANGUITO CONEXIÓN GAS
GAS CONNECTION SOCKET



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 82270-008 | 8mm. | 800 | 10 | 2,05 |



Rosca macho paralela / Rosca hembra paralela
Parallel male thread / Parallel female thread

SERIE 871

ACCESORIO DE LATÓN ROSCADO CROMADO

CHROME PLATED BRASS
THREADED FITTING

MATERIALES:

Cuerpo latón cromado
¼" - 1" UNE-EN-12165
1 ¼" - 4" UNE-EN-12164

COMPONENTS:

Body in chromed-plated brass
¼" - 1" UNE-EN-12165
1 ¼" - 4" UNE-EN-12164

ROSCADO CROMADO

CHROME PLATED THREADED



MÉTODO DE FABRICACIÓN:

Estampado en caliente

PRODUCTION METHOD:

Hot forged

CARACTERÍSTICAS:

Fabricado de acuerdo a la norma EN 1254-1

FEATURES:

Manufactured according to standard EN 1254-1

LEYENDA DE ICONOS

ICON KEY

Posibles codificaciones
aplicadas en esta sección.

Possible encodings applied
in this section.



Código de barras EAN
EAN bar code

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES

871090



CODO 90° H-H
F-F ELBOW 90°

NEW



| CÓDIGO | MEDIDA | | | € |
|------------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 871090-010 | 3/8" | 340 | 10 | 2,70 |
| 871090-015 | 1/2" | 180 | 10 | 3,16 |
| 871090-020 | 3/4" | 110 | 10 | 4,98 |
| 871090-025 | 1" | 60 | 5 | 7,61 |

871092



CODO 90° M-H
M-F ELBOW 90°

NEW



| CÓDIGO | MEDIDA | | | € |
|------------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 871092-010 | 3/8" | 280 | 10 | 3,13 |
| 871092-015 | 1/2" | 200 | 10 | 3,42 |
| 871092-020 | 3/4" | 100 | 10 | 5,12 |
| 871092-025 | 1" | 60 | 5 | 8,37 |

- Rosca macho paralela
Parallel male thread

871500



RACOR CODO MURAL
WALL PLATED ELBOW

NEW



| CÓDIGO | MEDIDA | | | € |
|------------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 871500-015 | 1/2" | 140 | 10 | 3,76 |

871130



TE IGUAL H
F EQUAL TEE

NEW



| CÓDIGO | MEDIDA | | | € |
|------------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 871130-010 | 3/8" | 150 | 10 | 3,16 |
| 871130-015 | 1/2" | 120 | 10 | 3,80 |
| 871130-020 | 3/4" | 60 | 10 | 6,24 |
| 871130-025 | 1" | 45 | 5 | 9,32 |

871240



MANGUITO REDUCCIÓN H-H
F-F REDUCING SOCKET

NEW



| CÓDIGO | MEDIDA | | | € |
|--------------|-------------|-----|----|------|
| CODE | SIZE | | | € |
| 871240-01510 | 1/2" x 3/8" | 300 | 10 | 2,09 |
| 871240-02015 | 3/4" x 1/2" | 210 | 10 | 2,81 |

871241



TUERCA REDUCCIÓN M-H
M-F REDUCING BUSHINGS

NEW



| CÓDIGO | MEDIDA | | | € |
|---------------|-------------|-----|----|------|
| CODE | SIZE | | | € |
| 871241-01510* | 1/2" x 3/8" | 500 | 10 | 1,18 |
| 871241-02015* | 3/4" x 1/2" | 300 | 10 | 1,77 |

- * Hexagonal / Hexagonal
- ** Octogonal / Octagonal
- Rosca macho paralela
Parallel male thread

871245



MACHÓN REDUCIDO M-M
M-M REDUCING NIPPLE

NEW



| CÓDIGO | MEDIDA | | | € |
|--------------|-------------|-----|----|------|
| CODE | SIZE | | | € |
| 871245-01510 | 1/2" x 3/8" | 500 | 10 | 1,74 |
| 871245-02015 | 3/4" x 1/2" | 270 | 10 | 2,36 |

- Rosca macho paralela
Parallel male thread

871246



MANGUITO REDUCCIÓN M-H
M-F REDUCING NIPPLE SOCKET

NEW



| CÓDIGO | MEDIDA | | | € |
|--------------|-------------|-----|----|------|
| CODE | SIZE | | | € |
| 871246-01015 | 3/8" x 1/2" | 400 | 10 | 2,07 |
| 871246-01510 | 1/2" x 3/8" | 500 | 10 | 1,83 |
| 871246-01520 | 1/2" x 3/4" | 280 | 10 | 2,90 |
| 871246-02015 | 3/4" x 1/2" | 280 | 10 | 2,57 |
| 871246-02520 | 1" x 3/4" | 150 | 5 | 4,14 |

- Rosca macho paralela
Parallel male thread

871270



MANGUITO H-H
F-F SOCKET

NEW



| CÓDIGO | MEDIDA | | | € |
|------------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 871270-010 | 3/8" | 400 | 10 | 1,86 |
| 871270-015 | 1/2" | 230 | 10 | 2,50 |
| 871270-020 | 3/4" | 140 | 10 | 3,70 |
| 871270-025 | 1" | 100 | 10 | 5,55 |

871280



MACHÓN M-M
M-M HEXAGON NIPPLE

NEW



| CÓDIGO | MEDIDA | | | € |
|------------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 871280-010 | 3/8" | 500 | 10 | 1,28 |
| 871280-015 | 1/2" | 300 | 10 | 1,82 |
| 871280-020 | 3/4" | 200 | 10 | 2,74 |
| 871280-025 | 1" | 120 | 5 | 3,59 |

- Rosca macho paralela
Parallel male thread

871290



TAPÓN MACHO CON REBORDE
M PLUG BEADED

NEW



| CÓDIGO | MEDIDA | | | € |
|------------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 871290-010 | 3/8" | 600 | 10 | 1,04 |
| 871290-015 | 1/2" | 470 | 10 | 1,37 |
| 871290-020 | 3/4" | 300 | 10 | 2,10 |
| 871290-025 | 1" | 200 | 5 | 3,13 |

- Rosca macho paralela
Parallel male thread

871300



TAPÓN HEXAGONAL H
F HEXAGON CAP

NEW



| CÓDIGO | MEDIDA | | | € |
|------------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 871300-010 | 3/8" | 600 | 10 | 1,13 |
| 871300-015 | 1/2" | 430 | 10 | 1,43 |
| 871300-020 | 3/4" | 300 | 10 | 2,06 |
| 871300-025 | 1" | 200 | 5 | 3,03 |

871529



MANGUITO IGUAL M-H "TIPO MARSELLA"
M-F EQUAL SOCKET 'MARSELLA TYPE'

NEW



| CÓDIGO | MEDIDA | | | € |
|------------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 871529-010 | 3/8" | 500 | 10 | 1,30 |
| 871529-015 | 1/2" | 320 | 10 | 1,98 |
| 871529-020 | 3/4" | 220 | 10 | 2,94 |
| 871529-025 | 1" | 110 | 5 | 4,65 |

- Rosca macho paralela
Parallel male thread

87534



ALARGADERA M-H (HEX. INTERIOR)
M-F EXTENSION FITTING (HEXAGON INSIDE)

NEW



| CÓDIGO | MEDIDA | | | € |
|--------------|----------------|-----|----|-------|
| CODE | SIZE | | | € |
| 87534-015020 | 1/2" x 20 mm. | 225 | 25 | 3,16 |
| 87534-015050 | 1/2" x 50 mm. | 120 | 5 | 6,20 |
| 87534-015100 | 1/2" x 100 mm. | 90 | 5 | 11,19 |

- Rosca macho paralela
Parallel male thread

871531



MANGUITO IGUAL M-H (HEXÁGONO INTERIOR)
M-F EQUAL SOCKET (HEXAGON INSIDE)

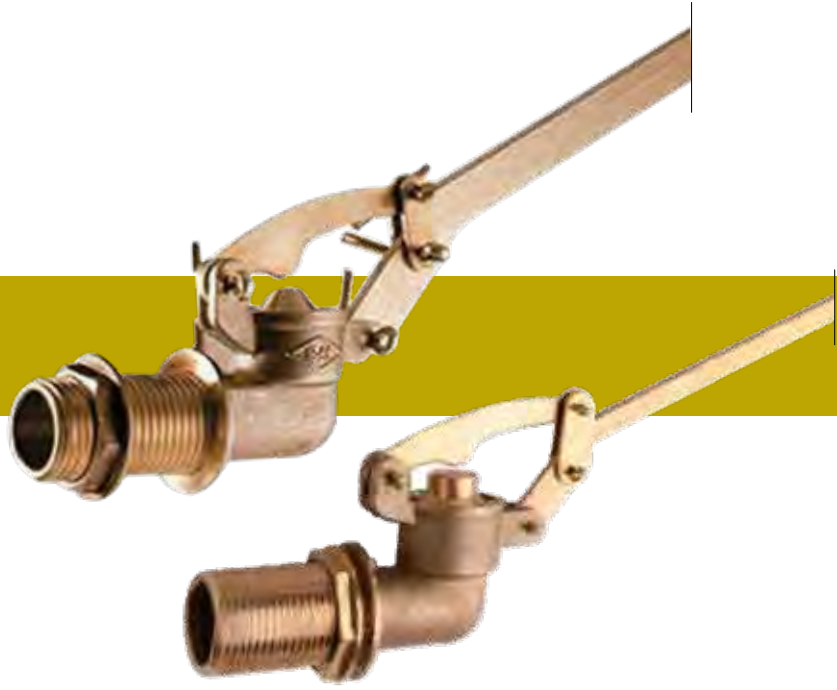
NEW



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|-----|----|------|
| CODE | SIZE | | | € |
| 871531-015 | 1/2" x 1 CM | 250 | 10 | 2,46 |

- Rosca macho paralela
Parallel male thread

NEW



VÁLVULAS DE FLOTADOR Y BOYAS

FLOAT VALVES AND BUOYS

MATERIALES:

Cuerpo latón
¼" - 1" UNE-EN-12165
1 ¼" - 4" UNE-EN-12164

COMPONENTS:

Body in brass
¼" - 1" UNE-EN-12165
1 ¼" - 4" UNE-EN-12164

VÁL. FLOTADOR Y BOYAS

FLOAT VALVES AND BUOYS



MÉTODO DE FABRICACIÓN:

Estampado en caliente

PRODUCTION METHOD:

Hot forged

CARACTERÍSTICAS:

Fabricado de acuerdo a la norma EN 1254-1
Diseñado para uso con tubería de cobre
EN 1057:1966

FEATURES:

Manufactured according to standard EN 1254-1
Designed for use on copper pipes EN 1057:1996

LEYENDA DE ICONOS

ICON KEY

Posibles codificaciones
aplicadas en esta sección.

Possible encodings applied
in this section.



Código de barras EAN
EAN bar code

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES

228410



VÁLVULA FLOTADOR CON VARILLA PLANA
FLOAT VALVE WITH FLAT BAR

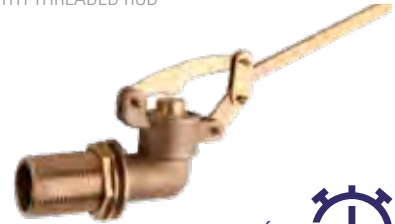


| CÓDIGO | MEDIDA | | | € |
|------------|--------|---|---|-----------|
| CODE | SIZE | | | € |
| 228410-015 | 1/2" | - | - | Consultar |
| 228410-020 | 3/4" | - | - | Consultar |
| 228410-025 | 1" | - | - | Consultar |
| 228410-032 | 1 1/4" | - | - | Consultar |
| 228410-040 | 1 1/2" | - | - | Consultar |
| 228410-050 | 2" | - | - | Consultar |

228420



VÁLVULA FLOTADOR CON VARILLA ROSCADA
FLOAT VALVE WITH THREADED ROD



| CÓDIGO | MEDIDA | ROSCA VARILLA | | | € |
|------------|--------|---------------|---|---|-----------|
| CODE | SIZE | ROD THREAD | | | € |
| 228420-015 | 1/2" | 6/100 | - | - | Consultar |
| 228420-020 | 3/4" | 7/100 | - | - | Consultar |
| 228420-025 | 1" | 8/100 | - | - | Consultar |
| 228420-032 | 1 1/4" | 9/100 | - | - | Consultar |
| 228420-040 | 1 1/2" | 9/100 | - | - | Consultar |
| 228420-050 | 2" | 9/100 | - | - | Consultar |

228421



BOYA DE PLÁSTICO ESFÉRICA PARA VÁLVULA FLOTADOR CON VARILLA ROSCADA
SPHERIC PLASTIC BUOY FOR FLOAT VALVE WITH THREADED ROD



| CÓDIGO | MEDIDA | ROSCA VARILLA | DIÁMETRO | | | € |
|--------------|-----------------|---------------|----------|---|---|-----------|
| CODE | SIZE | ROD THREAD | DIAMETER | | | € |
| 228421-015 | 1/2" | 6/100 | 11 | - | - | Consultar |
| 228421-020 | 3/4" | 7/100 | 13 | - | - | Consultar |
| 228421-025 | 1" | 8/100 | 15 | - | - | Consultar |
| 228421-03240 | 1 1/4" - 1 1/2" | 9/100 | 20 | - | - | Consultar |
| 228421-050 | 2" | 9/100 | 23 | - | - | Consultar |

228431



BOYA DE PLÁSTICO MIXTA PARA VÁLVULA FLOTADOR VARILLA PLANA Y ROSCADA
MIXED PLASTIC BUOY FOR FLOAT VALVE WITH FLAT AND THREADED ROD



| CÓDIGO | MEDIDA | ROSCA VARILLA | DIÁMETRO | | | € |
|--------------|-----------------|---------------|----------|---|---|-----------|
| CODE | SIZE | ROD THREAD | DIAMETER | | | € |
| 228431-015 | 1/2" | 6/100 | 12 | - | - | Consultar |
| 228431-020 | 3/4" | 7/100 | 12 | - | - | Consultar |
| 228431-025 | 1" | 8/100 | 15 | - | - | Consultar |
| 228431-03240 | 1 1/4" - 1 1/2" | 9/100 | 20 | - | - | Consultar |
| 228431-050 | 2" | 9/100 | 25 | - | - | Consultar |

Roscas de conexión según ISO 228/1
Connection threads according to standard ISO 228/1

Diseñado para
uso con tubería
de cobre
UNE-EN
1057:2007
Designed for use
with copper pipe
EN 1057:2007



Cuerpo de latón
UNE-EN-12164
Body made of brass
UNE-EN-12164

Presión máxima de trabajo:
30°C (16 Bar)
65°C (10 Bar)
110°C (6 Bar)
Max. working pressure:
30°C (16 Bar)
65°C (10 Bar)
110°C (6 Bar)

SERIE 86 ACCESORIO DE LATÓN PARA TUBERÍA DE COBRE BRASS FITTING FOR COPPER PIPE

CARACTERÍSTICAS:

Fabricado de acuerdo a la norma EN 1254-1
Diseñado para uso con tubería de cobre
UNE-EN 1057:2007

FEATURES:

Manufactured according to standard EN 1254-1
Designed for use with copper pipe EN 1057:2007

PE / Cu
PE / Cu


BRASS

Abreviaturas de materiales aplicadas en esta sección:

Abbreviations of materials applied in this section:

PE: polietileno / **PE:** polyethylene

Cu: cobre / **Cu:** copper

LEYENDA DE ICONOS

ICON KEY

Posibles codificaciones
aplicadas en esta sección.

Possible encodings applied
in this section.



Código de barras EAN
EAN bar code

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES

86090



CODO H-Cu
F-Cu ELBOW



| CÓDIGO | MEDIDA | | | € |
|------------|-----------|-----|----|------|
| CODE | SIZE | | | € |
| 86090-1215 | 12 x 1/2" | 300 | 25 | 1,62 |
| 86090-1415 | 14 x 1/2" | 300 | 25 | 1,77 |
| 86090-1515 | 15 x 1/2" | 250 | 25 | 1,97 |
| 86090-1815 | 18 x 1/2" | 250 | 25 | 2,58 |
| 86090-1820 | 18 x 3/4" | 160 | 10 | 3,96 |
| 86090-2215 | 22 x 1/2" | 160 | 10 | 3,63 |
| 86090-2220 | 22 x 3/4" | 130 | 10 | 4,44 |
| 86090-2820 | 28 x 3/4" | 90 | 10 | 5,92 |
| 86090-2825 | 28 x 1" | 70 | 5 | 7,64 |

86092



CODO M-Cu
M-Cu ELBOW



| CÓDIGO | MEDIDA | | | € |
|------------|-----------|-----|----|------|
| CODE | SIZE | | | € |
| 86092-1215 | 12 x 1/2" | 325 | 25 | 1,69 |
| 86092-1415 | 14 x 1/2" | 300 | 25 | 1,93 |
| 86092-1515 | 15 x 1/2" | 300 | 25 | 2,07 |
| 86092-1815 | 18 x 1/2" | 250 | 25 | 2,58 |
| 86092-2215 | 22 x 1/2" | 160 | 10 | 3,17 |
| 86092-2220 | 22 x 3/4" | 130 | 10 | 4,11 |

- Rosca macho paralela
Parallel male thread

86130



TE H-Cu
F-Cu TEE



| CÓDIGO | MEDIDA | | | € |
|------------|-----------|-----|----|------|
| CODE | SIZE | | | € |
| 86130-1215 | 12 x 1/2" | 275 | 25 | 2,71 |
| 86130-1415 | 14 x 1/2" | 250 | 25 | 2,64 |
| 86130-1515 | 15 x 1/2" | 250 | 25 | 2,64 |
| 86130-1815 | 18 x 1/2" | 150 | 10 | 3,47 |
| 86130-2215 | 22 x 1/2" | 120 | 10 | 4,45 |
| 86130-2820 | 28 x 3/4" | 60 | 5 | 6,88 |

86180



CRUZ Cu
Cu EQUAL CROSS



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 86180-015 | 15 | 200 | 10 | 4,27 |
| 86180-018 | 18 | 130 | 10 | 4,69 |
| 86180-022 | 22 | 80 | 10 | 6,55 |
| 86180-028 | 28 | 40 | 5 | 10,90 |

86472



CODO MURAL H-Cu
F-Cu WALL PLATED ELBOW



| CÓDIGO | MEDIDA | | | € |
|------------|-----------|-----|----|------|
| CODE | SIZE | | | € |
| 86472-1215 | 12 x 1/2" | 240 | 10 | 3,45 |
| 86472-1415 | 14 x 1/2" | 220 | 10 | 3,15 |
| 86472-1515 | 15 x 1/2" | 220 | 10 | 3,15 |
| 86472-1820 | 18 x 3/4" | 120 | 10 | 5,78 |
| 86472-2215 | 22 x 1/2" | 120 | 10 | 5,53 |
| 86472-2220 | 22 x 3/4" | 110 | 10 | 5,95 |

86243



ENTRONQUE M-Cu
M-Cu STRAIGHT CONNECTOR



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|-----|----|------|
| CODE | SIZE | | | € |
| 86243-1215 | 12 x 1/2" | 400 | 25 | 1,16 |
| 86243-1415 | 14 x 1/2" | 400 | 25 | 1,11 |
| 86243-1515 | 15 x 1/2" | 400 | 25 | 1,34 |
| 86243-1520 | 15 x 3/4" | 350 | 25 | 2,02 |
| 86243-1815 | 18 x 1/2" | 350 | 25 | 1,49 |
| 86243-1820 | 18 x 3/4" | 300 | 25 | 2,10 |
| 86243-2220 | 22 x 3/4" | 250 | 10 | 1,95 |
| 86243-2225 | 22 x 1" | 180 | 10 | 3,18 |
| 86243-2820 | 28 x 3/4" | 190 | 10 | 2,54 |
| 86243-2825 | 28 x 1" | 160 | 10 | 2,94 |
| 86243-3532* | 35 x 1 1/4" | 100 | 5 | 5,31 |

86270



ENLACE H-Cu
F-Cu STRAIGHT CONNECTOR



| CÓDIGO | MEDIDA | | | € |
|------------|-----------|-----|----|------|
| CODE | SIZE | | | € |
| 86270-1215 | 12 x 1/2" | 500 | 25 | 1,30 |
| 86270-1415 | 14 x 1/2" | 475 | 25 | 1,26 |
| 86270-1515 | 15 x 1/2" | 350 | 25 | 1,38 |
| 86270-1520 | 15 x 3/4" | 300 | 25 | 1,85 |
| 86270-1815 | 18 x 1/2" | 375 | 25 | 1,49 |
| 86270-1820 | 18 x 3/4" | 275 | 25 | 2,07 |
| 86270-2215 | 22 x 1/2" | 300 | 25 | 1,76 |
| 86270-2220 | 22 x 3/4" | 200 | 10 | 2,51 |
| 86270-2225 | 22 x 1" | 150 | 10 | 3,51 |
| 86270-2820 | 28 x 3/4" | 150 | 10 | 2,56 |
| 86270-2825 | 28 x 1" | 110 | 10 | 3,76 |

- Rosca macho paralela
Parallel male thread
- *Disponible hasta agotar existencias
*While stocks lasts

86301



TAPÓN Cu
Cu CAP



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|------|----|------|
| CODE | SIZE | | | € |
| 86301-012 | 12 | 600 | 25 | 0,69 |
| 86301-014 | 14 | 1050 | 25 | 0,86 |
| 86301-015 | 15 | 500 | 25 | 0,92 |
| 86301-018 | 18 | 500 | 10 | 1,37 |
| 86301-022 | 22 | 420 | 10 | 1,88 |
| 86301-028 | 28 | 200 | 5 | 2,80 |

86360



RACOR DOS PIEZAS
RECTO CON PRECINTO
H-Cu
F-Cu STRAIGHT
CONNECTION WITH
SEAL HOLE



| CÓDIGO | MEDIDA | | | € |
|------------|-----------|-----|----|------|
| CODE | SIZE | | | € |
| 86360-1215 | 12 x 1/2" | 350 | 25 | 2,37 |
| 86360-1415 | 14 x 1/2" | 325 | 25 | 2,39 |
| 86360-1515 | 15 x 1/2" | 325 | 25 | 2,71 |
| 86360-1520 | 15 x 3/4" | 250 | 25 | 3,83 |
| 86360-1815 | 18 x 1/2" | 250 | 25 | 3,12 |
| 86360-1820 | 18 x 3/4" | 190 | 10 | 4,18 |
| 86360-1825 | 18 x 1" | 130 | 10 | 5,70 |
| 86360-2215 | 22 x 1/2" | 210 | 10 | 4,39 |
| 86360-2220 | 22 x 3/4" | 160 | 10 | 4,56 |
| 86360-2225 | 22 x 1" | 120 | 10 | 6,01 |
| 86360-2825 | 28 x 1" | 90 | 10 | 6,43 |

- Asiento cónico
Tapered seat

86359



RACOR DOS PIEZAS
RECTO H-Cu
F-Cu STRAIGHT TAP
CONNECTION



| CÓDIGO | MEDIDA | | | € |
|------------|-----------|-----|----|------|
| CODE | SIZE | | | € |
| 86359-1215 | 12 x 1/2" | 350 | 25 | 2,05 |
| 86359-1415 | 14 x 1/2" | 325 | 25 | 2,02 |
| 86359-1515 | 15 x 1/2" | 325 | 25 | 2,51 |
| 86359-1520 | 15 x 3/4" | 250 | 25 | 3,39 |
| 86359-1815 | 18 x 1/2" | 250 | 25 | 2,73 |
| 86359-1820 | 18 x 3/4" | 190 | 10 | 3,82 |
| 86359-1825 | 18 x 1" | 130 | 10 | 5,23 |
| 86359-2215 | 22 x 1/2" | 210 | 10 | 2,87 |
| 86359-2220 | 22 x 3/4" | 160 | 10 | 4,27 |
| 86359-2225 | 22 x 1" | 120 | 10 | 5,31 |
| 86359-2825 | 28 x 1" | 90 | 10 | 5,74 |

- Asiento plano
Flat seat
- Junta plana de fibra
Fiber flat gasket

86361



RACOR DOS PIEZAS
CURVO H-Cu
F-Cu BEND TAP
CONNECTION



| CÓDIGO | MEDIDA | | | € |
|------------|-----------|-----|----|------|
| CODE | SIZE | | | € |
| 86361-1215 | 12 x 1/2" | 300 | 25 | 3,39 |
| 86361-1415 | 14 x 1/2" | 275 | 25 | 3,59 |
| 86361-1515 | 15 x 1/2" | 225 | 25 | 3,66 |
| 86361-1520 | 15 x 3/4" | 150 | 25 | 5,61 |
| 86361-1815 | 18 x 1/2" | 250 | 25 | 4,76 |
| 86361-1820 | 18 x 3/4" | 140 | 10 | 6,21 |
| 86361-1825 | 18 x 1" | 90 | 10 | 8,86 |
| 86361-2215 | 22 x 1/2" | 140 | 10 | 5,30 |
| 86361-2220 | 22 x 3/4" | 130 | 10 | 7,08 |
| 86361-2225 | 22 x 1" | 70 | 10 | 9,21 |

- Asiento cónico
Tapered seat

86362



ABRAZADERA TAPAPOROS
BRASS SEALING CLAMP



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 86362-010 | 10 | 150 | 10 | 10,06 |
| 86362-012 | 12 | 140 | 10 | 10,92 |
| 86362-015 | 15 | 90 | 10 | 15,93 |
| 86362-018 | 18 | 80 | 10 | 18,98 |
| 86362-022 | 22 | 50 | 10 | 20,70 |
| 86362-028 | 28 | 40 | 5 | 27,95 |
| 86362-035 | 35 | 25 | 5 | 34,26 |
| 86362-042 | 42 | 15 | 5 | 48,91 |
| 86362-054 | 54 | 10 | 5 | 79,21 |

- Para tubo cobre hidrosanitario e inoxidable
Hydrosanitary copper and stainless steel pipes

86363



ABRAZADERA TAPAPOROS CON DERIVACIÓN
BRASS SEALING CLAMP WITH FEMALE THREADED OUTLET



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|----|----|--------|
| CODE | SIZE | | | € |
| 86363-01515 | 15 x 1/2" | 80 | 10 | 22,32 |
| 86363-01815 | 18 x 1/2" | 70 | 10 | 23,09 |
| 86363-02215 | 22 x 1/2" | 50 | 10 | 25,21 |
| 86363-02820 | 28 x 3/4" | 30 | 5 | 35,68 |
| 86363-03520 | 35 x 3/4" | 25 | 5 | 44,77 |
| 86363-04225 | 42 x 1" | 15 | 5 | 61,90 |
| 86363-05432 | 54 x 1 1/4" | 10 | 5 | 101,81 |

- Para tubo cobre hidrosanitario e inoxidable
Hydrosanitary copper and stainless steel pipes

ACCESORIO DE LATÓN A COMPRESIÓN PARA TUBERÍA PE

BRASS COMPRESSION FITTING FOR PE PIPES



CARACTERÍSTICAS GENERALES

Cuerpo, tuercas y anillos fabricados en latón UNE-EN-12165
Juntas tóricas en EPDM
Roscas conexión según ISO 7-1: Rosca macho cónica
Rosca hembra paralela
Certificación DVGW

MATERIALES:

Cuerpo en latón
UNE EN 12165
Junta tórica en EPDM
Anillo junta en latón
UNE EN 12165
Anillo compresión en latón
UNE EN 12165
Tuercas en latón
UNE-EN 12165.

LÍMITES TÉCNICOS:

Dirección de flujo:
en los dos sentidos
Límites de temperatura:
de -20 °C a + 90 °C
Presión máxima de trabajo:
S88 S99 S98: 25 Bar
S89 S97: 16 Bar

Aptas para instalaciones de
distribución de agua y fluidos.
Compatible con tubos en polie-
tileno de alta y baja densidad.

GENERAL FEATURES:

Body, nuts and press rings made of brass UNE-EN-12165
EPDM O-rings
Connection threads according to ISO 7-1: Tapered male thread
Parallel female thread
DVGW certified

COMPONENTS:

Body in brass
UNE EN 12165
O'rings in EPDM
Compression ring in
brass UNE EN 12165
Neck-ring in brass
UNE EN 12165
Nut in brass
UNE EN 12165.

TECHNICAL LIMITS:

Flow direction:
Both ways
Temperature limit from
-20 °C to + 90 °C
Maximum operating pressure:
S88 S99 S98: 25 Bar
S89 S97: 16 Bar

Suitable for use in circuits
for water distribution and
non-aggressive fluids, with
high or low density
polyethylene pipes.



SERIE
88

ACCESORIO DE LATÓN A COMPRESIÓN ROSCA HEMBRA TUBERÍA PE

BRASS COMPRESION FITTING
FEMALE THREADING PE PIPES

Presión máxima de trabajo: 25 Bar
Max. working pressure: 25 Bar



PE / PE
PE / PE

MT®
BRASS

Abreviaturas de materiales aplicadas en esta sección:

Abbreviations of materials applied in this section:

PE: polietileno / **PE:** polyethylene

LEYENDA DE ICONOS ICON KEY

Posibles codificaciones
aplicadas en esta sección.

Possible encodings applied
in this section.



CERTIFICADOS DE PRODUCTO
PRODUCT CERTIFICATES



Código de barras EAN Recambios
EAN bar code Spare parts

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES

88010



MANGUITO ACOPLAMIENTO PE-PE
PE-PE STRAIGHT COUPLING



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 88010-020 | 20 | 80 | 10 | 7,76 |
| 88010-025 | 25 | 50 | 10 | 12,12 |
| 88010-032 | 32 | 30 | 5 | 16,17 |
| 88010-040 | 40 | 20 | 2 | 26,49 |
| 88010-050 | 50 | 13 | 1 | 39,05 |
| 88010-063 | 63 | 14 | 1 | 64,37 |

- Tope DN20-DN40; Sin tope DN50-DN63
Stopper DN20-DN40; without stopper DN50-DN63

88030



CODO 90° PE-PE
PE-PE ELBOW 90°



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 88030-020 | 20 | 70 | 10 | 8,59 |
| 88030-025 | 25 | 40 | 10 | 13,24 |
| 88030-032 | 32 | 25 | 5 | 20,58 |
| 88030-040 | 40 | 14 | 2 | 34,48 |
| 88030-050 | 50 | 9 | 1 | 51,19 |
| 88030-063 | 63 | 10 | 1 | 81,47 |

88050



RACOR TE IGUAL
PE EQUAL TEE



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|----|--------|
| CODE | SIZE | | | € |
| 88050-020 | 20 | 40 | 10 | 12,59 |
| 88050-025 | 25 | 30 | 10 | 19,02 |
| 88050-032 | 32 | 15 | 5 | 29,02 |
| 88050-040 | 40 | 10 | 2 | 46,56 |
| 88050-050 | 50 | 6 | 1 | 71,47 |
| 88050-063 | 63 | 7 | 1 | 116,12 |

88090



RACOR RECTO MACHO PE-M
PE-M MALE COUPLING



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|-----|----|-------|
| CODE | SIZE | | | € |
| 88090-02015 | 20 x 1/2" | 140 | 10 | 4,64 |
| 88090-02520 | 25 x 3/4" | 90 | 10 | 6,58 |
| 88090-03225 | 32 x 1" | 50 | 5 | 9,81 |
| 88090-04032 | 40 x 1 1/4" | 30 | 2 | 17,02 |
| 88090-05040 | 50 x 1 1/2" | 18 | 1 | 25,64 |
| 88090-06350 | 63 x 2" | 22 | 1 | 39,85 |

- Rosca macho cónica
Tapered male thread

88110



RACOR RECTO HEMBRA PE-H
PE-F FEMALE COUPLING



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|-----|----|-------|
| CODE | SIZE | | | € |
| 88110-02015 | 20 x 1/2" | 120 | 10 | 4,91 |
| 88110-02520 | 25 x 3/4" | 70 | 10 | 7,32 |
| 88110-03225 | 32 x 1" | 45 | 5 | 10,63 |
| 88110-04032 | 40 x 1 1/4" | 30 | 2 | 17,92 |
| 88110-05040 | 50 x 1 1/2" | 20 | 1 | 26,71 |
| 88110-06350 | 63 x 2" | 25 | 1 | 46,74 |

88130



CODO 90° MACHO PE-M
PE-M MALE ELBOW 90°



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|----|----|-------|
| CODE | SIZE | | | € |
| 88130-02015 | 20 x 1/2" | 90 | 10 | 6,49 |
| 88130-02520 | 25 x 3/4" | 60 | 10 | 9,49 |
| 88130-03225 | 32 x 1" | 40 | 5 | 14,25 |
| 88130-04032 | 40 x 1 1/4" | 22 | 2 | 24,74 |
| 88130-05040 | 50 x 1 1/2" | 13 | 1 | 36,72 |
| 88130-06350 | 63 x 2" | 15 | 1 | 58,77 |

- Rosca macho cónica
Tapered male thread

88150



CODO 90° HEMBRA PE-H
PE-F FEMALE ELBOW 90°



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|----|----|-------|
| CODE | SIZE | | | € |
| 88150-02015 | 20 x 1/2" | 90 | 10 | 6,26 |
| 88150-02520 | 25 x 3/4" | 50 | 10 | 9,84 |
| 88150-03225 | 32 x 1" | 35 | 5 | 16,10 |
| 88150-04032 | 40 x 1 1/4" | 24 | 2 | 24,32 |
| 88150-05040 | 50 x 1 1/2" | 13 | 1 | 37,75 |
| 88150-06350 | 63 x 2" | 14 | 1 | 64,34 |

88170



RACOR TE MACHO PE-M
PE-M MALE TEE



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|----|----|-------|
| CODE | SIZE | | | € |
| 88170-02015 | 20 x 1/2" | 60 | 10 | 9,75 |
| 88170-02520 | 25 x 3/4" | 30 | 10 | 14,73 |
| 88170-03225 | 32 x 1" | 20 | 5 | 21,96 |
| 88170-04032 | 40 x 1 1/4" | 10 | 2 | 36,26 |
| 88170-05040 | 50 x 1 1/2" | 7 | 1 | 57,81 |
| 88170-06350 | 63 x 2" | 9 | 1 | 96,60 |

- Rosca macho cónica
Tapered male thread

88190



RACOR TE HEMBRA PE-H
PE-F FEMALE TEE



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|----|----|-------|
| CODE | SIZE | | | € |
| 88190-02015 | 20 x 1/2" | 60 | 10 | 9,74 |
| 88190-02520 | 25 x 3/4" | 30 | 10 | 14,95 |
| 88190-03225 | 32 x 1" | 20 | 5 | 22,18 |
| 88190-04032 | 40 x 1 1/4" | 10 | 2 | 38,29 |
| 88190-05040 | 50 x 1 1/2" | 7 | 1 | 63,23 |
| 88190-06350 | 63 x 2" | 9 | 1 | 96,61 |

88500



RACOR CODO MURAL
WALL PLATED ELBOW



| CÓDIGO | MEDIDA | | | € |
|-------------|-----------|----|----|-------|
| CODE | SIZE | | | € |
| 88500-02015 | 20 x 1/2" | 60 | 10 | 9,72 |
| 88500-02520 | 25 x 3/4" | 40 | 10 | 13,56 |
| 88500-03225 | 32 x 1" | 25 | 5 | 21,58 |

4100



VÁLVULA ESFERA PN-30 PALANCA INOX. COLOR ROJO CON
CONEXIÓN PE BALL VALVE PN-30 RED S.S. HANDLE WITH
CONNECTIONS PE



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 4100-020 | 20 | 24 | 6 | 16,30 |
| 4100-025 | 25 | 16 | 4 | 23,96 |
| 4100-032 | 32 | 12 | 3 | 34,73 |

4101



VÁLVULA ESFERA PN-30 PALANCA INOX. COLOR ROJO CON
CONEXIÓN PE-H BALL VALVE PN-30 RED S.S. HANDLE WITH
CONNECTIONS PE-H



| CÓDIGO | MEDIDA | | | € |
|------------|-----------|----|---|-------|
| CODE | SIZE | | | € |
| 4101-01520 | 1/2" x 20 | 32 | 8 | 12,93 |
| 4101-02025 | 3/4" x 25 | 24 | 6 | 18,82 |
| 4101-02532 | 1" x 32 | 16 | 4 | 27,68 |

889901



CONO DE PRESIÓN INTERNO
INTERNAL PRESSURE CONE



| CÓDIGO | MEDIDA | | | € |
|------------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 889901-020 | 20 | 250 | 10 | 0,67 |
| 889901-025 | 25 | 150 | 10 | 0,97 |
| 889901-032 | 32 | 100 | 10 | 1,60 |
| 889901-040 | 40 | 50 | 10 | 3,08 |
| 889901-050 | 50 | 40 | 10 | 5,23 |
| 889901-063 | 63 | 36 | 1 | 8,57 |

88900



RECAMBIO - ANILLO COMPRESIÓN PLÁSTICO
SPARE PART - PLASTIC COMPRESSION RING



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|------|----|------|
| CODE | SIZE | | | € |
| 88900-020 | 20 | 1000 | 25 | 0,14 |
| 88900-025 | 25 | 600 | 25 | 0,17 |
| 88900-032 | 32 | 320 | 10 | 0,21 |
| 88900-040 | 40 | 200 | 10 | 0,35 |
| 88900-050 | 50 | 160 | 10 | 0,41 |
| 88900-063 | 63 | 90 | 10 | 0,82 |

88901



RECAMBIO - ANILLO COMPRESIÓN LATÓN
SPARE PART - BRASS COMPRESSION RING



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 88901-020 | 20 | 900 | 25 | 0,65 |
| 88901-025 | 25 | 500 | 25 | 1,10 |
| 88901-032 | 32 | 280 | 10 | 1,45 |
| 88901-040 | 40 | 160 | 10 | 2,50 |
| 88901-050 | 50 | 120 | 10 | 3,35 |
| 88901-063 | 63 | 70 | 10 | 6,59 |

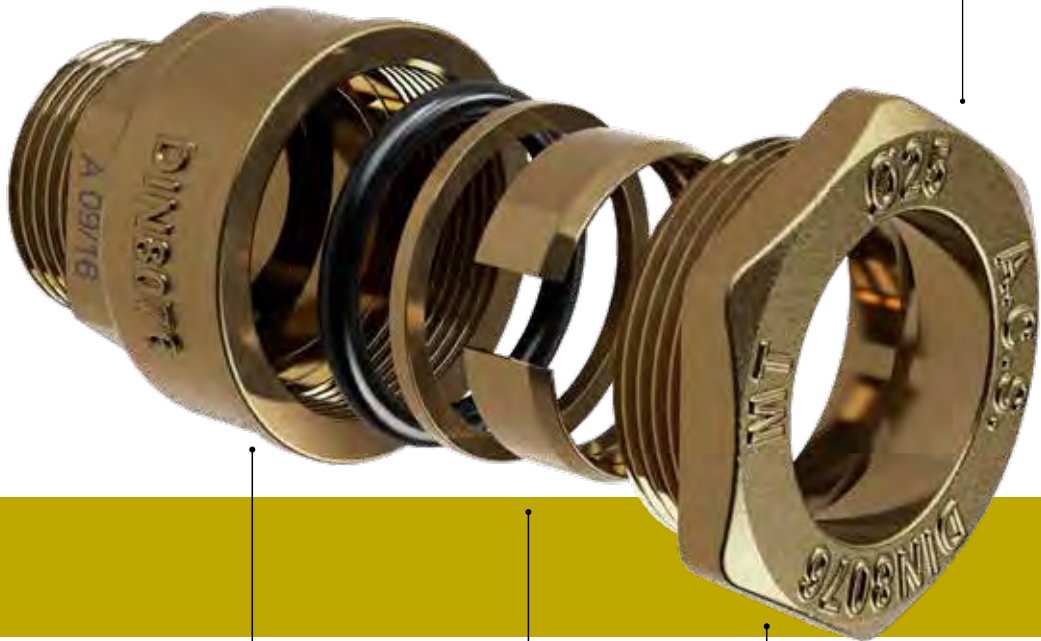
88902



RECAMBIO - JUNTA TÓRICA NBR 70
SPARE PART - O-RING NBR 70



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|------|----|------|
| CODE | SIZE | | | € |
| 88902-020 | 20 | 1000 | 25 | 0,17 |
| 88902-025 | 25 | 600 | 25 | 0,28 |
| 88902-032 | 32 | 320 | 10 | 0,35 |
| 88902-040 | 40 | 200 | 10 | 0,58 |
| 88902-050 | 50 | 160 | 10 | 0,91 |
| 88902-063 | 63 | 90 | 10 | 1,04 |



Presión máxima de trabajo: 25 Bar
Max. working pressure: 25 Bar

Uso en agua fría y caliente.
Use of cold and hot water.

Rosca macho cónica /
Rosca hembra paralela
Tapered male thread /
Parallel female thread

Compatible
con tuberías PE
Compatible to
PE pipes

LEYENDA DE ICONOS
ICON KEY

Posibles codificaciones
aplicadas en esta sección.

Possible encodings applied
in this section.



CERTIFICADOS DE PRODUCTO
PRODUCT CERTIFICATES



Código de barras EAN Recambios
EAN bar code Spare parts

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES



SERIE 99

ACCESORIO DE LATÓN A COMPRESIÓN ROSCA MACHO TUBERÍA PE

BRASS COMPRESION FITTING MALE
THREADING PE PIPES

PE / PE
PE / PE

MT[®]
BRASS

MATERIALES:

Cuerpo, tuercas y anillos fabricados en latón UNE-EN-12164
Juntas en EPDM
Roscas conexión según 7-1

CARACTERÍSTICAS:

Certificación ACS

COMPONENTS:

Body, nuts and press rings made of brass UNE-EN-12164
EPDM O-rings
Connection threads according to 7-1

FEATURES:

ACS certified

Abreviaturas de materiales aplicadas en esta sección:

Abbreviations of materials applied in this section:

PE: polietileno / **PE:** polyethylene

99010



MANGUITO ACOPLAMIENTO PE-PE
PE-PE STRAIGHT COUPLING



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 99010-020 | 20 | 80 | 10 | 8,91 |
| 99010-025 | 25 | 50 | 10 | 11,61 |
| 99010-032 | 32 | 35 | 5 | 17,80 |
| 99010-040 | 40 | 24 | 2 | 29,17 |
| 99010-050 | 50 | 16 | 1 | 40,14 |
| 99010-063 | 63 | 18 | 1 | 68,53 |

- Tope DN20-DN40; Sin tope DN50/DN63
Stopper DN20-DN40; without stopper DN50/DN63

99020



MANGUITO ACOPLAMIENTO PE-PE EXTRA LARGO
PE-PE EXTRA LARGE SOCKET



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 99020-020 | 20 | 40 | 10 | 13,64 |
| 99020-025 | 25 | 30 | 10 | 16,61 |
| 99020-032 | 32 | 28 | 4 | 22,62 |
| 99020-040 | 40 | 16 | 2 | 33,05 |
| 99020-050 | 50 | 9 | 1 | 53,98 |
| 99020-063 | 63 | 12 | 1 | 87,81 |

- Sin tope
Without stopper

99030



CODO 90° PE-PE
PE-PE EQUAL ELBOW 90°



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 99030-020 | 20 | 60 | 10 | 10,14 |
| 99030-025 | 25 | 40 | 10 | 13,91 |
| 99030-032 | 32 | 25 | 5 | 20,43 |
| 99030-040 | 40 | 18 | 2 | 33,75 |
| 99030-050 | 50 | 11 | 1 | 46,98 |
| 99030-063 | 63 | 12 | 1 | 76,83 |

99050



RACOR TE PE
PE EQUAL TEE



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|----|--------|
| CODE | SIZE | | | € |
| 99050-020 | 20 | 40 | 10 | 14,11 |
| 99050-025 | 25 | 30 | 10 | 20,88 |
| 99050-032 | 32 | 15 | 5 | 31,77 |
| 99050-040 | 40 | 12 | 2 | 41,87 |
| 99050-050 | 50 | 6 | 1 | 68,06 |
| 99050-063 | 63 | 8 | 1 | 111,43 |

99090



RACOR RECTO MACHO PE-M
PE-M STRAIGHT MALE COUPLING



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|-----|----|-------|
| CODE | SIZE | | | € |
| 99090-02015 | 20 x 1/2" | 130 | 10 | 5,58 |
| 99090-02515 | 25 x 1/2" | 100 | 10 | 7,25 |
| 99090-02520 | 25 x 3/4" | 90 | 10 | 7,55 |
| 99090-03225 | 32 x 1" | 50 | 5 | 11,24 |
| 99090-04032 | 40 x 1 1/4" | 36 | 2 | 17,13 |
| 99090-05040 | 50 x 1 1/2" | 26 | 1 | 25,49 |
| 99090-06350 | 63 x 2" | 30 | 1 | 41,81 |

- Rosca macho cónica
Tapered male thread

99110



RACOR RECTO HEMBRA PE-H
PE-F STRAIGHT FEMALE COUPLING



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|-----|----|-------|
| CODE | SIZE | | | € |
| 99110-02015 | 20 x 1/2" | 120 | 10 | 5,53 |
| 99110-02515 | 25 x 1/2" | 90 | 10 | 6,84 |
| 99110-02520 | 25 x 3/4" | 80 | 10 | 7,20 |
| 99110-03225 | 32 x 1" | 50 | 5 | 10,38 |
| 99110-04032 | 40 x 1 1/4" | 36 | 2 | 16,64 |
| 99110-05040 | 50 x 1 1/2" | 25 | 1 | 23,34 |
| 99110-06350 | 63 x 2" | 28 | 1 | 42,85 |

99130



CODO MACHO PE-M
PE-M MALE ELBOW



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|----|----|-------|
| CODE | SIZE | | | € |
| 99130-02015 | 20 x 1/2" | 90 | 10 | 7,11 |
| 99130-02520 | 25 x 3/4" | 60 | 10 | 9,22 |
| 99130-03225 | 32 x 1" | 35 | 5 | 14,16 |
| 99130-04032 | 40 x 1 1/4" | 22 | 2 | 23,50 |
| 99130-05040 | 50 x 1 1/2" | 16 | 1 | 33,39 |
| 99130-06350 | 63 x 2" | 17 | 1 | 54,19 |

- Rosca macho cónica
Tapered male thread

99150



CODO HEMBRA PE-H
PE-F FEMALE ELBOW



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|-----|----|-------|
| CODE | SIZE | | | € |
| 99150-02015 | 20 x 1/2" | 100 | 10 | 6,51 |
| 99150-02515 | 25 x 1/2" | 80 | 10 | 8,97 |
| 99150-02520 | 25 x 3/4" | 70 | 10 | 9,42 |
| 99150-03225 | 32 x 1" | 40 | 5 | 13,26 |
| 99150-04032 | 40 x 1 1/4" | 24 | 2 | 21,87 |
| 99150-05040 | 50 x 1 1/2" | 18 | 1 | 32,60 |
| 99150-06350 | 63 x 2" | 20 | 1 | 50,80 |

99170



RACOR TE MACHO PE-M-PE
PE-M-PE MALE TEE



| CÓDIGO | MEDIDA | | | € |
|-------------|-----------|----|----|-------|
| CODE | SIZE | | | € |
| 99170-02015 | 20 x 1/2" | 50 | 10 | 10,97 |
| 99170-02520 | 25 x 3/4" | 30 | 10 | 14,10 |
| 99170-03225 | 32 x 1" | 20 | 5 | 21,79 |

- Rosca macho cónica
Tapered male thread

99190



RACOR TE HEMBRA PE-H-PE
PE-F-PE FEMALE TEE



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|----|----|-------|
| CODE | SIZE | | | € |
| 99190-02015 | 20 x 1/2" | 50 | 10 | 11,90 |
| 99190-02515 | 25 x 1/2" | 40 | 10 | 14,33 |
| 99190-02520 | 25 x 3/4" | 30 | 10 | 15,03 |
| 99190-03225 | 32 x 1" | 20 | 5 | 21,78 |
| 99190-04032 | 40 x 1 1/4" | 14 | 2 | 33,60 |
| 99190-05040 | 50 x 1 1/2" | 6 | 1 | 51,20 |
| 99190-06350 | 63 x 2" | 10 | 1 | 82,89 |

99120



RACOR DOS PIEZAS RECTO PE-H
PE-F STRAIGHT TAP CONNECTOR



| CÓDIGO | MEDIDA | | | € |
|-------------|-----------|-----|----|-------|
| CODE | SIZE | | | € |
| 99120-02015 | 20 x 1/2" | 100 | 10 | 7,46 |
| 99120-02020 | 20 x 3/4" | 90 | 10 | 7,68 |
| 99120-02520 | 25 x 3/4" | 60 | 10 | 10,64 |
| 99120-03225 | 32 x 1" | 45 | 5 | 16,68 |

99500



RACOR CODO MURAL PE-H
PE-F WALL PLATED ELBOW



| CÓDIGO | MEDIDA | | | € |
|-------------|-----------|----|----|-------|
| CODE | SIZE | | | € |
| 99500-02015 | 20 x 1/2" | 60 | 10 | 9,08 |
| 99500-02515 | 25 x 1/2" | 50 | 10 | 11,69 |
| 99500-02520 | 25 x 3/4" | 40 | 10 | 12,36 |
| 99500-03225 | 32 x 1" | 25 | 5 | 18,03 |

889901



CONO DE PRESIÓN INTERNO
INTERNAL PRESSURE CONE



| CÓDIGO | MEDIDA | | | € |
|------------|--------|-----|----|------|
| CODE | SIZE | | | € |
| 889901-020 | 20 | 250 | 10 | 0,67 |
| 889901-025 | 25 | 150 | 10 | 0,97 |
| 889901-032 | 32 | 100 | 10 | 1,60 |
| 889901-040 | 40 | 50 | 10 | 3,08 |
| 889901-050 | 50 | 40 | 10 | 5,23 |
| 889901-063 | 63 | 36 | 1 | 8,57 |

99902



RECAMBIO - JUNTA TÓRICA DE ESTANQUEIDAD NBR70
SPARE PART - WATERTIGHTNESS O'RING NBR70



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|---|---|------|
| CODE | SIZE | | | € |
| 99902-020 | 20 | 1 | 1 | 0,28 |
| 99902-025 | 25 | 1 | 1 | 0,28 |
| 99902-032 | 32 | 1 | 1 | 0,46 |
| 99902-040 | 40 | 1 | 1 | 0,63 |
| 99902-050 | 50 | 1 | 1 | 1,09 |
| 99902-063 | 63 | 1 | 1 | 1,28 |

99901



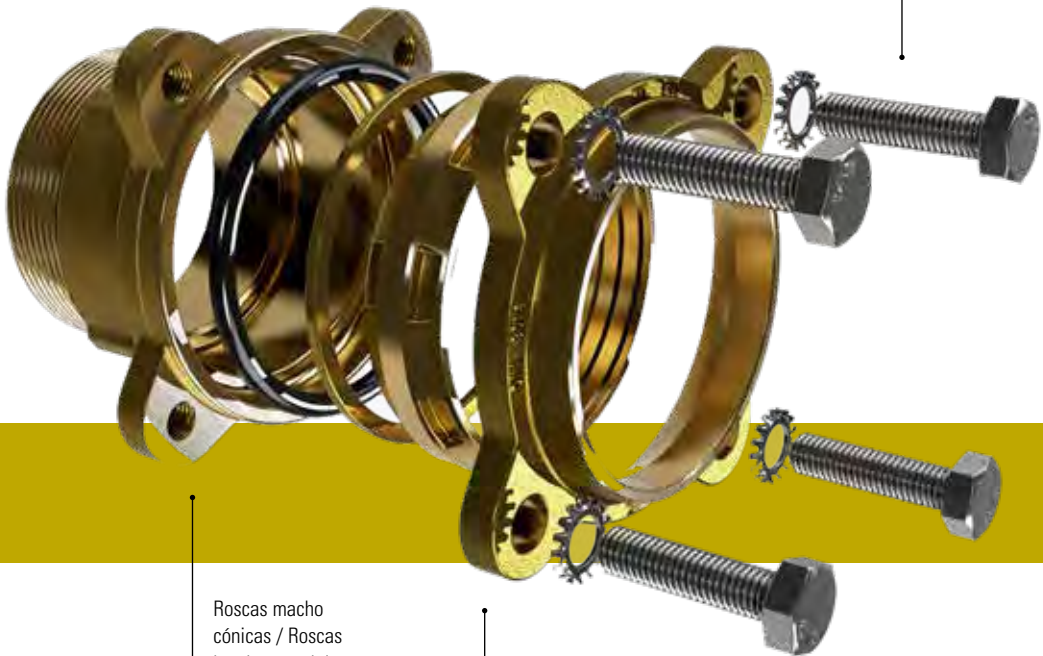
RECAMBIO - ANILLO DE COMPRESIÓN LATÓN
SPARE PART - BRASS COMPRESSION RING



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|------|----|------|
| CODE | SIZE | | | € |
| 99901-020 | 20 | 1200 | 25 | 0,60 |
| 99901-025 | 25 | 750 | 25 | 0,71 |
| 99901-032 | 32 | 420 | 10 | 1,10 |
| 99901-040 | 40 | 230 | 10 | 1,48 |
| 99901-050 | 50 | 150 | 10 | 2,93 |
| 99901-063 | 63 | 100 | 10 | 4,24 |

Garantizada para su uso en
agua fría y caliente
Guaranteed for the use of
cold and hot

Tornillos en acero inoxidable
Stainless steel bolts



Roscas macho
cónicas / Roscas
hembra paralelas
Tapered male
threads / Parallel
female threads

Presión máxima de trabajo: 16 Bar (PN-16)
Max. working pressure: 16 Bar (PN-16)

LEYENDA DE ICONOS
ICON KEY

Posibles codificaciones
aplicadas en esta sección.

Possible encodings applied
in this section.



Código de barras EAN Recambios
EAN bar code Spare parts

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES

SERIE 89

ACCESORIO DE LATÓN A COMPRESIÓN CON BRIDAS TUBERÍA PE BRASS COMPRESION FLANGE FITTING PE PIPES

PE / PE
PE / PE



MATERIALES:

Cuerpo, contrabrida y anillos fabricados en latón UNE-EN-12164
Juntas tóricas en EPDM
Tornillería en acero inoxidable AISI-304
Roscas conexión según ISO 7-1
Rosca macho cónica
Rosca hembra paralela

COMPONENTS:

Body, counter flange and rings made of brass UNE-EN-12164
EPDM O-rings
Stainless steel bolts AISI-304
Connection threads according to ISO 7-1
Tapered male thread
Parallel female thread

Abreviaturas de materiales aplicadas en esta sección:

Abbreviations of materials applied in this section:

PE: polietileno / **PE:** polyethylene

89022



MANGUITO ACOPLAMIENTO PE-PE
PE-PE STRAIGHT COUPLING



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|---|---|--------|
| CODE | SIZE | | | € |
| 89022-075 | 75 | 4 | 1 | 121,88 |
| 89022-090 | 90 | 4 | 1 | 193,63 |
| 89022-110 | 110 | 2 | 1 | 292,30 |

- Tornillos en acero inoxidable
Stainless steel bolts
- Tope manguera
Hose stopper

89042



RACOR CODO 90° PE-PE
PE-PE EQUAL ELBOW 90°



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|---|---|--------|
| CODE | SIZE | | | € |
| 89042-075 | 75 | 3 | 1 | 147,89 |
| 89042-090 | 90 | 1 | 1 | 245,26 |
| 89042-110 | 110 | 1 | 1 | 369,69 |

- Tornillos en acero inoxidable
Stainless steel bolts

89062



RACOR TE PE
PE TEE PIECE



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|---|---|--------|
| CODE | SIZE | | | € |
| 89062-075 | 75 | 2 | 1 | 285,18 |
| 89062-090 | 90 | 1 | 1 | 348,14 |
| 89062-110 | 110 | 1 | 1 | 540,59 |

- Tornillos en acero inoxidable
Stainless steel bolts

89102



RACOR RECTO PE-M
PE-M COUPLING



| CÓDIGO | MEDIDA | | | € |
|--------------|-------------|---|---|--------|
| CODE | SIZE | | | € |
| 89102-075065 | 75 x 2 1/2" | 6 | 1 | 77,65 |
| 89102-090080 | 90 x 3" | 5 | 1 | 117,11 |
| 89102-110100 | 110 x 4" | 3 | 1 | 194,85 |

- Tornillos en acero inoxidable
Stainless steel bolts
- Rosca macho cónica
Tapered male thread

89122



RACOR RECTO PE-H
PE-F COUPLING



| CÓDIGO | MEDIDA | | | € |
|--------------|-------------|---|---|--------|
| CODE | SIZE | | | € |
| 89122-075065 | 75 x 2 1/2" | 6 | 1 | 74,74 |
| 89122-090080 | 90 x 3" | 5 | 1 | 121,75 |
| 89122-110100 | 110 x 4" | 3 | 1 | 178,80 |

- Tornillos en acero inoxidable
Stainless steel bolts

89142



RACOR CODO PE-M
PE-M ELBOW 90°



| CÓDIGO | MEDIDA | | | € |
|--------------|-------------|---|---|--------|
| CODE | SIZE | | | € |
| 89142-075065 | 75 x 2 1/2" | 4 | 1 | 108,37 |
| 89142-090080 | 90 x 3" | 2 | 1 | 184,46 |

- Tornillos en acero inoxidable
Stainless steel bolts

89162



RACOR CODO PE-H
PE-F ELBOW 90°



| CÓDIGO | MEDIDA | | | € |
|--------------|-------------|---|---|--------|
| CODE | SIZE | | | € |
| 89162-075065 | 75 x 2 1/2" | 4 | 1 | 95,96 |
| 89162-090080 | 90 x 3" | 2 | 1 | 152,94 |
| 89162-110100 | 110 x 4" | 1 | 1 | 240,60 |

- Tornillos en acero inoxidable
Stainless steel bolts

89202



RACOR TE PE-H-PE
PE-F-PE TEE PIECE



| CÓDIGO | MEDIDA | | | € |
|--------------|------------------|---|---|--------|
| CODE | SIZE | | | € |
| 89202-075065 | 75 x 2 1/2" x 75 | 2 | 1 | 179,20 |
| 89202-090080 | 90 x 3" x 90 | 1 | 1 | 298,77 |
| 89202-110100 | 110 x 4" x 110 | 1 | 1 | 603,44 |

- Tornillos en acero inoxidable
Stainless steel bolts

89900



RECAMBIO - JUEGO DE CUATRO TORNILLOS Y ARANDELAS
SPARE PART - SET OF FOUR BOLTS AND WASHERS



| CÓDIGO | MEDIDA | | | € |
|----------|--------|-----|---|------|
| CODE | SIZE | | | € |
| 89900-01 | 75 | 150 | 1 | 7,79 |
| 89900-02 | 90-110 | 130 | 1 | 9,15 |

- Tornillos en acero inoxidable
Stainless steel bolts

89902



RECAMBIO - JUNTA TÓRICA DE ESTANQUEIDAD NBR70
SPARE PART - WATERTIGHTNESS O-RING NBR70



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|---|---|------|
| CODE | SIZE | | | € |
| 89902-075 | 75 | 1 | 1 | 1,73 |
| 89902-090 | 90 | 1 | 1 | 3,65 |
| 89902-110 | 110 | 1 | 1 | 4,25 |

SERIE 97

RIEGO: ACCESORIO DE LATÓN PARA TUBERÍA PE A PRESIÓN

IRRIGATION: BRASS FITTING
FOR PRESSURE PE PIPES



Rosca ISO 228
Threated ISO 228

Presión máxima de trabajo: 16 Bar (PN-16)
Max. working pressure: 16 Bar (PN-16)

PE / PE
PE / PE

MT®
BRASS

Cuerpo de latón UNE-EN-12164
Body in brass UNE-EN-12164

MATERIALES:

Cuerpo en latón UNE-EN-12164
Roscas conexión según ISO 228

COMPONENTS:

Body made of brass UNE-EN-12164
Connection threads according to ISO 228

Abreviaturas de materiales aplicadas en esta sección:

Abbreviations of materials applied in this section:

PE: polietileno / **PE:** polyethylene

LEYENDA DE ICONOS ICON KEY

Posibles codificaciones
aplicadas en esta sección.

Possible encodings applied
in this section.



Código de barras EAN
EAN bar code

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES

97130



RACOR TE PE
PE EQUAL TEE



| CÓDIGO | MEDIDA | | | € |
|-----------|--------------|----|---|-------|
| CODE | SIZE | | | € |
| 97130-032 | 32 x 32 x 32 | 30 | 5 | 18,04 |

97131



RACOR TE PE-H-PE
PE-F-PE FEMALE TEE



| CÓDIGO | MEDIDA | | | € |
|-----------|----------------|----|---|-------|
| CODE | SIZE | | | € |
| 97131-032 | 32 x 3/4" x 32 | 40 | 5 | 20,20 |

97132



RACOR TE PE-M-PE
PE-M-PE MALE TEE



| CÓDIGO | MEDIDA | | | € |
|-----------|--------------|----|---|-------|
| CODE | SIZE | | | € |
| 97132-032 | 32 x 1" x 32 | 40 | 5 | 16,28 |

97270



MANGUITO ACOPLAMIENTO PE-PE
PE-PE STRAIGHT COUPLING



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|---|------|
| CODE | SIZE | | | € |
| 97270-032 | 32 | 75 | 5 | 9,25 |

- Rosca macho paralela
Parallel male thread

97280



RACOR RECTO MACHO PE-M
PE-M MALE COUPLING



| CÓDIGO | MEDIDA | | | € |
|-------------|---------|----|---|------|
| CODE | SIZE | | | € |
| 97280-03225 | 32 x 1" | 75 | 5 | 9,03 |

- Rosca macho paralela
Parallel male thread

97091



CODO 90° HEMBRA PE-H
PE-F FEMALE ELBOW



| CÓDIGO | MEDIDA | | | € |
|-------------|-----------|----|---|-------|
| CODE | SIZE | | | € |
| 97091-03220 | 32 x 3/4" | 65 | 5 | 10,03 |

MATERIALES:

Cuerpo, tuercas y anillos fabricados en latón UNE-EN-12164
Juntas en NBR

COMPONENTS:

Body, nuts and press rings made of brass UNE-EN-12164
NBR O-rings



LEYENDA DE ICONOS

ICON KEY

Posibles codificaciones
aplicadas en esta sección.

Possible encodings applied
in this section.



Código de barras EAN
EAN bar code

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES

SERIE 98

ACCESORIO DE LATÓN PARA TUBO DE HIERRO

BRASS COMPRESSION FITTING
FOR IRON PIPE

COMPRESIÓN COMPRESSION



CARACTERÍSTICAS GENERALES:

Condiciones de presión según DIN-8076-1
Resiste estanqueidad probada hasta una presión de 40 Bares
Roscas conexión según ISO 228

GENERAL FEATURES:

Pressure conditions according DIN-8076-1
Resist pressure leak-tightness tested until 40 Bar
Connection threads according to ISO 228

Abreviaturas de materiales aplicadas en esta sección:

Abbreviations of materials applied in this section:

PE: polietileno / **PE:** polyethylene

Fe: hierro / **Fe:** iron

98010



MANGUITO ACOPLAMIENTO Fe-Fe
Fe-Fe STRAIGHT COUPLING



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|----|--------|
| CODE | SIZE | | | € |
| 98010-021 | 21 | 70 | 10 | 14,57 |
| 98010-027 | 27 | 50 | 10 | 17,80 |
| 98010-034 | 34 | 30 | 5 | 24,84 |
| 98010-043 | 43 | 22 | 2 | 36,98 |
| 98010-049 | 49 | 15 | 1 | 61,93 |
| 98010-061 | 61 | 18 | 1 | 111,48 |

98020



MANGUITO HIERRO Fe-PE
Fe-PE STRAIGHT



| CÓDIGO | MEDIDA | | | € |
|-------------|---------|----|----|--------|
| CODE | SIZE | | | € |
| 98020-02021 | 20 x 21 | 70 | 10 | 14,94 |
| 98020-02527 | 25 x 27 | 50 | 10 | 17,34 |
| 98020-03234 | 32 x 34 | 30 | 5 | 22,14 |
| 98020-04043 | 40 x 43 | 22 | 2 | 37,99 |
| 98020-05049 | 50 x 49 | 15 | 1 | 52,13 |
| 98020-06361 | 63 x 61 | 18 | 1 | 106,05 |

98090



RACOR RECTO MACHO Fe-M
Fe-M STRAIGHT COUPLING



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|-----|----|-------|
| CODE | SIZE | | | € |
| 98090-02115 | 21 X 1/2" | 120 | 10 | 9,08 |
| 98090-02720 | 27 x 3/4" | 80 | 10 | 10,78 |
| 98090-03425 | 34 x 1" | 55 | 5 | 15,91 |
| 98090-04332 | 43 x 1 1/4" | 36 | 2 | 21,56 |
| 98090-04940 | 49 x 1 1/2" | 24 | 1 | 36,10 |
| 98090-06150 | 61 x 2" | 30 | 1 | 61,16 |

- Rosca macho paralela
Parallel male thread

98110



RACOR RECTO HEMBRA Fe-H
Fe-F FEMALE COUPLING



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|-----|----|-------|
| CODE | SIZE | | | € |
| 98110-02115 | 21 x 1/2" | 100 | 10 | 8,87 |
| 98110-02720 | 27 x 3/4" | 80 | 10 | 11,81 |
| 98110-03425 | 34 x 1" | 50 | 5 | 18,04 |
| 98110-04332 | 43 x 1 1/4" | 36 | 2 | 21,49 |
| 98110-04940 | 49 x 1 1/2" | 20 | 1 | 34,87 |
| 98110-06150 | 61 x 2" | 28 | 1 | 66,11 |

SERIE 66



ACCESORIO Y VÁLVULAS DE LATÓN A COMPRESIÓN PARA TUBO DE COBRE E INOXIDABLE

BRASS COMPRESSION FITTING AND
VALVES FOR COPPER AND STAINLESS
STEEL PIPE



Rosca macho paralela
Rosca hembra paralela
Parallel male thread
Parallel female thread

COMPRESIÓN COMPRESSION



MATERIALES:

Cuerpo en latón niquelado UNE EN 12164
Tuerca en latón niquelado UNE EN 12165
Anillo interior en latón
Roscas conexión según ISO228

COMPONENTS:

Nickel-plated brass body UNE EN 12164
Nickel-plated brass nut UNE EN 12165
Brass-ring
Connection threads according to ISO228

LEYENDA DE ICONOS ICON KEY

Posibles codificaciones
aplicadas en esta sección.

Possible encodings applied
in this section.



CERTIFICADOS DE PRODUCTO
PRODUCT CERTIFICATES



Código de barras EAN Recambios
EAN bar code Spare parts

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES

6601



ENLACE DOBLE
STRAIGHT COUPLING



| CÓDIGO | MEDIDA | | | € |
|----------|---------|-----|----|-------|
| CODE | SIZE | | | € |
| 6601-012 | 12 x 12 | 300 | 10 | 1,75 |
| 6601-015 | 15 x 15 | 240 | 10 | 1,98 |
| 6601-018 | 18 x 18 | 160 | 10 | 2,71 |
| 6601-022 | 22 x 22 | 140 | 10 | 3,54 |
| 6601-028 | 28 x 28 | 70 | 10 | 6,30 |
| 6601-035 | 35 x 35 | 45 | 5 | 15,34 |
| 6601-042 | 42 x 42 | 35 | 5 | 19,73 |
| 6601-054 | 54 x 54 | 30 | 5 | 33,52 |

6601R



ENLACE DOBLE REDUCCIÓN
REDUCING STRAIGHT COUPLING



| CÓDIGO | MEDIDA | | | € |
|------------|---------|-----|----|------|
| CODE | SIZE | | | € |
| 6601-01815 | 18 x 15 | 180 | 10 | 2,87 |
| 6601-02215 | 22 x 15 | 150 | 10 | 3,76 |
| 6601-02218 | 22 x 18 | 130 | 10 | 3,96 |
| 6601-02822 | 28 x 22 | 100 | 10 | 8,16 |

6602



ENLACE HEMBRA
FEMALE STRAIGHT COUPLING



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|-----|----|------|
| CODE | SIZE | | | € |
| 6602-01215 | 12 x 1/2" | 300 | 10 | 1,63 |
| 6602-01510 | 15 x 3/8" | 220 | 10 | 1,86 |
| 6602-01515 | 15 x 1/2" | 220 | 10 | 1,64 |
| 6602-01520 | 15 x 3/4" | 180 | 10 | 2,42 |
| 6602-01525 | 15 x 1" | 100 | 10 | 2,57 |
| 6602-01815 | 18 x 1/2" | 220 | 10 | 2,11 |
| 6602-01820 | 18 x 3/4" | 160 | 10 | 2,75 |
| 6602-02215 | 22 x 1/2" | 150 | 10 | 3,15 |
| 6602-02220 | 22 x 3/4" | 140 | 10 | 2,85 |
| 6602-02225 | 22 x 1" | 100 | 5 | 4,38 |
| 6602-02820 | 28 x 3/4" | 80 | 5 | 5,46 |
| 6602-02825 | 28 x 1" | 80 | 5 | 5,46 |
| 6602-03532 | 35 X 1 1/4" | 40 | 5 | 7,16 |
| 6602-04240 | 42 X 1 1/2" | 35 | 5 | 9,15 |

6603



ENLACE MACHO
MALE STRAIGHT COUPLING



| CÓDIGO | MEDIDA | | | € |
|------------|-------------|-----|----|------|
| CODE | SIZE | | | € |
| 6603-01510 | 15 x 3/8" | 300 | 10 | 1,56 |
| 6603-01515 | 15 x 1/2" | 300 | 10 | 1,52 |
| 6603-01520 | 15 x 3/4" | 190 | 10 | 2,27 |
| 6603-01815 | 18 x 1/2" | 170 | 10 | 1,94 |
| 6603-01820 | 18 x 3/4" | 150 | 10 | 2,42 |
| 6603-02215 | 22 x 1/2" | 150 | 10 | 2,75 |
| 6603-02220 | 22 x 3/4" | 140 | 10 | 2,85 |
| 6603-02225 | 22 x 1" | 110 | 10 | 3,54 |
| 6603-02820 | 28 x 3/4" | 100 | 10 | 5,26 |
| 6603-02825 | 28 x 1" | 80 | 5 | 5,76 |
| 6603-03532 | 35 X 1 1/4" | 50 | 5 | 6,63 |
| 6603-04240 | 42 X 1 1/2" | 35 | 5 | 8,88 |

- Rosca macho paralela
Parallel male thread

6604



CODO 90°
ELBOW 90°



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|-----|----|--------|
| 6604-015 | 15 x 15 | 200 | 10 | 1,98 |
| 6604-018 | 18 x 18 | 130 | 10 | 2,94 |
| 6604-022 | 22 x 22 | 90 | 10 | 3,90 |
| 6604-028 | 28 x 28 | 60 | 10 | 7,67 |
| 6604-035 | 35 x 35 | 30 | 5 | 16,34 |
| 6604-042 | 42 x 42 | 20 | 1 | 28,96 |
| 6604-054 | 54 x 54 | 28 | 1 | 34,87 |

6605



CODO 90° HEMBRA
FEMALE ELBOW 90°



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|-----|----|--------|
| 6605-01515 | 15 x 1/2" | 170 | 10 | 2,15 |
| 6605-01520 | 15 x 3/4" | 140 | 10 | 3,53 |
| 6605-01815 | 18 x 1/2" | 140 | 10 | 3,01 |
| 6605-01820 | 18 x 3/4" | 110 | 10 | 3,65 |
| 6605-02215 | 22 x 1/2" | 110 | 10 | 3,76 |
| 6605-02220 | 22 x 3/4" | 100 | 10 | 4,16 |
| 6605-02225 | 22 x 1" | 60 | 10 | 5,81 |
| 6605-02825 | 28 x 1" | 60 | 10 | 8,56 |

6606



CODO 90° MACHO
MALE ELBOW 90°



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|-----|----|--------|
| 6606-01515 | 15 x 1/2" | 200 | 10 | 2,27 |
| 6606-01520 | 15 x 3/4" | 160 | 10 | 3,28 |
| 6606-01815 | 18 x 1/2" | 160 | 10 | 2,99 |
| 6606-01820 | 18 x 3/4" | 130 | 10 | 3,12 |
| 6606-02215 | 22 x 1/2" | 120 | 10 | 3,28 |
| 6606-02220 | 22 x 3/4" | 110 | 10 | 3,76 |
| 6606-02225 | 22 x 1" | 70 | 10 | 6,04 |
| 6606-02825 | 28 x 1" | 60 | 5 | 8,30 |

- Rosca macho paralela
Parallel male thread

6607



TAPÓN
CAP



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|-----|----|--------|
| 6607-015 | 15 | 400 | 10 | 1,88 |
| 6607-018 | 18 | 350 | 10 | 2,65 |
| 6607-022 | 22 | 230 | 10 | 3,75 |

6608



TE IGUAL
EQUAL TEE



| CÓDIGO | MEDIDA | | | € |
|----------|--------------|-----|----|-------|
| CODE | SIZE | | | € |
| 6608-015 | 15 x 15 x 15 | 120 | 10 | 3,17 |
| 6608-018 | 18 x 18 x 18 | 80 | 10 | 4,53 |
| 6608-022 | 22 x 22 x 22 | 60 | 10 | 5,65 |
| 6608-028 | 28 x 28 x 28 | 35 | 5 | 10,80 |
| 6608-035 | 35 x 35 x 35 | 20 | 5 | 22,16 |
| 6608-042 | 42 x 42 x 42 | 15 | 1 | 35,15 |
| 6608-054 | 54 x 54 x 54 | 18 | 1 | 60,36 |

6609



TE REDUCIDA
REDUCING TEE



| CÓDIGO | MEDIDA | | | € |
|--------------|--------------|----|----|------|
| CODE | SIZE | | | € |
| 6609-0152215 | 15 x 22 x 15 | 80 | 10 | 4,15 |
| 6609-0181518 | 18 x 15 x 18 | 80 | 10 | 4,61 |
| 6609-0181815 | 18 x 18 x 15 | 80 | 10 | 4,68 |
| 6609-0221515 | 22 x 15 x 15 | 90 | 10 | 5,28 |
| 6609-0221522 | 22 x 15 x 22 | 70 | 10 | 5,28 |
| 6609-0221822 | 22 x 18 x 22 | 70 | 10 | 5,81 |
| 6609-0222215 | 22 x 22 x 15 | 70 | 10 | 5,66 |
| 6609-0282222 | 28 x 22 x 22 | 50 | 10 | 9,83 |
| 6609-0282815 | 28 x 28 x 15 | 40 | 10 | 8,81 |
| 6609-0282822 | 28 x 28 x 22 | 30 | 10 | 9,06 |

6610



TE HEMBRA
FEMALE TEE



| CÓDIGO | MEDIDA | | | € |
|--------------|----------------|-----|----|-------|
| CODE | SIZE | | | € |
| 6610-0151515 | 15 x 1/2" x 15 | 120 | 10 | 3,23 |
| 6610-0181518 | 18 x 1/2" x 18 | 100 | 10 | 4,53 |
| 6610-0182018 | 18 x 3/4" x 18 | 80 | 10 | 5,80 |
| 6610-0221522 | 22 x 1/2" x 22 | 80 | 10 | 5,50 |
| 6610-0222022 | 22 x 3/4" x 22 | 60 | 10 | 6,01 |
| 6610-0282028 | 28 x 3/4" x 28 | 40 | 5 | 9,82 |
| 6610-0282528 | 28 x 1" x 28 | 35 | 5 | 12,09 |

6611



CODO PLACA
WALL PLATED ELBOW



| CÓDIGO | MEDIDA | | | € |
|------------|-----------|-----|----|------|
| CODE | SIZE | | | € |
| 6611-01515 | 15 x 1/2" | 120 | 10 | 3,14 |
| 6611-01815 | 18 x 1/2" | 100 | 10 | 4,28 |
| 6611-01820 | 18 x 3/4" | 70 | 10 | 5,53 |
| 6611-02215 | 22 x 1/2" | 60 | 10 | 5,53 |
| 6611-02220 | 22 x 3/4" | 50 | 10 | 6,03 |

6612



CURVA PUENTE
CROSSOVER



| CÓDIGO | MEDIDA | | | € |
|----------|---------|-----|----|-------|
| CODE | SIZE | | | € |
| 6612-015 | 15 x 15 | 100 | 10 | 7,55 |
| 6612-018 | 18 x 18 | 60 | 10 | 10,07 |
| 6612-022 | 22 x 22 | 40 | 5 | 12,58 |

6650



VÁLVULA ESFERA MANDO PALOMILLA ENLACE COMPRESIÓN
LATÓN BALL VALVE BUTTERFLY HANDLE COMPRESSION BRASS
ENDS



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|----|-------|
| CODE | SIZE | | | € |
| 6650-015 | 15 | 60 | 10 | 8,30 |
| 6650-018 | 18 | 60 | 10 | 9,82 |
| 6650-022 | 22 | 36 | 6 | 13,86 |

66901



RECAMBIO - ANILLO DE COMPRESIÓN
SPARE PART - COMPRESSION BRASS RING



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|------|-----|------|
| CODE | SIZE | | | € |
| 66901-015 | 15 | 2500 | 250 | 0,63 |
| 66901-018 | 18 | 2000 | 100 | 0,88 |
| 66901-022 | 22 | 1500 | 100 | 1,12 |
| 66901-028 | 28 | 800 | 50 | 1,88 |

CARACTERÍSTICAS GENERALES

Cuerpo en latón CW617N, fabricado según normativa UNE EN 12165.

Diseñado conforme a la normativa UNE-EN ISO 21003.

Certificado conforme normativa BRL 5606.

Compatible con tubería Multicapa y tubería PEX de diámetros: Ø16x2, Ø20x2, Ø25x2.5, Ø26x3 y Ø32x3.

Estanqueidad asegurada con 2 o-rings de EPDM

Marcaje duradero (medida y fabricante) incluido en tuercas, anillos de compresión y cuerpos.

Perfil dentado con bisel de ángulo óptimo para facilitar la inserción del tubo.

GENERAL FEATURES

Body in brass CW617N, manufactured according to UNE EN 12164 and UNE EN 12165.

Designed according to standard UNE-EN ISO 21003.

Certified according to BRL 5606.

Compatible for Multilayer and PEX pipes of diameters : Ø16x2, Ø20x2, Ø25x2.5, Ø26x3 y Ø32x3.

Guaranteed sealing with 2 EPDM o-rings.

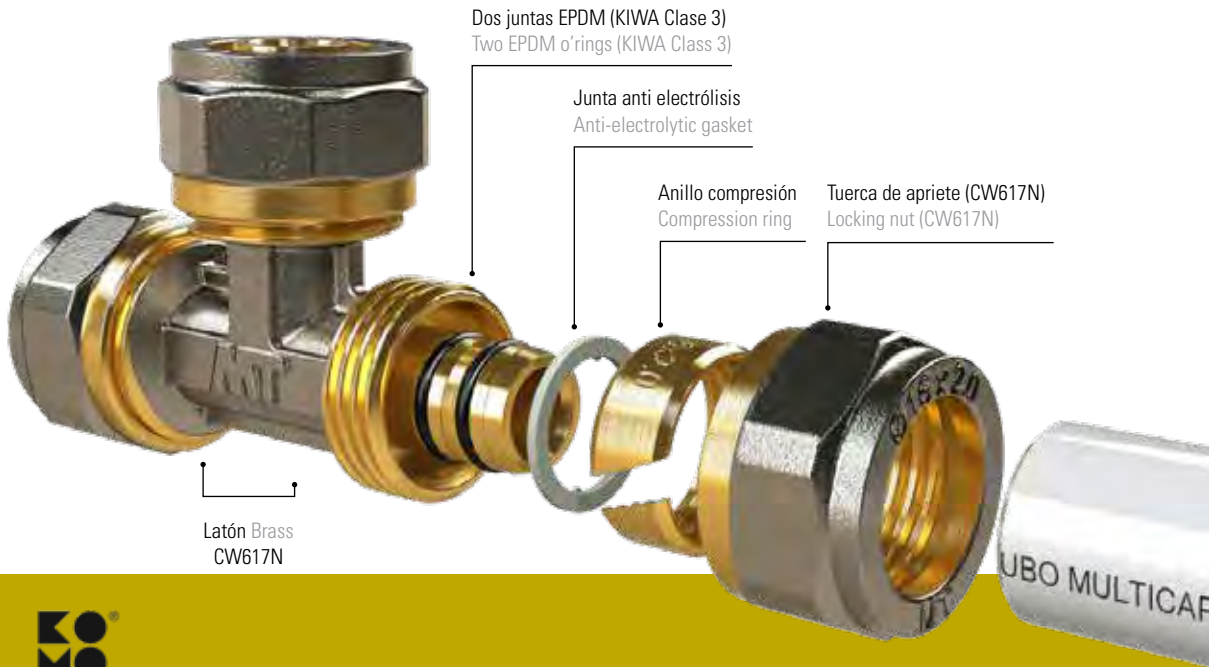
Permanent marking (size and Brand) included in nuts, compression rings and bodies.

Mechanized profile with optimum angle bevel in order to facilitate insertion of the pipe.

RANGO DE TEMPERATURA Y PRESIÓN
TEMPERATURE AND PRESSURE RANGE



95°C - 10 BAR
70°C - 12 BAR



LEYENDA DE ICONOS
ICON KEY

Posibles codificaciones aplicadas en esta sección.

Possible encodings applied in this section.



Código de barras EAN
EAN bar code

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES

ACCESORIO DE COMPRESIÓN PARA TUBERÍA MULTICAPA Y PEX

COMPRESSION FITTING FOR
MULTILAYER AND PEX PIPE

SERIE
64
1



MONTAJE

1. Cortar el tubo de forma perpendicular al eje usando el cortatubos.
2. Calibrar el tubo.
3. Introducir el tubo en el accesorio multicapa.
4. Apretar las tuercas firmemente sin torcer el tubo.

PUNTOS A FAVOR

Ideal para reparaciones.
Desmontable. Más resistencia a la temperatura gracias a sus juntas de EPDM (KIWA Clase 3).
Fácil utilización e instalación.

MOUNTING

1. Make a perpendicular cut in the pipe using the pipe cutter.
2. Calibrate the pipe.
3. Introduce multilayer pipe in the brass fitting.
4. Tighten the nuts strongly without twisting the pipe.

POSITIVE POINTS

Perfect for repairs.
Removable. High temperature resistance thanks to its EPDM joints (KIWA Class 3).
Easy to use and install.

ACC. COMPRESIÓN MULTICAPA

COMPRESSION FITTING MULTILAYER PIPES

MT®
BRASS



641090



CODO 90°
EQUAL ELBOW 90°



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|------------|--------|-----------|-----|----|-------|
| CODE | SIZE | THICKNESS | | | € |
| 641090-016 | 16 | 2.0 | 120 | 10 | 3,72 |
| 641090-018 | 18 | 2.0 | 100 | 10 | 5,50 |
| 641090-020 | 20 | 2.0 | 90 | 10 | 5,73 |
| 641090-025 | 25 | 2.5 | 60 | 5 | 9,17 |
| 641090-026 | 26 | 3.0 | 60 | 5 | 9,17 |
| 641090-032 | 32 | 3.0 | 40 | 5 | 17,00 |

641091



CODO HEMBRA 90°
FEMALE ELBOW 90°



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|-----------|-----------|-----|----|-------|
| CODE | SIZE | THICKNESS | | | € |
| 641091-01615 | 16 x 1/2" | 2.0 | 150 | 10 | 3,09 |
| 641091-01620 | 16 x 3/4" | 2.0 | 130 | 10 | 4,20 |
| 641091-02015 | 20 x 1/2" | 2.0 | 110 | 10 | 4,62 |
| 641091-02020 | 20 x 3/4" | 2.0 | 90 | 10 | 5,26 |
| 641091-02520 | 25 x 3/4" | 2.5 | 60 | 5 | 7,32 |
| 641091-02525 | 25 x 1" | 2.5 | 50 | 5 | 8,42 |
| 641091-02620 | 26 x 3/4" | 3.0 | 60 | 5 | 7,32 |
| 641091-02625 | 26 x 1" | 3.0 | 50 | 5 | 8,42 |
| 641091-03225 | 32 x 1" | 3.0 | 40 | 5 | 12,86 |

641092



CODO MACHO 90°
MALE ELBOW 90°



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|-----------|-----------|-----|----|-------|
| CODE | SIZE | THICKNESS | | | € |
| 641092-01615 | 16 x 1/2" | 2.0 | 180 | 10 | 3,07 |
| 641092-01620 | 16 x 3/4" | 2.0 | 140 | 10 | 3,77 |
| 641092-01815 | 18 x 1/2" | 2.0 | 130 | 10 | 3,74 |
| 641092-02015 | 20 x 1/2" | 2.0 | 120 | 10 | 4,20 |
| 641092-02020 | 20 x 3/4" | 2.0 | 100 | 10 | 4,80 |
| 641092-02520 | 25 x 3/4" | 2.5 | 70 | 5 | 6,73 |
| 641092-02525 | 25 x 1" | 2.5 | 60 | 5 | 7,94 |
| 641092-02620 | 26 x 3/4" | 3.0 | 70 | 5 | 6,73 |
| 641092-02625 | 26 x 1" | 3.0 | 60 | 5 | 7,94 |
| 641092-03225 | 32 x 1" | 3.0 | 40 | 5 | 12,05 |

641270



MANGUITO ACOPLAMIENTO
STRAIGHT COUPLING



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|------------|--------|-----------|-----|----|-------|
| CODE | SIZE | THICKNESS | | | € |
| 641270-016 | 16 | 2.0 | 160 | 10 | 3,62 |
| 641270-018 | 18 | 2.0 | 130 | 10 | 5,50 |
| 641270-020 | 20 | 2.0 | 90 | 10 | 5,66 |
| 641270-025 | 25 | 2.5 | 70 | 5 | 10,02 |
| 641270-026 | 26 | 3.0 | 70 | 5 | 10,02 |
| 641270-032 | 32 | 3.0 | 45 | 5 | 14,37 |

641131



RACOR TE HEMBRA
FEMALE TEE



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|-----------|-----------|-----|----|-------|
| CODE | SIZE | THICKNESS | | | € |
| 641131-01615 | 16 x 1/2" | 2.0 | 100 | 10 | 4,98 |
| 641131-02015 | 20 x 1/2" | 2.0 | 70 | 10 | 7,20 |
| 641131-02020 | 20 x 3/4" | 2.0 | 60 | 10 | 9,06 |
| 641131-02520 | 25 x 3/4" | 2.5 | 50 | 5 | 11,05 |
| 641131-02525 | 25 x 1" | 2.5 | 40 | 5 | 13,04 |
| 641131-02620 | 26 x 3/4" | 3.0 | 50 | 5 | 11,05 |
| 641131-02625 | 26 x 1" | 3.0 | 40 | 5 | 13,04 |
| 641131-03225 | 32 x 1" | 3.0 | 30 | 3 | 18,70 |

641132



RACOR TE MACHO
MALE TEE



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|-----------|-----------|-----|----|-------|
| CODE | SIZE | THICKNESS | | | € |
| 641132-01615 | 16 x 1/2" | 2.0 | 110 | 10 | 4,69 |
| 641132-02015 | 20 x 1/2" | 2.0 | 80 | 10 | 6,89 |
| 641132-02020 | 20 x 3/4" | 2.0 | 70 | 10 | 7,73 |
| 641132-02520 | 25 x 3/4" | 2.5 | 50 | 5 | 10,42 |
| 641132-02620 | 26 x 3/4" | 3.0 | 50 | 5 | 10,42 |
| 641132-03225 | 32 x 1" | 3.0 | 30 | 3 | 16,19 |

641133



TE REDUCIDA
REDUCING TEE



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|--------------|-----------------|----|----|-------|
| CODE | SIZE | THICKNESS | | | € |
| 641133-01620 | 16 x 20 x 16 | 2.0 x 2.0 x 2.0 | 70 | 10 | 7,31 |
| 641134-01620 | 20 x 16 x 16 | 2.0 x 2.0 x 2.0 | 70 | 10 | 7,31 |
| 641133-02016 | 20 x 16 x 20 | 2.0 x 2.0 x 2.0 | 60 | 10 | 7,97 |
| 641135-02016 | 20 x 20 x 16 | 2.0 x 2.0 x 2.0 | 60 | 10 | 8,13 |
| 641133-02516 | 25 x 16 x 25 | 2.5 x 2.0 x 2.5 | 45 | 5 | 12,04 |
| 641134-02520 | 25 x 20 x 20 | 2.5 x 2.0 x 2.0 | 45 | 5 | 11,59 |
| 641133-02520 | 25 x 20 x 25 | 2.5 x 2.0 x 2.5 | 45 | 5 | 12,69 |
| 641135-02520 | 25 x 25 x 20 | 2.5 x 2.5 x 2.0 | 45 | 5 | 11,59 |
| 641133-02616 | 26 x 16 x 26 | 3.0 x 2.0 x 3.0 | 45 | 5 | 12,04 |
| 641133-02620 | 26 x 20 x 26 | 3.0 x 2.0 x 3.0 | 45 | 5 | 12,69 |
| 641133-03216 | 32 x 16 x 32 | 3.0 x 2.0 x 3.0 | 30 | 3 | 15,95 |
| 641133-03220 | 32 x 20 x 32 | 3.0 x 2.0 x 3.0 | 30 | 3 | 16,92 |
| 641133-03225 | 32 x 25 x 32 | 3.0 x 2.5 x 3.0 | 30 | 3 | 19,27 |
| 641133-03226 | 32 x 26 x 32 | 3.0 x 3.0 x 3.0 | 30 | 3 | 19,27 |

641130



RACOR TE
EQUAL TEE



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|------------|--------|-----------|-----|----|-------|
| CODE | SIZE | THICKNESS | | | € |
| 641130-016 | 16 | 2.0 | 100 | 10 | 5,29 |
| 641130-018 | 18 | 2.0 | 70 | 10 | 8,06 |
| 641130-020 | 20 | 2.0 | 60 | 5 | 8,37 |
| 641130-025 | 25 | 2.5 | 40 | 5 | 16,47 |
| 641130-026 | 26 | 3.0 | 40 | 5 | 16,47 |
| 641130-032 | 32 | 3.0 | 24 | 3 | 19,16 |

641271



RACOR RECTO HEMBRA
STRAIGHT FEMALE COUPLING



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|-----------|-----------|-----|----|------|
| CODE | SIZE | THICKNESS | | | € |
| 641271-01615 | 16 x 1/2" | 2.0 | 200 | 10 | 2,57 |
| 641271-01620 | 16 x 3/4" | 2.0 | 160 | 10 | 3,29 |
| 641271-02015 | 20 x 1/2" | 2.0 | 140 | 10 | 3,37 |
| 641271-02020 | 20 x 3/4" | 2.0 | 110 | 10 | 3,89 |
| 641271-02520 | 25 x 3/4" | 2.5 | 80 | 5 | 5,82 |
| 641271-02525 | 25 x 1" | 2.5 | 75 | 5 | 6,54 |
| 641271-02620 | 26 x 3/4" | 3.0 | 80 | 5 | 5,82 |
| 641271-02625 | 26 x 1" | 3.0 | 75 | 5 | 6,54 |
| 641271-03225 | 32 x 1" | 3.0 | 55 | 5 | 9,71 |

641272



RACOR RECTO MACHO
STRAIGHT MALE COUPLING



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|-----------|-----------|-----|----|------|
| CODE | SIZE | THICKNESS | | | € |
| 641272-01615 | 16 x 1/2" | 2.0 | 220 | 10 | 2,32 |
| 641272-01620 | 16 x 3/4" | 2.0 | 180 | 10 | 2,95 |
| 641272-01815 | 18 x 1/2" | 2.0 | 150 | 10 | 3,13 |
| 641272-02015 | 20 x 1/2" | 2.0 | 150 | 10 | 3,53 |
| 641272-02020 | 20 x 3/4" | 2.0 | 120 | 10 | 3,72 |
| 641272-02520 | 25 x 3/4" | 2.5 | 80 | 5 | 5,79 |
| 641272-02525 | 25 x 1" | 2.5 | 80 | 5 | 6,23 |
| 641272-02620 | 26 x 3/4" | 3.0 | 80 | 5 | 5,79 |
| 641272-02625 | 26 x 1" | 3.0 | 80 | 5 | 6,23 |
| 641272-03225 | 32 x 1" | 3.0 | 60 | 3 | 9,70 |

641273



MANGUITO ACOPLAMIENTO REDUCIDO
REDUCING STRAIGHT COUPLING



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|---------|-----------|-----|----|-------|
| CODE | SIZE | THICKNESS | | | € |
| 641273-02016 | 20 x 16 | 2.0 x 2.0 | 110 | 10 | 4,89 |
| 641273-02520 | 25 x 20 | 2.5 x 2.0 | 80 | 5 | 7,95 |
| 641273-02620 | 26 x 20 | 3.0 x 2.0 | 80 | 5 | 7,95 |
| 641273-03225 | 32 x 25 | 3.0 x 2.5 | 50 | 5 | 12,62 |
| 641273-03226 | 32 x 26 | 3.0 x 3.0 | 50 | 5 | 12,62 |

641500



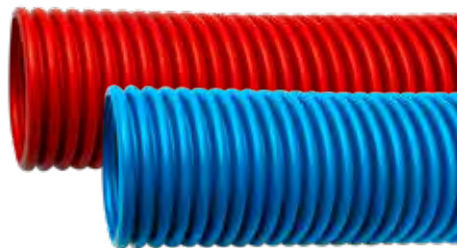
RACOR CODO MURAL
WALL PLATED ELBOW



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|-----------|-----------|-----|----|------|
| CODE | SIZE | THICKNESS | | | € |
| 641500-01615 | 16 x 1/2" | 2.0 | 100 | 10 | 3,87 |
| 641500-02015 | 20 x 1/2" | 2.0 | 80 | 10 | 5,40 |
| 641500-02020 | 20 x 3/4" | 2.0 | 60 | 10 | 5,88 |

64015

TUBO CORRUGADO EN ROLLO
CORRUGATED PIPE ROLLS

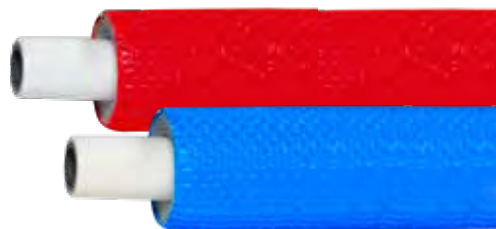


| CÓDIGO | MEDIDA INTERIOR | MEDIDA TUBO | METROS | € |
|--------------|-----------------|-------------|--------|-------|
| CODE | INNER SIZE | PIPE SIZE | METERS | € |
| 640151-016* | 16 | 26 | 50 | 35,39 |
| 640152-016** | 16 | 26 | 50 | 35,39 |
| 640151-020* | 20 | 32 | 50 | 45,42 |
| 640152-020** | 20 | 32 | 50 | 45,42 |
| 640151-025* | 25 | 40 | 50 | 60,30 |
| 640152-025** | 25 | 40 | 50 | 60,30 |

- Precio por rollo. *Color rojo. **Color azul
Price per roll. *Red colour. **Blue colour

64016

TUBO MULTICAPA PERT-AL-PERT AISLADO
ISOLATED MULTILAYER PERT-AL-PERT PIPE



| CÓDIGO | MEDIDA | ESPESOR | METROS | € |
|--------------|----------|-----------|--------|--------|
| CODE | SIZE | THICKNESS | METERS | € |
| 640161-016* | 16 X 2.0 | 6mm | 50 | 114,63 |
| 640162-016** | 16 X 2.0 | 6mm | 50 | 114,63 |
| 640161-020* | 20 X 2.0 | 6mm | 50 | 159,65 |
| 640162-020** | 20 X 2.0 | 6mm | 50 | 159,65 |
| 640161-025* | 25 X 2.5 | 10mm | 50 | 228,99 |
| 640162-025** | 25 X 2.5 | 10mm | 50 | 228,99 |
| 640161-026* | 26 X 3.0 | 10mm | 50 | 255,02 |
| 640162-026** | 26 X 3.0 | 10mm | 50 | 255,02 |
| 640161-032* | 32 X 3.0 | 10mm | 50 | 420,92 |
| 640162-032** | 32 X 3.0 | 10mm | 50 | 420,92 |

- Precio por rollo. *Color rojo. **Color azul
Price per roll. *Red colour. **Blue colour

640R

TUBO MULTICAPA PERT-AL-PERT EN ROLLO
MULTILAYER PIPE ROLLS PERT-AL-PERT

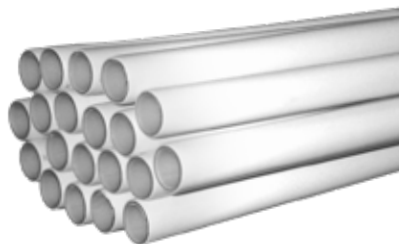


| CÓDIGO | MEDIDA | METROS | € |
|------------|----------|--------|--------|
| CODE | SIZE | METERS | € |
| 640-015016 | 16 x 2.0 | 15 | 21,74 |
| 640-025016 | 16 x 2.0 | 25 | 35,12 |
| 640-100016 | 16 x 2.0 | 100 | 122,57 |
| 640-100018 | 18 X 2.0 | 100 | 148,92 |
| 640-015020 | 20 x 2.0 | 15 | 30,71 |
| 640-025020 | 20 x 2.0 | 25 | 49,94 |
| 640-100020 | 20 x 2.0 | 100 | 179,90 |
| 640-015025 | 25 x 2.5 | 15 | 49,94 |
| 640-025025 | 25 x 2.5 | 25 | 81,66 |
| 640-050025 | 25 x 2.5 | 50 | 147,76 |
| 640-025026 | 26 x 3.0 | 25 | 90,11 |
| 640-050026 | 26 x 3.0 | 50 | 170,12 |
| 640-025032 | 32 x 3.0 | 25 | 126,45 |
| 640-050032 | 32 x 3.0 | 50 | 233,77 |

- Precio por rollo
Price per roll

640B

TUBO MULTICAPA PERT-AL-PERT EN BARRA
MULTILAYER PIPE PERT-AL-PERT BAR



| CÓDIGO | MEDIDA | METROS | BARRAS / PAQUETE | € |
|------------|----------|--------|------------------|--------|
| CODE | SIZE | METERS | BARS / BOXES | € |
| 640-100416 | 16 x 2.0 | 4 | 25 | 133,78 |
| 640-064420 | 20 x 2.0 | 4 | 16 | 124,75 |
| 640-040425 | 25 x 2.5 | 4 | 10 | 129,37 |
| 640-028432 | 32 x 3.0 | 4 | 7 | 141,16 |

- Precio por paquete
Price per boxes

645

TUBO PE-Xa / PE-Xa EVOH EN ROLLO
PE-Xa PIPE / PE-Xa EVOH ROLLS



| CÓDIGO | MEDIDA | METROS | € |
|-------------|----------|--------|--------|
| CODE | SIZE | METERS | € |
| 645-100016 | 16 x 2.0 | 100 | 99,76 |
| 645-100116* | 16 x 2.0 | 100 | 130,04 |
| 645-100020 | 20 x 2.0 | 100 | 116,89 |
| 645-100120* | 20 x 2.0 | 100 | 154,08 |
| 645-050025 | 25 x 2.5 | 50 | 107,86 |
| 645-050032 | 32 x 3.0 | 50 | 165,90 |

- Precio por rollo. * Tubo PE-Xa Evoh color rojo
Price per roll. * PE-Xa pipe Evoh red colour

ACCESORIO DE PRENSAR PARA TUBERÍA MULTICAPA

PRESS FITTING FOR MULTILAYER

SERIE 642

EL NUEVO ACCESORIO MT DE PRENSAR PARA TUBERÍA MULTICAPA HA SIDO DISEÑADO ESPECÍFICAMENTE PARA PODER SER USADO CON DIFERENTES TIPOS DE PERFILES DE PRENSADO : TH, H, U Y RFz.

THE NEW MT PRESS FITTING FOR MULTILAYER PIPES HAS BEEN DESIGNED SPECIFICALLY TO BE USED WITH DIFFERENT TYPE OF CRIMPING PROFILES: TH, H, U AND RFz.



| TUBO | | PERFILES DE PRENSADO | | | |
|-------|-----------|----------------------|---|---|-----|
| PIPE | | CRIMPING PROFILES | | | |
| Ø EXT | ESPESOR | TH | H | U | RFz |
| Ø EXT | THICKNESS | TH | H | U | RFz |
| 16 | 2.0 | ✓ | ✓ | ✓ | ✓ |
| 20 | 2.0 | ✓ | ✓ | ✓ | ✓ |
| 25 | 2.5 | ✓ | ✓ | ✓ | ✓ |
| 26 | 3.0 | ✓ | ✓ | X | X |
| 32 | 3.0 | ✓ | ✓ | ✓ | ✓ |

PERFIL TIPO "TH"
PROFILE TYPE 'TH'



PERFIL TIPO "H"
PROFILE TYPE 'H'



PERFIL TIPO "U"
PROFILE TYPE 'U'



PERFIL TIPO "RFz"
PROFILE TYPE 'RFz'



ACC. PRENSAR MULTICAPA

PRESS FITTING MULTILAYER PIPES



642090



CODO 90°
EQUAL ELBOW 90°



| CÓDIGO | MEDIDA | ESPEJOR | | | € |
|------------|--------|-----------|-----|----|-------|
| CODE | SIZE | THICKNESS | | | € |
| 642090-016 | 16 | 2.0 | 100 | 10 | 3,20 |
| 642090-020 | 20 | 2.0 | 80 | 10 | 4,47 |
| 642090-025 | 25 | 2.5 | 50 | 5 | 7,60 |
| 642090-026 | 26 | 3.0 | 50 | 5 | 7,60 |
| 642090-032 | 32 | 3.0 | 30 | 3 | 10,79 |

642091



CODO HEMBRA 90°
FEMALE ELBOW 90°



| CÓDIGO | MEDIDA | ESPEJOR | | | € |
|--------------|-----------|-----------|-----|----|-------|
| CODE | SIZE | THICKNESS | | | € |
| 642091-01615 | 16 X 1/2" | 2.0 | 100 | 10 | 3,24 |
| 642091-02015 | 20 X 1/2" | 2.0 | 80 | 10 | 3,97 |
| 642091-02020 | 20 X 3/4" | 2.0 | 80 | 10 | 4,96 |
| 642091-02520 | 25 X 3/4" | 2.5 | 50 | 5 | 6,59 |
| 642091-02525 | 25 X 1" | 2.5 | 40 | 5 | 8,00 |
| 642091-02620 | 26 X 3/4" | 3.0 | 50 | 5 | 6,59 |
| 642091-02625 | 26 X 1" | 3.0 | 40 | 5 | 8,00 |
| 642091-03225 | 32 X 1" | 3.0 | 30 | 3 | 10,47 |

642092



CODO MACHO 90°
MALE ELBOW 90°



| CÓDIGO | MEDIDA | ESPEJOR | | | € |
|--------------|-----------|-----------|-----|----|------|
| CODE | SIZE | THICKNESS | | | € |
| 642092-01615 | 16 X 1/2" | 2.0 | 100 | 10 | 2,94 |
| 642092-02015 | 20 X 1/2" | 2.0 | 100 | 10 | 3,65 |
| 642092-02020 | 20 X 3/4" | 2.0 | 80 | 10 | 4,49 |
| 642092-02520 | 25 X 3/4" | 2.5 | 60 | 5 | 6,17 |
| 642092-02525 | 25 X 1" | 2.5 | 50 | 5 | 7,42 |
| 642092-02620 | 26 X 3/4" | 3.0 | 60 | 5 | 6,17 |
| 642092-02625 | 26 X 1" | 3.0 | 50 | 5 | 7,42 |
| 642092-03225 | 32 X 1" | 3.0 | 30 | 3 | 9,62 |

642130



RACOR TE
EQUAL TEE





| CÓDIGO | MEDIDA | ESPEJOR | | | € |
|------------|--------|-----------|----|---|-------|
| CODE | SIZE | THICKNESS | | | € |
| 642130-016 | 16 | 2.0 | 70 | 5 | 4,60 |
| 642130-020 | 20 | 2.0 | 50 | 5 | 6,28 |
| 642130-025 | 25 | 2.5 | 36 | 3 | 10,76 |
| 642130-026 | 26 | 3.0 | 36 | 3 | 10,76 |
| 642130-032 | 32 | 3.0 | 24 | 2 | 15,04 |

642131



RACOR TE HEMBRA
FEMALE TEE





| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|-----------|-----------|---|---|-------|
| CODE | SIZE | THICKNESS |  |  | € |
| 642131-01615 | 16 X 1/2" | 2.0 | 70 | 5 | 4,75 |
| 642131-02015 | 20 X 1/2" | 2.0 | 60 | 5 | 5,74 |
| 642131-02020 | 20 X 3/4" | 2.0 | 50 | 5 | 6,74 |
| 642131-02520 | 25 X 3/4" | 2.5 | 36 | 3 | 9,85 |
| 642131-02525 | 25 X 1" | 2.5 | 30 | 3 | 11,39 |
| 642131-02620 | 26 X 3/4" | 3.0 | 36 | 3 | 9,85 |
| 642131-02625 | 26 X 1" | 3.0 | 30 | 3 | 11,39 |
| 642131-03225 | 32 X 1" | 3.0 | 24 | 2 | 14,17 |

642132



RACOR TE MACHO
MALE TEE





| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|-----------|-----------|---|---|-------|
| CODE | SIZE | THICKNESS |  |  | € |
| 642132-01615 | 16 X 1/2" | 2.0 | 80 | 10 | 4,38 |
| 642132-02015 | 20 X 1/2" | 2.0 | 60 | 10 | 5,42 |
| 642132-02020 | 20 X 3/4" | 2.0 | 50 | 10 | 6,37 |
| 642132-02520 | 25 X 3/4" | 2.5 | 45 | 5 | 9,40 |
| 642132-02525 | 25 X 1" | 2.5 | 40 | 5 | 10,97 |
| 642132-02620 | 26 X 3/4" | 3.0 | 45 | 5 | 9,40 |
| 642132-02625 | 26 X 1" | 3.0 | 40 | 5 | 10,97 |
| 642132-03225 | 32 X 1" | 3.0 | 24 | 12 | 14,40 |

642133



TE REDUCIDA
REDUCING TEE



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|--------------|-----------------|---|---|-------|
| CODE | SIZE | THICKNESS |  |  | € |
| 642133-01620 | 16 x 20 x 16 | 2.0 x 2.0 x 2.0 | 50 | 5 | 5,73 |
| 642134-01620 | 20 x 16 x 16 | 2.0 x 2.0 x 2.0 | 50 | 5 | 5,33 |
| 642133-02016 | 20 x 16 x 20 | 2.0 x 2.0 x 2.0 | 50 | 5 | 5,70 |
| 642135-02016 | 20 x 20 x 16 | 2.0 x 2.0 x 2.0 | 50 | 5 | 6,07 |
| 642133-02516 | 25 x 16 x 25 | 2.5 x 2.0 x 2.5 | 36 | 3 | 8,85 |
| 642134-02520 | 25 x 20 x 20 | 2.5 x 2.0 x 2.0 | 42 | 3 | 8,02 |
| 642133-02520 | 25 x 20 x 25 | 2.5 x 2.0 x 2.5 | 36 | 3 | 9,53 |
| 642135-02520 | 25 x 25 x 20 | 2.5 x 2.5 x 2.0 | 36 | 3 | 9,57 |
| 642133-02616 | 26 x 16 x 26 | 3.0 x 2.0 x 3.0 | 36 | 3 | 8,85 |
| 642133-02620 | 26 x 20 x 26 | 3.0 x 2.0 x 3.0 | 36 | 3 | 9,53 |
| 642134-02620 | 26 X 20 X 20 | 3.0 x 2.0 x 2.0 | 42 | 3 | 8,02 |
| 642135-02620 | 26 X 26 X 20 | 3.0 x 3.0 x 2.0 | 36 | 3 | 9,57 |
| 642133-03216 | 32 x 16 x 32 | 3.0 x 2.0 x 3.0 | 30 | 2 | 11,09 |
| 642133-03220 | 32 x 20 x 32 | 3.0 x 2.0 x 3.0 | 30 | 2 | 11,69 |
| 642133-03225 | 32 x 25 x 32 | 3.0 x 2.5 x 3.0 | 24 | 2 | 13,34 |
| 642133-03226 | 32 x 26 x 32 | 3.0 x 3.0 x 3.0 | 24 | 2 | 13,34 |

642270



MANGUITO ACOPLAMIENTO
STRAIGHT COUPLING



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|------------|--------|-----------|-----|----|------|
| CODE | SIZE | THICKNESS | | | € |
| 642270-016 | 16 | 2.0 | 120 | 10 | 2,44 |
| 642270-020 | 20 | 2.0 | 90 | 10 | 3,15 |
| 642270-025 | 25 | 2.5 | 70 | 5 | 5,65 |
| 642270-026 | 26 | 3.0 | 70 | 5 | 5,65 |
| 642270-032 | 32 | 3.0 | 42 | 3 | 7,22 |

642271



RACOR RECTO HEMBRA
STRAIGHT FEMALE COUPLING



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|-----------|-----------|-----|----|------|
| CODE | SIZE | THICKNESS | | | € |
| 642271-01615 | 16 X 1/2" | 2.0 | 120 | 10 | 2,57 |
| 642271-01620 | 16 X 3/4" | 2.0 | 120 | 10 | 3,32 |
| 642271-02015 | 20 X 1/2" | 2.0 | 120 | 10 | 2,85 |
| 642271-02020 | 20 X 3/4" | 2.0 | 100 | 10 | 3,66 |
| 642271-02520 | 25 X 3/4" | 2.5 | 70 | 5 | 4,66 |
| 642271-02525 | 25 X 1" | 2.5 | 60 | 5 | 6,50 |
| 642271-02620 | 26 X 3/4" | 3.0 | 70 | 5 | 4,66 |
| 642271-02625 | 26 X 1" | 3.0 | 60 | 5 | 6,50 |
| 642271-03225 | 32 X 1" | 3.0 | 60 | 3 | 7,38 |

642272



RACOR RECTO MACHO
STRAIGHT MALE COUPLING



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|-----------|-----------|-----|----|------|
| CODE | SIZE | THICKNESS | | | € |
| 642272-01615 | 16 x 1/2" | 2.0 | 120 | 10 | 2,28 |
| 642272-01620 | 16 x 3/4" | 2.0 | 120 | 10 | 3,03 |
| 642272-02015 | 20 x 1/2" | 2.0 | 120 | 10 | 2,59 |
| 642272-02020 | 20 x 3/4" | 2.0 | 100 | 10 | 3,28 |
| 642272-02520 | 25 x 3/4" | 2.5 | 70 | 5 | 4,58 |
| 642272-02525 | 25 x 1" | 2.5 | 60 | 5 | 5,68 |
| 642272-02620 | 26 x 3/4" | 3.0 | 70 | 5 | 4,58 |
| 642272-02625 | 26 x 1" | 3.0 | 60 | 5 | 5,68 |
| 642272-03225 | 32 x 1" | 3.0 | 60 | 3 | 6,66 |

642273



MANGUITO ACOPLAMIENTO REDUCIDO
REDUCING STRAIGHT COUPLING



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|---------|-----------|-----|----|------|
| CODE | SIZE | THICKNESS | | | € |
| 642273-02016 | 20 x 16 | 2.0 x 2.0 | 100 | 10 | 2,99 |
| 642273-02520 | 25 x 20 | 2.5 x 2.0 | 70 | 5 | 4,74 |
| 642273-02620 | 26 x 20 | 3.0 x 2.0 | 70 | 5 | 4,74 |
| 642273-03225 | 32 x 25 | 3.0 x 2.5 | 45 | 3 | 7,06 |
| 642273-03226 | 32 x 26 | 3.0 x 3.0 | 45 | 3 | 7,06 |

642274



RACOR HEMBRA TUERCA MOVIL
LOOSE NUT FEMALE COUPLING



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|-----------|-----------|-----|----|------|
| CODE | SIZE | THICKNESS | | | € |
| 642274-01615 | 16 x 1/2" | 2.0 | 120 | 10 | 2,88 |
| 642274-01620 | 16 x 3/4" | 2.0 | 120 | 10 | 3,66 |
| 642274-02015 | 20 x 1/2" | 2.0 | 120 | 10 | 3,19 |
| 642274-02020 | 20 x 3/4" | 2.0 | 100 | 10 | 4,01 |
| 642274-02520 | 25 x 3/4" | 2.5 | 70 | 5 | 5,03 |
| 642274-02525 | 25 x 1" | 2.5 | 60 | 5 | 6,47 |
| 642274-02620 | 26 x 3/4" | 3.0 | 70 | 5 | 5,03 |
| 642274-02625 | 26 x 1" | 3.0 | 60 | 5 | 6,47 |
| 642274-03225 | 32 x 1" | 3.0 | 60 | 3 | 7,22 |

642500



RACOR CODO MURAL
WALL PLATED ELBOW



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|--------------|-----------|-----------|----|----|------|
| CODE | SIZE | THICKNESS | | | € |
| 642500-01615 | 16 x 1/2" | 2.0 | 70 | 10 | 4,13 |
| 642500-02015 | 20 x 1/2" | 2.0 | 50 | 5 | 5,03 |
| 642500-02020 | 20 x 3/4" | 2.0 | 40 | 5 | 5,91 |

40642



VÁLVULA ESFERA CONEXIÓN MULTICAPA PRENSAR CON PALANCA COLOR ROJO DE ACERO INOXIDABLE
MULTILAYER PRESS BALL VALVE WITH RED STAINLESS STEEL HANDLE

NEW



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|-----------|--------|-----------|----|---|-------|
| CODE | SIZE | THICKNESS | | | € |
| 40642-016 | 16 | 2.0 | 32 | 8 | 11,07 |
| 40642-020 | 20 | 2.0 | 32 | 8 | 12,03 |
| 40642-025 | 25 | 2.5 | 16 | 4 | 14,46 |
| 40642-026 | 26 | 3.0 | 16 | 4 | 14,62 |
| 40642-032 | 32 | 3.0 | 16 | 4 | 21,28 |

41642



VÁLVULA ESFERA CONEXIÓN MULTICAPA PRENSAR CON MANDO PALOMILLA COLOR ROJO
MULTILAYER PRESS BALL VALVE WITH RED BUTTERFLY HANDLE

NEW



| CÓDIGO | MEDIDA | ESPESOR | | | € |
|-----------|--------|-----------|----|----|-------|
| CODE | SIZE | THICKNESS | | | € |
| 41642-016 | 16 | 2.0 | 48 | 12 | 11,19 |
| 41642-020 | 20 | 2.0 | 48 | 12 | 12,26 |
| 41642-025 | 25 | 2.5 | 28 | 7 | 14,64 |
| 41642-026 | 26 | 3.0 | 28 | 7 | 14,73 |
| 41642-032 | 32 | 3.0 | 16 | 4 | 21,49 |

42642



VÁLVULA ESFERA EMPOTRAR CONEXIÓN MULTICAPA PRENSAR
LONG NECK MULTILAYER BALL VALVE



| CÓDIGO CODE | MEDIDA SIZE | ESPESOR THICKNESS | | | € |
|----------------|----------------|----------------------|----|---|-------|
| 42642-016 | 16 | 2.0 | 32 | 8 | 11,83 |
| 42642-020 | 20 | 2.0 | 32 | 8 | 12,50 |
| 42642-025 | 25 | 2.5 | 24 | 6 | 17,17 |
| 42642-026 | 26 | 3.0 | 24 | 6 | 17,26 |
| 42642-032 | 32 | 3.0 | 12 | 3 | 24,72 |

6400



CALIBRADORES
GAUGES



| CÓDIGO CODE | MEDIDA SIZE | | | € |
|----------------|----------------|----|---|--------|
| 6400-162026 | 16-20-25/26 | 40 | 1 | 9,41 |
| 6400-16202632 | 16-20-25/26-32 | 1 | 1 | 115,50 |

6402



MUELLE CURVATUBOS EXTERIOR
EXTERNAL BENDING SPRINGS



| CÓDIGO CODE | MEDIDA SIZE | | | € |
|----------------|----------------|----|---|------|
| 6402-016 | 16 x 2.0 | 30 | 1 | 5,47 |
| 6402-018 | 18 x 2.0 | 30 | 1 | 6,35 |
| 6402-020 | 20 x 2.0 | 25 | 1 | 6,86 |
| 6402-025 | 25 x 2.5 | 20 | 1 | 8,26 |
| 6402-026 | 26 x 3.0 | 20 | 1 | 8,54 |
| 6402-032 | 32 x 3.0 | 15 | 1 | 9,49 |

6403



CORTATUBOS AUTOMÁTICO
AUTOMATIC PIPE CUTTER



| CÓDIGO CODE | MEDIDA SIZE | | | € |
|----------------|----------------|----|---|-------|
| 6403-1242 | 42 | 50 | 1 | 10,21 |

- Medida máxima 42mm
42mm maximum size

MAP115MLS4



Klauke
A Tebtran Company



| CÓDIGO | PERFIL | € |
|---------------|---------|-----------|
| CODE | PROFILE | € |
| MAP115MLS4-TH | TH | Consultar |

- Opción: maletín en perfiles RFz-U y H bajo consulta.
Option: tool box with profiles RFz-U and H under request.
- Se suministra con: maletín, máquina, cargador, batería y mordaza + casquillos TH 16, 20, 25 ó 26, 32.
Supplied with: toolbox, press machine, charger, battery and clamp + crimping profiles TH 16, 20, 25 or 26, 32.

INSTRUCCIONES DE MONTAJE PARA ACCESORIO MULTICAPA FITTING MULTILAYER INSTALLATION INSTRUCTIONS

1. Cortar el tubo de forma perpendicular al eje usando el cortatubos. Make a perpendicular cut in the pipe using the pipe cutter.



2. Calibrar el tubo
Calibrate de pipe using the gauge



3. Insertar el extremo del tubo multicapa en el accesorio. Verificar mediante las ventanas de visualización que el tubo de ha insertado completamente Insert the end of the multilayer pipe in the fitting. Verify by means of their viewing windows that the pipe has been inserted completely



4. Para el prensado del accesorio, se recomienda usar una máquina con fuerza de apriete igual o superior a 15kN For pressing the fitting, it's recommended using a pressing tool which a crimping force equal to 15kN or higher



5. Posicionar correctamente la mordaza en el accesorio (imagen ejemplo con perfil "TH") Place crrectly the press crimp in the fitting (exemple picture using 'TH' profile)



6. Prensar completamente el accesorio
Press de fitting completely



7. Una vez prensado, casquillo y tubería se adaptan al perfil del accesorio garantizando la estanquidad After pressing, sleeves and pipe adapt their shapes to the fitting's profile ensuring the tightness





LEYENDA DE ICONOS

ICON KEY

Posibles codificaciones aplicadas en esta sección.

Possible encodings applied in this section.



Antihielo
Nofrost system



Inoxidable
Stainless steel



Código de barras EAN
EAN bar code



Cierre de Seguridad
Locking Device

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES

NUEVA GAMA DE PRODUCTOS MT GARDEN

NEW MT GARDEN PRODUCT RANGE

GRIFOS DE JARDÍN Y ACCESORIOS DE LATÓN PARA LA CONEXIÓN DE MANGUERAS

- Productos de alta calidad y larga duración.
- Resistentes a los impactos y a la continua exposición solar.
- Resistentes a las mordeduras de las mascotas.
- Accesorios para mangueras de 15 y 19 mm.
- Sistema de cierre con STOP para el corte de agua.

GARDEN BIBCOCKS RANGE AND BRASS FITTINGS FOR HOSES CONNECTIONS

- High quality products and for long timer
- Resistant to impacts and to continuous solar exposure.
- Resistant to pet bites.
- Hoses accessories for 15 and 19 mm.
- With STOP closure system for close water.



Presentación en blíster para una mejor exposición en los establecimientos de venta al público
Blister presentation for a better exhibition in retail establishments

MT GARDEN

MT®
GARDEN



4131G



LANZA DE RIEGO REGULABLE
QUICK CONNECTOR ADJUSTABLE NOZZLE



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|---|------|
| CODE | SIZE | | | € |
| 4131-000G | 100mm. | 60 | 1 | 7,08 |

4134G



UNIÓN MANGUERA MANGUERA
HOSE TO HOSE CONNECTOR



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|---|------|
| CODE | SIZE | | | € |
| 4134-015G | 15mm. | 70 | 1 | 5,80 |
| 4134-019G | 19mm. | 40 | 1 | 8,39 |

4133G



ENCHUFE RÁPIDO
QUICK CONNECTOR



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|---|------|
| CODE | SIZE | | | € |
| 4133-015G | 15mm. | 70 | 1 | 5,92 |
| 4133-019G | 19mm. | 50 | 1 | 6,33 |

41332G



ENCHUFE RÁPIDO CON STOP
QUICK CONNECTOR WITH STOP



| CÓDIGO | MEDIDA | | | € |
|------------|--------|----|---|------|
| CODE | SIZE | | | € |
| 41332-015G | 15mm. | 70 | 1 | 5,80 |
| 41332-019G | 19mm. | 50 | 1 | 6,46 |

4132G



RACOR HEMBRA CON ENCHUFE RÁPIDO
FEMALE WITH QUICK CONNECTOR



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|---|------|
| CODE | SIZE | | | € |
| 4132-015G | 1/2" | 70 | 1 | 2,60 |
| 4132-020G | 3/4" | 70 | 1 | 2,70 |
| 4132-025G | 1" | 60 | 1 | 3,13 |

4135G



RACOR MACHO CON ENCHUFE RÁPIDO
MALE WITH QUICK CONNECTOR



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|---|------|
| CODE | SIZE | | | € |
| 4135-015G | 1/2" | 70 | 1 | 2,92 |
| 4135-020G | 3/4" | 70 | 1 | 2,98 |

41302G



DERIVACIÓN DOS SALIDAS
TWO WAY TAP OUTLET



| CÓDIGO | MEDIDA | | | € |
|--------------|--------------------|----|---|-------|
| CODE | SIZE | | | € |
| 41302-02020G | 3/4" x 3/4" x 3/4" | 10 | 1 | 18,46 |

41303G



DERIVACIÓN TRES SALIDAS
THREE WAY TAP OUTLET



| CÓDIGO | MEDIDA | | | € |
|--------------|---------------------------|---|---|-------|
| CODE | SIZE | | | € |
| 41303-02020G | 3/4" x 3/4" x 3/4" x 3/4" | 8 | 1 | 23,56 |

0921G



GRIFO ESFERA JARDÍN INOXIDABLE PN-16 CON RACOR MANGUERA
STAINLESS STEEL BIBCOCK GARDEN PN-16 WITH HOSE CONNECTOR



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 0921-015G | 1/2" | 12 | 1 | 21,27 |

4148G



GRIFO ESFERA JARDÍN PN-16 DOS SALIDAS PALANCA CROMADA CON ENCHUFE RÁPIDO
BRASS BALL BIBCOCK GARDEN TWO OUTLETS PN-16 CHROME HANDLE WITH QUICK FEMALE CONNECTOR



| CÓDIGO | MEDIDA | | | € |
|---------------|--------------------|----|---|-------|
| CODE | SIZE | | | € |
| 4148-0152020G | 1/2" x 3/4" x 3/4" | 12 | 1 | 13,58 |

4111G



GRIFO ESFERA JARDÍN PN-16 CON RACOR MANGUERA
BRASS BALL BIBCOCK GARDEN PN-16 WITH WITH HOSE HOSE CONNECTOR

ANTIHIELO NOFROST



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|----|---|-------|
| CODE | SIZE | | | € |
| 4111-01520G | 1/2" x 3/4" | 12 | 1 | 6,64 |
| 4111-02025G | 3/4" x 1" | 12 | 1 | 10,12 |

4123G



GRIFO ESFERA JARDÍN PN-16 CON PALANCA ACERO INOXIDABLE COLOR NEGRO Y ENCHUFE RÁPIDO
BRASS BALL BIBCOCK GARDEN PN-16 WITH STAINLESS STEEL BLACK HANDLE AND QUICK FEMALE CONNECTOR

ANTIHIELO NOFROST



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|----|---|------|
| CODE | SIZE | | | € |
| 4123-01520G | 1/2" x 3/4" | 12 | 1 | 9,23 |

4145G



GRIFO JARDÍN DE LATÓN PN-10 ENCHUFE MANGUE-
RA BRASS BIBCOCK GARDEN PN-10 HOSE CONNEC-
TOR



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|----|---|-------|
| CODE | SIZE | | | € |
| 4145-01520G | 1/2" x 3/4" | 20 | 1 | 11,40 |

4147G



GRIFO ESFERA JARDÍN PN-16 PALANCA CROMADA CON CIERRE
DE SEGURIDAD Y RACOR MANGUERA BRASS BALL BIBCOCK
GARDEN PN-16 CHROME HANDLE WITH LOCKING DEVICE AND
HOSE CONNECTOR

**ANTIHIELO
NOFROST**



| CÓDIGO | MEDIDA | | | € |
|-------------|-------------|----|---|------|
| CODE | SIZE | | | € |
| 4147-01520G | 1/2" x 3/4" | 12 | 1 | 6,79 |

Presión máxima de trabajo en Bar
Maximum working pressure Bar



Rango de temperatura °C
Temperature range °C

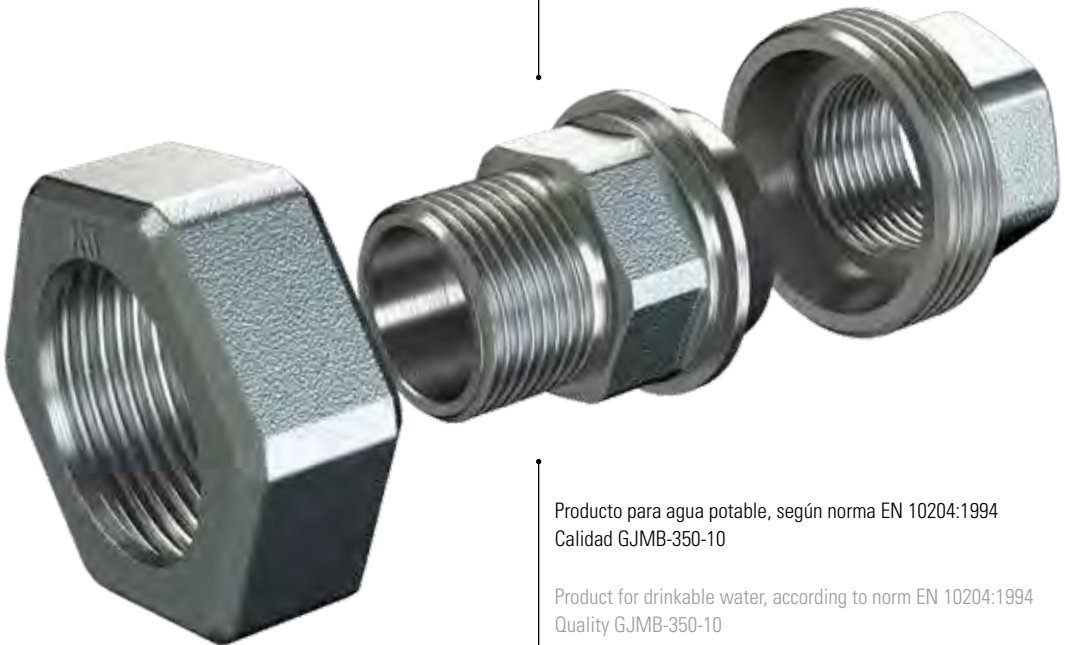


LÍMITES TÉCNICOS:

Presión nominal: PN-25 (300 psi)
Rango de temperatura de trabajo: -20 +300°C

TECHNICAL LIMITS:

Nominal pressure: PN-25 (300 psi)
Working temperature range: -20 +300°C



Producto para agua potable, según norma EN 10204:1994
Calidad GJMB-350-10

Product for drinkable water, according to norm EN 10204:1994
Quality GJMB-350-10

LEYENDA DE ICONOS
ICON KEY

Posibles codificaciones
aplicadas en esta sección.

Possible encodings applied
in this section.



CERTIFICADOS DE PRODUCTO
PRODUCT CERTIFICATES

ACCESORIO DE HIERRO MALEABLE GALVANIZADO

MALLEABLE GALVANIZED
IRON FITTINGS



CARACTERÍSTICAS:

Fabricado bajo norma UNE EN 10242.
Roscas de unión de acuerdo con ISO 7-1 (DIN 2999 / BS 21).
Diámetro nominal DN bajo ISO 6708.
Dimensiones según ISO 49 y DIN 2950.

UTILIZACIÓN:

Para agua fría y caliente, aceite, aire, gas y vapor.

FEATURES:

Manufactured under UNE EN 10242.
Union threads according to ISO 7-1 (DIN 2999 / BS 21).
Nominal size DN according to ISO 6708
Dimensions according to ISO 49 and DIN 2950.

USE:

For hot and cold water, oil, air, gas and steam.



GALVANIZADO
GALVANIZED

001

ACS

CURVA 90° M-H
M-F LONG SWEEP BEND 90°



| CÓDIGO | MEDIDA | | | € |
|---------|--------|-----|----|--------|
| CODE | SIZE | | | € |
| 001-010 | 3/8" | 250 | 10 | 3,48 |
| 001-015 | 1/2" | 180 | 10 | 3,88 |
| 001-020 | 3/4" | 100 | 10 | 5,74 |
| 001-025 | 1" | 40 | 10 | 7,76 |
| 001-032 | 1 1/4" | 20 | 5 | 14,71 |
| 001-040 | 1 1/2" | 20 | 5 | 18,68 |
| 001-050 | 2" | 10 | 5 | 37,34 |
| 001-065 | 2 1/2" | 5 | 1 | 73,69 |
| 001-080 | 3" | 4 | 1 | 102,86 |
| 001-100 | 4" | 1 | 1 | 170,76 |

002

ACS

CURVA 90° H-H
F-F LONG SWEEP BEND 90°



| CÓDIGO | MEDIDA | | | € |
|---------|--------|-----|----|--------|
| CODE | SIZE | | | € |
| 002-010 | 3/8" | 250 | 10 | 3,68 |
| 002-015 | 1/2" | 150 | 10 | 3,58 |
| 002-020 | 3/4" | 80 | 10 | 5,69 |
| 002-025 | 1" | 40 | 10 | 8,22 |
| 002-032 | 1 1/4" | 20 | 5 | 14,70 |
| 002-040 | 1 1/2" | 15 | 5 | 18,67 |
| 002-050 | 2" | 10 | 5 | 33,44 |
| 002-065 | 2 1/2" | 5 | 1 | 77,25 |
| 002-080 | 3" | 2 | 1 | 101,69 |
| 002-100 | 4" | 1 | 1 | 175,48 |

003

ACS

CURVA 90° M-M
M-M LONG SWEEP BEND 90°



| CÓDIGO | MEDIDA | | | € |
|---------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 003-015 | 1/2" | 300 | 10 | 5,20 |
| 003-020 | 3/4" | 150 | 10 | 7,35 |
| 003-025 | 1" | 60 | 10 | 10,97 |
| 003-032 | 1 1/4" | 40 | 5 | 22,69 |
| 003-040 | 1 1/2" | 25 | 5 | 29,84 |
| 003-050 | 2" | 10 | 5 | 40,01 |

040

ACS

CURVA 45° M-H
M-F LONG SWEEP BEND 45°



| CÓDIGO | MEDIDA | | | € |
|---------|--------|-----|----|--------|
| CODE | SIZE | | | € |
| 040-010 | 3/8" | 300 | 10 | 4,18 |
| 040-015 | 1/2" | 200 | 10 | 3,65 |
| 040-020 | 3/4" | 120 | 10 | 4,93 |
| 040-025 | 1" | 50 | 10 | 7,25 |
| 040-032 | 1 1/4" | 40 | 5 | 12,04 |
| 040-040 | 1 1/2" | 30 | 5 | 18,40 |
| 040-050 | 2" | 15 | 5 | 29,40 |
| 040-065 | 2 1/2" | 10 | 1 | 55,31 |
| 040-080 | 3" | 5 | 1 | 78,98 |
| 040-100 | 4" | 2 | 1 | 143,78 |

041

ACS

CURVA 45° H-H
F-F LONG SWEEP BEND 45°

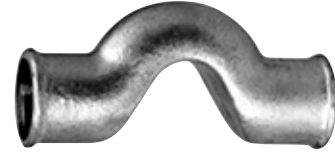


| CÓDIGO | MEDIDA | | | € |
|---------|--------|-----|----|--------|
| CODE | SIZE | | | € |
| 041-015 | 1/2" | 200 | 10 | 5,04 |
| 041-020 | 3/4" | 120 | 10 | 5,48 |
| 041-025 | 1" | 50 | 10 | 7,24 |
| 041-032 | 1 1/4" | 40 | 5 | 12,80 |
| 041-040 | 1 1/2" | 30 | 5 | 21,37 |
| 041-050 | 2" | 15 | 5 | 29,84 |
| 041-065 | 2 1/2" | 9 | 1 | 63,86 |
| 041-080 | 3" | 5 | 1 | 80,70 |
| 041-100 | 4" | 2 | 1 | 151,13 |

085

ACS

CURVA PUENTE H-H
F-F CROSSOVERS



| CÓDIGO | MEDIDA | | | € |
|---------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 085-015 | 1/2" | 100 | 10 | 5,36 |
| 085-020 | 3/4" | 60 | 10 | 7,99 |
| 085-025 | 1" | 30 | 10 | 16,49 |

090

ACS

CODO 90° H-H
F-F ELBOW 90°



| CÓDIGO | MEDIDA | | | € |
|---------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 090-008 | 1/4" | 400 | 10 | 2,29 |
| 090-010 | 3/8" | 250 | 10 | 1,97 |
| 090-015 | 1/2" | 250 | 10 | 1,23 |
| 090-020 | 3/4" | 140 | 10 | 1,73 |
| 090-025 | 1" | 80 | 10 | 2,69 |
| 090-032 | 1 1/4" | 40 | 5 | 4,91 |
| 090-040 | 1 1/2" | 30 | 5 | 6,33 |
| 090-050 | 2" | 20 | 5 | 9,68 |
| 090-065 | 2 1/2" | 8 | 1 | 32,87 |
| 090-080 | 3" | 6 | 1 | 50,34 |
| 090-100 | 4" | 3 | 1 | 80,50 |

092

ACS

CODO 90° M-H
M-F ELBOW 90°



| CÓDIGO | MEDIDA | | | € |
|---------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 092-008 | 1/4" | 700 | 10 | 2,57 |
| 092-010 | 3/8" | 500 | 10 | 2,03 |
| 092-015 | 1/2" | 250 | 10 | 1,58 |
| 092-020 | 3/4" | 140 | 10 | 1,92 |
| 092-025 | 1" | 80 | 10 | 3,20 |
| 092-032 | 1 1/4" | 55 | 5 | 6,10 |
| 092-040 | 1 1/2" | 30 | 5 | 8,23 |
| 092-050 | 2" | 16 | 1 | 11,87 |
| 092-065 | 2 1/2" | 12 | 1 | 38,11 |
| 092-080 | 3" | 8 | 1 | 56,97 |
| 092-100 | 4" | 4 | 1 | 76,54 |

090R

ACS

CODO 90° REDUCIDO H-H
F-F REDUCING ELBOW 90°



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|-----------------|-----|----|--------|
| 090-01510 | 1/2" x 3/8" | 300 | 10 | 2,07 |
| 090-02015 | 3/4" x 1/2" | 160 | 10 | 2,16 |
| 090-02515 | 1" x 1/2" | 110 | 10 | 4,01 |
| 090-02520 | 1" x 3/4" | 100 | 10 | 4,53 |
| 090-03215 | 1 1/4" x 1/2" | 80 | 5 | 9,21 |
| 090-03220 | 1 1/4" x 3/4" | 70 | 5 | 9,21 |
| 090-03225 | 1 1/4" x 1" | 60 | 5 | 7,20 |
| 090-04015 | 1 1/2" x 1/2" | 60 | 5 | 10,27 |
| 090-04020 | 1 1/2" x 3/4" | 60 | 5 | 10,27 |
| 090-04025 | 1 1/2" x 1" | 40 | 5 | 10,27 |
| 090-04032 | 1 1/2" x 1 1/4" | 40 | 5 | 11,81 |
| 090-05015 | 2" x 1/2" | 40 | 5 | 17,52 |
| 090-05020 | 2" x 3/4" | 40 | 5 | 17,52 |
| 090-05025 | 2" x 1" | 30 | 5 | 17,52 |
| 090-05032 | 2" x 1 1/4" | 30 | 5 | 19,10 |
| 090-05040 | 2" x 1 1/2" | 30 | 5 | 19,10 |
| 090-06540 | 2 1/2" x 1 1/2" | 20 | 1 | 81,68 |
| 090-06550 | 2 1/2" x 2" | 20 | 1 | 81,47 |
| 090-08050 | 3" x 2" | 10 | 1 | 100,74 |
| 090-08065 | 3" x 2 1/2" | 6 | 1 | 100,74 |

096

ACS

CODO UNIÓN H-H ASIENTO CÓNICO
F-F UNION ELBOW WITH TAPERED SEAT

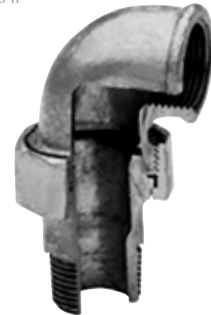


| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|-----|----|--------|
| 096-010 | 3/8" | 120 | 10 | 7,96 |
| 096-015 | 1/2" | 100 | 10 | 7,96 |
| 096-020 | 3/4" | 60 | 10 | 10,06 |
| 096-025 | 1" | 40 | 10 | 13,40 |
| 096-032 | 1 1/4" | 30 | 5 | 25,42 |
| 096-040 | 1 1/2" | 20 | 5 | 35,25 |
| 096-050 | 2" | 12 | 1 | 52,56 |

098

ACS

CODO UNIÓN M-H ASIENTO CÓNICO
M-F ELBOW WITH TAPERED SEAT



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|----|----|--------|
| 098-010 | 3/8" | 80 | 10 | 9,12 |
| 098-015 | 1/2" | 80 | 10 | 9,12 |
| 098-020 | 3/4" | 50 | 10 | 11,87 |
| 098-025 | 1" | 30 | 10 | 15,13 |
| 098-032 | 1 1/4" | 20 | 5 | 25,54 |
| 098-040 | 1 1/2" | 15 | 5 | 35,38 |
| 098-050 | 2" | 10 | 5 | 52,88 |
| 098-065 | 2 1/2" | 5 | 1 | 82,28 |

120

ACS

CODO 45° H-H
F-F ELBOW 45°



| CÓDIGO | MEDIDA | | | € |
|---------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 120-015 | 1/2" | 300 | 10 | 4,68 |
| 120-020 | 3/4" | 180 | 10 | 5,90 |
| 120-025 | 1" | 100 | 10 | 8,56 |
| 120-032 | 1 1/4" | 50 | 5 | 15,96 |
| 120-040 | 1 1/2" | 40 | 5 | 20,22 |
| 120-050 | 2" | 20 | 5 | 25,81 |
| 120-065 | 2 1/2" | 12 | 1 | 35,66 |
| 120-080 | 3" | 6 | 1 | 89,87 |
| 120-100 | 4" | 3 | 1 | 89,87 |

180

ACS

CRUZ H
F CROSS



| CÓDIGO | MEDIDA | | | € |
|---------|--------|-----|----|--------|
| CODE | SIZE | | | € |
| 180-010 | 3/8" | 110 | 10 | 11,99 |
| 180-015 | 1/2" | 100 | 10 | 5,98 |
| 180-020 | 3/4" | 70 | 10 | 8,93 |
| 180-025 | 1" | 40 | 10 | 10,82 |
| 180-032 | 1 1/4" | 20 | 5 | 15,30 |
| 180-040 | 1 1/2" | 15 | 5 | 20,63 |
| 180-050 | 2" | 10 | 5 | 31,95 |
| 180-065 | 2 1/2" | 6 | 1 | 75,81 |
| 180-080 | 3" | 5 | 1 | 87,91 |
| 180-100 | 4" | 1 | 1 | 126,72 |

221

ACS

CODO TRES BOCAS H
F THREE OUTLETS ELBOW



| CÓDIGO | MEDIDA | | | € |
|---------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 221-015 | 1/2" | 120 | 10 | 5,48 |
| 221-020 | 3/4" | 70 | 10 | 6,77 |
| 221-025 | 1" | 50 | 10 | 12,89 |
| 221-040 | 1 1/2" | 20 | 5 | 30,63 |

223

ACS

CODO CUATRO BOCAS H
F ELBOW WITH TWO LATERALS





| CÓDIGO | MEDIDA | | | € |
|---------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 223-015 | 1/2" | 120 | 10 | 10,18 |
| 223-020 | 3/4" | 70 | 10 | 17,55 |
| 223-025 | 1" | 50 | 10 | 21,68 |

130

ACS

TE IGUAL H
F EQUAL TEE





| CÓDIGO CODE | MEDIDA SIZE |  |  | € € |
|----------------|----------------|---|---|--------|
| 130-008 | 1/4" | 300 | 10 | 3,32 |
| 130-010 | 3/8" | 200 | 10 | 2,75 |
| 130-015 | 1/2" | 150 | 10 | 1,73 |
| 130-020 | 3/4" | 80 | 10 | 2,56 |
| 130-025 | 1" | 50 | 10 | 3,85 |
| 130-032 | 1 1/4" | 30 | 5 | 7,15 |
| 130-040 | 1 1/2" | 20 | 5 | 9,36 |
| 130-050 | 2" | 12 | 4 | 14,16 |
| 130-065 | 2 1/2" | 8 | 1 | 48,57 |
| 130-080 | 3" | 6 | 1 | 56,97 |
| 130-100 | 4" | 3 | 1 | 102,38 |

130R

ACS

TE REDUCIDA H
F REDUCING TEE





| CÓDIGO CODE | MEDIDA SIZE |  |  | € € |
|----------------|-----------------|---|---|--------|
| 130-02015 | 3/4" x 1/2" | 120 | 10 | 3,08 |
| 130-02515 | 1" x 1/2" | 60 | 10 | 4,71 |
| 130-02520 | 1" x 3/4" | 60 | 10 | 4,76 |
| 130-03215 | 1 1/4" x 1/2" | 40 | 5 | 7,56 |
| 130-03220 | 1 1/4" x 3/4" | 40 | 5 | 8,35 |
| 130-03225 | 1 1/4" x 1" | 30 | 5 | 8,74 |
| 130-04015 | 1 1/2" x 1/2" | 30 | 5 | 10,37 |
| 130-04020 | 1 1/2" x 3/4" | 30 | 5 | 10,74 |
| 130-04025 | 1 1/2" x 1" | 30 | 5 | 10,37 |
| 130-04032 | 1 1/2" x 1 1/4" | 25 | 5 | 16,32 |
| 130-05015 | 2" x 1/2" | 20 | 5 | 14,21 |
| 130-05020 | 2" x 3/4" | 20 | 5 | 19,89 |
| 130-05025 | 2" x 1" | 20 | 5 | 15,04 |
| 130-05032 | 2" x 1 1/4" | 15 | 5 | 19,89 |
| 130-05040 | 2" x 1 1/2" | 15 | 5 | 22,92 |
| 130-06520 | 2 1/2" x 3/4" | 8 | 1 | 51,64 |
| 130-06525 | 2 1/2" x 1" | 8 | 1 | 51,64 |
| 130-06532 | 2 1/2" x 1 1/4" | 8 | 1 | 52,69 |
| 130-06540 | 2 1/2" x 1 1/2" | 8 | 1 | 52,69 |
| 130-06550 | 2 1/2" x 2" | 8 | 1 | 60,20 |
| 130-08040 | 3" x 1 1/2" | 5 | 1 | 72,80 |
| 130-08050 | 3" x 2" | 5 | 1 | 66,18 |
| 130-08065 | 3" x 2 1/2" | 5 | 1 | 72,80 |
| 130-10050 | 4" x 2" | 4 | 1 | 120,18 |
| 130-10065 | 4" x 2 1/2" | 4 | 1 | 120,18 |
| 130-10080 | 4" x 3" | 4 | 1 | 120,18 |

245

ACS

MACHÓN REDUCCIÓN M-M M-M REDUCING NIPPLE



| CÓDIGO CODE | MEDIDA SIZE |  |  | € € |
|----------------|-----------------|---|---|--------|
| 245-00806* | 1/4" x 1/8" | 800 | 10 | 2,56 |
| 245-01008 | 3/8" x 1/4" | 500 | 10 | 2,56 |
| 245-01508 | 1/2" x 1/4" | 300 | 10 | 2,56 |
| 245-01510 | 1/2" x 3/8" | 200 | 10 | 2,56 |
| 245-02010 | 3/4" x 3/8" | 250 | 10 | 4,10 |
| 245-02015 | 3/4" x 1/2" | 250 | 10 | 2,16 |
| 245-02515 | 1" x 1/2" | 130 | 10 | 4,72 |
| 245-02520 | 1" x 3/4" | 130 | 10 | 2,79 |
| 245-03215 | 1 1/4" x 1/2" | 70 | 5 | 8,52 |
| 245-03220 | 1 1/4" x 3/4" | 70 | 5 | 6,70 |
| 245-03225 | 1 1/4" x 1" | 70 | 5 | 4,88 |
| 245-04020 | 1 1/2" x 3/4" | 60 | 5 | 7,08 |
| 245-04025 | 1 1/2" x 1" | 60 | 5 | 10,21 |
| 245-04032 | 1 1/2" x 1 1/4" | 60 | 5 | 7,68 |
| 245-05025 | 2" x 1" | 30 | 5 | 10,86 |
| 245-05032 | 2" x 1 1/4" | 30 | 5 | 13,57 |
| 245-05040 | 2" x 1 1/2" | 30 | 5 | 12,26 |
| 245-06540 | 2 1/2" x 1 1/2" | 20 | 1 | 26,50 |
| 245-06550 | 2 1/2" x 2" | 20 | 1 | 26,50 |
| 245-08050 | 3" x 2" | 20 | 1 | 42,14 |
| 245-08065 | 3" x 2 1/2" | 20 | 1 | 42,14 |
| 245-10080 | 4" x 3" | 10 | 1 | 132,87 |



- * Disponible hasta agotar existencias
* While stocks lasts

246

ACS

MANGUITO REDUCCIÓN H-M F-M REDUCING NIPPLE SOCKET





| CÓDIGO CODE | MEDIDA SIZE |  |  | € € |
|----------------|-----------------|---|---|--------|
| 246-01008 | 3/8" x 1/4" | 400 | 10 | 3,48 |
| 246-01508 | 1/2" x 1/4" | 380 | 10 | 3,36 |
| 246-01510 | 1/2" x 3/8" | 380 | 10 | 3,36 |
| 246-02010 | 3/4" x 3/8" | 220 | 10 | 4,10 |
| 246-02015 | 3/4" x 1/2" | 220 | 10 | 3,37 |
| 246-02515 | 1" x 1/2" | 120 | 10 | 4,75 |
| 246-02520 | 1" x 3/4" | 120 | 10 | 4,75 |
| 246-03215 | 1 1/4" x 1/2" | 80 | 5 | 10,46 |
| 246-03220 | 1 1/4" x 3/4" | 80 | 5 | 7,60 |
| 246-03225 | 1 1/4" x 1" | 80 | 5 | 7,60 |
| 246-04020 | 1 1/2" x 3/4" | 60 | 5 | 9,89 |
| 246-04025 | 1 1/2" x 1" | 60 | 5 | 10,40 |
| 246-04032 | 1 1/2" x 1 1/4" | 60 | 5 | 12,59 |
| 246-05025 | 2" x 1" | 30 | 5 | 14,98 |
| 246-05032 | 2" x 1 1/4" | 30 | 5 | 13,54 |
| 246-05040 | 2" x 1 1/2" | 30 | 5 | 14,79 |

240

ACS

MANGUITO REDUCCIÓN H-H
F-F REDUCING SOCKET





| CÓDIGO CODE | MEDIDA SIZE |  |  | € € |
|----------------|-----------------|---|---|--------|
| 240-01008 | 3/8" x 1/4" | 600 | 10 | 2,12 |
| 240-01508 | 1/2" x 1/4" | 400 | 10 | 2,05 |
| 240-01510 | 1/2" x 3/8" | 400 | 10 | 2,05 |
| 240-02010 | 3/4" x 3/8" | 250 | 10 | 2,79 |
| 240-02015 | 3/4" x 1/2" | 240 | 10 | 2,25 |
| 240-02515 | 1" x 1/2" | 160 | 10 | 3,14 |
| 240-02520 | 1" x 3/4" | 160 | 10 | 2,91 |
| 240-03215 | 1 1/4" x 1/2" | 90 | 5 | 6,58 |
| 240-03220 | 1 1/4" x 3/4" | 90 | 5 | 5,55 |
| 240-03225 | 1 1/4" x 1" | 90 | 5 | 5,55 |
| 240-04015 | 1 1/2" x 1/2" | 80 | 5 | 9,50 |
| 240-04020 | 1 1/2" x 3/4" | 70 | 5 | 8,96 |
| 240-04025 | 1 1/2" x 1" | 60 | 5 | 6,44 |
| 240-04032 | 1 1/2" x 1 1/4" | 50 | 5 | 6,70 |
| 240-05015 | 2" x 1/2" | 50 | 5 | 12,75 |
| 240-05020 | 2" x 3/4" | 50 | 5 | 13,23 |
| 240-05025 | 2" x 1" | 50 | 5 | 13,23 |
| 240-05032 | 2" x 1 1/4" | 40 | 5 | 11,99 |
| 240-05040 | 2" x 1 1/2" | 40 | 5 | 10,46 |
| 240-06515 | 2 1/2" x 1/2" | 22 | 1 | 30,28 |
| 240-06525 | 2 1/2" x 1" | 22 | 1 | 30,24 |
| 240-06532 | 2 1/2" x 1 1/4" | 22 | 1 | 31,37 |
| 240-06540 | 2 1/2" x 1 1/2" | 22 | 1 | 35,38 |
| 240-06550 | 2 1/2" x 2" | 22 | 1 | 30,78 |
| 240-08040 | 3" x 1 1/2" | 18 | 1 | 33,36 |
| 240-08050 | 3" x 2" | 18 | 1 | 45,87 |
| 240-08065 | 3" x 2 1/2" | 18 | 1 | 45,87 |
| 240-10050 | 4" x 2" | 6 | 1 | 66,58 |
| 240-10065 | 4" x 2 1/2" | 6 | 1 | 69,52 |
| 240-10080 | 4" x 3" | 6 | 1 | 76,97 |

241

ACS

TUERCA REDUCCIÓN M-H
M-F REDUCING BUSHINGS



| CÓDIGO CODE | MEDIDA SIZE |  |  | € € |
|----------------|-----------------|---|---|--------|
| 241-01008 | 3/8" x 1/4" | 1000 | 10 | 1,94 |
| 241-01508 | 1/2" x 1/4" | 800 | 10 | 1,28 |
| 241-01510 | 1/2" x 3/8" | 800 | 10 | 1,28 |
| 241-02008 | 3/4" x 1/4" | 480 | 10 | 1,61 |
| 241-02010 | 3/4" x 3/8" | 480 | 10 | 1,61 |
| 241-02015 | 3/4" x 1/2" | 480 | 10 | 1,34 |
| 241-02508 | 1" x 1/4" | 260 | 10 | 2,13 |
| 241-02510 | 1" x 3/8" | 260 | 10 | 2,24 |
| 241-02515 | 1" x 1/2" | 260 | 10 | 2,03 |
| 241-02520 | 1" x 3/4" | 260 | 10 | 2,03 |
| 241-03215 | 1 1/4" x 1/2" | 160 | 5 | 3,40 |
| 241-03220 | 1 1/4" x 3/4" | 160 | 5 | 3,36 |
| 241-03225 | 1 1/4" x 1" | 160 | 5 | 3,14 |
| 241-04010 | 1 1/2" x 3/8" | 120 | 5 | 4,41 |
| 241-04015 | 1 1/2" x 1/2" | 120 | 5 | 4,41 |
| 241-04020 | 1 1/2" x 3/4" | 120 | 5 | 4,65 |
| 241-04025 | 1 1/2" x 1" | 120 | 5 | 3,73 |
| 241-04032 | 1 1/2" x 1 1/4" | 120 | 5 | 3,67 |
| 241-05015 | 2" x 1/2" | 60 | 5 | 9,50 |
| 241-05020 | 2" x 3/4" | 60 | 5 | 9,18 |
| 241-05025 | 2" x 1" | 60 | 5 | 6,96 |
| 241-05032 | 2" x 1 1/4" | 60 | 5 | 6,44 |
| 241-05040 | 2" x 1 1/2" | 60 | 5 | 6,44 |
| 241-06515 | 2 1/2" x 1/2" | 40 | 1 | 28,87 |
| 241-06520 | 2 1/2" x 3/4" | 40 | 1 | 28,87 |
| 241-06525 | 2 1/2" x 1" | 40 | 1 | 19,94 |
| 241-06532 | 2 1/2" x 1 1/4" | 40 | 1 | 19,94 |
| 241-06540 | 2 1/2" x 1 1/2" | 40 | 1 | 19,60 |
| 241-06550 | 2 1/2" x 2" | 40 | 1 | 18,68 |
| 241-08025 | 3" x 1" | 30 | 1 | 22,19 |
| 241-08032 | 3" x 1 1/4" | 30 | 1 | 22,95 |
| 241-08040 | 3" x 1 1/2" | 30 | 1 | 21,68 |
| 241-08050 | 3" x 2" | 30 | 1 | 23,28 |
| 241-08065 | 3" x 2 1/2" | 30 | 1 | 23,40 |
| 241-10050 | 4" x 2" | 18 | 1 | 40,51 |
| 241-10065 | 4" x 2 1/2" | 18 | 1 | 41,29 |
| 241-10080 | 4" x 3" | 18 | 1 | 41,29 |

270

ACS

MANGUITO H-H
F-F SOCKET



| CÓDIGO | MEDIDA | | | € |
|----------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 270-006* | 1/8" | 700 | 10 | 1,94 |
| 270-008 | 1/4" | 700 | 10 | 1,85 |
| 270-010 | 3/8" | 400 | 10 | 1,85 |
| 270-015 | 1/2" | 340 | 10 | 1,21 |
| 270-020 | 3/4" | 220 | 10 | 1,51 |
| 270-025 | 1" | 120 | 10 | 2,54 |
| 270-032 | 1 1/4" | 60 | 5 | 3,56 |
| 270-040 | 1 1/2" | 50 | 5 | 4,80 |
| 270-050 | 2" | 25 | 5 | 7,71 |
| 270-065 | 2 1/2" | 22 | 1 | 26,78 |
| 270-080 | 3" | 18 | 1 | 34,76 |
| 270-100 | 4" | 6 | 1 | 70,72 |

- * Disponible hasta agotar existencias
* While stocks lasts

280

ACS

MACHÓN M-M
M-M HEXAGON NIPPLE



| CÓDIGO | MEDIDA | | | € |
|---------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 280-008 | 1/4" | 500 | 10 | 2,48 |
| 280-010 | 3/8" | 500 | 10 | 2,25 |
| 280-015 | 1/2" | 350 | 10 | 1,26 |
| 280-020 | 3/4" | 250 | 10 | 1,46 |
| 280-025 | 1" | 130 | 10 | 1,99 |
| 280-032 | 1 1/4" | 70 | 5 | 3,81 |
| 280-040 | 1 1/2" | 60 | 5 | 4,75 |
| 280-050 | 2" | 30 | 5 | 7,64 |
| 280-065 | 2 1/2" | 24 | 1 | 23,14 |
| 280-080 | 3" | 18 | 1 | 35,98 |
| 280-100 | 4" | 6 | 1 | 67,08 |

290

ACS

TAPÓN CON REBORDE M
M PLUG BEADED



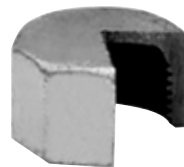
| CÓDIGO | MEDIDA | | | € |
|----------|--------|------|----|-------|
| CODE | SIZE | | | € |
| 290-006* | 1/8" | 1000 | 10 | 1,72 |
| 290-008 | 1/4" | 1000 | 10 | 1,46 |
| 290-010 | 3/8" | 1000 | 10 | 1,28 |
| 290-015 | 1/2" | 800 | 10 | 0,93 |
| 290-020 | 3/4" | 400 | 10 | 1,26 |
| 290-025 | 1" | 250 | 10 | 1,62 |
| 290-032 | 1 1/4" | 160 | 5 | 3,21 |
| 290-040 | 1 1/2" | 130 | 5 | 4,31 |
| 290-050 | 2" | 60 | 5 | 6,55 |
| 290-065 | 2 1/2" | 50 | 1 | 15,42 |
| 290-080 | 3" | 26 | 1 | 19,55 |
| 290-100 | 4" | 18 | 1 | 32,26 |

- * Disponible hasta agotar existencias
* While stocks lasts

300

ACS

TAPÓN HEXAGONAL H
F HEXAGON CAP

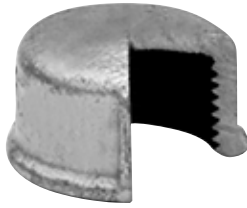


| CÓDIGO | MEDIDA | | | € |
|---------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 300-008 | 1/4" | 800 | 10 | 1,55 |
| 300-010 | 3/8" | 800 | 10 | 1,55 |
| 300-015 | 1/2" | 600 | 10 | 1,51 |
| 300-020 | 3/4" | 400 | 10 | 1,88 |
| 300-025 | 1" | 250 | 10 | 2,39 |
| 300-032 | 1 1/4" | 100 | 5 | 4,45 |
| 300-040 | 1 1/2" | 90 | 5 | 5,20 |
| 300-050 | 2" | 70 | 5 | 8,56 |
| 300-065 | 2 1/2" | 25 | 1 | 19,43 |
| 300-080 | 3" | 18 | 1 | 21,92 |
| 300-100 | 4" | 12 | 1 | 36,67 |

301

ACS

TAPÓN H
F ROUND CAP



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|-----|----|--------|
| 301-010 | 3/8" | 800 | 10 | 1,61 |
| 301-015 | 1/2" | 800 | 10 | 1,70 |
| 301-020 | 3/4" | 400 | 10 | 1,85 |
| 301-025 | 1" | 250 | 10 | 2,29 |
| 301-032 | 1 1/4" | 100 | 5 | 3,09 |
| 301-040 | 1 1/2" | 90 | 5 | 3,86 |
| 301-050 | 2" | 70 | 5 | 7,70 |
| 301-065 | 2 1/2" | 25 | 1 | 16,84 |
| 301-080 | 3" | 18 | 1 | 18,68 |
| 301-100 | 4" | 12 | 1 | 33,72 |

312

ACS

TUERCA HEXAGONAL
LOCKNUTS



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|-----|----|--------|
| 312-010 | 3/8" | 600 | 10 | 2,11 |
| 312-015 | 1/2" | 600 | 10 | 1,73 |
| 312-020 | 3/4" | 400 | 10 | 1,92 |
| 312-025 | 1" | 250 | 10 | 2,34 |
| 312-032 | 1 1/4" | 200 | 5 | 3,07 |
| 312-040 | 1 1/2" | 180 | 5 | 3,84 |
| 312-050 | 2" | 110 | 5 | 7,65 |

321

ACS

BRIDA REDONDA BASE ROSCADA CON TALADROS
F FLOOR FLANGE THREADED BASE WITH HOLES



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|----|----|--------|
| 321-015 | 1/2" | 80 | 10 | 12,83 |
| 321-020 | 3/4" | 60 | 10 | 14,37 |
| 321-025 | 1" | 50 | 10 | 15,81 |
| 321-032 | 1 1/4" | 40 | 5 | 19,69 |
| 321-040 | 1 1/2" | 36 | 4 | 23,52 |
| 321-050 | 2" | 24 | 4 | 27,33 |
| 321-065 | 2 1/2" | 15 | 1 | 41,87 |
| 321-080 | 3" | 10 | 1 | 50,14 |
| 321-100 | 4" | 5 | 1 | 82,57 |

340

ACS

TUERCA UNIÓN H-H ASIENTO CÓNICO
F-F UNION WITH TAPERED SEAT



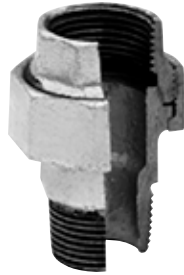
| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|-----|----|--------|
| 340-008 | 1/4" | 150 | 10 | 8,74 |
| 340-010 | 3/8" | 150 | 10 | 8,74 |
| 340-015 | 1/2" | 120 | 10 | 7,39 |
| 340-020 | 3/4" | 80 | 10 | 9,06 |
| 340-025 | 1" | 60 | 10 | 10,94 |
| 340-032 | 1 1/4" | 40 | 5 | 15,55 |
| 340-040 | 1 1/2" | 30 | 5 | 20,16 |
| 340-050 | 2" | 20 | 5 | 28,39 |
| 340-065 | 2 1/2" | 10 | 1 | 66,46 |
| 340-080 | 3" | 6 | 1 | 97,83 |
| 340-100 | 4" | 2 | 1 | 188,94 |

- * Dimensiones agujeros según EN-1.092-1 PN-6
- * Dimensiones according EN-1.092-1 PN-6

341

ACS

TUERCA UNIÓN M-H ASIENTO CÓNICO
M-F UNION WITH TAPERED SEAT



| CÓDIGO | MEDIDA | | | € |
|---------|--------|-----|----|--------|
| CODE | SIZE | | | € |
| 341-008 | 1/4" | 150 | 10 | 8,72 |
| 341-010 | 3/8" | 150 | 10 | 8,72 |
| 341-015 | 1/2" | 100 | 10 | 8,25 |
| 341-020 | 3/4" | 60 | 10 | 10,60 |
| 341-025 | 1" | 40 | 10 | 13,05 |
| 341-032 | 1 1/4" | 30 | 5 | 17,71 |
| 341-040 | 1 1/2" | 20 | 5 | 23,98 |
| 341-050 | 2" | 15 | 5 | 33,69 |
| 341-065 | 2 1/2" | 8 | 1 | 85,23 |
| 341-080 | 3" | 6 | 1 | 137,83 |
| 341-100 | 4" | 2 | 1 | 214,06 |

529

ACS

MANGUITO M/H
M-F SOCKET

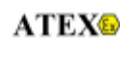


| CÓDIGO | MEDIDA | | | € |
|---------|--------|-----|----|-------|
| CODE | SIZE | | | € |
| 529-015 | 1/2" | 360 | 10 | 2,57 |
| 529-020 | 3/4" | 220 | 10 | 3,85 |
| 529-025 | 1" | 120 | 10 | 6,60 |
| 529-032 | 1 1/4" | 80 | 5 | 5,68 |
| 529-040 | 1 1/2" | 60 | 5 | 6,88 |
| 529-050 | 2" | 30 | 5 | 10,52 |

LEYENDA DE ICONOS
ICON KEY

Posibles codificaciones aplicadas en esta sección.

Possible encodings applied in this section.



Código de barras EAN
EAN bar code

Recambios
Spare parts

CERTIFICADOS DE PRODUCTO
PRODUCT CERTIFICATES

PROPIEDADES DE PRODUCTO
PRODUCT PROPERTIES



MAC3
REDUCTORAS DE PRESIÓN
VÁLVULAS DE ESFERA
FLEXOS DE DUCHA
VÁLVULAS DE DESCARGA Y LLENADO
ADHESIVOS

MAC3
PRESSURE REDUCING VALVE
BALL VALVES
SHOWER HOSE
FLUSH AND FILL VALVES
ADHESIVES





Mac3, fabricante líder mundial de interruptores de flotador, es una sólida empresa italiana que opera en todo el mundo, ofreciendo productos electrónicos y electromecánicos de alta calidad, desarrollados específicamente para sistemas hidráulicos.

La compañía Mac3 fue fundada con la intención de ofrecer productos de calidad en el ámbito de la regulación de niveles y se ha convertido en líder mundial en la producción de interruptores de flotador. Hoy en día ofrece productos electrónicos y electromecánicos de alta calidad desarrollados específicamente para sistemas hidráulicos.

Durante sus más de 30 años de actividad, Mac3 ha desarrollado una gama de productos cada vez más completa para controlar los niveles de mando y la gestión de electrobombas en los sistemas presurizados.

Homologación ENEC

La marca ENEC es el acrónimo de “European Norms Electrical Certification”. Surge del acuerdo de 20 países europeos (ENEC acuerdo aprobado por el Cenelec Mark Committee) y certifica que un producto cumple con las normas europeas EN y está construido por las empresas con sistemas de calidad según la norma ISO 9000. A la marca ENEC se la reconoce como equivalente a las marcas individuales.

Referencias

Mac3 es sinónimo de alta tecnología y fiabilidad en todo el mundo. Su gama de productos, resultado de una cuidadosa investigación técnica de aplicación, cubren todas las necesidades de control de líquidos. Esta es la razón por la que empresas líderes en la industria del sector hidráulico nos han elegido como proveedor. Abores nonsequi omnium ius dolupta nosseque parum facepreperum facid que andi dolor autassita.

Mac3, a world leader in float switches, is a solid italian company operating throughout the World, offering electronic and electromechanical products of excellent quality developed specifically for the hydraulic field.

The company Mac3 was founded with the aim of providing quality products in the field of regulation of levels and has become the world leader in the production of float switches. Today it offers electronic and electromechanical products with high quality and developed specifically for the hydraulics.

ENEC approval

The ENEC mark stands for “European Norms Electrical certification”. It is the fruit of agreements with 20 European bodies (ENEC agreement approved by the Cenelec Mark Committee) which certifies that the product complies with the EN European norms and has been produced by companies certified in accordance with ISO 9000 quality standards. The ENEC mark is recognized as being equivalent to individual national marks.

References

Mac3 is synonymous around the World of high technology and reliability. The product range, which is the result of extensive technical and applicative research, covers all liquid control. This is why leading companies in the plumbing industry have chosen us as a supplier.



KEY

REGULADOR DE NIVEL ELECTROMECÁNICO ELECTROMECHANICAL FLOAT SWITCHES



Tiene una elevada fiabilidad, es el más usado del mundo para la automatización de electrobombas y en tanques de almacenamiento. Su tamaño lo hace más versátil para cada aplicación. Para aguas limpias.

High reliability, is the most universally used float switch in the world for the automation of pumps and storage tanks. Its size makes it the most versatile for any application. For clean water.

| CÓDIGO | MEDIDA | € |
|-------------|--------------------------------|-------|
| CODE | SIZE | € |
| KPM0206KY0C | 2 M CABLE PVC 3X1 μ 16 (4) | 15,72 |
| KPM0306KY0C | 3 M CABLE PVC 3X1 μ 16 (4) | 16,56 |
| KPM0506KY0C | 5 M CABLE PVC 3X1 μ 16 (4) | 19,61 |

- Contrapeso incluido
Including counterweight

MAC3

REGULADOR DE NIVEL ELECTROMECÁNICO ELECTROMECHANICAL FLOAT SWITCHES



Es el producto histórico, tiene un buen tamaño y una forma libre de rugosidad que lo hace adecuado para instalaciones con aguas residuales. Dispositivo fabricado con doble cámara estanca para máxima seguridad, es el producto más fiable del mercado.

The historical device, thanks to its large size and its shape without edges, for which it is particularly suitable for sewage water, this device is made with a double liquid proof chamber which assures the maximum reliability of the inside.

| CÓDIGO | MEDIDA | € |
|-------------|---------------------------------|-------|
| CODE | SIZE | € |
| MPM0206GBOC | 2 M CABLE PVC 3X1 μ 16 (4) | 17,62 |
| MPM0306GBOC | 3 M CABLE PVC 3X1 μ 16 (4) | 19,15 |
| MPM0506GBOC | 5 M CABLE PVC 3X1 μ 16 (4) | 22,21 |
| MPM1006GBOC | 10 M CABLE PVC 3X1 μ 16 (4) | 29,86 |

- Contrapeso incluido
Including counterweight

AGMA

REGULADOR NIVEL AGUAS RESIDUALES SMALL WELLS REGULATOR



Dispositivo muy compacto normalmente instalado en bombas de drenaje. Tal dispositivo se puede incluso usar cuando hay sedimentos en el agua. Cuando no se puedan usar flotadores tradicionales; el dispositivo se puede usar en aguas residuales, previa verificación y limpieza periódica de los mecanismos de flotación. Para aguas limpias y residuales.

Compact device usually installed on drainage pumps. This device is useful even in the presence of debris in the water. If it is not possible to use a floating tilting, it can also be used in the presence of waste water in compliance with periodical verification and cleaning of the mechanisms of buoyancy. Clean and sewage water.

| CÓDIGO | MEDIDA | € |
|------------|-----------------------------|-------|
| CODE | SIZE | € |
| AGWPC50000 | 50 cm. CABLE PVC 3X1 μ20(8) | 25,77 |
| AGWPM03000 | 3 m. CABLE PVC 3X1 μ20(8) | 29,53 |
| AGWPM05000 | 5 m. CABLE PVC 3X1 μ20(8) | 32,53 |

MAC5

REGULADOR NIVEL AGUAS RESIDUALES ELECTROMECHANICAL FLOAT SWITCHES FOR SEWAGE WATER



Regulador de nivel por inclinación para aguas residuales del alcantarillado. Tiene un cuerpo pesado, voluminoso y carente de asperezas que lo hace ideal para su uso en aguas residuales de alcantarillado, industriales con residuos de aglomerados en suspensión y aguas turbulentas. Fabricado con una doble cámara estanca. Disponibles en diversos tipos de cable ideales para distintas instalaciones.

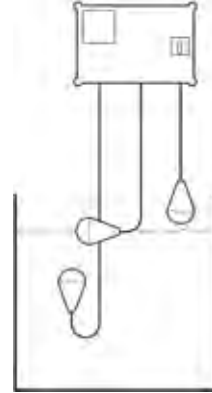
Tilting level regulator for sewage water. It's principal feature being its heavy body, which is also bulky and free of any irregularity, making it ideal for use in sewage water, in industrial waste with suspended agglomerate residues and in tumultuous water. It is made with a double airtight chamber. Available with different types of cable. industrial waste with suspended agglomerate residues and in tumultuous water. It is made with a double airtight chamber. Available with different types of cable.

| CÓDIGO | MEDIDA | € |
|------------------|----------------------------|-------|
| CODE | SIZE | € |
| JPM0506BGO | 5 m. CABLE PVC 3X1 μ20(8) | 61,95 |
| JPM1006BGO | 10 m. CABLE PVC 3X1 μ20(8) | 69,52 |
| JPM2006BGO | 20 m. CABLE PVC 3X1 μ20(8) | 84,84 |
| JPM0506BGO ATEX* | 5 m. CABLE | 71,12 |
| JPM1006BGO ATEX* | 10 m. CABLE | 79,92 |

- * ATEX color negro
* ATEX black color
- Aguas sucias
Sewage

E-FLY

REGULADOR NIVEL AGUAS RESIDUALES
ELECTROMECHANICAL FLOAT SWITCHES FOR SEWAGE WATER



Aplicación: su cuerpo es más pequeño en tamaño, en comparación con Mac 5 y libre de protuberancias, adecuado para su uso en tanques pequeños para la eliminación de aguas residuales.

Ventajas: hecho con una cámara sellada doble y contrapeso incorporado en el cuerpo del flotador.

TAMBIÉN DISPONIBLE VERSIÓN ATEX CERTIFIED

Application: it has a body of a smaller size, compared to Mac 5, without harshness, suitable for use in small tanks for disposal of sewage water.

Advantages: made with a double liquid proof chamber and counterweight built into the body of the float.

ALSO AVAILABLE ATEX VERSION APPROVED

| CÓDIGO | MEDIDA | € |
|----------------|---------------------------------|-------|
| CODE | SIZE | € |
| EPM0506B00 | 5 m. CABLE PVC 3X1 μ 20(8) | 61,95 |
| EPM1006BG0 | 10 m. CABLE PVC 3X1 μ 20(8) | 69,52 |
| EPM2006BG0 | 20 m. CABLE PVC 3X1 μ 20(8) | 84,84 |
| EPM5060 ATEX* | 5 m. CABLE | 71,12 |
| EPM10060 ATEX* | 10 m. CABLE | 79,92 |

- * ATEX color negro
- * ATEX black color

- Aguas sucias
Sewage

QUICK STOP

REGULADOR HIDRÁULICO DE CIERRE INMEDIATO
INSTANT CLOSURE HYDRAULIC REGULATOR



QuickStop es un regulador hidráulico de nivel patentado que elimina los típicos defectos de estos aparatos (flotadores mecánicos). Su característica principal es la rapidez para actuar en el sistema que pasa de abierto a cerrado y viceversa en una fracción de segundo, evitando el goteo en el llenado por restricción y disminuyendo sensiblemente el tiempo de llenado. Amplia gama desde 3/8" hasta 11/2". El mecanismo de regulación es muy simple y versátil y actúa sobre el ángulo de unión, así como la longitud e inclinación del brazo.

QuickStop is a hydraulic level regulator of advanced design that eliminates the classic defects of such devices (mechanical floats). Its main feature is the velocity of operation of the system which goes from open to closed and viceversa in a fraction of a second, avoiding long noise periods and the dripping due to choked filling. It's available in a wide range of models, from 3/8" to 11/2". The mechanism of regulation is very simple, it operates on then angle of the joint and the length and angle of the arm.

| CÓDIGO | MEDIDA | € |
|---------------|--------|-------|
| CODE | SIZE | € |
| QS0000BR09 * | 3/8" | 11,16 |
| QS0000BR12 * | 1/2" | 11,90 |
| QS0000BR18 ** | 3/4" | 18,60 |
| QS0000BR25** | 1" | 19,34 |
| QS0000BR32** | 1 1/4" | 22,95 |
| QS0000BR40** | 1 1/2" | 28,48 |

- *Blanco/White
** Negro /Black
- Presión máxima 6 BAR
Maximum pressure 6 BAR



SUPER SIMPLEX E

REGULADOR DE PRESURIZACIÓN ELECTRÓNICO PARA BOMBAS / ELECTRONIC CONTROL SYSTEM OF ONE PUMP FOR PRESSURIZATION OF THE WATER



SuperSimplex E es un presostato muy versátil que le permite ajustar la presión de arranque entre 0,8 a 2 bares a través de un mando frontal y un manómetro de presión en el dispositivo. Desde fábrica se suministra ajustado a 1,5 bar.

SuperSimplex E, versión electrónica con la protección de funcionamiento en seco y reinicio automático.

The SuperSimplex E electronic pump regulator is a very versatile device that allows to adjust the restart pressure from 0,8 to 2 bar and through an external front handle and pressure gauge. It comes preset to 1,5 bar.

SuperSimplex E, an electronic version, with dry running protection and automatic restart.

| CÓDIGO | DESCRIPCIÓN | € |
|------------|----------------|-------|
| CODE | DESCRIPTION | € |
| VSPXE00G00 | MOD.E1.5-8 BAR | 76,10 |

- Potencia máxima de la bomba 2HP monofásica
Maximum power pump 2HP single phase

SUPER SIMPLEX M

REGULADOR DE PRESURIZACIÓN ELECTROMECÁNICO PARA BOMBAS / ELECTROMECHANICAL CONTROL SYSTEM OF ONE PUMP FOR PRESSURIZATION OF THE WATER



SuperSimplex M, versión electrónica con entrada para un flotador de mínima. Permite ajustar la presión de arranque entre 0,8 a 2 bares a través de un mando. Con la apertura de una válvula/grifo, la presión cae por debajo del umbral de reinicio y el SuperSimplex activa la bomba. Cuando el usuario cierra el flujo de agua el SuperSimplex detiene la bomba después de un retardo adecuado.

SuperSimplex M, electromechanical pump regulator, with for a floating minium input. Opening a tap the pressure drops below the restart threshold and Super Simplex activates the pump, when the user closes the flow SuperSimplex stops the pump, after an ap-propiate delay.

| CÓDIGO | DESCRIPCIÓN | € |
|------------|----------------|-------|
| CODE | DESCRIPTION | € |
| VSPXM00G00 | MOD.M1.5-8 BAR | 47,95 |

- Potencia máxima de la bomba 2HP monofásica
Maximum power pump 2HP single phase

SUPER SIMPLEX E

RECAMBIO - SUPERSIMPLEX E
SPARE PART - SUPERSIMPLEX E



| CÓDIGO | DESCRIPCIÓN | € |
|-------------|-------------|-------|
| CODE | DESCRIPTION | € |
| VS00E00G000 | 230V | 34,40 |

MAC PRESS

PRESOSTATO PARA SISTEMAS DE PRESURIZACIÓN
PRESSURE SWITCH FOR PRESSURIZATION SYSTEMS



El MacPress es la gama de presostato de MAC3. El dispositivo viene calibrado de fábrica con una presión de ajuste que se puede cambiar a través del sistema de control interno. La instalación del MacPress se realiza directamente en el tubería mediante una conexión hembra de 1/4". Está disponible para bombas tanto monofásicas como trifásicas en las dos versiones de alta y baja presión.

MacPress is a pressure switches of MAC3. The device comes with a factory set pressure setting that can be changed using the internal regulating system. Macpress is installed directly on the pipe through a coupling by 1/4". The device is available for both single and three phase pumps in two versions for high and low pressure.

| CÓDIGO | MEDIDA | € |
|------------|--|-------|
| CODE | SIZE | € |
| VPRM030000 | M RANGO/RANGE 1,5-6,0 BAR MONOFÁSICO/SINGLE PHASE | 12,36 |
| VPRT030000 | T RANGO/RANGE 1,5-6,0 BAR TRIFÁSICO/THREE PHASE | 14,60 |

E POWER

VARIADOR DE VELOCIDAD VARIABLE FREQUENCY DRIVE

Los inversers de Mac3 son controladores variadores de frecuencia (VFD...), especialmente desarrollados para actuar sobre de bombas monofásicas y trifásicas.

En un sistema hidráulico la demanda de caudal máximo es ocasional y, de hecho, existen a menudo extracciones de agua no simultáneas, por lo que la demanda de caudal es variable, de modo que la bomba, generalmente, necesita trabajar con una velocidad variable en lugar de una velocidad fija (como en los sistemas tradicionales), de manera que el dispositivo trabajará a velocidad moderada con un bajo consumo de energía.

En los sistemas dinámicos de fluidos la relación entre potencia absorbida y la velocidad es de tipo cúbico, de modo que con un menor consumo de ciclos (Hz) se traduce en un alto ahorro energético.

Además del ahorro en el consumo de energía que genera el VDF, el VDF es importante para los fabricantes de sistemas de presión, ya que se traduce en economía de costes, además de otras ventajas importantes en términos de confort, rendimiento y durabilidad, que superan a los equipos tradicionales con vasos de presión. La instalación se realiza directamente en la tubería, ya que se refrigera por agua y el dispositivo tiene un sensor de presión integrado.

El dispositivo presenta una entrada ON/OFF para encender o apagar la bomba por medio de un flotador de mínima o interruptor y un relé de salida de contacto seco que puede ser usado como una señal de alarma o para impulsar un sistema para ensamblar grupos con una segunda bomba a velocidad fija.

Mac3 inverters are VFD variable frequency drivers, specially projected for driving pumps. In a water supply system, the demand of maximum delivery is occasional, and in fact there is often the need for variable delivery rates, so that the pump usually needs to operate at a variable delivery rate, rather than at a fixed rate (as in the case of traditional systems) so that the same will work at rates for most of the time with low energy consumption. In fluid dynamic systems the ratio between the absorbed power and speed is of cubic type; so that only a few less Hz translates into a much lower Kw consumption.

VFD's boosting systems, in addition to energy savings, for the customer translates into a cost economics, bring other important advantages in terms of confort, performance and durability of the system. The installation is directly on the pipe, cooled by water and the device has a built-in-pressure sensor.

The device has an ON/OFF input for a float switch and an output contact relay that can be used as a warning signal or to built boosting system with a second pump at a fixed rate.



| CÓDIGO | MEDIDA | € |
|-------------|---|--------|
| CODE | SIZE | € |
| VEPR1130000 | PARA BOMBA MONOFÁSICA FOR SINGLE PHASE PUMP 230V 50-60HZ (E-MM08) | 495,12 |
| VEPR2120000 | PARA BOMBA TRIFÁSICA THREE PHASE 230V 50-60HZ (E-MT10) | 495,12 |

- Potencia máxima de la bomba monofásica 1,5HP
Maximum power of 1.5 HP for single phase pump
- Potencia máxima de la bomba trifásica 3HP
Maximum power of 3 HP for three phase pumpV

HYDRO CONTROLLER

Los Inverters Hydrocontroller fueron específicamente para el manejo de electrobombas, tanto monofásicas tradicionales (con condensador de arranque) como trifásicas.

Garantizan una presión constante al variar el caudal, ofreciendo al usuario el beneficio de un suministro de agua constante (Independientemente del número de servicios o llaves de agua), con un buen ahorro energético. Se ha prestado especial atención en la interfaz con el usuario para permitir una rápida y fácil instalación. El panel frontal dispone de 4 botones y una pantalla de 2 líneas x 16 caracteres para la operación y para la visualización de los parámetros de funcionamiento y de alarma.

Los parámetros se escriben en su totalidad en la pantalla y no hay una necesidad de consultar el manual para localizar e interpretar. Los parámetros para la puesta en marcha son principalmente la presión deseada y la corriente máxima de la bomba. En caso de condiciones anormales el HydroController protege el sistema de presión apagando la bomba, pero, para garantizar el suministro, hace intentos de restauración automática o programable. Se dispone de una amplia gama profesional para todas las necesidades.

La gama de los Hydrocontroller se divide en los siguientes modelos:

HCW para instalación directa en tuberías, refrigeración por agua y con sensor de presión y de flujo incorporado.

HCA para instalaciones en la pared, refrigeración por aire movido con ventilador y sensor de presión externo de serie.

Disponibles en las siguientes versiones:

Estándar

Versión básica que incluye todas las características y protecciones habituales, regula de modo continuo la velocidad de rotación de la electrobomba, a fin de mantener constante la presión al variar el caudal. Cada dispositivo permite el control de una sola electrobomba.

El dispositivo presenta una entrada ON/OFF para encender o apagar la bomba por un flotador de nivel mínimo o interruptor y un relé de salida de contacto en seco que se puede usar como señal de alarma o para crear grupos con una segunda bomba de velocidad fija.

Avanzada

Le añade a la versión básica una serie de funciones permitiendo la creación de grupos de bombeo de hasta 8 electrobombas (todas ellas han de ser idénticas). En la modalidad multibomba, la comunicación se realiza con protocolo canbus y cada electrobomba se controla y regula con un Hydro-Controller.

Con esta configuración, el sistema controla todas las electrobombas usadas a velocidad variable, incrementando / disminuyendo al tiempo su velocidad de rotación, a fin de mantener constante la presión al variar el caudal.

La alternancia de las electrobombas está asegurada y, en caso de fallo de un componente del grupo, el sistema se reconfigura automáticamente. En la versión Avanzada se han incorporado también las siguientes funciones:

Riego: puede ser conectado al HC a través del Multipress4, con la posibilidad de configurar hasta 4 presiones para distintas áreas de riego.

Hay disponibles 4 entradas de alimentación a 24V AC/DC.

2 salidas de contacto en seco (versiones MM y MT)

2 entradas auxiliares (versiones MM y MT).

Una entrada para flotador de mínima o interruptor que deja la bomba en standby.

Una salida de contacto seco para señal de alarma para poner la segunda bomba en ON/OFF. Los usos específicos de las entradas y salidas se pueden acordar con nuestra oficina técnica.

Hydrocontroller have been specifically developed to manage electro-pumps both single phase (with starter condenser) and three-phase. They guarantee a constant pressure despite capacity. Special attention has been addressed to the User Interface to allow a quick and easy installation through the messages displayed there is no need to consult the manual to locate and the interpret the parameters.

The parameters for the operation are the desired pressure and maximum current of the pump. In the event of an anomaly situation HydroController protects the pump as it switches off, but in order to safeguard the water supply it will undertake repeated automatic or programmed reset attempts. A wide range of models covering all the needs.

The range of Hydrocontroller is divided into the following models:

HCW for in line installation, cooled by water with built-in pressure sensor and flow sensor.

HCA for wall mounting installation, cooled by air, external pressure sensor provided as standard. Available following versions;

Standard

This version includes all the features and common protections that continuously regulates the rotation speed of the electro-pump so as to ensure a pressure despite varying flow. Each device allows to control a single pump.

The device has an input for external float switch, output relay that can be used as a warning signal or to built boosting system with a second pump at a fixed rate.

Advanced

More than the basic version, this model adds more features and allows the realization of the groups up to 8 pumps (all pumps must be identical). In the multi-pumps mode, the communication is CanBus protocol and each pump is controlled and regulated by a Hydrocontroller.

In this configuration, the system handles all the pumps used in variable speed, increasing/ decreasing together their speeds of rotation, in order to keep the pressure constant at the flow rate varies.

The alternation of the pumps is guaranteed and in case of failure of a component of the system automatically it until reconfigures itself. The advanced version also integrates the following features:

Irrigation: the irrigation control unit can be connected to the HC through the MultiPress4, with the possibility of setting up to 4 pressures, for different sectors of irrigation. there are 4 inputs to be supplied at 24V ac/dc.

Outputs relays (MM and MT versions).Auxiliary inputs (MM and MT versions).

One input for floating minimum or a switch into standby mode the pump.

One output relay for alarm or to control a second pump at fixed rate. Specific uses of the inputs and outputs can be arranged with our technical department.

HYDRO CONTROLLER HCW-MM

ALIMENTACIÓN MONOFÁSICA PARA ELECTROBOMBA MONOFÁSICA
SINGLE PHASE POWER SUPPLY FOR SINGLE PHASE PUMPS

| CÓDIGO | MEDIDA | € |
|--------------|-------------------------------------|--------|
| CODE | SIZE | € |
| VHDR1130000A | STAND. (1P) 1.5Hp AGUA/WATER 8A | 635,84 |
| VHDR1140000A | STAND. (1P) 2.2Hp AGUA/WATER 12A | 766,13 |

- Consultar plazo de entrega
Advice with delivery time



HYDRO CONTROLLER HCW-MT HCA-MT

ALIMENTACIÓN MONOFÁSICA PARA ELECTROBOMBA TRIFÁSICA
SINGLE PHASE POWER SUPPLY FOR THREE PHASE PUMPS

| CÓDIGO | MEDIDA | € |
|-------------|---------------------------------|--------|
| CODE | SIZE | € |
| VHDR2420000 | ADV. (3P) 3Hp AGUA/WATER 10A | 740,08 |
| VHDA2420000 | ADV. (3P) 3Hp AIRE/AIR 10A | 875,58 |

- Consultar plazo de entrega
Advice with delivery time



HYDRO CONTROLLER HCW-TT HCA-TT

ALIMENTACIÓN TRIFÁSICA PARA ELECTROBOMBA TRIFÁSICA
THREE PHASE POWER SUPPLY FOR THREE PHASE PUMPS



| CÓDIGO | MEDIDA | € |
|--------------|----------------------------------|----------|
| CODE | SIZE | € |
| VHDR3110000 | STAND. (3P) 3Hp AGUA/WATER 6A | 985,03 |
| VHDR3120000 | STAND. (3P) 5,5Hp AGUA/WATER 11A | 1.039,75 |
| VHDR3410000 | ADV. (3P) 3Hp AGUA/WATER 6A | 1.094,48 |
| VHDR3420000 | ADV. (3P) 5.5Hp AGUA/WATER 11A | 1.149,20 |
| VHDA3120000B | STAND. (3P) 5.5Hp AIRE/AIR 11A | 1.203,93 |
| VHDA3420000 | ADV. (3P) 5.5Hp AIRE/AIR 11A | 1.318,59 |
| VHDA3430000 | ADV. (3P) 7.5Hp AIRE/AIR 15A | 1.511,42 |

- Consultar plazo de entrega
Advice with delivery time

ELECTRO SONDA Q

ELECTROSONDA Q
Q ELECTROPROBE



De sensibilidad alta, baja y variable para la barra DIN. Las electrosondas producidas por Mac3 de la serie Q son reguladores para líquidos conductores, aptas para controlar el nivel mínimo y máximo en pozos profundos, tanques, cisternas, etc.

Su funcionamiento se basa en la detección del líquido por parte de la unidad de control de la resistencia del líquido, cuyo nivel se controla por medio de sondas apropiadamente colocadas en el mismo, de las cuales la más larga actúa como común. Cuando el nivel del líquido dentro del recipiente o del pozo moja las tres sondas sumergidas se activa inmediatamente el relé, y se desactiva tan sólo en el momento en que desciende el nivel, dejando al descubierto la sonda baja.

At high, low and variable sensitivity for DIN rail. The electroprobes of the Q series produced by Mac3 are regulators of conductive fluid suitable for the minimum and maximum level control of deep well, tanks, cisterns etc. The operating principle is based on the detection of the fluid resistance on the part of the control box, the level being controlled by means of special probes immersed in the liquid with the longest acting as a common element.

When the level of the liquid inside the container or the well wets all three probes a relay is activated and subsequently deactivated only when the level descends, uncovering the lower probe.

| CÓDIGO | MEDIDA | € |
|------------|-------------------------------|-------|
| CODE | SIZE | € |
| EQ3SC01000 | NORMAL 5,6K (230V) | 39,40 |
| EQ3SC01003 | NORMAL 5.6K (230V) + 3 SONDAS | 63,86 |

SONDA

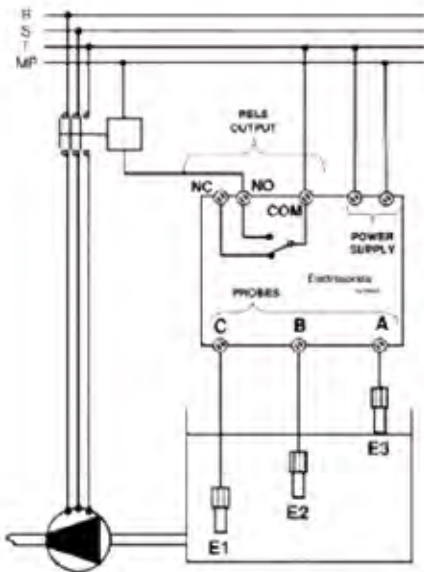
SONDA PARA ELECTROSONDA
PROBE FOR ELECTROPROBE



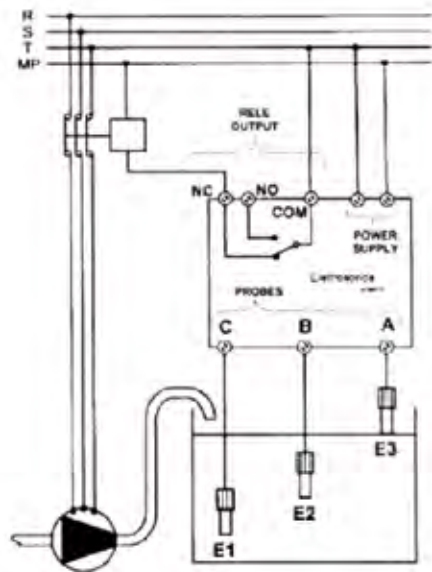
Mat. ABS + AISI 316 Temperatura máxima 80°C, accesorio para líquidos conductivos.

Mat. ABS + AISI 316. Maximum temperature 80°C, accessory for conductive liquids.

| CÓDIGO | MEDIDA | € |
|------------|-------------------------|------|
| CODE | SIZE | € |
| TSOND00000 | SONDA PARA ELECTROSONDA | 8,24 |



EMPTING

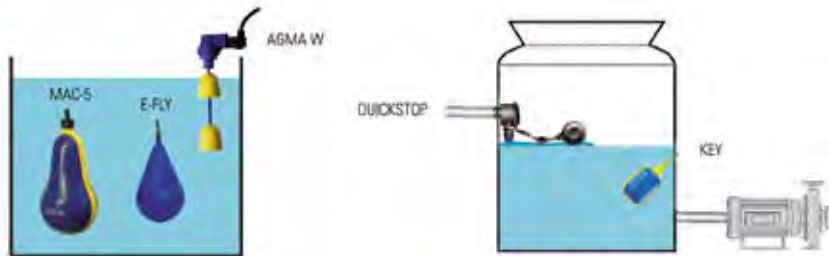


FILLING

SISTEMAS DE PRESURIZACIÓN BOOSTING SYSTEMS



AGUAS SUCIAS SEWAGE



POZOS Y ALJIBES WELLS AND CISTERNS



PANEL DE CONTROL CONTROL PANEL





STOP FLOW

DETECTOR Y DISYUNTOR DE FUGAS DE AGUA
WATER LEAKAGE DETECTOR AND CIRCUIT BREAKER



El Stop Flow es un dispositivo autónomo (sin conexión a la corriente) que está vigilando la instalación de suministro de agua constantemente y es capaz de detectar una fuga y cortar el suministro de agua a la vivienda para evitar desperfectos y pérdidas de agua.

Stop Flow is an autonomous device (without connection to the current) that is constantly monitoring the water supply installation and it is capable of detecting a leak and cutting off the water supply to house to avoid damages and water losses.

| | |
|--------|-------------|
| CÓDIGO | € |
| CODE | € |
| STF20 | 1 Consultar |



| | |
|--------|-------------|
| CÓDIGO | € |
| CODE | € |
| STFC0* | 1 Consultar |

- Conexión wifi
Wifi connection

Para medidas mayores y otras aplicaciones en edificación consultar (hoteles, escuelas, edificios de oficinas, estaciones de tren, oficinas bancarias, centros comerciales, etc.)

For larger measures and other applications in building consult (hotels, schools, office buildings, train stations, bank offices, shopping centers, etc.)

REDUCTORAS DE PRESIÓN

PRESSURE REDUCING VALVE

4150



REDUCTORA DE PRESIÓN "MIGNON"
PRESSURE REDUCING VALVE 'MIGNON'



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 4150-015 | 1/2" | 50 | 1 | 20,59 |
| 4150-020 | 3/4" | 50 | 1 | 21,55 |

- Presión máxima de entrada 15 Bar / Latón DZR opcional
Maximum admission pressure 15 Bar / Optional in brass DZR

4151



REDUCTORA DE PRESIÓN
PRESSURE REDUCING VALVE



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|---|--------|
| CODE | SIZE | | | € |
| 4151-015 | 1/2" | 30 | 1 | 35,76 |
| 4151-020 | 3/4" | 30 | 1 | 51,38 |
| 4151-025 | 1" | 15 | 1 | 64,21 |
| 4151-032 | 1 1/4" | 6 | 1 | 121,45 |
| 4151-040 | 1 1/2" | 6 | 1 | 142,49 |
| 4151-050 | 2" | 3 | 1 | 217,88 |
| 4151-065 | 2 1/2" | 3 | 1 | 315,57 |
| 4151-080 | 3" | 3 | 1 | 452,70 |

- Presión máxima de entrada 25 Bar / Latón DZR opcional
Maximum admission pressure 25 Bar / Optional in brass DZR

4152



REDUCTORA DE PRESIÓN CON
RACORES
PRESSURE REDUCING VALVE
WITH RACORDS



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|---|--------|
| CODE | SIZE | | | € |
| 4152-015 | 1/2" | 20 | 1 | 45,24 |
| 4152-020 | 3/4" | 10 | 1 | 73,52 |
| 4152-025 | 1" | 10 | 1 | 79,35 |
| 4152-032 | 1 1/4" | 6 | 1 | 151,73 |
| 4152-040 | 1 1/2" | 6 | 1 | 164,04 |
| 4152-050 | 2" | 3 | 1 | 268,77 |

- Presión máxima de entrada 25 Bar / Latón DZR opcional
Maximum admission pressure 25 Bar / Optional in brass DZR

4153



REDUCTORA DE PRESIÓN CON
BRIDAS
PRESSURE REDUCING VALVE
FLANGED ENDS



| CÓDIGO | MEDIDA | | | € |
|----------|--------|---|---|----------|
| CODE | SIZE | | | € |
| 4153-050 | 2" | 2 | 1 | 1.338,56 |
| 4153-065 | 2 1/2" | 2 | 1 | 1.539,07 |

- Presión máxima de entrada 25 Bar / Latón DZR opcional
Maximum admission pressure 25 Bar / Optional in brass DZR

4154



REDUCTORA DE PRESIÓN CON GRADUACIÓN
PRESSURE REDUCING VALVE WITH GRADUATED SETTING



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|---|--------|
| CODE | SIZE | | | € |
| 4154-015 | 1/2" | 15 | 1 | 98,58 |
| 4154-020 | 3/4" | 15 | 1 | 107,54 |
| 4154-025 | 1" | 10 | 1 | 139,04 |

- Presión máxima de entrada 25 Bar
Maximum admission pressure 25 Bar

4155



REDUCTORA DE PRESIÓN CON RACORS Y GRADUACIÓN
PRESSURE REDUCING VALVE WITH RACORDS AND GRADUATED SETTINGS



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|---|--------|
| CODE | SIZE | | | € |
| 4155-015 | 1/2" | 15 | 1 | 111,51 |
| 4155-020 | 3/4" | 10 | 1 | 136,13 |
| 4155-025 | 1" | 10 | 1 | 151,69 |

- Presión máxima de entrada 25 Bar
Maximum admission pressure 25 Bar

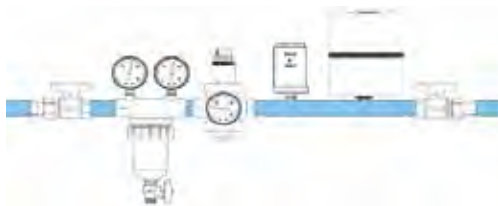
4160



FILTRO Y DISPOSITIVO ANTIREFLUJO (TAMIZ DE 100µ)
FILTERS AND BACKFLOW PREVENTER (100µ)



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|---|--------|
| CODE | SIZE | | | € |
| 4160-015 | 1/2" | 20 | 1 | 112,65 |
| 4160-020 | 3/4" | 20 | 1 | 112,65 |
| 4160-025 | 1" | 18 | 1 | 137,51 |
| 4160-032 | 1 1/4" | 10 | 1 | 137,51 |
| 4160-040 | 1 1/2" | 10 | 1 | 168,55 |
| 4160-050 | 2" | 6 | 1 | 168,55 |



4161

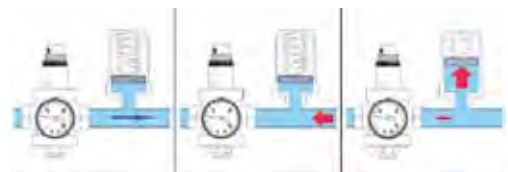


AMORTIGUADOR GOLPE DE ARIETE
WATER HAMMER ARRESTOR



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 4161-015 | 1/2" | 20 | 1 | 26,82 |

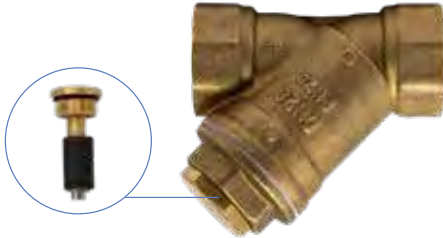
- Hasta tubería de 50mm.
Up to 50mm. pipe



4156



FILTRO MAGNÉTICO MAGNETIC STRAINER



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|----|---|--------|
| 4156-020 | 3/4" | 50 | 1 | 55,90 |
| 4156-025 | 1" | 50 | 1 | 64,29 |

ELIMINA LAS IMPUREZAS DE LOS CIRCUITOS.
EL IMÁN QUE INCORPORA RETIENE LAS IMPUREZAS FÉRRICAS.
REMOVES IMPURITIES FROM THE CIRCUITS.
THE INCORPORATING MAG NET RETAINS THE IRON IMPURITIES.

- Tamiz filtrante de 1000 micras (1mm)
Filter sieve 1000 microns (1mm)
- Imán extraíble de 3.000 Gauss
3.000 Gauss removable magnet
- Roscas hembra según ISO 228
Female threads according to ISO 228
- Fácil desmontaje del tamiz para su limpieza con junta de PTFE
Easy disassembly of the sieve for cleaning with PTFE gasket.
- Presión máxima de trabajo: 10 Bar
Max. working pressure: 10 Bar
- Temperatura de funcionamiento de 130°C
Operating temperature of 130°C

Apto para instalaciones de calefacción con calderas de gas, gasoil y biomasa. Instalaciones de calor y frío con bomba de calor de aero termia y geotermia. Instalaciones de agua y agua con glicol. Instalaciones de suministro de agua.
Suitable for heating installations with gas, diesel and biomass boilers. Heat and cold installations with aerothermal and geothermal heat pump. Water and water installations with glycol. Water supply facilities.

4157



FILTRO DESFANGADOR MAGNÉTICO MAGNETIC DIRT SEPARATOR STRAINER



| CÓDIGO CODE | MEDIDA SIZE | | | € € |
|----------------|----------------|---|---|--------|
| 4157-020 | 3/4" | 5 | 1 | 111,35 |

SEPARA Y ELIMINA LAS IMPUREZAS DE LOS CIRCUITOS CERRADOS. EL IMÁN QUE INCORPORA RETIENE LAS IMPUREZAS FÉRRICAS.

SEPARATES AND REMOVES IMPURITIES FROM CLOSED CIRCUITS. THE INCORPORATING MAGNET RETAINS THE IRON IMPURITIES.

- Tamiz filtrante de 800 micras (0.8mm)
Filter sieve 800 microns (0.8mm)
- Imán extraíble de 12.000 Gauss
12.000 Gauss removable magnet
- Válvula M-H de 3/4", enlace 3/4" (racor loco) y tapón 3/4" en latón
M "M-H valve, 3/4" link (crazy fitting) and brass 3/4" plug
- Roscas hembra según ISO 228
Female threads according to ISO 228
- Fácil desmontaje del tamiz para su limpieza con junta de PTFE
Easy disassembly of the sieve for cleaning with PTFE gasket.
- Presión máxima de trabajo: 10 Bar
Max. working pressure: 10 Bar
- Temperatura de funcionamiento de 110°C
Operating temperature of 110°C
- Ideal para instalación en lugares con limitaciones de espacio.
Ideal for installation in places with space limitations.
- Con la instalación de una válvula en el tapón se puede limpiar las impurezas del desfangador sin parar el circuito.
With the installation of a valve in the cap, the impurities of the defroster can be cleaned without stopping the circuit.

Apto para instalaciones de calefacción con calderas de gas, gasoil y biomasa. Instalaciones de calor y frío con bomba de calor de aero termia y geotermia. Instalaciones de agua y agua con glicol.
Suitable for heating installations with gas, diesel and biomass boilers. Heat and cold installations with aerothermal and geothermal heat pump. Water and water installations with glycol.

VÁLVULAS DE BOLA

BALL VALVES

1010

VÁLVULA DE BOLA EN PVC
PARA ENCOLAR
PVC BALL VALVE SOCKET
ENDS



| CÓDIGO | MEDIDA | | | € |
|---------|--------|----|---|--------|
| CODE | SIZE | | | € |
| 1010-25 | 25 mm. | 40 | 1 | 8,95 |
| 1010-32 | 32 mm. | 40 | 1 | 10,99 |
| 1010-40 | 40 mm. | 16 | 1 | 14,03 |
| 1010-50 | 50 mm. | 16 | 1 | 17,37 |
| 1010-63 | 63 mm. | 10 | 1 | 24,62 |
| 1010-75 | 75 mm. | 3 | 1 | 99,51 |
| 1010-90 | 90 mm. | 3 | 1 | 139,72 |

- Presión máxima de trabajo: 10 Bar
- Working pressure (Max): 10 Bar

101010

VÁLVULA DE BOLA EN PVC
PARA ROSCAR
PVC BALL VALVE THREADED
ENDS



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|----|---|--------|
| CODE | SIZE | | | € |
| 101010-25 | 3/4" | 40 | 1 | 9,49 |
| 101010-32 | 1" | 40 | 1 | 12,43 |
| 101010-40 | 1 1/4" | 16 | 1 | 14,71 |
| 101010-50 | 1 1/2" | 16 | 1 | 18,87 |
| 101010-63 | 2" | 10 | 1 | 25,50 |
| 101010-75 | 2 1/2" | 3 | 1 | 100,70 |
| 101010-90 | 3" | 3 | 1 | 144,10 |

- Presión máxima de trabajo: 10 Bar
- Working pressure (Max): 10 Bar

2510 PASO T

VÁLVULA DE BOLA TRES
VÍAS EN PVC PASO T PARA
ENCOLAR
T PVC THREE WAY BALL VALVE
PORT SOCKET ENDS



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 2510-016 | 16 mm. | 40 | 1 | 28,93 |
| 2510-020 | 20 mm. | 40 | 1 | 28,93 |
| 2510-025 | 25 mm. | 28 | 1 | 35,50 |
| 2510-032 | 32 mm. | 36 | 1 | 43,37 |
| 2510-040 | 40 mm. | 22 | 1 | 52,63 |
| 2510-050 | 50 mm. | 12 | 1 | 67,75 |
| 2510-063 | 63 mm. | 10 | 1 | 81,20 |

- Presión máxima de trabajo: 10 Bar
- Working pressure (Max): 10 Bar

2510 PASO L

VÁLVULA DE BOLA TRES
VÍAS EN PVC PASO L PARA
ENCOLAR
L PVC THREE WAY BALL VALVE
PORT SOCKET ENDS



| CÓDIGO | MEDIDA | | | € |
|----------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 2510-017 | 16 mm. | 40 | 1 | 28,93 |
| 2510-021 | 20 mm. | 40 | 1 | 28,93 |
| 2510-026 | 25 mm. | 28 | 1 | 35,50 |
| 2510-033 | 32 mm. | 36 | 1 | 43,37 |
| 2510-041 | 40 mm. | 22 | 1 | 52,63 |
| 2510-051 | 50 mm. | 12 | 1 | 67,75 |
| 2510-064 | 63 mm. | 10 | 1 | 81,20 |

- Presión máxima de trabajo: 10 Bar
- Working pressure (Max): 10 Bar

FLEXO DE DUCHA

SHOWER HOSE

600



FLEXO DE DUCHA EN ACERO
INOXIDABLE DOBLE ENGATI-
LLADO
SHOWER STAINLESS STEEL
HOSE DOUBLE CLIP



| CÓDIGO | MEDIDA | | | € |
|--------|--------|----|---|------|
| CODE | SIZE | | | € |
| 600-02 | 1/2" | 50 | 1 | 6,31 |

- Longitud 170-210mm.
Length 170-210mm.

6002



FLEXO DE DUCHA EN
ACERO INOXIDABLE DOBLE
ENGATILLADO CONECTORES
PLÁSTICO
SHOWER STAINLESS STEEL
HOSE DOUBLE CLIP PLASTIC
CONNECTORS



| CÓDIGO | MEDIDA | | | € |
|---------|--------|----|---|------|
| CODE | SIZE | | | € |
| 6002-02 | 1/2" | 50 | 1 | 3,60 |

- Longitud 170-210mm.
Length 170-210mm.

FH304



MANGUERA FLEXIBLE CORRUGADA DE ACERO INOXIDABLE
FLEXIBLE CORRUGATED
STAINLESS STEEL HOSE



| CÓDIGO | MEDIDA | | | € |
|-------------|--------------|----|---|-------|
| CODE | SIZE | | | € |
| FH304-01005 | 3/8" x 5 m. | 10 | 1 | 35,54 |
| FH304-01010 | 3/8" x 10 m. | 10 | 1 | 70,04 |
| FH304-01510 | 1/2" x 10 m. | 10 | 1 | 91,93 |

- Disponible hasta agotar existencias
While stocks lasts

601



FLEXO DE DUCHA FLEXIBLE PVC
FLEXIBLE PVC SHOWER HOSE



| CÓDIGO | MEDIDA | | | € |
|--------|--------|----|---|------|
| CODE | SIZE | | | € |
| 601-02 | 1/2" | 40 | 1 | 7,30 |

- Longitud 175mm.
Length 175mm.

RL901



RACOR DE LATÓN PARA TUBO CORRUGADO
FITTING FOR CORRUGATED HOSE



| CÓDIGO | MEDIDA | | | € |
|-----------|--------|---|---|------|
| CODE | SIZE | | | € |
| RL901-010 | 3/8" | 1 | 1 | 2,51 |
| RL901-015 | 1/2" | 1 | 1 | 4,00 |
| RL901-020 | 3/4" | 1 | 1 | 5,78 |

VÁLVULAS DE DESCARGA Y LLENADO

FLUSH AND FILL VALVES



Un exclusivo expositor para poder ofrecer una mejor presentación en sus válvulas de llenado y descarga

An exclusive exhibitor can be offered together with flush and fill valves for better presentation

55007



VÁLVULA DE LLENADO ALIMENTACIÓN MIXTA
MIXED FILL VALVE



| CÓDIGO | MEDIDA | | | € |
|--------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 55007 | 3/8" | 24 | 1 | 18,75 |

55002



VÁLVULA DE LLENADO
ALIMENTACIÓN INFERIOR
BOTTOM FILL VALVE



| CÓDIGO | MEDIDA | | | € |
|--------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 55002 | 3/8" | 25 | 1 | 16,87 |

55003



VÁLVULA DE LLENADO
ALIMENTACIÓN LATERAL
SIDE FILL VALVE



| CÓDIGO | MEDIDA | | | € |
|--------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 55003 | 3/8" | 24 | 1 | 16,34 |

55006



VÁLVULA DE DESCARGA
DE DOBLE PULSADOR
DUAL FLUSH VALVE



| CÓDIGO | MEDIDA | | | € |
|--------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 55006 | 2" | 25 | 1 | 26,30 |

- Tornillos de fijación incluidos
Tank fastening screws included
- Compatible con las principales marcas de sanitarios
Suitable for the main sanitary brands

55001



VÁLVULA DE DESCARGA
DE DOBLE PULSADOR CON CABLE
CABLE DUAL FLUSH VALVE



| CÓDIGO | MEDIDA | | | € |
|--------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 55001 | 2" | 25 | 1 | 26,99 |

- Tornillos de fijación incluidos
Tank fastening screws included

55004



VÁLVULA DE DESCARGA
DE PULSADOR SIMPLE
SINGLE FLUSH VALVE



| CÓDIGO | MEDIDA | | | € |
|--------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 55004 | 2" | 25 | 1 | 24,66 |

55005



VÁLVULA DE DESCARGA
DE DOBLE PULSADOR CON
CABLE ADAPTADOR UNIVERSAL
CABLE DUAL FLUSH VALVE
UNIVERSAL ADAPTOR



| CÓDIGO | MEDIDA | | | € |
|--------|--------|----|---|-------|
| CODE | SIZE | | | € |
| 55005 | 2" | 20 | 1 | 29,93 |

- Tornillos de fijación incluidos
Tank fastening screws included

55015



RECAMBIO - JUNTA Y TORNILLOS
SPARE PART - FLAT GASKET AND BOLTS



| CÓDIGO | | | € |
|--------|-----|---|------|
| CODE | | | € |
| 55015 | 150 | 1 | 4,83 |

- Tornillos de acero inoxidable
Stainless steel screws

ADHESIVOS

ADHESIVES

THF ALTA PRESIÓN

THF ALTA PRESIÓN ULTRARÁPIDO
THF ULTRAFAST HIGH PRESSURE



| CÓDIGO | PRODUCTO | | € |
|---------|-------------------------|----|-------|
| CODE | PRODUCT | | € |
| IT00101 | TUBO 125 ml. | 25 | 3,38 |
| IT00103 | BOTE 500 ml. | 24 | 11,52 |
| IT00104 | BOTE 500 ml. + PINCEL | 24 | 12,60 |
| IT00105 | BOTE 1.000 ml. | 12 | 20,07 |
| IT00106 | BOTE 1.000 ml. + PINCEL | 12 | 20,91 |

- Tiempo de secado 30 segundos
- 30 secons dry
- Adhensivo PVC
- PVC cement

N-30 SECADO RÁPIDO

N-30 "PRESIÓN" SECADO RÁPIDO
N-30 'PRESSURE' FAST CURING



| CÓDIGO | PRODUCTO | | € |
|---------|-------------------------|----|-------|
| CODE | PRODUCT | | € |
| IT00301 | TUBO 125 ml. | 25 | 2,22 |
| IT00302 | BOTE 250 ml. + PINCEL | 24 | 5,46 |
| IT00304 | BOTE 500 ml. + PINCEL | 24 | 8,97 |
| IT00306 | BOTE 1.000 ml. + PINCEL | 12 | 15,27 |

- Tiempo de secado 90 segundos
- 90 secons dry
- Adhensivo PVC
- PVC cement

N-40 SECADO LENTO

N-40 "PRESIÓN"
SECADO LENTO
N-40 'PRESSURE'
SLOW CURING



| CÓDIGO | PRODUCTO | | € |
|---------|-------------------------|----|-------|
| CODE | PRODUCT | | € |
| IT00401 | TUBO 125 ml. | 25 | 1,91 |
| IT00404 | BOTE 500 ml. + PINCEL | 24 | 7,55 |
| IT00406 | BOTE 1.000 ml. + PINCEL | 12 | 11,52 |

- Tiempo de secado 180 segundos
- 180 secons dry
- Adhesivo PVC
- PVC cement

BLUETITE PVC FLEXIBLE

BLUETITE ADHESIVO
PVC FLEXIBLE
BLUETITE SOLVENT
CEMENT PVC FLEXIBLE



| CÓDIGO | PRODUCTO | | € |
|---------|-------------------------|----|-------|
| CODE | PRODUCT | | € |
| IT00201 | TUBO 125 ml. | 25 | 2,86 |
| IT00202 | BOTE 250 ml. + PINCEL | 24 | 7,00 |
| IT00204 | BOTE 500 ml. + PINCEL | 24 | 11,40 |
| IT00206 | BOTE 1.000 ml. + PINCEL | 12 | 18,59 |

- Adhesivo PVC
- PVC cement

LN-40

LN-40 LIMPIADOR PARA PVC
(DECAPANTE)
LN-40 CLEANER FOR PVC
(STRIPPER)



| CÓDIGO | PRODUCTO | | € |
|-------------|----------------|----|------|
| CODE | PRODUCT | | € |
| IT00802LNP* | BOTE 250 ml. | 24 | 3,69 |
| IT00803LN | BOTE 500 ml. | 24 | 5,61 |
| IT00805LN | BOTE 1.000 ml. | 12 | 5,61 |

- Formato de plástico
- Plastic format

LIMPIADOR

LIMPIADOR POLIETILENO
POLYETHYLENE CLEANER

NEW



| CÓDIGO | PRODUCTO | | € |
|------------|----------------|----|------|
| CODE | PRODUCT | | € |
| IT00805IPA | BOTE 1.000 ml. | 12 | 8,81 |

PTFE LÍQUIDO

PTFE LÍQUIDO
LIQUID PTFE



| CÓDIGO | PRODUCTO | | € |
|--------|----------|--|---|
| CODE | PRODUCT | | € |

| | | | |
|----------|--------|----|------|
| IT013L75 | 75 ml. | 12 | 5,61 |
|----------|--------|----|------|

- Sellado de roscas en fontanería
- Threaded seal in plumbing

CINTA PTFE

WRAS

CINTA DE PTFE
PTFE TAPE



| CÓDIGO | MEDIDA | | | € |
|--------|--------|--|--|---|
| CODE | SIZE | | | € |

| | | | | |
|--------|-----------------|------|----|------|
| 700-10 | 12 x 12 x 0,075 | 1000 | 10 | 0,55 |
| 700-11 | 12 x 12 x 0,10 | 1000 | 10 | 0,70 |
| 700-12 | 25 x 15 x 0,10 | 250 | 10 | 1,69 |
| 700-13 | 50 x 19 x 0,10 | 250 | 10 | 4,20 |

DESATASCADOR

DESATASCADOR
DRAIN CLEANER



| CÓDIGO | PRODUCTO | | € |
|--------|----------|--|---|
| CODE | PRODUCT | | € |

| | | | |
|------------|-----------|----|------|
| IT00803DES | 500 ml. | 24 | 5,46 |
| IT00805DES | 1.000 ml. | 12 | 8,67 |

SELLADOR

SELLADOR HIDRÁULICO BAJA
RESISTENCIA
HYDRAULIC SEALANT



| CÓDIGO | PRODUCTO | | € |
|--------|----------|--|---|
| CODE | PRODUCT | | € |

| | | | |
|----------|--------|----|-------|
| IT019142 | 50 ml. | 10 | 10,57 |
|----------|--------|----|-------|

CIANOACRILATO

CIANOACRILATO
CYANOACRYLATE



| CÓDIGO | PRODUCTO | | € |
|--------|----------|----|------|
| CODE | PRODUCT | | € |
| IT019C | 20 cc. | 12 | 3,62 |

CONDICIONES DE VENTA

TERMS & CONDITIONS

CONDICIONES VÁLIDAS SÓLO PARA ESPAÑA VALID CONDITIONS ONLY IN SPAIN

PRECIOS Y CONDICIONES DE PAGO

Contado: reposición o recibo a 15 días dto. P.P. 1%.

Forma de pago: plazo máximo 60 días fecha factura.

IVA: se cargará el % correspondiente, según reglamentación en vigor.

Tarifas de precios: nos comprometemos a comunicar a nuestros clientes cualquier cambio que se produzca en las tarifas del catálogo a través de las usuales vías de comunicación: web, email, correo.

PEDIDOS

Con el fin de evitar confusiones y ofrecer un mejor servicio, será condición indispensable por parte del comprador indicar la referencia MT Business Key, S.L. en su pedido, incluidos los dígitos de la medida. Cada pedido enviado a MT Business Key, S.L. genera una expedición para el cliente, recomendamos que preparen sus pedidos completos para optimizar los gastos de transporte. Todos los pedidos serán confirmados vía email y, salvo notificación de lo contrario, seguirá su curso sin derecho a posteriores modificaciones.

Pedido mínimo aceptable: 150€ netos.

Cantidades mínimas: las cantidades mínimas aceptables corresponderán a las del embalaje interior de la caja.

Embalajes: incluidos.

PORTES

Se cargarán 7€ en factura para pedidos inferiores a los 400 € netos (Península y Baleares). Para el resto del territorio se cargarán los portes en factura aplicando la tarifa reducida de nuestra agencia de transportes.

España (Península) e Islas Baleares: incluidos en pedidos superiores a 400€ netos.

Melilla: incluidos en pedidos superiores a 1200€ netos.

Islas Canarias: incluidos en pedidos superiores a 800€ netos.

CONDICIONES VÁLIDAS SÓLO PARA EXPORTACIÓN VALID CONDITIONS ONLY FOR EXPORT

RATES AND FREIGHTS CONDITIONS

Cash: bank transfer. For advance payments discount 1%.

Credit: max. 60 days invoice date after Bank Insurance Approval.

Freight Conditions: EXW Incoterms 2010, unless other conditions are granted.

Price rates: MT Business Key, S.L. commits to communicate to our customers any changes applied on tariffs through usual means of communication: web & email.

ORDERS

Minimum order amount: 500€ netto.

Minimum quantities: the minimum acceptable quantities will be equal to inner packing quantities.

Packing: included.

CUSTOMER SERVICE

Claims: all claims will be granted within 45 days after date of Invoice. After this period MT Business Key, S.L. can't promise any resolution.

Warranty: all our products are new and are covered for 2 years.

Return policy: all material returned will be at freight paid. All products must be in original conditions and clearly identified. If after inspection in our warehouse these products are not in original condition, we might apply a devaluation fee.

SERVICIOS POSTVENTA OFRECIDOS POR MT:

Reclamaciones: cualquier reclamación deberá formularse dentro de los treinta (30) días siguientes a la fecha de factura, rechazándose las efectuadas después de dicho plazo límite.

Periodo de desistimiento: conforme la Ley General para la Defensa de los Consumidores y Usuarios, el comprador dispone de catorce (14) días naturales para devolver la totalidad o parte del pedido sin penalización alguna, a contar desde la fecha de factura.

Devoluciones: no se aceptará ninguna devolución de material sin antes existir la conformidad expresa, mediante el número de devolución facilitado, por la empresa (*véase nuestra política y proceso de devolución en la web*). El plazo máximo admitido para devolver material no conforme es de sesenta (60) días, a contar desde la fecha de factura.

Garantía: todos nuestros productos tienen 2 años de garantía según establece la Ley vigente. Si el defecto se manifiesta pasados los 6 meses después de su compra se requerirá una revisión técnica y/o pericial por nuestro departamento de calidad con tal de poder aplicar su derecho a la garantía.

La garantía queda limitada pura y simplemente al reemplazo de las piezas, una vez reconocidas materialmente defectuosas por nuestro personal técnico sin indemnización.

Litigios: en caso de litigio ambas partes aceptan someter sus diferencias a los juzgados y tribunales de Barcelona.

MT Business Key S.L. se reserva la facultad de cambiar en todo o en parte el diseño, materiales, embolsado, encajado y precios de cualquiera de sus productos.

CONDITIONS INSIDE EU:

Even though all purchases are covered by our extended 14-day exchange or refund promise, no material return will be accepted without the conformity of the commercial department.

No unwanted material returned will be accepted after 60 days invoice's date. All unwanted material returned after 14 days of date of invoice and before maximum period of acceptance (60 days) will be charged 30% of demerit.

CONDITIONS OUTSIDE EU:

No unwanted material returned will be accepted after 90 days Invoice's date. All unwanted material returned will be charged 30% of demerit.

Litigations: in case of litigation both sides agree to take their differences at the courts of Barcelona.

MT Business Key S.L. reserves the right to modify all or part of the design, materials, packing or prices of any of their products.



Nuevo servicio urgente 24 horas sólo para España

Para paquetería de menos de 10 kg. 7 € en factura.

Para expediciones de menos de 30 kg. 12 € en factura.

Para pedidos superiores a 30 kg de peso, consultar.

New urgent service 24 hours only in Spain

For packages of less than 10 kg. 7 € in invoice

For expeditions of less than 30 kg. 12 € in invoice

For higher orders to 30 kg weight, consult.

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DICCIONARIO TECNICO

FORMACIÓN BÁSICA DE CONCEPTOS Y PRODUCTOS

CONCEPTOS

DN

Abreviación de Diámetro Nominal. Indica el diámetro interior de paso del fluido por dentro de tuberías, válvulas o accesorios.

PN

Abreviación de Presión Nominal. Indica la presión interior máxima de trabajo en condiciones de temperatura ambiente y presión exterior atmosférica. El límite de presión de trabajo es una curva que va decreciendo en función del aumento de temperatura. La correcta aplicación de una válvula se realiza primero con la determinación de las condiciones de temperatura y presión y su comprobación de que el punto de trabajo siga dentro de las condiciones mecánicas de funcionamiento de esta.

PÉRDIDA DE CARGA

Disminución de la energía dinámica del fluido producido por la fricción con las paredes, su propia fricción entre sus partículas. Los cambios bruscos de dirección o de diámetro aumentan las pérdidas de carga de manera significativa.

GOLPE DE ARIETE

Fenómeno de aumento excesivo de la presión producido en las instalaciones hidráulicas cuando hay un cierre brusco del caudal del fluido. Es un fenómeno peligroso pues las presiones pueden aumentar muy por encima de las presiones nominales de los componentes y producir roturas en tuberías, accesorios y/o válvulas. La forma de evitar estos golpes de ariete es ralentizar el cierre de las válvulas o instalar algún mecanismo que pueda absorber el exceso de presión (Vasos de expansión, dispositivos antiariete como el de MT modelo 4160).

PASO TOTAL

Una válvula se puede considerar de Paso Total o Paso Completo cuando el paso del fluido es igual a su DN (Diámetro nominal). Según UNE-EN-13828.

PASO REDUCIDO

Una válvula se puede considerar de Paso Reducido cuando el paso del fluido es una medida inferior a su DN (diámetro nominal). Según UNE-EN-13828.

ESTANQUEIDAD

Concepto que nos indica que no pasa fluido a través de la válvula en posición de cierre ni por cualquier otro punto (eje, unión cuerpo-tapa, etc).

PAR DE GIRO

Fuerza medida en Nm que se ejerce para la apertura y cierre de la válvula. Es importante su valor para poder dimensionar correctamente un actuador. Las condiciones de trabajo, presión, temperatura, presión diferencial, densidad del fluido y viscosidad del fluido puede modificar significativamente el par de giro por lo que como mínimo se debe de tener un margen de seguridad del 30%.

TECHNICAL DICTIONARY

BASIC TRAINING OF CONCEPTS AND PRODUCTS

CONCEPTS

DN

Abbreviation of Nominal Diameter. Indicates the internal diameter of fluid passage through pipes, valves or fittings.

PN

Abbreviation of Nominal Pressure. Indicates the maximum internal working pressure under ambient temperature and atmospheric external pressure. The working pressure limit is a curve that decreases depending on the temperature increase. The correct application of a valve is first carried out with the determination of the temperature and pressure conditions and its verification that the working point remains within its mechanical operating conditions.

HEAD LOSS

Reduction of the dynamic energy of the fluid produced by friction with the walls, its own friction between its particles. Sudden changes in direction or diameter increase load losses significantly.

WATER HAMMER

Phenomenon of excessive increase of the pressure produced in the hydraulic installations when there is an abrupt closure of the fluid flow. It is a dangerous phenomenon because the pressures can increase well above the nominal pressures of the components and cause breaks in pipes, fittings and / or valves.

The way to avoid these water hammers is to slow down the closing of the valves or install some mechanism that can absorb excess pressure (expansion vessels, anti-cracking devices such as MT model 4160).

FULL BORE

A valve can be considered as Total Pass or Full Pass when the fluid flow is equal than its DN (Nominal Diameter). According to UNE-EN-13828.

REDUCED BORE

A valve can be considered a Reduced Pass when the fluid flow is one size smaller than its DN (Nominal Diameter). According to UNE-EN-13828.

SEALING

Concept that indicates that no fluid passes through the valve in the closed position or any other point (stem, body-cover joint, etc).

TORQUE

Force measured in Nm used to open or closing the valve. Its value is important in order to determinate the correct size for actuator. The working conditions, pressure, temperature, differential pressure, fluid density and fluid viscosity can significantly change the torque so that at least a safety margin of 30% must be had.

MATERIALES

HIERRO

Metal común frágil y con poca resistencia de la dureza y oxidación. En nuestro caso, lo galvanizamos (tratamiento químico), para darle una mayor resistencia a la oxidación.

LATÓN

El latón es una aleación de Cobre y Zinc. Muy usado en valvulería para edificación por su facilidad de manipulación combinada a su características mecánicas y su resistencia a la oxidación.

Propiedades:

- Buena resistencia a la oxidación.
- Excelente mecanización en frío.
- Excelente capacidad de recubrirse, como niquelados, galvanizados y cromados
- Excelente soldabilidad.

Existen diferentes tipos de latones, las normas que los definen son la EN-12164, EN-12165.

La tendencia actual en Europa es la de cambiar a latones tipo DZR con mayores propiedades oxidantes y latones con menores o nulas cantidades de plomo.

ACERO INOXIDABLE

Los productos de MT utilizan básicamente dos tipos de Aceros Inoxidable. Se usan para válvulas que la exigencia mecánica alta, y el fluido y ambiente son corrosivos.

A304, A304L: Acero Inoxidable Austenítico con unas buenas propiedades oxidante.

A316, A316L: Acero Inoxidable Austenítico con unas mejores propiedades oxidante que el A304 por la adición de Molibdeno.

Propiedades:

- Excelente resistencia a la oxidación.
- Buena mecanización en frío.
- Buena soldabilidad en las versiones "L" de bajo contenido en carbono (A304L y A316L)
- Muy buenas propiedades mecánicas. Gran tenacidad.

Las condiciones mecánicas de estos aceros pueden variar según la forma de enfriamiento y por los tratamientos térmicos. La norma EN-10088 los describe.

FUNDICIÓN GRIS

Aleación de hierro, carbono y otros elementos en menores cantidades. Se usa para válvulas que la exigencia mecánica no sea grande, y el fluido y ambiente no son corrosivos. Propiedades:

- Baja resistencia a la oxidación.
- Baja dureza.
- Frágilidad media.
- Buenas propiedades mecánicas.
- Excelente mecanización en frío.

Las válvulas de fundición gris van recubiertas por pinturas epoxi para mejorar notablemente su resistencia a la oxidación.

FUNDICIÓN NODULAR O DÚCTIL

Aleación de hierro, carbono y otros elementos en menores cantidades. Aumento de la Dureza y la resistencia a la fatiga.

Se usa para válvulas que la exigencia mecánica es medias, y el fluido y ambiente no son corrosivos.

Propiedades:

- Baja resistencia a la oxidación.
- Mejora la dureza de la fundición gris.
- Mejora la fragilidad de la fundición gris.
- Buenas propiedades mecánicas, mejores que la fundición gris.
- Excelente mecanización en frío.

Las válvulas de fundición dúctil también van recubiertas por pinturas epoxi para mejorar notablemente su resistencia a la oxidación.

ACERO AL CARBONO

Aleación de hierro con carbono. A diferencia de los aceros inoxidables tiene pocos elementos aleados. Son el tipo de aceros más producidos a nivel mundial.

Se usa para válvulas que necesitan unas propiedades mecánicas exigentes.

Propiedades:

- Baja resistencia a la oxidación.
- Mejora la dureza de la fundición gris.
- Mejora la fragilidad de la fundición gris.
- Buenas propiedades mecánicas, mejores que la fundición gris.
- Buena mecanización en frío.

Las válvulas de acero al carbono suelen protegerse con aceites y algunas con pintura epoxi para aumentar su resistencia a la oxidación.

NBR

Caucho de Nitrilo Butadieno (**N**itrile **B**utadiene **R**ubber). Elastómero procedente de caucho.

Propiedades:

- Compatible con hidrocarburos, petróleo y gasóleos.
- Compatible con agua para suministro humano.
- Las temperaturas de utilización van de los -20°C a los 80°C
- Gran resistencia a las deformaciones.
- Buena resistencia a la abrasión.

Algunas válvulas lo usan para sellar el eje en forma de junta tórica o en junta plana.

EPDM

Etileno Propileno Dieno tipo **M**, elastómero sintético.

Propiedades:

- No es compatible con hidrocarburos, petróleo y gasóleos.
- Compatible con agua para suministro humano.
- Las temperaturas de utilización van de los -20°C a los 120°C.
- Gran resistencia a las deformaciones.
- Buena resistencia a la abrasión.

Algunas válvulas lo usan para sellar el eje en forma de junta tórica o en junta plana.

FKM

Elastómero fluoropolímero.

Propiedades:

- Compatible con hidrocarburos, petróleo y gasóleos.

MATERIALS

IRON

Common metal fragile and with little resistance to hardness and oxidation. In our case, we galvanize it (chemical treatment), to give it greater resistance to oxidation.

BRASS

Brass is an alloy of Copper and Zinc. Widely used in building valves for ease handling combined with its mechanical properties and oxidation resistance.

Properties:

- Good oxidation resistance.
- Excellent cold machining.
- Excellent coating ability, such as nickel plated, galvanized and chrome plated.
- Excellent weldability.

There are different types of brass, the standards defining them are EN-12164, EN-12165.

The current trends in Europe are to switch to brass type DZR with higher oxidizing properties and brass with less or no lead content.

STAINLESS STEEL

MT products use basically two types of stainless steels. They are used for valves with high mechanical requirements, and the fluid and environment are corrosive.

A304, A304L: Austenitic Stainless Steel with good oxidizing properties.

A316, A316L: Austenitic Stainless Steel with better oxidizing properties than A304 by the addition of Molybdenum.

Properties:

- Excellent resistance to oxidation.
- Good cold machining.
- Good weldability in low carbon "L" versions (A304L and A316L)
- Very good mechanical properties. Great tenacity.

The mechanical conditions of these steels may vary depending on the form of cooling and the heat treatment. The standard EN-10088 describes them.

CAST IRON

Alloying of iron, carbon and other elements in smaller quantities. It's used for valves where the mechanical requirement is not large and the fluid and environment are not corrosive. Properties:

- Low resistance to oxidation.
- Low hardness.
- Medium fragility.
- Good mechanical properties.
- Excellent cold machining.

Cast iron valves are coated with epoxy paint to significantly improve their resistance to oxidation.

NODULAR OR DUCTILE IRON

Alloying of iron, carbon and other elements in smaller quantities. Increased hardness and fatigue resistance than cast iron.

It is used for valves whose mechanical requirements are average, and the fluid and environment are not corrosive.

Properties:

- Low resistance to oxidation.
- Improves the hardness of the gray foundry.
- Improves the fragility of the gray foundry.
- Good mechanical properties, better than the gray foundry.
- Excellent cold machining.

Ductile iron valves are also coated with epoxy paints to significantly improve their oxidation resistance.

CARBON STEEL

Iron alloy with carbon. Unlike stainless steels it has few alloyed elements. They are the most produced type of steels in the world. It is used for valves that require demanding mechanical properties.

Properties:

- Low resistance to oxidation.
- Improves the hardness of the gray foundry.
- Improves the fragility of the gray foundry.
- Good mechanical properties, better than the gray foundry.
- Good cold machining.

Carbon steel valves are usually protected with oils and some with epoxy paint to increase their resistance to oxidation.

NBR

Nitrile **B**utadiene **R**ubber. Elastomer from rubber.

Properties:

- Compatible with hydrocarbons, oil and diesel.
- Compatible with water for human supply.
- The operating temperatures range from -20°C to 80°C.
- High resistance to deformations.
- Good abrasion resistance.

Some valves use it to seal the shaft in the form of a O-ring or a flat joint.

EPDM

Ethylene **P**ropylene **D**iene type **M**, synthetic elastomer.

Properties:

- Not compatible with hydrocarbons, oil and gas.
- Compatible with water for human supply.
- The operating temperatures range from -20°C to 120°C.
- High resistance to deformations.
- Good abrasion resistance.

Some valves use it to seal the shaft in the form of a O-ring or a flat joint.

FKM

Fluoropolymer elastomer.

Properties:

- Compatible with hydrocarbons, oil and diesel.
- Compatible with water for human supply.
- Use temperatures range from -20°C to 180°C.
- High resistance to deformations.
- Good resistance to high temperatures.

- Compatible con agua para suministro humano.
- Las temperaturas de utilización van de los -20°C a los 180°C.
- Gran resistencia a las deformaciones.
- Buena resistencia a altas temperaturas.
- Se puede usar como cierre para válvulas en instalaciones de solar térmica.

Algunas válvulas lo usan para sellar el eje en forma de junta tórica o en junta plana.

PTFE

Elastómero sintético, **politetrafluoretileno**.

Propiedades:

- Compatible con la mayoría de químicos.
- Compatible con agua para suministro humano.

- Las temperaturas de utilización va de los -270°C a los 280°C
- Buena resistencia a temperaturas cercanas al cero absoluto y a altas temperaturas.
- Es el material con el menor coeficiente de fricción conocido.
- Se puede usar como cierre para válvulas en instalaciones de solar térmica.
- Fácil mecanización.
- Se puede mezclar con grafito o fibra de vidrio para mejorar sus propiedades mecánicas.

Algunas válvulas lo usan para sellar el eje en forma de junta plana.

Can be used as a shutoff for valves in solar thermal installations. Some valves use it to seal the shaft in the form of a O-ring or a flat joint.

PTFE

Synthetic elastomer, **polytetrafluoroethylene**.

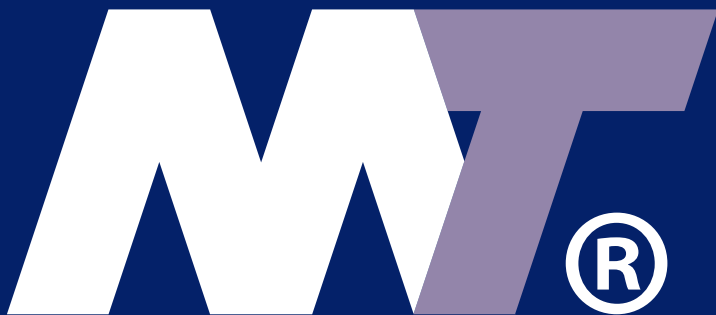
Properties:

- Compatible with most chemicals.
- Compatible with water for human supply.
- The operating temperatures range from -270°C to 280°C.

- Good resistance to temperatures close to absolute zero and high temperatures.
- It's the material with the lowest known coefficient of friction.
- Can be used as a valve closure in solar thermal installations.
- Easy machining.
- Can be mixed with graphite or fiberglass to improve its mechanical properties.

Some valves use it to seal the shaft in the form of a flat joint





VALVES AND FITTINGS

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