



CONECIATO
NUNCIATO CONEXÕES



Válvulas e Tubos
Valves and tubes
Válvulas y tubos



Catálogo

Material de Alta Qualidade e Bom Atendimento
High Material Quality And Good Service
Material De Alta Calidad y Buen Servicio



Conexões em Latão
Brass Connections
Conexiones De Latón



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Para facilitar o uso do catalogo, as linhas são identificadas por cores diferentes:

To facilitate the use of the catalog, the lines are identified by different colors:

Para facilitar el uso del catálogo, las líneas se identifican por colores:

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*** Conexões especiais, mediante amostras ou desenhos.**

*** Conexão de linha com medidas especiais, consulte-nos por telefone.**

*** Trabalhamos com Válvulas em latão e vários tipos de tubos. (consulte-nos).**

* Special fittings, samples or by drawings.

* Line connection with special measures, contact us by phone.

* We work with brass valves and various types of tubes. (contact us).

* Accesorios especiales, muestras o dibujos.

* Conexión a la línea con las medidas especiales, póngase en contacto con nosotros por teléfono.

* Trabajamos con válvulas de bronce y varios tipos de tubos. (Contacto).

**Linha
0000**

Conexões de Compressão

Compression Fittings

Conexiones De Compresión

Conectores, uniões, flanges e anilhas em latão CLA (Liga UNS - C3600 TM).
Connectors, couplings, flanges and rings in brass CLA (UNS League - C3600 TM)
 Conectores, acoplamentos, bridas y anillos de latón CLA (UNS Liga - C3600TM)

Tee e cotovelo, forjados em latão (Liga UNS C37700 - TM) que proporciona maior resistências contra golpes, choque mecânicos e vibrações, com absoluta inexistência de porosidade e trincas.
Have and elbow, forged brass (UNS League - C37700 - TM) which provides greater resistance against blows, mechanical shock and vibration, with absolute absence of porosity and cracks.
 Tener y codo, latón forjado (UNS League - C37700 - TM) que proporciona una mayor resistencia frente a golpes, vibraciones mecánicas, con absoluta ausencia de porosidad y grietas.

Ideal para tubos de cobre, latão, alumínio, Bundy e aço recozido.
Ideal for copper pipes, brass, aluminum, Bundy and annealed steel.
 Ideal para tubos de cobre, latón, aluminio, Bundy y acero recozido.

Recomendados para pressão de trabalho de até 400 libras/pol², na condução de gasolina, graxa, óleo, água, ar, e vácuo.
Recommended for working pressure up to 400 lbs / in² when driving gasoline, grease, oil, water, air, and vacuum.
 Recomendado para presiones de trabajo de hasta 400 lbs / in² cuando se maneja gasolina, grasa, aceite, agua, aire y vacío.

Este tipo de conexão não exige preparação especial do tubo, por ser de montagem simples e fácil, proporcionando assim o baixo custo e grande eficiência.
This type of connection does not require special preparation of the tube, because it is simple and easy assembly, thus providing low cost and high efficiency.
 Este tipo de conexión no requiere preparación especial del tubo, debido a que es un montaje sencillo y fácil, proporcionando así bajo costo y alta eficiencia.

Anilha <i>Ferrule / Virola</i>	P/Tubo <i>Tube Of</i>
	1/8
	5/32
	3/16
	1/4
	5/16
	3/8
	7/16
	1/2
	5/8
	3/4
	1

0001

Conector Macho <i>Male Connector</i> <i>Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT	3/8 x 1/8 NPT
	5/32 x 1/8 NPT	3/8 x 1/4 NPT
	3/16 x 1/8 NPT	3/8 x 3/8 NPT
	1/4 x 1/8 NPT	3/8 x 1/2 NPT
	1/4 x 1/4 NPT	1/2 x 1/4 NPT
	1/4 x 3/8 NPT	1/2 x 3/8 NPT
	1/4 x 1/2 NPT	1/2 x 1/2 NPT
	5/16 x 1/8 NPT	5/8 x 1/2 NPT
	5/16 x 1/4 NPT	3/4 x 1/2 NPT
	5/16 x 3/8 NPT	3/4 x 3/4 NPT
	5/16 x 1/2 NPT	1 x 1 NPT

0003

Porca <i>Nut / Virola</i>	P/Tubo <i>Tube Of</i>	Rosca <i>Screw</i>
	1/8	5/16x24 F.
	5/32	5/16x24 F.
	3/16	3/8x24 F.
	1/4	7/16x24 F.
	5/16	1/2x24 F.
	3/8	9/16x24 F.
	7/16	5/8x24 F.
	1/2	11/16x20 F.
	5/8	13/16x18 F.
	3/4	1x18 F.
	1	1"1/4x18 F.

0002

União <i>Union / Unión</i>	P/Tubo <i>Tube Of</i>
	1/8
	5/32
	3/16
	1/4
	5/16
	3/8
	7/16
	1/2
	5/8
	3/4
	1

0004



Conector Fêmea <i>Female Connector</i> <i>Conector Hembra</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 5/32 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 5/8 x 1/2 NPT
0005	

Cotovelo 45° Macho <i>Elbow 45° Male</i> <i>Codo 45° Macho</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 5/32 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 5/8 x 1/2 NPT
Lote Mínimo de 20 PÇS 0009	

Cotovelo Macho <i>Male Elbow</i> <i>Codo Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 5/32 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 5/16 x 1/2 NPT	3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 5/8 x 1/2 NPT 3/4 x 1/2 NPT 3/4 x 3/4 NPT 1 x 1 NPT
0006		

Tee Macho Central <i>Branch Male Tee</i> <i>Tee Macho Al Central</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 5/32 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 5/8 x 1/2 NPT
0010	

Cotovelo União <i>Union Elbow</i> <i>Codo Unión</i>	P/Tubo <i>Tube Of</i>
	1/8 5/32 3/16 1/4 5/16 3/8 7/16 1/2 5/8 3/4 1
0007	

Tee Macho Lateral <i>Run Male Tee</i> <i>Tee Macho Al Lado</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 5/32 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 5/8 x 1/2 NPT
0011	

Cotovelo Fêmea <i>Female Elbow</i> <i>Codo Femea</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 5/32 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 5/8 x 1/2 NPT
0008	

Tee União <i>Union Tee</i> <i>Unión T</i>	P/Tubo <i>Tube Of</i>
	1/8 5/32 3/16 1/4 5/16 3/8 7/16 1/2 5/8 3/4 1
0012	

**Linha
0200**

Conexões de Gás SAE 45° Gas Connections SAE 45° Las Conexiones de Gas SAE 45°

Conectores, uniões, flanges em latão CLA (Liga UNS - C3600 TM).
Connectors, couplings, flanges in brass CLA (UNS League - C3600 TM)
Conectores, acoplamentos, bridas de latón CLA (UNS Liga - C3600TM)

Tee e cotovelo, forjados em latão (Liga UNS C37700 - TM) que proporciona maior dureza e resistência de porosidade e trincas.

Tees and elbow forged brass (UNS League - C37700 - TM) That provides greanter hardness and porosity of resistance and cracks.
Tees y codo de latón forjado (UNS League - C37700 - TM) que proporciona mayor dureza y la porosidad la resistencia y grietas.

Este tipo de conexão com assent0 cônico 45° SAE exige apenas o flangeamento da extremidade do tubo para sua montagem.

This type of 45 ° SAE tapered seat connection only requires flanging the pipe end for mounting.

Este tipo de conexão de asiento cónico SAE de 45 ° solo requiere rebordar el extremo del tubo para el montaje.

Ideal para tubos de cobre, latão, alumínio, bundy e aço recozido.

Ideal for copper pipes, brass, aluminio, bundy and annealed steel.

Ideal para tubos de cobre, latón, aluminio, bundy y acero recocido.

Recomendados para pressão de trabalho de até 5000 libras/pol².

Recommended for woking pressure of up to 5000 pounds/square inch.

Recomendado para presiones de hasta 5000 libras/pulgada cuadrada.

Para motores, equipamentos móveis, compressores de ar, queimadores de óleo, locomotiva, ar condicionado, GLP, gás natural, industria naval e outros onde há necessidade de desmontagem periódica da tubulação.

For engines, mobile devices, air compressors, oil burners, locomotive, air conditioning, LPG, gas, marine, and others where there is need for disassembly periodic pipe.

Para los motores, dispositivos móviles, compresores de aire, quemadores de aceite, locomotora, aire acondicionado, GLP, gas natural, marino, y otros en los que existe la necesidad de desmontajetubería periódica.

Porca <i>Nut / Virola</i>	P/Tubo <i>Tube Of</i>	Rosca <i>Screw</i>
	1/8	5/16x24 F.
	3/16	3/8x24 F.
	1/4	7/16x20 F.
	5/16	1/2x20 F.
	3/8	5/8x18 F.
	1/2	3/4x16 F.
	5/8	7/8x14 F.
	3/4	1"1/16x14 F.
1	1"5/16x12 F.	

0202

União <i>Union / Unión</i>	P/Tubo <i>Tube Of</i>
	1/8
	3/16
	1/4
	5/16
	3/8
	1/2
	5/8
	3/4
1	

0204

Conector Macho <i>Male Connector Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT	3/8 x 1/4 NPT
	1/4 x 1/4 NPT	3/8 x 3/8 NPT
	1/4 x 3/8 NPT	3/8 x 1/2 NPT
	1/4 x 1/2 NPT	1/2 x 1/4 NPT
	5/16 x 1/8 NPT	1/2 x 3/8 NPT
	5/16 x 1/4 NPT	1/2 x 1/2 NPT
	5/16 x 3/8 NPT	5/8 x 1/2 NPT
	5/16 x 1/2 NPT	3/4 x 1/2 NPT
	3/8 x 1/8 NPT	3/4 x 3/4 NPT

0203

Conector Fêmea <i>Female Connector Conector Hembra</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT
	1/4 x 1/4 NPT
	5/16 x 1/8 NPT
	5/16 x 1/4 NPT
	5/16 x 3/8 NPT
	3/8 x 1/4 NPT
	3/8 x 3/8 NPT
	3/8 x 1/2 NPT
	1/2 x 1/4 NPT
	1/2 x 3/8 NPT
1/2 x 1/2 NPT	

0205



Cotovelo Macho <i>Male Elbow</i> <i>Codo Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT	3/8 x 3/8 NPT
	1/4 x 1/4 NPT	3/8 x 1/2 NPT
	1/4 x 3/8 NPT	1/2 x 1/4 NPT
	5/16 x 1/8 NPT	1/2 x 3/8 NPT
	5/16 x 1/4 NPT	1/2 x 1/2 NPT
	5/16 x 3/8 NPT	5/8 x 1/2 NPT
	5/16 x 1/2 NPT	3/4 x 1/2 NPT
	3/8 x 1/8 NPT	3/4 x 3/4 NPT
	3/8 x 1/4 NPT	
	0206	

Tee Macho Central <i>Branch Male Tee</i> <i>Tee Macho Al Central</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT
	1/4 x 1/4 NPT
	5/16 x 1/8 NPT
	5/16 x 1/4 NPT
	5/16 x 3/8 NPT
	3/8 x 1/4 NPT
	3/8 x 3/8 NPT
	3/8 x 1/2 NPT
	1/2 x 1/4 NPT
	1/2 x 3/8 NPT
0210	

Cotovelo União <i>Union Elbow</i> <i>Codo Unión</i>	P/Tubo <i>Tube Of</i>
	1/8
	3/16
	1/4
	5/16
	3/8
	1/2
	5/8
	3/4
	1
	0207

Tee Macho Lateral <i>Run Male Tee</i> <i>Tee Macho Al Lado</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT
	1/4 x 1/4 NPT
	5/16 x 1/8 NPT
	5/16 x 1/4 NPT
	5/16 x 3/8 NPT
	3/8 x 1/4 NPT
	3/8 x 3/8 NPT
	3/8 x 1/2 NPT
	1/2 x 1/4 NPT
	1/2 x 3/8 NPT
0211	

Cotovelo Fêmea <i>Female Elbow</i> <i>Codo Femea</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT
	1/4 x 1/4 NPT
	1/4 x 3/8 NPT
	5/16 x 1/8 NPT
	5/16 x 1/4 NPT
	3/8 x 1/4 NPT
	3/8 x 3/8 NPT
	3/8 x 1/2 NPT
	1/2 x 1/4 NPT
	1/2 x 3/8 NPT
0208	

Tee União <i>Union Tee</i> <i>Unión T</i>	P/Tubo <i>Tube Of</i>
	1/8
	3/16
	1/4
	5/16
	3/8
	1/2
	5/8
	3/4
	1
	0212

Cotovelo 45° Macho <i>Elbow 45° Male</i> <i>Codo 45° Macho</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT
	1/4 x 1/4 NPT
	5/16 x 1/8 NPT
	5/16 x 1/4 NPT
	3/8 x 1/8 NPT
	3/8 x 1/4 NPT
	3/8 x 3/8 NPT
	3/8 x 1/2 NPT
	1/2 x 1/4 NPT
	1/2 x 3/8 NPT
0209	

Lote Mínimo de 20 PÇS

Linha J200

Conexões de Gás JIC 37°

Gas Connections JIC 37°

Las Conexiones de Gas JIC 37°

Conectores, uniões, flanges em latão CLA (Liga UNS - C3600 TM).
Connectors, couplings, flanges in brass CLA (UNS League - C3600 TM)
 Conectores, acoplamentos, bridas de latón CLA (UNS Liga - C3600TM)

Tee e cotovelo, forjados em latão (Liga UNS C37700 - TM) que proporciona maior dureza e resistência de porosidade e trincas.

Tees and elbow forged brass (UNS League - C37700 - TM) That provides greanter hardness and porosity of resistance and cracks.
 Tees y codo de latón forjado (UNS League - C37700 - TM) que proporciona mayor dureza y la porosidad la resistencia y grietas.

Este Tipo de conexões de assentamento JIC 37° exige apenas o flangeamento da extremidade do tubo para sua montagem.

This type of conical seat connections JIC 37° requires only the flanging end of the tube for assembly.

Este tipo de conexiones asiento JIC 37° require sólo el flanger extremo del tubo para el monteje.

Ideal para tubos de cobre, latão, alumínio, Bundy e aço recozido.

Ideal for copper pipes, brass, aluminio, Bundy and annealed steel.

Ideal para tubos de cobre, latón, aluminio, Bundy y acero recocido.

Recomendados para pressão de trabalho de até 5000 libras/pol².

Recommended for woking pressure of up to 5000 pounds/square inch.

Recomendado para presiones de hasta 5000 libras/pulgada cuadrada.

Para motores, equipamentos móveis, compressores de ar, queimadores de óleo, locomotiva, ar condicionado, GLP, gás natural, indústria naval e outros onde há necessidade de desmontagem periódica da tubulação.

For engines, mobile devices, air compressors, oil burners, locomotive, air conditioning, LPG, gas, marine, and others where there is need for disassembly periodic pipe.

Para los motores, dispositivos móviles, compresores de aire, quemadores de aceite, locomotora, aire acondicionado, GLP, gas natural, marino, y otros en los que existe la necesidad de desmontajetubería periódica.

Conector Macho <i>Male Connector</i> <i>Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT	3/8 x 1/4 NPT
	1/4 x 1/4 NPT	3/8 x 3/8 NPT
	1/4 x 3/8 NPT	3/8 x 3/8 NPT
	1/4 x 1/2 NPT	1/2 x 1/4 NPT
	5/16 x 1/8 NPT	1/2 x 3/8 NPT
	5/16 x 1/4 NPT	1/2 x 1/2 NPT
	5/16 x 3/8 NPT	5/8 x 1/2 NPT
	5/16 x 1/2 NPT	3/4 x 1/2 NPT
	3/8 x 1/8 NPT	3/4 x 3/4 NPT

Lote Mínimo de 30 PÇS
J203

União <i>Union / Unión</i>	P/Tubo <i>Tube Of</i>
	1/8
	3/16
	1/4
	5/16
	3/8
	1/2
	5/8
	3/4
	1

Lote Mínimo de 30 PÇS
J204

Linha vendida com lote mínimo de 30 pçs cada
Sold online with minimum lot of 30 each
 Vendido en línea con lote mínimo de 30 piezas cada una

Conector Fêmea <i>Female Connector</i> <i>Conector Hembra</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT
	1/4 x 1/4 NPT
	5/16 x 1/8 NPT
	5/16 x 1/4 NPT
	5/16 x 3/8 NPT
	3/8 x 1/4 NPT
	3/8 x 3/8 NPT
	3/8 x 1/2 NPT
	1/2 x 1/4 NPT
	1/2 x 3/8 NPT
1/2 x 1/2 NPT	

Lote Mínimo de 30 PÇS
J205



Cotovelo Macho <i>Male Elbow</i> <i>Codo Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT	3/8 x 3/8 NPT
	1/4 x 1/4 NPT	3/8 x 1/2 NPT
	1/4 x 3/8 NPT	1/2 x 1/4 NPT
	5/16 x 1/8 NPT	1/2 x 3/8 NPT
	5/16 x 1/4 NPT	1/2 x 1/2 NPT
	5/16 x 3/8 NPT	5/8 x 1/2 NPT
	5/16 x 1/2 NPT	3/4 x 1/2 NPT
	3/8 x 1/8 NPT	3/4 x 3/4 NPT
	3/8 x 1/4 NPT	
Lote Mínimo de 30 PÇS J206		

Tee Macho Central <i>Branch Male Tee</i> <i>Tee Macho Al Central</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT
	1/4 x 1/4 NPT
	5/16 x 1/8 NPT
	5/16 x 1/4 NPT
	5/16 x 3/8 NPT
	3/8 x 1/4 NPT
	3/8 x 3/8 NPT
	3/8 x 1/2 NPT
	1/2 x 1/4 NPT
	1/2 x 3/8 NPT
1/2 x 1/2 NPT	
5/8 x 1/2 NPT	
Lote Mínimo de 30 PÇS J210	

Cotovelo União <i>Union Elbow</i> <i>Codo Unión</i>	P/Tubo <i>Tube Of</i>
	1/8
	3/16
	1/4
	5/16
	3/8
	1/2
	5/8
	3/4
	1
Lote Mínimo de 30 PÇS J207	

Tee Macho Lateral <i>Run Male Tee</i> <i>Tee Macho Al Lado</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT
	1/4 x 1/4 NPT
	5/16 x 1/8 NPT
	5/16 x 1/4 NPT
	5/16 x 3/8 NPT
	3/8 x 1/4 NPT
	3/8 x 3/8 NPT
	3/8 x 1/2 NPT
	1/2 x 1/4 NPT
	1/2 x 3/8 NPT
1/2 x 1/2 NPT	
5/8 x 1/2 NPT	
Lote Mínimo de 30 PÇS J211	

Cotovelo Fêmea <i>Female Elbow</i> <i>Codo Femea</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT
	1/4 x 1/4 NPT
	1/4 x 3/8 NPT
	5/16 x 1/8 NPT
	5/16 x 1/4 NPT
	3/8 x 1/4 NPT
	3/8 x 3/8 NPT
	3/8 x 1/2 NPT
	1/2 x 1/4 NPT
	1/2 x 3/8 NPT
1/2 x 1/2 NPT	
5/8 x 1/2 NPT	
Lote Mínimo de 30 PÇS J208	

Tee União <i>Union Tee</i> <i>Unión T</i>	P/Tubo <i>Tube Of</i>
	1/8
	3/16
	1/4
	5/16
	3/8
	1/2
	5/8
	3/4
	1
Lote Mínimo de 30 PÇS J212	

Cotovelo 45° Macho <i>Elbow 45° Male</i> <i>Codo 45° Macho</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT
	1/4 x 1/4 NPT
	5/16 x 1/8 NPT
	5/16 x 1/4 NPT
	3/8 x 1/8 NPT
	3/8 x 1/4 NPT
	3/8 x 3/8 NPT
	3/8 x 1/2 NPT
	1/2 x 1/4 NPT
	1/2 x 3/8 NPT
1/2 x 1/2 NPT	
5/8 x 1/2 NPT	
Lote Mínimo de 30 PÇS J209	

**Linha
0300**

Conexões Cônico Invertido

Inverted Flare Fittines

Con Abocinado Invertido

Conectores, uniões, e algumas flanges em latão CLA (Liga UNS - C3600 TM).

Connectors, couplings, flanges and some in brass CLA (UNS League - C3600 TM)

Conectores, acoplamentos, bridas y algunis en latón CLA (UNS Liga - C3600TM)

Tee e cotovelo, forjados em latão (Liga UNS C37700 - TM) que proporciona maior dureza e resistências contra golpes, choque mecânicos e vibrações, com absoluta inexistência de porosidade e trincas.

Have and elbow, forged brass (UNS League - C37700 - TM) that provides greater hardness resistance frim sacms, mechanical shock and vibration, with absolute absence of porosity and cracks.

Tener y codo, latón forjado (UNS League - C37700 - TM) que proporciona una mayor dureza y resistencia de las estafas, los choques y las vibraciones, con absoluta ausencia de porosidad y grietas.

Ideal para tubos de cobre.

Ideal for copper pipes.

Ideal para tubos de cobre.

Recomendados para pressão de trabalho de até 1500 libras/pol², na condução de freio hidráulico para automóveis.

Recommended for woking pressure of up to 1500 pounds/square inch, in the conduct hydraulic brake driving stickers.

Recomendado para presiones de hasta 1500 libras/pulgada cuadrada de trabajo, la conduccion de la de freno hidráulico pegatinas.

Porca Hidráulica <i>Hydraulic Nut</i> <i>Tuerca Hidráulica</i>	P/Tubo <i>Tube Of</i>	Modelo <i>Model</i>	Rosca <i>Screw</i>
 0302	3/16	Mod. 1	3/8x24 F.
	1/4	Mod. 1	7/16x24 F.
	5/16	Mod. 1	1/2x20 F.
	3/8	Mod. 1	5/8x18 F.
	7/16	Mod. 1	11/16x18 F.
	1/2	Mod. 1	3/4x18 F.
	5/8	Mod. 1	7/8x 18F.

As porcas acima montam as conexões abaixo
Lote mínimo de venda 50 pçs.

Conector Macho <i>Male Connector</i> <i>Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
 Lote Mínimo de 30 PÇS 0305	3/16 x 1/8 NPT	3/8 x 1/4 NPT
	3/16 x 1/4 NPT	3/8 x 3/8 NPT
	1/4 x 1/8 NPT	3/8 x 1/2 NPT
	1/4 x 1/4 NPT	7/16 x 1/4 NPT
	1/4 x 3/8 NPT	7/16 x 3/8 NPT
	5/16 x 1/8 NPT	1/2 x 3/8 NPT
	5/16 x 1/4 NPT	1/2 x 1/2 NPT
	5/16 x 3/8 NPT	5/8 x 1/2 NPT

União <i>Union / Unión</i>	P/Tubo <i>Tube Of</i>
 Lote Mínimo de 30 PÇS 0315	3/16
	1/4
	5/16
	3/8
	1/2
	3/4

Cotovelo Macho <i>Male Elbow</i> <i>Codo Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
 Lote Mínimo de 30 PÇS 0308	3/16 x 1/8 NPT	3/8 x 3/8 NPT
	1/4 x 1/8 NPT	3/8 x 1/2 NPT
	1/4 x 1/4 NPT	7/16 x 1/4 NPT
	1/4 x 3/8 NPT	7/16 x 3/8 NPT
	5/16 x 1/8 NPT	1/2 x 3/8 NPT
	5/16 x 1/4 NPT	1/2 x 1/2 NPT
	5/16 x 3/8 NPT	5/8 x 1/2 NPT
	3/8 x 1/4 NPT	

Conector Fêmea <i>Female Connector</i> <i>Conector Hembra</i>	Tubo x Rosca <i>Tube x Thread</i>
 Lote Mínimo de 30 PÇS 0316	1/4 x 1/8 NPT
	1/4 x 1/4 NPT
	5/16 x 1/8 NPT
	5/16 x 1/4 NPT
	5/16 x 3/8 NPT
	3/8 x 1/4 NPT
	3/8 x 3/8 NPT
	3/8 x 1/2 NPT
	1/2 x 1/4 NPT
	1/2 x 3/8 NPT
	1/2 x 1/2 NPT



CONECCIATO
NUNCIATO CONEXÕES

Pag. 07

**Linha
0400**

Conexões Freio Ar Polegada Air Inch Brake Connections Conexiones de freno de pulgada de aire

Conectores, uniões, flanges e anilhas em latão CLA (Liga UNS - C3600 TM).

Connectors, fittings, flanges and washers brass CLA (UNS League - C3600 TM)

Conectores, acoplamentos, bridas y anillos em latón CLA (UNS Liga - C3600TM)

Tee e cotovelo, forjados em latão (Liga UNS C37700 - TM) que proporciona maior dureza e resistência contra golpes, choques mecânicos e vibrações, com absoluta inexistência de porosidade e trincas.

Tees and elbow forged brass (UNS League - C37700 - TM) That provides greanter hardness and resistance to blows, mechanical shocks and vibrations, whit absolute lack of porosity and cracks.

Tees y codo de latón forjado (UNS League - C37700 - TM) que proporciona mayor dureza y la resistencia a los golpes, choques y vibraciones mecánicas, con absoluta falta de porosidad y grietas.

Ideal para tubos de cobre, latão, alumínio, bundy e aço recozido, mas também pode usar tubos de nylon simples ou reforçado, uma vez aplicado com reforço de tubo.

Ideal for copper, brass, aluminum, bundy and annealed steel pipes, but you can also use single or double nylon pipesreinforced once applied with pipe reinforcement.

Ideal para cobre, latón, aluminio, tubos de acero recozido y empacado, pero también puede usar tubos de nylon simples o dobles reforzado una vez aplicado con refuerzo de tubería.

Recomendados para pressão de trabalho de até 400 libras/pol².

Recommended for woking pressure of up to 400 pounds/square inch.

Recomendado para presiones de hasta 400 libras/pulgada cuadrada.

Esse tipo de conexão, pode ser utilizada especialmente para sistema de freio a ar, conforme normas internacionais de segurança em equipamentos originais.

This type of connection can be used especially for air brake system, according to international safety standards in original equipment.

Este tipo de conexión se puede utilizar especialmente para el sistema de frenos de aire, de acuerdo con las normas internacionales de seguridad en equipos originales.

Anilha <i>Ferrule / Virola</i>	P/Tubo <i>Tube Of</i>	Conector Macho <i>Male Connector</i> <i>Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
 <p>0401</p>	1/4 5/16 3/8 1/2 5/8 3/4	 <p>0403</p>	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 5/16 x 1/2 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT	3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 1/2 x 3/4 NPT 5/8 x 1/2 NPT 3/4 x 1/2 NPT 3/4 x 3/4 NPT
Porca <i>Nut / Virola</i>	P/Tubo <i>Tube Of</i>	Rosca <i>Screw</i>	União <i>Union / Unión</i>	
 <p>0402</p>	1/4 5/16 3/8 1/2 5/8 3/4	7/16x24 F. 1/2x24 F. 17/32x24F. 11/16x20 F. 13/16x18 F. 1x18 F.	 <p>0404</p>	
			1/4 5/16 3/8 1/2 5/8 3/4	

Conector Fêmea <i>Female Connector</i> <i>Conector Hembra</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 5/8 x 1/2 NPT
0405	

Cotovelo 45° Macho <i>Elbow 45° Male</i> <i>Codo 45° Macho</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 5/8 x 1/2 NPT
Lote Mínimo de 30 PÇS 0409	

Cotovelo Macho <i>Male Elbow</i> <i>Codo Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 5/16 x 1/2 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT	3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 1/2 x 3/4 NPT 5/8 x 3/8 NPT 5/8 x 1/2 NPT 3/4 x 1/2 NPT 3/4 x 3/4 NPT
0406		

Tee Macho Central <i>Branch Male Tee</i> <i>Tee Macho Al Central</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 5/8 x 1/2 NPT 3/4 x 1/2 NPT
0410	

Cotovelo União <i>Union Elbow</i> <i>Codo Unión</i>	P/Tubo <i>Tube Of</i>
	1/4 5/16 3/8 1/2 5/8 3/4
0407	

Tee Macho Lateral <i>Run Male Tee</i> <i>Tee Macho Al Lado</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 5/8 x 1/2 NPT 3/4 x 1/2 NPT
0411	

Cotovelo Fêmea <i>Female Elbow</i> <i>Codo Femea</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 5/16 x 1/2 NPT 3/8 x 1/8 NPT	3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 5/8 x 1/2 NPT 3/4 x 1/2 NPT 3/4 x 3/4 NPT
0408		

Tee União <i>Union Tee</i> <i>Unión T</i>	P/Tubo <i>Tube Of</i>
	1/4 5/16 3/8 1/2 5/8 3/4
0412	

Insert <i>Insertar</i>	P/ Tubo <i>Tube Of</i>	P/ Tubo <i>Tube Of</i>
	1/8 3/16 1/4 5/16 3/8	1/2 5/8 3/4 1
0459		

**Linha
0500**

Conexões Adapta Tudo

Fits All Connections

Se Adapta a todas Las Conexiones

Uniões, niple, plugs e bico de mangueiras em latão CLA (Liga UNS - C3600 TM).

CLA Brass Hose Fittings, Nipples, Plugs & Hose (UNS League - C3600 TM)

Conexiones de manguera, boquillas, tapones y manguera de latón CLA (UNS Liga - C3600TM)

Cruzetas, tees, cotovelo em latão (Liga UNS - C37700 - TM) que proporcionam maior dureza contra golpes, choque mecânicos e vibrações, com absoluta inexistência de porosidade e trincas.

Brass crosspieces, tees, elbow (Alloy UNS - C37700 - TM) that provide greater hardness against blows, shock mechanical and vibration, with absolutely no porosity and cracks.

Cruces, tees, codo de latón (aleación UNS - C37700 - TM) para una mayor dureza contra golpes, golpes mecánica y vibración, sin absolutamente ninguna porosidad y grietas.

Recomendadas para pressão de trabalho de até 3000 libras/pol² nas peças forjadas e 1500 libras/pol² nas peças retas, cuja característica principal é a versatilidade, oferecendo uma ampla variedade de combinações, modelos e medidas, compõem-se de uma série de peças feitas especialmente para solucionar problemas de instalação e adaptação fora de serie e emergênciais.

Recommended for working pressure up to 3000 lbs / in² for forged parts and 1500 lbs / in² for straight parts, whose main feature is versatility, offering a wide variety of combinations, models and sizes, they are made up of a series of parts made especially for troubleshooting installation and series and emergencies.

Recomendado para presiones de trabajo de hasta 3000 lbs / in² para piezas forjadas y 1500 lbs / in² para piezas rectas, cuya característica principal es la versatilidad, que ofrece una amplia variedad de combinaciones, modelos y tamaños, se componen de una serie de piezas hechas especialmente para la resolución de problemas de instalación y series y emergencias.

Bico p/ Mang F. Fixo <i>Nozzle for Mang F. Fixed</i> <i>Boquilla para Mang F. Fijo</i>	Mang. x Rosca <i>Mang. x Thread</i>	Mang. x Rosca <i>Mang. x Thread</i>	Niple Duplo <i>Double Niple</i> <i>Doble niple</i>	Rosca <i>Screw</i>
	1/8 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 5/16 x 1/2 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT	3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 1/2 x 3/4 NPT 5/8 x 1/2 NPT 3/4 x 1/2 NPT 3/4 x 3/4 NPT 1 x 3/4 NPT 1 x 1 NPT		1/8 NPT 1/4 NPT 3/8 NPT 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT
0501			0504	

Cotovelo M/M <i>Male Elbow</i> <i>Codo Macho</i>	Rosca <i>Screw</i>	Adaptador M/F <i>Adapter M/F</i> <i>Adaptador M/F</i>	Rosca x Rosca <i>Thread x Thread</i>	Rosca x Rosca <i>Thread x Thread</i>
	1/8 NPT 1/4 NPT 3/8 NPT 1/2 NPT 3/4 NPT 1 NPT		1/8 x 1/8 NPT 1/8 x 1/4 NPT 1/8 x 3/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 1/4 x 3/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 3/8 x 3/4 NPT 1/2 x 1/2 NPT	1/2 x 3/4 NPT 1/2 x 1 NPT 3/4 x 3/4 NPT 3/4 x 1 NPT 1 x 1 NPT 1 x 1 1/4 NPT 1 1/4 x 1 1/2 NPT 1 1/2 x 1 1/2 NPT 1 1/2 x 2 NPT 2 x 2 NPT 2 x 2 1/2 NPT
0502		0505		

Niple Redutor <i>Nipple Reducer</i> <i>Niple Reductor</i>	Rosca <i>Screw</i>	Cotovelo Curto M/F <i>Short Elbow M/F</i> <i>Codo Cordo M/F</i>	Rosca <i>Screw</i>
	1/4 x 1/8 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 3/4 x 1/4 NPT 3/4 x 3/8 NPT 3/4 x 1/2 NPT 1 x 3/8 NPT 1 x 1/2 NPT 1 x 3/4 NPT		1/8 NPT 1/4 NPT 3/8 NPT 1/2 NPT 3/4 NPT 1 NPT
0503		0506	



Cotovelo Fêmea <i>Elbow Female</i> <i>Codo Mujer</i>	Rosca Screw
	1/8 NPT 1/4 NPT 3/8 NPT 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT 2 NPT
0507	

Cotovelo M/F <i>Elbow M/F</i> <i>Codo M/H</i>	Rosca Screw
	1/8 NPT 1/4 NPT 3/8 NPT 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT 2 NPT
0508	

Cotovelo 45° M/F <i>Elbow 45° M/F</i> <i>Codo 45° M/H</i>	Rosca Screw
	1/8 NPT 1/4 NPT 3/8 NPT 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT
0509	

Tee Fêmea <i>Female tee</i> <i>Tee Hembra</i>	Rosca Screw
	1/8 NPT 1/4 NPT 3/8 NPT 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT 2 NPT
0510	

Tee Macho Lateral <i>Tee Male Side</i> <i>Tee Macho Lado</i>	Rosca Screw
	1/8 NPT 1/4 NPT 3/8 NPT 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT 2 NPT
0511	

Cruzeta Fêmea <i>Crosshead Female</i> <i>Cruzeta Hembra</i>	Rosca Screw
	1/8 NPT 1/4 NPT 3/8 NPT 1/2 NPT 3/4 NPT 1 NPT
0512	

Bucha Redução <i>Reducing Bushing</i> <i>Casquilho Redutor</i>	Rosca x Rosca Thread x Thread	Rosca x Rosca Thread x Thread
	1/4 x 1/8 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 1/2 x 1/8 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 3/4 x 1/8 NPT 3/4 x 1/4 NPT 3/4 x 3/8 NPT 3/4 x 1/2 NPT 1 x 1/4 NPT	1 x 3/8 NPT 1 x 1/2 NPT 1 x 3/4 NPT 1 1/4 x 3/4 NPT 1 1/4 x 1 NPT 1 1/2 x 3/4 NPT 1 1/2 x 1 NPT 1 1/2 x 1 1/4 NPT 2 x 3/4 NPT 2 x 1 NPT 2 x 1 1/2 NPT
0513		

Niple Longo <i>Long Niple</i> <i>Niple largo</i>	Rosca x Comp. Thread x Comp	Rosca x Comp. Thread x Comp
	1/8 NPT - 3/4 1/8 NPT - 1 1/2 1/8 NPT - 2 1/8 NPT - 2 1/2 1/8 NPT - 3 1/8 NPT - 3 1/2 1/4 NPT - 3/4 1/4 NPT - 1 1/2 1/4 NPT - 2 1/4 NPT - 2 1/2 1/4 NPT - 3 1/2	3/8 NPT - 1 1/2 3/8 NPT - 2 3/8 NPT - 2 1/2 3/8 NPT - 3 3/8 NPT - 3 1/2 1/2 NPT - 1 1/2 1/2 NPT - 2 1/2 NPT - 2 1/2 1/2 NPT - 3 1/2 NPT - 3 1/2 3/4 NPT - 2 1/2 1 NPT - 2 1/2
0514		

União Desmontavel <i>Detachable Union</i> <i>Unión Desmontable</i>	Rosca Screw
	1/8 NPT 1/4 NPT 3/8 NPT 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT
0515	

União Fêmea <i>Female Union</i> <i>Hembra Unión</i>	Rosca Screw
	1/8 NPT 1/4 NPT 3/8 NPT 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT 2 NPT
0516	

Luva Redutora <i>Reducing Glove</i> <i>Guante reductor</i>	Rosca Screw
	1/4 x 1/8 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 3/4 x 1/4 NPT 3/4 x 3/8 NPT 3/4 x 1/2 NPT 1 x 1/2 NPT 1 x 3/4 NPT
0517	

Plug Sextavado <i>Plug Hex</i> <i>Tapón Hexagonal</i>	Rosca Screw
	1/8 NPT 1/4 NPT 3/8 NPT 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT
0522	

Espigão Macho <i>Male Spike</i> <i>Espiga masculina</i>	Mang x Rosca Mang x Thread	Mang x Rosca Mang x Thread	Mang x Rosca Mang x Thread
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 3/16 x 1/4 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 5/16 x 1/2 NPT	3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 3/8 x 3/4 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 1/2 x 3/4 NPT 1/2 x 1 NPT 5/8 x 3/8 NPT 5/8 x 1/2 NPT	5/8 x 3/4 NPT 5/8 x 1 NPT 3/4 x 1/2 NPT 3/4 x 1 NPT 1 x 1/2 NPT 1 x 3/4 NPT 1 x 1 NPT 1 1/4 x 1 NPT 1 1/2 x 1 NPT 1 1/2 x 1 1/2 NPT 2 x 2 NPT
0518			

Tampão Fêmea <i>Plug female</i> <i>Tapón Hembra</i>	Rosca Screw
	1/8 NPT 1/4 NPT 3/8 NPT 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT
0523	

Bico Mang. Fêmea Gir. <i>Mang Nozzle. Female Gir.</i> <i>Boquilla Mang. Gir</i>	Mang x Rosca Hose x Thread
	1/4x 1/4 BSP 5/16 x 1/4 BSP 3/8 x 1/4 BSP 3/8 x 3/8 BSP 1/2 x 3/8 BSP 1/2 x 1/2 BSP 1/2 x 3/4 BSP 3/4 x 3/4 BSP 1 x 1 BSP 5/16 x 9/16 DIR 5/16 x 9/16 ESQ
0519	

Cotovelo Bico p/ Mang. <i>Ellbow Nozzle W/Hose</i> <i>Codo Boquilla W/Mang.</i>	Mang. x Rosca Hose x Thread
	3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
0537	

União p/ Mangueira <i>Union p/ Hose</i> <i>Unión p/ Mang.</i>	Rosca Screw
	1/8 1/4 5/16 3/8 1/2 3/4 1 1/2
0520	

Tee p/ Mangueira <i>Hose Tee</i> <i>Tee p/ Mangueira</i>	Mangueira Hose
	1/8 1/4 5/16 3/8 1/2 1 1 1/4
0540	

Plug Quadrado <i>Plug Square</i> <i>Tapón Cuadrada</i>	Rosca Screw
	1/8 NPT 1/4 NPT 3/8 NPT 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT
0521	

Plug Sext. Interno <i>Plug Hex Internal</i> <i>Tapón Hexagonal Interna</i>	Rosca Screw
	1/8 NPT 1/4 NPT 3/8 NPT 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT
0555	

**Linha
0600**

Conexões Pneumáticas Pneumatic Connections Conexiones Neumáticas

Conectores, uniões e flanges em latão CLA (Liga UNS - C3600 TM).
CLA Brass Connectors, Fittings, and Flanges (UNS Alloy - C3600 TM).
Conectores, accesorios y bridas de latón CLA (aleación UNS - C3600 TM).

Anilhas em plástico especial de alta resistência, para medidas de 1/4, 5/16, 3/8, e 1/2, Ideal para tubos de polietileno, vinil, PVC e EVA, anilhas em latão para medidas de 1/8 e 3/16.

Special high strength plastic washers, for 1/4, 5/16, 3/8, and 1/2 sizes, Ideal for polyethylene pipes, vinyl, PVC and EVA, brass washers for 1/8 and 3/16 measurements.

Arandelas de plástico especiais de alta resistencia, para tamaños de 1/4, 5/16, 3/8 y 1/2, Ideal para tuberías de polietileno, vinilo, PVC y EVA, arandelas de latón para medidas de 1/8 y 3/16.

Tee e cotovelos forjados em latão (Liga UNS - C37700 - TM) que proporciona maior dureza e resistência coontra golpes, choques mecânicos e vibrações, com absoluta inexistência de porosidade e trincas.

Forged brass tee and elbows (UNS Alloy - C37700 - TM) which provides increased hardness and resistance against blows, mechanical shocks and vibrations, with absolutely no porosity and cracks.

Tee y codos de latón forjado (UNS Alloy - C37700 - TM) que proporciona mayor dureza y resistencia contra golpes, Choques mecánicos y vibraciones, sin absolutamente ninguna porosidad y grietas.

Pressão de trabalho compatível com as especificações do tubo utilizado.

Working pressure compatible with the specifications of the pipe used.

Presión de trabajo compatible con las especificaciones de la tubería utilizada.

Para aplicações em linhas de ar comprimido, equipamentos e controles pneumáticos, instrumentação e outros.

For applications in compressed air lines, pneumatic equipment and controls, instrumentation and others.

Para aplicaciones en líneas de aire comprimido, equipos y controles neumáticos, instrumentación y otros.

Este tipo de conexão não exige preparação especial do tubo, por dispensar ferramentas na montagem, aperto manual, simples e fácil, proporciona economia de tempo de 90% resultando custo baixo e grande eficiência.

This type of connection does not require special pipe preparation as it does not require assembly, clamping Simple and easy manual operation provides 90% time savings resulting in low cost and high efficiency.

Este tipo de conexión no requiere una preparación especial de la tubería, ya que no requiere montaje, sujeción La operación manual simple y fácil proporciona un ahorro de tiempo del 90%, lo que resulta en un bajo costo y una alta eficiencia.

Luva Plástica Plastic Glove Guanter Plastico	P/Tubo Tube Of
	1/8 3/16 1/4 5/16 3/8 1/2
0660	

União Union / Unión	P/Tubo Tube Of
	1/8 3/16 1/4 5/16 3/8 1/2
0662	

Flange Flange / Brida	P/Tubo Tube Of	Rosca Screw
	1/8 3/16 1/4 5/16 3/8 1/2	5/16 x 24F. 3/8 x 24F. 7/16 x 24F. 1/2 x 24F. 9/16 x 24F. 11/16 x 10F
0661		

Tee União Tee Union Tee Unión	P/Tubo Tube Of
	1/8 3/16 1/4 5/16 3/8 1/2
0664	



Cotovelo União <i>Elbow Union</i> <i>Codo Unión</i>	P/Tubo <i>Tube Of</i>
	1/8 3/16 1/4 5/16 3/8 1/2
0665	

Conector Fêmea <i>Female Connector</i> <i>Conector Hembra</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 1/8 x 1/4 NPT 3/16 x 1/8 NPT 3/16 x 1/4 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT	5/16 x 3/8 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 1/2 x 3/4 NPT
0666		

Conector Macho <i>Male Connector</i> <i>Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 1/8 x 1/4 NPT 3/16 x 1/8 NPT 3/16 x 1/4 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT	5/16 x 3/8 NPT 5/16 x 1/2 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 1/2 x 3/4 NPT
0668		

Cotovelo Macho <i>Male Elbow</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 1/8 x 1/4 NPT 3/16 x 1/8 NPT 3/16 x 1/4 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT	5/16 x 3/8 NPT 5/16 x 1/2 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 1/2 x 3/4 NPT
0669		

Cotovelo Fêmea <i>Female Elbow</i> <i>Codo Hembra</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 1/8 x 1/4 NPT 3/16 x 1/8 NPT 3/16 x 1/4 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT	5/16 x 3/8 NPT 5/16 x 1/2 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 1/2 x 3/4 NPT
0670		

Tee Macho Lateral <i>Tee Male Side</i> <i>Tee Hombre Lateral</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 3/16 x 1/4 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 1/2 x 3/4 NPT
0671	

Tee Macho Central <i>Tee Male Central</i> <i>Tee Hombre Central</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 3/16 x 1/4 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 1/2 x 3/4 NPT
0672	

Tee Fêmea Central <i>Tee Female Central</i> <i>Tee Hembra Central</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT
0677	Lote Mínimo de 30 PÇS

União Painel <i>Union Panel</i> <i>Unión Pnel</i>	P/Tubo <i>Tube Of</i>
	1/4 5/16 3/8 1/2
0682	Lote Mínimo de 30 PÇS

**Linha
0700**

Conexões de Lubrificação Connections Lubrication Conexiones De Lubricación

Conectores, uniões e flanges em latão CLA (Liga UNS - C3600 TM).
CLA Brass Connectors, Fittings, and Flanges (UNS Alloy - C3600 TM).
Conectores, accesorios y bridas de latón CLA (aleación UNS - C3600 TM).

Tee e cotovelos forjados em latão (Liga UNS - C37700 - TM) que proporciona maior dureza e resistência contra golpes, choques mecânicos e vibrações, com absoluta inexistência de porosidade e trincas.

Forged brass tee and elbows (UNS Alloy - C37700 - TM) which provides increased hardness and resistance against blows, mechanical shocks and vibrations, with absolutely no porosity and cracks.

Tee y codos de latón forjado (UNS Alloy - C37700 - TM) que proporciona mayor dureza y resistencia contra golpes, Choques mecánicos y vibraciones, sin absolutamente ninguna porosidad y grietas.

Flanges e anilhas em uma única peça. Quando há aperto da flange a anilha separa-se e fixa no tubo. Por ser de montagem simples e fácil proporciona economia de tempo de 80%, resultando baixo custo e grande eficiência.

Flanges and washers in one piece. When the flange is tightened, the washer separates and secures to the pipe. Because it is mounting simple and easy, it saves 80% time, resulting in low cost and great efficiency.

Bridas y arandelas en una sola pieza. Cuando se aprieta la brida, la arandela se separa y se asegura a la tubería. Porque está montando simple y fácil, ahorra un 80% de tiempo, lo que resulta en un bajo costo y una gran eficiencia.

Ideal para tubos de cobre, latão, alumínio, bundy, aço recozido e nylon desde que aplicado com insert para reforço.

Ideal for copper, brass, aluminum, bundy, annealed steel and nylon pipes as long as applied with insert for reinforcement.

Ideal para tubos de cobre, latón, aluminio, haz, acero recocido y nylon, siempre que se aplique con inserto para refuerzo.

Recomendado para pressão de trabalho de até 5000/pol².

Recommended for working pressure up to 5000 / in²

Recomendado para presiones de trabajo de hasta 5000 / in²

Para aplicação em motores, equipamentos móveis, compressores de ar, locomotivas, equipamentos de terraplenagem, sistemas de lubrificação, controles hidráulicos, pneumáticos, laboratórios, instrumentação e outros.

For application on engines, mobile equipment, air compressors, locomotives, earthmoving equipment, lubrication systems, hydraulic controls, tires, laboratories, instrumentation and others.

Para aplicación en motores, equipos móviles, compresores de aire, locomotoras, equipos de movimiento de tierras, sistemas de lubricación, controles hidráulicos, neumáticos, laboratorios, instrumentación y otros.

Flange <i>Flange / Brida</i>	P/Tubo <i>Tube Of</i>	Rosca <i>Screw</i>
 0781	1/8	5/16 x 24F.
	3/16	3/8 x 24F.
	1/4	7/16 x 24F.
	5/16	1/2 x 20F.
	3/8	9/16 x 20F.
	1/2	11/16 x 10F
	4 MM	M8p1
	6 MM	M10p1
	8 MM	1/2 x 20F
	10 MM	9/16 x 20F
	12 MM	11/16 x 16F

União <i>Union / Unión</i>	P/Tubo <i>Tube Of</i>
 0782	1/8
	3/16
	1/4
	5/16
	3/8
	1/2
	4 MM
	6 MM
	8 MM
	10MM
	12MM

**Linha vendida
somente montada**
Sold line assembled only
Línea vendida ensamblada solamente

Tee União <i>Tee Union Tee Unión</i>	P/Tubo <i>Tube Of</i>
 0784	1/8
	3/16
	1/4
	5/16
	3/8
	1/2
	4 MM
	6 MM
	8 MM
	10MM
	12MM



Cotovelo União <i>Elbow Union</i> <i>Codo Unión</i>	P/Tubo <i>Tube Of</i>
	1/8 3/16 1/4 5/16 3/8 1/2 4 MM 6 MM 8 MM 10MM 12MM
0785	

Cotovelo Fêmea <i>Female Elbow</i> <i>Codo Hembra</i>	Tubo x Rosca <i>Tube x Thread</i>
	3/16 x 1/4 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 1/2 x 3/8 NPT 6 MM x 1/8 NPT 6 MM x 1/4 NPT 8 MM x 1/4 NPT 10 MM x 1/4 NPT 10 MM x 3/8 NPT 12 MM x 3/8 NPT
0790	

Conector Fêmea <i>Female Connector</i> <i>Conector Hembra</i>	Tubo x Rosca <i>Tube x Thread</i>
	3/16 x 1/4 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 1/2 x 3/8 NPT 6 MM x 1/8 NPT 6 MM x 1/4 NPT 8 MM x 1/4 NPT 10 MM x 1/4 NPT 10 MM x 3/8 NPT 12 MM x 3/8 NPT
0786	

Tee Macho Lateral <i>Tee Male Side</i> <i>Tee Macho Lateral</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/4 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 1/2 x 1/2 NPT 1/2 x 3/8 NPT
0791	

Conector Macho <i>Male Connector</i> <i>Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 3/16 x 1/4 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT	4 MM x M8p1 4 MM x 1/8 NPT 6 MM x M10p1 6 MM x 1/8 NPT 6 MM x 1/4 NPT 8 MM x 1/8 NPT 8 MM x 1/4 NPT 8 MM x 3/8 NPT 10 MM x 1/4 NPT 10 MM x 3/8 NPT 12 MM x 1/4 NPT 12 MM x 3/8 NPT 12 MM x 1/2 NPT
0788		

Tee Macho Central <i>Tee Male Central</i> <i>Tee Macho Central</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/4 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 1/2 x 1/2 NPT 1/2 x 3/8 NPT
0792	

Conector Macho <i>Male Connector</i> <i>Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 3/16 x 1/4 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT	4 MM x M8p1 4 MM x 1/8 NPT 6 MM x M10p1 6 MM x 1/8 NPT 6 MM x 1/4 NPT 8 MM x 1/8 NPT 8 MM x 1/4 NPT 8 MM x 3/8 NPT 10 MM x 1/4 NPT 10 MM x 3/8 NPT 12 MM x 1/4 NPT 12 MM x 3/8 NPT 12 MM x 1/2 NPT
0789		

Linha 0800

Conexões de Alta Pressão Connections For High Pressure Conexiones De Alta Presión

Conectores, uniões, flanges e anilhas em latão CLA (Liga UNS - C3600 TM).

CLA brass connectors, couplings, flanges and washers (UNS - C3600 TM Alloy).

Conectores, acoplamientos, bridas y arandelas de latón CLA (aleación UNS - C3600 TM)..

Tee e cotovelos forjados em latão (Liga UNS - C37700 - TM) que proporciona maior dureza e resistência contra golpes, choques mecânicos e vibrações, com absoluta inexistência de porosidade e trincas.

Forged brass tee and elbows (UNS Alloy - C37700 - TM) which provides increased hardness and resistance against blows, mechanical shocks and vibrations, with absolutely no porosity and cracks.

Tee y codos de latón forjado (UNS Alloy - C37700 - TM) que proporciona mayor dureza y resistencia contra golpes, Choques mecánicos y vibraciones, sin absolutamente ninguna porosidad y grietas.

Ideal para tubos de cobre, latão, alumínio, Bundy, aço recozido.

Ideal for copper, brass, aluminum, Bundy, annealed steel pipes..

Ideal para cobre, latón, aluminio, tubos de acero recozido y atado..

Recomendado para pressão de trabalho de até 5000/pol².

Recommended for working pressure up to 5000 / in²

Recomendado para presiones de trabajo de hasta 5000 / in²

Para aplicação em instrumentação, indústria química, petroquímica, refinaria, equipamentos hidráulicos, pneumáticos, laboratórios e outras operações de condução de fluidos.

For application in instrumentation, chemical, petrochemical, refinery, hydraulic, pneumatic, laboratories and other fluid conduction operations.

Para aplicación en instrumentación, química, petroquímica, refinería, hidráulica, neumática, laboratorios y otras operaciones de conducción de fluidos.

Este tipo de conexão não exige preparação especial do tubo, por der de montagem simples e fácil, quanto ao aperto da flange, basta cobri a rosca, que a vedação já no exato ponto de utilização, pode ser em processo visual, proporciona baixo custo e grande eficiência.

This type of connection does not require special pipe preparation, as it is simple and easy to assemble, I covered the thread, which the seal at the exact point of use, can be in visual process, provides low cost and great efficiency.

Este tipo de conexión no requiere una preparación especial de la tubería, ya que es simple y fácil de ensamblar. Cubrí el hilo, que el sello en el punto exacto de uso, puede estar en proceso visual, proporciona bajo costo y gran eficiencia.

Junta <i>Joint / Conjunto</i>	P/Tubo <i>Tube Of</i>
 <p>0860</p>	1/8
	3/16
	1/4
	5/16
	3/8
	1/2
	5/8
	3/4
	1

Porca <i>Nut / Brida</i>	P/Tubo <i>Tube Of</i>	Rosca <i>Screw</i>
 <p>0861</p>	1/8	3/8 x 24F.
	3/16	7/16 x 20F.
	1/4	1/2 x 20F.
	5/16	9/16 x 18F.
	3/8	5/8 x 18F.
	1/2	3/4 x 18F.
	5/8	15/16 x 16F.
	3/4	1 1/16 x 16F.
	1	1 5/16 x 16F.

**Linha vendida
somente montada**
Sold line assembled only
Línea vendida ensamblada solamente

União <i>Union / Unión</i>	P/Tubo <i>Tube Of</i>
 <p>0862</p>	1/8
	3/16
	1/4
	5/16
	3/8
	1/2
	5/8
	3/4
	1



Tee União <i>Tee Union</i> <i>Tee Unión</i>	P/Tubo <i>Tube Of</i>
	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1
0864	

Cotovelo União <i>Elbow Union</i> <i>Codo Unión</i>	P/Tubo <i>Tube Of</i>
	1/8 3/16 1/4 5/16 3/8 1/2 5/8 3/4 1
0865	

Conector Fêmea <i>Female Connector</i> <i>Conector Hembra</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
0866	

Conector Macho <i>Male Connector</i> <i>Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 5/8 x 1/2 NPT
0868	

Cotovelo Macho <i>Male Elbow</i> <i>Codo Macho</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 5/8 x 1/2 NPT
0869	

Cotovelo Fêmea <i>Female Elbow</i> <i>Codo Hembra</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT 5/8 x 1/2 NPT
0870	

Tee Macho Central <i>Tee Male Central</i> <i>Tee Macho Central</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
0871	

Tee Macho Lateral <i>Tee Male Side</i> <i>Tee Macho Lateral</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
0872	

**Linha
D800**

Conexões Dupla Anilha **Connections Double Washer** **Conexiones Doble Arandela**

Conectores, uniões, flanges e anilhas em latão CLA (Liga UNS - C3600 TM).

CLA brass connectors, couplings, flanges and washers (UNS - C3600 TM Alloy).

Conectores, acoplamientos, bridas y arandelas de latón CLA (aleación UNS - C3600 TM)..

Tee e cotovelos forjados em latão (Liga UNS - C37700 - TM) que proporciona maior dureza e resistência contra golpes, choques mecânicos e vibrações, com absoluta inexistência de porosidade e trincas.

Forged brass tee and elbows (UNS Alloy - C37700 - TM) which provides increased hardness and resistance against blows, mechanical shocks and vibrations, with absolutely no porosity and cracks.

Tee y codos de latón forjado (UNS Alloy - C37700 - TM) que proporciona mayor dureza y resistencia contra golpes, Choques mecánicos y vibraciones, sin absolutamente ninguna porosidad y grietas.

Ideal para tubos de cobre, latão, alumínio, bundy, aço recozido.

Ideal for copper, brass, aluminum, bundy, annealed steel pipes..

Ideal para cobre, latón, aluminio, tubos de acero recozido y atado..

Recomendado para pressão de trabalho de até 5000/pol².

Recommended for working pressure up to 5000 / in²

Recomendado para presiones de trabajo de hasta 5000 / in²

Para aplicação em instrumentação, indústria química, petroquímica, refinaria, equipamentos hidráulicos, pneumáticos, laboratórios e outras operações de condução de fluidos.

For application in instrumentation, chemical, petrochemical, refinery, hydraulic, pneumatic, laboratories and other fluid conduction operations.

Para aplicación en instrumentación, química, petroquímica, refinería, hidráulica, neumática, laboratorios y otras operaciones de conducción de fluidos.

Este tipo de conexão não exige preparação especial do tubo, por der de montagem simples e fácil, quanto ao aperto da flange, basta cobri a rosca, que a vedação já no exato ponto de utilização, pode ser em processo visual, proporciona baixo custo e grande eficiência.

This type of connection does not require special pipe preparation, as it is simple and easy to assemble, I covered the thread, which the seal at the exact point of use, can be in visual process, provides low cost and great efficiency.

Este tipo de conexión no requiere una preparación especial de la tubería, ya que es simple y fácil de ensamblar. Cubrí el hilo, que el sello en el punto exacto de uso, puede estar en proceso visual, proporciona bajo costo y gran eficiencia.

Anilha Dianteira

*Washer Front
Arandela Frontal*

P/Tubo
Tube Of



D860D

1/8
3/16
1/4
5/16
3/8
1/2

Anilha Traseira

*Washer Rear
Arandela Traseira*

P/Tubo
Tube Of



D860T

1/8
3/16
1/4
5/16
3/8
1/2

Linha vendida somente montada

Sold line assembled only

Línea vendida ensamblada solamente

Linha vendida com lote mínimo de 50 pçs cada

Sold online with minimum lot of 50 each

Vendido en línea con lote mínimo de 50 piezas cada una

Porca
Nut / Brida

P/Tubo
Tube Of

Rosca
Screw



D861

1/8
3/16
1/4
5/16
3/8
1/2

5/16 x 20F.
3/8 x 20F.
7/16 x 20F.
1/2 x 20F.
9/16 x 20F.
3/4 x 20F.



União <i>Union / Unión</i>	P/Tubo <i>Tube Of</i>
	1/8 3/16 1/4 5/16 3/8 1/2
D862	

Tee União <i>Tee Union Tee Unión</i>	P/Tubo <i>Tube Of</i>
	1/8 3/16 1/4 5/16 3/8 1/2
D864	

Cotovelo União <i>Elbow Union Codo Unión</i>	P/Tubo <i>Tube Of</i>
	1/8 3/16 1/4 5/16 3/8 1/2
D865	

Conector Fêmea <i>Female Connector Conector Hembra</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
D866	

Conector Macho <i>Male Connector Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
D868	

Cotovelo Macho <i>Male Elbow Codo Macho</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
D869	

Cotovelo Fêmea <i>Elbow Female Codo Hembra</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
D870	

Tee Macho Central <i>Tee Male Central Tee Macho Central</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
D871	

Tee macho Lateral <i>Tee Male Side Tee Macho Lateral</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/8 x 1/8 NPT 3/16 x 1/8 NPT 1/4 x 1/8 NPT 1/4 x 1/4 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
D872	

**Linha
0900**

Conexões Freio Ar Milímetro **Millimeter Air Brake Fittings** **Milímetro Accesorios de Frenos de Aire**

Conectores, uniões, flanges e anilhas em latão CLA (Liga UNS - C3600 TM).

CLA brass connectors, couplings, flanges and washers (UNS - C3600 TM Alloy).

Conectores, acoplamientos, bridas y arandelas de latón CLA (aleación UNS - C3600 TM)..

Tee e cotovelos forjados em latão (Liga UNS - C37700 - TM) que proporciona maior dureza e resistência contra golpes, choques mecânicos e vibrações, com absoluta inexistência de porosidade e trincas.

Forged brass tee and elbows (UNS Alloy - C37700 - TM) which provides increased hardness and resistance against blows, mechanical shocks and vibrations, with absolutely no porosity and cracks.

Tee y codos de latón forjado (UNS Alloy - C37700 - TM) que proporciona mayor dureza y resistencia contra golpes, Choques mecánicos y vibraciones, sin absolutamente ninguna porosidad y grietas.

Ideal para tubos de nylon simples ou reforçados desde que aplicados com insert para reforço do tubo, como também para utilização em tubo de cobre, latão, alumínio, bundy, e aço recozido.

Ideal for single or reinforced nylon tubes provided they are applied with insert for tube reinforcement as well as for Use on copper pipe, brass, aluminum, bundy, and annealed steel.

Ideal para tubos de nylon simples o reforçados, siempre que se apliquen con insert para refuerzo de tubos, así como para uselo en tuberías de cobre, latón, aluminio, bundy y acero recozido.

Recomendado para pressão de trabalho de até 400/pol².

Recommended for working pressure up to 400 / in²

Recomendado para presiones de trabajo de hasta 400 / in²

Este tipo de conexão pode ser utilizado especialmente em sistemas de freio a ar, conforme normas internacionais de segurança com equipamentos originais.

This type of connection can be used especially in air brake systems according to international standards of safety with original equipment.

Este tipo de conexión se puede utilizar especialmente en sistemas de frenos de aire de acuerdo con las normas internacionales de seguridad con equipo original.

Vedação de rosca métrica externa acompanhada de anel de encosto (em latão), e anel oring.

External metric thread seal accompanied by thrust ring (brass) and oring ring.

Sello externo de rosca métrica acompañado de anillo de empuje (latón) y anillo de oring.

Anel de Encosto <i>Ring Thrust</i> <i>Empuje El Anillo</i>	P/Tubo <i>Tube Of</i>
	M10 M12 M14 M16 M18 M22
0900	

Anilha <i>Washer</i> <i>Arandela</i>	P/Tubo <i>Tube Of</i>
	4MM 6MM 8MM 10MM 11MM 12MM 14MM 15MM 16MM
0901	

Linha vendida somente montada

Sold line assembled only

Línea vendida ensamblada solamente

Porca <i>Nut / Brida</i>	P/Tubo <i>Tube Of</i>	Rosca <i>Screw</i>
	4MM 6MM 8MM 10MM 11MM 12MM 14MM 15MM 16MM	M10p1,5 M12p1,5 M14p1,5 M16p1,5 M16p1,5 M18p1,5 M20p1,5 M20p1,5 M22p1,5
0902		



Conector Macho <i>Male Connector</i> <i>Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	4MM x M6 6MM x M10 6MM x M12 6MM x M14 6MM x M16 6MM x M22 8MM x M10 8MM x M12 8MM x M14 8MM x M16	10MM x M12 10MM x M16 10MM x M22 12MM x M12 12MM x M16 12MM x M22 16MM x M12 16MM x M16 16MM x M22
0903		

Tee Macho Central <i>Tee Male Central</i> <i>Tee Macho Central</i>	Tubo x Rosca <i>Tube x Thread</i>
	6MM x M10 6MM x M12 6MM x M14 6MM x M16 8MM x M12 8MM x M14 8MM x M16 10MM x M12 10MM x M16 12MM x M12 12MM x M16 12MM x M22 16MM x M16 16MM x M22
0910	

União <i>Union / Unión</i>	P/Tubo <i>Tube Of</i>
	4MM 6MM 8MM 10MM 11MM 12MM 14MM 15MM 16MM
0904	

Tee Macho Lateral <i>Tee Male Side</i> <i>Tee Macho Lateral</i>	Tubo x Rosca <i>Tube x Thread</i>
	6MM x M10 6MM x M12 6MM x M14 6MM x M16 8MM x M12 8MM x M14 8MM x M16 10MM x M12 10MM x M16 12MM x M12 12MM x M16 12MM x M22 16MM x M16 16MM x M22
0911	

Contra Porca <i>Against Nut</i> <i>Contra La Tuerca</i>	P/Rosca <i>p/screw</i>
	M10 M12 M14 M16 M18 M22
0905	

Tee União <i>Tee Union</i> <i>Tee Unión</i>	P/Tubo <i>Tube Of</i>
	4MM 6MM 8MM 10MM 11MM 12MM 14MM 15MM 16MM
0912	

Cotovelo Macho <i>Male elbow</i> <i>Codo Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	4MM x M6 6MM x M10 6MM x M12 6MM x M14 6MM x M16 6MM x M22 8MM x M10 8MM x M12 8MM x M14 8MM x M16	10MM x M12 10MM x M16 10MM x M22 12MM x M12 12MM x M16 12MM x M22 16MM x M12 16MM x M16 16MM x M22
0906		

União Anteparo <i>Bulkhead Union</i> <i>Unión Passante</i>	Tubo x Rosca <i>Tube x Thread</i>
	8MM x M16 10MM x 1/2 10MM x M16 10MM x M22 12MM x 1/2 12MM x M16 12MM x M22
0913	

Cotovelo União <i>Elbow Union</i> <i>Codo Unión</i>	P/Tubo <i>Tube Of</i>
	4MM 6MM 8MM 10MM 11MM 12MM 14MM 15MM 16MM
0907	

Bujão Sextavado <i>Plug Hex</i> <i>Hexagonal Plug</i>	P/Rosca <i>p/screw</i>
	M8 M10 M12 M14 M16 M18 M20 M22 M24
0915	

Insert <i>Insertar</i>	P/Tubo <i>Tube Of</i>
	4MM 6MM 8MM 10MM 11MM 12MM 14MM Usinado 15MM Usinado 16MM
0959	

Adaptador M/F <i>Adapter Female/Male</i> <i>Adaptador H/M</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	M12 x 1/4 NPT M12 x M14 M12 x M16 M12 x M22 M14 x 1/8 NPT M14 x 1/4 NPT M14 x M16 M14 x M22 M16 x M12 M16 x M14 M16 x 1/4 NPT M16 x 3/8 NPT M16 x M16 M16 x M20 M16 x 1/2 NPT M16 x M22 M22 x M12 M22 x 1/4 NPT M22 x M16 M22 x 3/8 NPT	1/8 NPT x M10 1/8 NPT x M12 1/8 NPT x M14 1/8 NPT x M16 1/4 NPT x M10 1/4 BSP x M10 1/4 NPT x M12 1/4 BSP x M12 1/4 NPT x M14 1/4 NPT x M16 1/4 NPT x M22 3/8 NPT x M12 3/8 NPT x M16 3/8 NPT x M22 3/8 NPT x M26 1/2 NPT x M14 1/2 NPT x M16 1/2 NPT x M22 1/2 NPT x M26
0916		

Conector Macho <i>Male Connector</i> <i>Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	4MM x 1/8 NPT 6MM x 1/8 NPT 6MM x 1/4 NPT 6MM x 3/8 NPT 8MM x 1/8 NPT 8MM x 1/4 NPT 8MM x 3/8 NPT 8MM x 1/2 NPT 10 MM x 1/8 NPT 10 MM x 1/4 NPT	10MM x 3/8 NPT 10MM x 1/2 NPT 12MM x 1/4 NPT 12MM x 3/8 NPT 12MM x 1/2 NPT 14MM x 1/4 NPT 14MM x 3/8 NPT 16MM x 1/4 NPT 16MM x 3/8 NPT 16MM x 1/2 NPT
0918		

Conector Macho <i>Male Connector</i> <i>Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	4MM x 1/8 NPT 6MM x 1/8 NPT 6MM x 1/4 NPT 6MM x 3/8 NPT 8MM x 1/8 NPT 8MM x 1/4 NPT 8MM x 3/8 NPT 8MM x 1/2 NPT 10 MM x 1/8 NPT 10 MM x 1/4 NPT	10MM x 3/8 NPT 10MM x 1/2 NPT 12MM x 1/4 NPT 12MM x 3/8 NPT 12MM x 1/2 NPT 14MM x 1/4 NPT 14MM x 3/8 NPT 16MM x 1/4 NPT 16MM x 3/8 NPT 16MM x 1/2 NPT
0919		

**Linha
1200**

Conexões Tipo Ermeto Connections Tupe Ermeto Conexiones Tipo Ermeto

Conectores, uniões, porcas e anilhas em latão CLA (Liga UNS - C3600 TM).

Brass connectors, unions, nuts and washers CLA (Alloy UNS - C3600 TM).

Conectores, uniones, tuercas y arandelas de latón CLA (aleación UNS - C3600 TM).

Te e cotovelos forjados em latão (Liga UNS - C37700 - TM) que proporciona maior dureza e resistência contra golpes, choques mecânicos e vibrações, com absoluta inexistência de porosidade e trincas.

Forged brass tee and elbows (UNS Alloy - C37700 - TM) which provides increased hardness and resistance against blows, mechanical shocks and vibrations, with absolutely no porosity and cracks.

Tee y codos de latón forjado (UNS Alloy - C37700 - TM) que proporciona mayor dureza y resistencia contra golpes, Choques mecánicos y vibraciones, sin absolutamente ninguna porosidad y grietas.

Ideal para tubos de cobre, latão, alumínio, bundy e aço recozido.

Ideal for copper, brass, aluminum, bundy and annealed steel pipes.

Ideal para cobre, latón, aluminio, tubería y acero recocido.

Recomendado para pressão de trabalho de até 5000 a 7000 libras/pol².

Recommended for working pressure up to 5000 to 7000 lbs / in².

Recomendado para presiones de trabajo de hasta 5000 a 7000 lbs / in².

Para aplicação em instrumentação, indústria, petroquímica, refinaria, hidráulicos, locomotivas, navios e etc.

For application in instrumentation, chemical industry, petrochemical, refinery, hydraulic equipment, locomotives, ships and etc.

Para aplicación en instrumentación, industria química, petroquímica, refinería, equipos hidráulicos, locomotivos, barcos y etc.

Anilha <i>Washer</i> <i>Arandela</i>	P/Tubo <i>Tube Of</i>	Porca <i>Nut / Brida</i>	P/Tubo <i>Tube Of</i>	Rosca <i>Screw</i>
 1201	4 MM	 1202	4 MM	M10p1
	5 MM		5 MM	M10p1
	6 e 6,4 MM		6 e 6,4 MM	M12p1,5
	8 MM		8 MM	M14p1,5
	9,5 e 10 MM		9,5 e 10 MM	M16p1,5
	12 e 12,7 MM		12 e 12,7 MM	M20p1,5
	14 MM		14 MM	M22p1,5
	15 MM		15 MM	M22p1,5
	16 MM		16 MM	M24p1,5
	18 MM		18 MM	M26p1,5
	19 MM		19 MM	M28p1,5
	20 MM		20 MM	M30p2
	22 MM		22 MM	M30p2
	25 e 25,4 MM		25 e 25,4 MM	M34p2
	28 MM		28 MM	M38p2
30 e 32 MM	30 e 32 MM	M42p2		
35 MM	35 MM	M45p2		
38 MM	38 MM	M48p2		
42 MM	42 MM	M52p2		

União Macho <i>Male Union</i> <i>Unión Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
 1203	4MM x 1/8 NPT	12 e 12,7MM x 3/8 NPT	20MM x 3/8 NPT
	4MM x 1/4 NPT	12 e 12,7MM x 1/2 NPT	20MM x 1/2 NPT
	5MM x 1/8 NPT	12 e 12,7MM x 3/4 NPT	20MM x 3/4 NPT
	5MM x 1/4 NPT	14 e 15MM x 1/4 NPT	22MM x 1/2 NPT
	6 e 6,4MM x 1/8 NPT	14 e 15MM x 3/8 NPT	22MM x 3/4 NPT
	6 e 6,4MM x 1/4 NPT	14 e 15MM x 1/2 NPT	22MM x 1 NPT
	6 e 6,4MM x 3/8 NPT	16MM x 1/4 NPT	25 e 25,4MM x 3/4 NPT
	6 e 6,4MM x 1/2 NPT	16MM x 3/8 NPT	25 e 25,4MM x 1 NPT
	8MM x 1/8 NPT	16MM x 1/2 NPT	28MM x 3/4 NPT
	8MM x 1/4 NPT	16MM x 3/4 NPT	28MM x 1 NPT
	8MM x 3/8 NPT	18MM x 3/8 NPT	30 e 32MM x 1 NPT
	8MM x 1/2 NPT	18MM x 1/2 NPT	30 x 32MM x 1 1/4 NPT
	9,5 e 10MM x 1/8 NPT	18MM x 3/4 NPT	35MM x 1 NPT
	9,5 e 10MM x 1/4 NPT	19MM x 3/8 NPT	35MM x 1 1/4 NPT
	9,5 e 10MM x 3/8 NPT	19MM x 1/2 NPT	38MM x 1 1/2 NPT
9,5 x 10MM x 1/2 NPT	19MM x 3/4 NPT	42MM x 1 1/2 NPT	



União Macho <i>Male Union</i> <i>Unión Macho</i>	Tube x Rosca <i>Tube x Thread</i>	Tube x Rosca <i>Tube x Thread</i>	Tube x Rosca <i>Tube x Thread</i>
	4MM x 1/8 BSP 4MM x 1/4 BSP 5MM x 1/8 BSP 5MM x 1/4 BSP 6 e 6,4MM x 1/8 BSP 6 e 6,4MM x 1/4 BSP 6 e 6,4MM x 3/8 BSP 6 e 6,4MM x 1/2 BSP 8MM x 1/8 BSP 8MM x 1/4 BSP 8MM x 3/8 BSP 8MM x 1/2 BSP 9,5 e 10MM x 1/8 BSP 9,5 e 10MM x 1/4 BSP 9,5 e 10MM x 3/8 BSP 9,5 x 10MM x 1/2 BSP	12 e 12,7MM x 3/8 BSP 12 e 12,7MM x 1/2 BSP 12 e 12,7MM x 3/4 BSP 14 e 15MM x 1/4 BSP 14 e 15MM x 3/8 BSP 14 e 15MM x 1/2 BSP 16MM x 1/4 BSP 16MM x 3/8 BSP 16MM x 1/2 BSP 16MM x 3/4 BSP 18MM x 3/8 BSP 18MM x 1/2 BSP 18MM x 3/4 BSP 19MM x 3/8 BSP 19MM x 1/2 BSP 19MM x 3/4 BSP	20MM x 3/8 BSP 20MM x 1/2 BSP 20MM x 3/4 BSP 22MM x 1/2 BSP 22MM x 3/4 BSP 22MM x 1 BSP 25 e 25,4MM x 3/4 BSP 25 e 25,4MM x 1 BSP 28MM x 3/4 BSP 28MM x 1 BSP 30 e 32MM x 1 BSP 30 x 32MM x 1 1/4 BSP 35MM x 1 BSP 35MM x 1 1/4 BSP 38MM x 1 1/2 BSP 42MM x 1 1/2 BSP

1203B

União <i>Union / Unión</i>	P/Tube <i>Tube Of</i>
	4 MM 5 MM 6 e 6,4 MM 8 MM 9,5 e 10 MM 12 e 12,7 MM 14 MM 15 MM 16 MM 18 MM 19 MM 20 MM 22 MM 25 e 25,4 MM 28 MM 30 e 32 MM 35 MM 38 MM 42 MM

1204

União Fêmea <i>Female Union</i> <i>Unión Hembra</i>	Tube x Rosca <i>Tube x Thread</i>	Tube x Rosca <i>Tube x Thread</i>
	4MM x 1/8 4MM x 1/4 5MM x 1/8 5MM x 1/4 6 e 6,4MM x 1/8 6 e 6,4MM x 1/4 6 e 6,4MM x 3/8 8MM x 1/8 8MM x 1/4 8MM x 3/8 9,5 e 10MM x 1/8 9,5 e 10MM x 1/4 12 e 12,7MM x 3/8 12 e 12,7MM x 1/2 12 e 12,7MM x 3/4 14 e 15MM x 3/8 14 e 15MM x 1/2 14 e 15MM x 3/4 16MM x 3/8 16MM x 1/2	16MM x 3/4 18MM x 3/8 18MM x 1/2 19MM x 1/2 19MM x 3/4 20MM x 1/2 20MM x 3/4 22MM x 3/4 22MM x 1 25 e 25,4MM x 3/4 25 e 25,4 x 1 28MM x 3/4 28MM x 1 30 e 32MM x 1 30 e 32MM x 1 1/4 35 MM x 1 35MM x 1 1/4 38MM x 1 1/4 38MM x 1 1/2 42MM x 1 1/2

1205

Joelho Macho <i>Knee Male</i> <i>Rodilla Macho</i>	Tube x Rosca <i>Tube x Thread</i>	Tube x Rosca <i>Tube x Thread</i>	Tube x Rosca <i>Tube x Thread</i>
	4MM x 1/8 NPT 4MM x 1/4 NPT 5MM x 1/8 NPT 5MM x 1/4 NPT 6 e 6,4MM x 1/8 NPT 6 e 6,4MM x 1/4 NPT 6 e 6,4MM x 3/8 NPT 6 e 6,4MM x 1/2 NPT 8MM x 1/8 NPT 8MM x 1/4 NPT 8MM x 3/8 NPT 8MM x 1/2 NPT 9,5 e 10MM x 1/8 NPT 9,5 e 10MM x 1/4 NPT 9,5 e 10MM x 3/8 NPT 9,5 x 10MM x 1/2 NPT	12 e 12,7MM x 3/8 NPT 12 e 12,7MM x 1/2 NPT 12 e 12,7MM x 3/4 NPT 14 e 15MM x 1/4 NPT 14 e 15MM x 3/8 NPT 14 e 15MM x 1/2 NPT 16MM x 1/4 NPT 16MM x 3/8 NPT 16MM x 1/2 NPT 16MM x 3/4 NPT 18MM x 3/8 NPT 18MM x 1/2 NPT 18MM x 3/4 NPT 19MM x 3/8 NPT 19MM x 1/2 NPT 19MM x 3/4 NPT	20MM x 3/8 NPT 20MM x 1/2 NPT 20MM x 3/4 NPT 22MM x 1/2 NPT 22MM x 3/4 NPT 22MM x 1 NPT 25 e 25,4MM x 3/4 NPT 25 e 25,4MM x 1 NPT 28MM x 3/4 NPT 28MM x 1 NPT 30 e 32MM x 1 NPT 30 x 32MM x 1 1/4 NPT 35MM x 1 NPT 35MM x 1 1/4 NPT 38MM x 1 1/2 NPT 42MM x 1 1/2 NPT

1206

Joelho Macho <i>Knee Male</i> <i>Rodilla Macho</i>	Tube x Thread <i>Tube x Thread</i>	Tube x Thread <i>Tube x Thread</i>	Tube x Thread <i>Tube x Thread</i>
	4MM x 1/8 BSP 4MM x 1/4 BSP 5MM x 1/8 BSP 5MM x 1/4 BSP 6 e 6,4MM x 1/8 BSP 6 e 6,4MM x 1/4 BSP 6 e 6,4MM x 3/8 BSP 6 e 6,4MM x 1/2 BSP 8MM x 1/8 BSP 8MM x 1/4 BSP 8MM x 3/8 BSP 8MM x 1/2 BSP 9,5 e 10MM x 1/8 BSP 9,5 e 10MM x 1/4 BSP 9,5 e 10MM x 3/8 BSP 9,5 x 10MM x 1/2 BSP	12 e 12,7MM x 3/8 BSP 12 e 12,7MM x 1/2 BSP 12 e 12,7MM x 3/4 BSP 14 e 15MM x 1/4 BSP 14 e 15MM x 3/8 BSP 14 e 15MM x 1/2 BSP 16MM x 1/4 BSP 16MM x 3/8 BSP 16MM x 1/2 BSP 16MM x 3/4 BSP 18MM x 3/8 BSP 18MM x 1/2 BSP 18MM x 3/4 BSP 19MM x 3/8 BSP 19MM x 1/2 BSP 19MM x 3/4 BSP	20MM x 3/8 BSP 20MM x 1/2 BSP 20MM x 3/4 BSP 22MM x 1/2 BSP 22MM x 3/4 BSP 22MM x 1 BSP 25 e 25,4MM x 3/4 BSP 25 e 25,4MM x 1 BSP 28MM x 3/4 BSP 28MM x 1 BSP 30 e 32MM x 1 BSP 30 x 32MM x 1 1/4 BSP 35MM x 1 BSP 35MM x 1 1/4 BSP 38MM x 1 1/2 BSP 42MM x 1 1/2 BSP
1206B			

Joelho União <i>Union Knee</i> <i>Rodilla/ Unión</i>	P/Tube <i>Tube Of</i>
	4 MM 5 MM 6 e 6,4 MM 8 MM 9,5 e 10 MM 12 e 12,7 MM 14 MM 15 MM 16 MM 18 MM 19 MM 20 MM 22 MM 25 e 25,4 MM 28 MM 30 e 32 MM 35 MM 38 MM 42 MM
1207	

Tee Macho Central <i>Tee Male Central</i> <i>Tee Macho Central</i>	Tube x Thread <i>Tube x Thread</i>	Tube x Thread <i>Tube x Thread</i>
	4MM x 1/8 NPT 4MM x 1/4 NPT 5MM x 1/8 NPT 5MM x 1/4 NPT 6 e 6,4MM x 1/8 6 e 6,4MM x 1/4 6 e 6,4MM x 3/8 8MM x 1/8 NPT 8MM x 1/4 NPT 8MM x 3/8 NPT 9,5 e 10MM x 1/8 9,5 e 10MM x 1/4 12 e 12,7MM x 3/8 12 e 12,7MM x 1/2 12 e 12,7MM x 3/4 14 e 15MM x 3/8 14 e 15MM x 1/2 14 e 15MM x 3/4 16MM x 3/8 NPT 16MM x 1/2 NPT	16MM x 3/4 NPT 18MM x 3/8 NPT 18MM x 1/2 NPT 19MM x 1/2 NPT 19MM x 3/4 NPT 20MM x 1/2 NPT 20MM x 3/4 NPT 22MM x 3/4 NPT 22MM x 1 NPT 25 e 25,4MM x 3/4 25 e 25,4 x 1 NPT 28MM x 3/4 NPT 28MM x 1 NPT 30 e 32MM x 1 NPT 30 e 32MM x 1 1/4 35 MM x 1 NPT 35MM x 1 1/4 NPT 38MM x 1 1/4 NPT 38MM x 1 1/2 NPT 42MM x 1 1/2 NPT
1210		

Tee Macho Central <i>Tee Male Central</i> <i>Tee Macho Central</i>	Tube x Thread <i>Tube x Thread</i>	Tube x Thread <i>Tube x Thread</i>
	4MM x 1/8 BSP 4MM x 1/4 BSP 5MM x 1/8 BSP 5MM x 1/4 BSP 6 e 6,4MM x 1/8 BSP 6 e 6,4MM x 1/4 BSP 6 e 6,4MM x 3/8 BSP 8MM x 1/8 BSP 8MM x 1/4 BSP 8MM x 3/8 BSP 9,5 e 10MM x 1/8 BSP 9,5 e 10MM x 1/4 BSP 12 e 12,7MM x 3/8 BSP 12 e 12,7MM x 1/2 BSP 12 e 12,7MM x 3/4 BSP 14 e 15MM x 3/8 BSP 14 e 15MM x 1/2 BSP 14 e 15MM x 3/4 BSP 16MM x 3/8 BSP 16MM x 1/2 BSP	16MM x 3/4 BSP 18MM x 3/8 BSP 18MM x 1/2 BSP 19MM x 1/2 BSP 19MM x 3/4 BSP 20MM x 1/2 BSP 20MM x 3/4 BSP 22MM x 3/4 BSP 22MM x 1 BSP 25 e 25,4MM x 3/4 BSP 25 e 25,4 x 1 BSP 28MM x 3/4 BSP 28MM x 1 BSP 30 e 32MM x 1 BSP 30 e 32MM x 1 1/4 BSP 35 MM x 1 BSP 35MM x 1 1/4 BSP 38MM x 1 1/4 BSP 38MM x 1 1/2 BSP 42MM x 1 1/2 BSP
1210B		

Tee Macho Lateral <i>Tee Male Side</i> <i>Tee Macho Lateral</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	4MM x 1/8 NPT 4MM x 1/4 NPT 5MM x 1/8 NPT 5MM x 1/4 NPT 6 e 6,4MM x 1/8 NPT 6 e 6,4MM x 1/4 NPT 6 e 6,4MM x 3/8 NPT 8MM x 1/8 NPT 8MM x 1/4 NPT 8MM x 3/8 NPT 9,5 e 10MM x 1/8 NPT 9,5 e 10MM x 1/4 NPT 12 e 12,7MM x 3/8 NPT 12 e 12,7MM x 1/2 NPT 12 e 12,7MM x 3/4 NPT 14 e 15MM x 3/8 NPT 14 e 15MM x 1/2 NPT 14 e 15MM x 3/4 NPT 16MM x 3/8 NPT 16MM x 1/2 NPT	16MM x 3/4 NPT 18MM x 3/8 NPT 18MM x 1/2 NPT 19MM x 1/2 NPT 19MM x 3/4 NPT 20MM x 1/2 NPT 20MM x 3/4 NPT 22MM x 3/4 NPT 22MM x 1 NPT 25 e 25,4MM x 3/4 NPT 25 e 25,4 x 1 NPT 28MM x 3/4 NPT 28MM x 1 NPT 30 e 32MM x 1 NPT 30 e 32MM x 1 1/4 NPT 35 MM x 1 NPT 35MM x 1 1/4 NPT 38MM x 1 1/4 NPT 38MM x 1 1/2 NPT 42MM x 1 1/2 NPT
1211		

Tee Macho Lateral <i>Tee Male Side</i> <i>Tee Macho Lateral</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	4MM x 1/8 BSP 4MM x 1/4 BSP 5MM x 1/8 BSP 5MM x 1/4 BSP 6 e 6,4MM x 1/8 BSP 6 e 6,4MM x 1/4 BSP 6 e 6,4MM x 3/8 BSP 8MM x 1/8 BSP 8MM x 1/4 BSP 8MM x 3/8 BSP 9,5 e 10MM x 1/8 BSP 9,5 e 10MM x 1/4 BSP 12 e 12,7MM x 3/8 BSP 12 e 12,7MM x 1/2 BSP 12 e 12,7MM x 3/4 BSP 14 e 15MM x 3/8 BSP 14 e 15MM x 1/2 BSP 14 e 15MM x 3/4 BSP 16MM x 3/8 BSP 16MM x 1/2 BSP	16MM x 3/4 BSP 18MM x 3/8 BSP 18MM x 1/2 BSP 19MM x 1/2 BSP 19MM x 3/4 BSP 20MM x 1/2 BSP 20MM x 3/4 BSP 22MM x 3/4 BSP 22MM x 1 BSP 25 e 25,4MM x 3/4 BSP 25 e 25,4 x 1 BSP 28MM x 3/4 BSP 28MM x 1 BSP 30 e 32MM x 1 BSP 30 e 32MM x 1 1/4 BSP 35 MM x 1 BSP 35MM x 1 1/4 BSP 38MM x 1 1/4 BSP 38MM x 1 1/2 BSP 42MM x 1 1/2 BSP
1211B		

Tee União <i>Union Tee</i> <i>Tee Unión</i>	P/Tubo <i>Tube Of</i>
	4 MM 5 MM 6 e 6,4 MM 8 MM 9,5 e 10 MM 12 e 12,7 MM 14 MM 15 MM 16 MM 18 MM 19 MM 20 MM 22 MM 25 e 25,4 MM 28 MM 30 e 32 MM 35 MM 38 MM 42 MM
1212	

**Linha
1500**

Conexões Instantâneas Latão Polegada

Instant Connections Brass Inch
Conexiones Instantânea Brass Pulgadas

Uniões e plugs em latão CLA (Liga UNS - C3600 TM).

CLA Brass Fittings and Plugs (UNS - C3600 TM Alloy).

Accesorios y tapones de latón CLA (UNS - Aleación C3600 TM).

Tees e cotovelos forjados em latão (Liga UNS - C37700 - TM).

Forged Brass Tees and Elbows (UNS Alloy - C37700 - TM).

Tees y codos de latón forjado (UNS Alloy - C37700 - TM).

Ideal para tubos de nylon, polietileno, cobre recozido mole e tubos de alumínio mole, Vedação em anéis de o'ring.

Ideal for nylon, polyethylene, soft annealed copper and soft aluminum tubing, O-ring sealing.

Ideal para nylon, polietileno, cobre recocado blando y tubos de aluminio blando, sellado de juntas tóricas.

Recomendado para pressão de trabalho de até 750/pol², ou pressão máxima do tubo plástico.

Recommended for working pressure up to 750 / in², or maximum plastic pipe pressure.

Recomendado para presiones de trabajo de hasta 750 / in², o presión máxima de tubería de plástico.

Não necessita uso de ferramentas bastando apenas empurrar o tubo para dentro. Para soltar segure a luva frezada e puxe o tubo. Não possui partes em material plástico, quanto maior a tração do tubo, melhor a fixação.

No tools required just push the tube in. To loosen hold the braided glove and pull the tube. It has no plastic parts, the greater the traction of the pipe, the better the fixation.

No se requieren herramientas, solo empuje el tubo. Para aflojar sostenga el guante trenzado y tirar del tubo. No tiene piezas de plástico, cuanto mayor es la tracción de la tubería, mejor es la fijación.

Conector Macho <i>Male Connector</i> <i>Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>
 1503	1/4 x 1/8 NPT
	1/4 x 1/4 NPT
	1/4 x 3/8 NPT
	1/4 x 1/2 NPT
	5/16 x 1/8 NPT
	5/16 x 1/4 NPT
	5/16 x 3/8 NPT
	5/16 x 1/2 NPT
	3/8 x 1/8 NPT
	3/8 x 1/4 NPT
	3/8 x 3/8 NPT
	3/8 x 1/2 NPT
	1/2 x 1/4 NPT
	1/2 x 3/8 NPT
1/2 x 1/2 NPT	

União <i>Union / Unión</i>	P/Tubo <i>Tube Of</i>
 1504	1/4
	5/16
	3/8
	1/2

União Redução <i>Reducing Union</i> <i>Unión Reducida</i>	P/Tubo <i>Tube Of</i>
 1504R	5/16 x 1/4
	3/8 x 1/4
	3/8 x 5/16
	1/2 x 1/4
	1/2 x 5/16
1/2 x 3/8	

Conector Fêmea <i>Female Connector</i> <i>Conector Hembra</i>	Tubo x Rosca <i>Tube x Thread</i>
 1505	1/4 x 1/8 NPT
	1/4 x 1/4 NPT
	1/4 x 3/8 NPT
	1/4 x 1/2 NPT
	5/16 x 1/8 NPT
	5/16 x 1/4 NPT
	5/16 x 3/8 NPT
	5/16 x 1/2 NPT
	3/8 x 1/8 NPT
	3/8 x 1/4 NPT
	3/8 x 3/8 NPT
	3/8 x 1/2 NPT
	1/2 x 1/4 NPT
	1/2 x 3/8 NPT
	1/2 x 1/2 NPT



Cotovelo Macho Fixo <i>Elbow Male Fixed</i> <i>Codo Hombre Fijo</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 5/16 x 1/2 NPT	3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
1506		

Tee M. Central Giratório <i>Tee Male Central Rotary</i> <i>Tee Hombre Central Rotary</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 5/16 x 1/2 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
1510G	

Cotovelo M. Giratório <i>Elbow Male Rotary</i> <i>Codo Hombre Giratório</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 5/16 x 1/2 NPT	3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
1506G		

Tee M. Lateral Fixo <i>Tee Male Side Fixed</i> <i>Tee Hombre Lateral Fijo</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 5/16 x 1/2 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
1511	

Cotovelo União <i>Union Elbow</i> <i>Codo Unión</i>	P/Tubo <i>Tube Of</i>
	1/4 5/16 3/8 1/2
1507	

Tee M. Lateral Giratório <i>Tee Male Side Rotary</i> <i>Tee Hombre Lateral Rotary</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 5/16 x 1/2 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
1511G	

Tee M. Central Fixo <i>Tee Male Central Fixed</i> <i>Tee Hombre Central Fijo</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 1/4 x 1/2 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 5/16 x 1/2 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
1510	

Tee União <i>Union Tee</i> <i>Tee Unión</i>	P/Tubo <i>Tube Of</i>
	1/4 5/16 3/8 1/2
1512	

Conexões Instantâneas Latão em Milímetro

Instant Connections Brass in Millimeter

Conexiones instantâneas Latón en milímetros

Conector Macho <i>Male Connector</i> <i>Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>
 1503B	6MM x 1/8 BSP
	6MM x 1/4 BSP
	6MM x 3/8 BSP
	6MM x 1/2 BSP
	8MM x 1/8 BSP
	8MM x 1/4 BSP
	8MM x 3/8 BSP
	10MM x 1/8 BSP
	10MM x 1/4 BSP
	10MM x 3/8 BSP
	10MM x 1/2 BSP
	12MM x 1/4 BSP
	12MM x 3/8 BSP
	12MM x 1/2 BSP

União <i>Union / Unión</i>	P/Tubo <i>Tube Of</i>
 1504	6MM
	8MM
	10MM
	12MM
	16MM

União Redução <i>Reducing Union</i> <i>Unión Reducida</i>	P/Tubo <i>Tube Of</i>
 1504R	8MM x 6MM
	10MM x 6MM
	10MM x 8MM
	12MM x 8MM
	12MM x 10MM

Conector Fêmea <i>Female Connector</i> <i>Conector Hembra</i>	Tubo x Rosca <i>Tube x Thread</i>
 1505B	6MM x 1/8 BSP
	6MM x 1/4 BSP
	6MM x 3/8 BSP
	6MM x 1/2 BSP
	8MM x 1/8 BSP
	8MM x 1/4 BSP
	8MM x 3/8 BSP
	10MM x 1/8 BSP
	10MM x 1/4 BSP
	10MM x 3/8 BSP
	10MM x 1/2 BSP
	12MM x 1/4 BSP
	12MM x 3/8 BSP
	12MM x 1/2 BSP

Cotovelo M. Giratório <i>Elbow Male Rotary</i> <i>Codo Hombre Giratório</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
 1506GB	6MM x 1/8 BSP	10MM x 1/8 BSP
	6MM x 1/4 BSP	10MM x 1/4 BSP
	6MM x 3/8 BSP	10MM x 3/8 BSP
	6MM x 1/2 BSP	10MM x 1/2 BSP
	8MM x 1/8 BSP	12MM x 1/4 BSP
	8MM x 1/4 BSP	12MM x 3/8 BSP
	8MM x 3/8 BSP	12MM x 1/2 BSP

Cotovelo União <i>Union Elbow</i> <i>Codo Unión</i>	P/Tubo <i>Tube Of</i>
 1507	6MM
	8MM
	10MM
	12MM
	16MM

Tee M. Central Giratório <i>Tee Male Central Rotary</i> <i>Tee Hombre Central Rotary</i>	Tubo x Rosca <i>Tube x Thread</i>
 1510GB	6MM x 1/8 BSP
	6MM x 1/4 BSP
	8MM x 1/8 BSP
	8MM x 1/4 BSP
	10MM x 1/8 BSP
	10MM x 1/4 BSP
	10MM x 3/8 BSP
	12MM x 1/4 BSP
	12MM x 3/8 BSP
	12MM x 1/2 BSP

Tee M. Lateral Giratório <i>Tee Male Side Rotary</i> <i>Tee Hombre Lateral Rotary</i>	Tubo x Rosca <i>Tube x Thread</i>
 1511GB	6MM x 1/8 BSP
	6MM x 1/4 BSP
	8MM x 1/8 BSP
	8MM x 1/4 BSP
	10MM x 1/8 BSP
	10MM x 1/4 BSP
	10MM x 3/8 BSP
	12MM x 1/4 BSP
	12MM x 3/8 BSP
	12MM x 1/2 BSP

Tee União <i>Union Tee</i> <i>Tee Unión</i>	P/Tubo <i>Tube Of</i>
 1512	6MM
	8MM
	10MM
	12MM
	16MM



**Linha
1600**

Conexões Instantâneas Plásticas Polegada

Inch Plastic Instant Connections

Conexiones instantâneas de plástico en pulgadas

As Conexões instantâneas (plásticas) são indicadas para automação pneumática.

Instantaneous connections (plastic) are indicated for pneumatic automation.

Las conexiones instantâneas (plástico) están indicadas para la automatización neumática.

Usadas em varias medidas de tubos em polegada com rosca BSP ou BSPT. Mesmo após a instalação, o sentido de tubo pode ser mudado livremente.

Used in various inch pipe sizes with BSP or BSPT thread. Even after installation, the pipe direction can be changed freely.

Se utiliza en varios tamaños de tubería en pulgadas con rosca BSP o BSPT. Incluso después de la instalación, la dirección de la tubería se puede cambiar libremente.

Recebem tratamento de banho níquel as peças metálicas.

They receive nickel bath treatment the metal parts.

Reciben tratamiento de baño de níquel las partes metálicas.

Recomendado para pressão de trabalho de até 0 a 150 libras/pol², suportam temperaturas entre 0 a 60°C.

Recommended for working pressure up to 0 to 150 lbs / in², withstand temperatures between 0 to 60°C.

Recomendado para presiones de trabajo de hasta 0 a 150 lbs / in², soporta temperaturas entre 0 y 60°C.

<p>Conector Macho <i>Male Connector</i> <i>Conector Macho</i></p>	<p>Tubo x Rosca <i>Tube x Thread</i></p>	<p>Conector Fêmea <i>Female Connector</i> <i>Conector Hembra</i></p>	<p>Tubo x Rosca <i>Tube x Thread</i></p>
 <p>1603 (PC)</p>	<p>1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT</p>	 <p>1605 (PCF)</p>	<p>1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT</p>
<p>União <i>Union / Unión</i></p>	<p>P/Tubo <i>Tube Of</i></p>	<p>Cotovelo Macho <i>Elbow Male</i> <i>Codo Hombre</i></p>	<p>Tubo x Rosca <i>Tube x Thread</i></p>
 <p>1604 (PUC)</p>	<p>1/4 5/16 3/8 1/2</p>	 <p>1606G (PL)</p>	<p>1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT</p>
<p>União Redução <i>Reducing Union</i> <i>Unión Redicida</i></p>	<p>P/Tubo <i>Tube Of</i></p>	<p>Cotovelo União <i>Union Elbow</i> <i>Codo Unión</i></p>	<p>P/Tubo <i>Tube Of</i></p>
 <p>1604R (PG)</p>	<p>5/16 x 1/4 3/8 x 1/4 3/8 x 5/16 1/2 x 1/4 1/2 x 5/16 1/2 x 3/8</p>	 <p>1607 (PUL)</p>	<p>1/4 5/16 3/8 1/2</p>



Tee M. Central Gir. <i>Tee Male Rotary Central</i> <i>Tee Hombre Rotary Central</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
1610 (PT)	

Y Macho Giratório <i>Y Swivel Male</i> <i>Macho giratorio en Y</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
1613 (PWT)	

Tee M. Laterl Gir. <i>Tee Male Rotary Side</i> <i>Tee Hombre Rotary Lateral</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
1611 (PT)	

Y União <i>Union Y</i> <i>Y Unión</i>	P/Tubo <i>Tube Of</i>
	1/4 5/16 3/8 1/2
1614 (PY)	

Tee União <i>Union Tee</i> <i>Tee Unión</i>	P/Tubo <i>Tube Of</i>
	1/4 5/16 3/8 1/2
1612 (PUT)	

Y União Redução <i>Reducing Union Y</i> <i>Y Unión Reducida</i>	P/Tubo <i>Tube Of</i>
	5/16 x 1/4 3/8 x 1/4 3/8 x 5/16 1/2 x 5/16 1/2 x 3/8
1614R (PW)	

Tee União Redução <i>Reducing Union Tee</i> <i>Tee Unión Reducida</i>	P/Tubo <i>Tube Of</i>
	5/16 x 1/4 3/8 x 1/4 3/8 x 5/16 1/2 x 5/16 1/2 x 3/8
1612R (PTG)	

União Painel <i>Panel Union</i> <i>Unión Panel</i>	P/Tubo <i>Tube Of</i>
	1/4 5/16 3/8 1/2
1615 (PMM)	

Passa Painel <i>Pass Panel</i> <i>Panel Pass</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
1616 (PMF)	

Cruzeta União <i>Crosshead Tee</i> <i>Cruceta Unión</i>	P/Tubo <i>Tube Of</i>
	1/4 5/16 3/8 1/2
1617 (PZA)	

Regulador de Fluxo <i>Regulador Flow</i> <i>Flujo Regulador</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 NPT 1/4 x 1/4 NPT 1/4 x 3/8 NPT 5/16 x 1/8 NPT 5/16 x 1/4 NPT 5/16 x 3/8 NPT 3/8 x 1/8 NPT 3/8 x 1/4 NPT 3/8 x 3/8 NPT 3/8 x 1/2 NPT 1/2 x 1/4 NPT 1/2 x 3/8 NPT 1/2 x 1/2 NPT
1620 (NSE)	

Regulador TB/TB <i>Regulator TB/TB</i> <i>TB regulador / TB</i>	P/Tubo <i>Tube Of</i>
	1/4 5/16 3/8 1/2
1621 (NSF)	

Silenciador Mini <i>Silencer Mini</i> <i>Silenciador Mini</i>	P/Tubo <i>Tube Of</i>
	1/4 5/16 3/8 1/2
1618 (BSLM)	

Silenciador Cônico <i>Conical Silencer</i> <i>Silenciador Cônico</i>	P/Tubo <i>Tube Of</i>
	1/4 5/16 3/8 1/2
1623 (BSL)	

Conexões Instantâneas Plásticas Milímetro - BSP e BSPT

Plastic Instant Connections Millimeter BSP and BSPT

Conexiones instantaneas de plastico
Milímetro - BSP y BSPT

Conector Macho <i>Male Connector</i> <i>Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	4MM x M5p0,8 4MM x M6p0,8 4MM x 1/8 4MM x 1/4 4MM x 3/8 6MM x M5p0,8 6MM x M6p0,8 6MM x 1/8 6MM x 1/4 6MM x 3/8 6MM x 1/2 8MM x 1/8	8MM x 1/4 8MM x 3/8 8MM x 1/2 10MM x 1/8 10MM x 1/4 10MM x 3/8 10MM x 1/2 12MM x 1/4 12MM x 3/8 12MM x 1/2 16MM x 3/8 16MM x 1/2
1603 e 1603B (PC)		

União <i>Union / Unión</i>	P/Tubo <i>Tube Of</i>
	4MM 6MM 8MM 10MM 12MM 16MM
1604 (PUC)	

União Redução <i>Reducing Union</i> <i>Unión Redicida</i>	P/Tubo <i>Tube Of</i>
	6MM x 4MM 8MM x 6MM 10MM x 6MM 10MM x 8MM 12MM x 8MM 12MM x 10MM 16MM x 10MM 16MM x 12MM
1604R (PG)	

Tee M. Central Gir. <i>Tee Male Rotary Central</i> <i>Tee Hombre Rotary Central</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	4MM x 1/8 4MM x 1/4 6MM x 1/8 6MM x 1/4 6MM x 3/8 6MM x 1/2 8MM x 1/8 8MM x 1/4 8MM x 3/8	8MM x 1/2 10MM x 1/8 10MM x 1/4 10MM x 3/8 10MM x 1/2 12MM x 1/4 12MM x 3/8 12MM x 1/2
1610 e 1610GB (PT)		

Conector Fêmea <i>female Connector</i> <i>Conector Hembra</i>	P/Tubo <i>Tube Of</i>
	4MM x 1/8 4MM x 1/4 4MM x 3/8 6MM x 1/8 6MM x 1/4 6MM x 3/8 8MM x 1/8 8MM x 1/4 8MM x 3/8 8MM x 1/2 10MM x 1/8 10MM x 1/4 10MM x 3/8 10MM x 1/2 12MM x 1/4 12MM x 3/8 12MM x 1/2
1605 e 1605B (PCF)	

Tee M. Laterl Gir. <i>Tee Male Rotary Side</i> <i>Tee Hombre Rotary Lateral</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	4MM x 1/8 4MM x 1/4 6MM x 1/8 6MM x 1/4 6MM x 3/8 8MM x 1/8 8MM x 1/4 8MM x 3/8	8MM x 1/2 10MM x 1/8 10MM x 1/4 10MM x 3/8 10MM x 1/2 12MM x 1/4 12MM x 3/8 12MM x 1/2
1611 e 1611GB (PST)		

Cotovelo M. Giratório <i>Elbow Male Rotary</i> <i>Codo Hombre Giratorio</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	4MM x M5p0,8 4MM x M6p0,8 4MM x 1/8 4MM x 1/4 6MM x M5p0,8 6MM x M6p0,8 6MM x 1/8 6MM x 1/4 6MM x 3/8 6MM x 1/2 8MM x 1/8 8MM x 1/4	8MM x 3/8 8MM x 1/2 10MM x 1/8 10MM x 1/4 10MM x 3/8 10MM x 1/2 12MM x 1/4 12MM x 3/8 12MM x 1/2 16MM x 3/8 16MM x 1/2
1606 e 1606GB (PL)		

Tee União <i>Union Tee</i> <i>Tee Unión</i>	P/Tubo <i>Tube Of</i>
	4MM 6MM 8MM 10MM 12MM 16MM
1604 (PUC)	

Cotovelo União <i>Union Elbow</i> <i>Codo Unión</i>	P/Tubo <i>Tube Of</i>
	4MM 6MM 8MM 10MM 12MM 16MM
1607 (PUL)	

Tee União Redução <i>Reducing Union Tee</i> <i>Tee Unión Reducida</i>	P/Tubo <i>Tube Of</i>
	6MM x 4MM 8MM x 6MM 10MM x 6MM 10MM x 8MM 12MM x 8MM 12MM x 10MM 16MM x 10MM 16MM x 12MM
1604R (PG)	

Y Macho Giratório <i>Y Swivel Male</i> <i>Macho giratorio en Y</i>	Tubo x Rosca <i>Tube x Thread</i>
 <p>1613 e 1613GB(PWT)</p>	4MM x 1/8
	4MM x 1/4
	6MM x 1/8
	6MM x 1/4
	6MM x 3/8
	8MM x 1/8
	8MM x 1/4
	8MM x 3/8
	10MM x 1/8
	10MM x 1/4
	10MM x 3/8
	12MM x 1/4
	12MM x 3/8
	12MM x 1/2

Regulador TB/TB <i>Regulator TB/TB</i> <i>TB regulador / TB</i>	P/Tubo <i>Tube Of</i>
 <p>1621 (NSF)</p>	4MM
	6MM
	8MM
	10MM
	12MM
	16MM

Y União <i>Union Y</i> <i>Y Unión</i>	P/Tubo <i>Tube Of</i>
 <p>1614 (PY)</p>	4MM
	6MM
	8MM
	10MM
	12MM
	16MM

Cruzeta União <i>Crosshead Tee</i> <i>Cruceta Unión</i>	P/Tubo <i>Tube Of</i>
 <p>1617 (PZA)</p>	4MM
	6MM
	8MM
	10MM
	12MM
	16MM

Regulador de Fluxo <i>Regulador Flow</i> <i>Flujo Regulador</i>	Tubo x Rosca <i>Tube x Thread</i>
 <p>1620 e 1620B (NSE)</p>	4MM x M5p0,8
	4MM x 1/4
	6MM x M5p08
	6MM x 1/8
	6MM x 1/4
	6MM x 3/8
	8MM x 1/8
	8MM x 1/4
	8MM x 3/8
	8MM x 1/2
	10MM x 1/8
	10MM x 1/4
	10MM x 3/8
	12MM x 1/4
	12MM x 3/8
12MM x 1/2	

Linha 1700

Conexões Engate Rápido Milímetro

Connections Quick Coupler Millimeter

Conexiones Acoplador rápido Milímetro

Unhões, porcas e luvas frezadas em latão extrudado (CLA - 360)
 Brass Extruded Brass Joints, Nuts, and Gloves (CLA - 360)
 Juntas, tuercas y guantes de latón extruido de latón (CLA - 360)

Cotovelos e tees em latão forjado (CLA - 377)
 Forged Brass Elbows and Tees (CLA - 377)
 Codos y camisetas de latón forjado (CLA - 377)

Conexões desenvolvidas para atender sistemas de freio de acordo com as normas SAEJ1402, J1644 e ISO 9227.
 Connections designed to service brake systems in accordance with SAEJ1402, J1644 and ISO 9227 standards.
 Conexiones diseñadas para dar servicio a los sistemas de frenos de acuerdo con las normas SAEJ1402, J1644 e ISO 9227.

Não possui partes de materiais plásticos, não necessita o uso de ferramentas e quanto maior a tração do tubo, melhor a fixação.
 It has no plastic parts, no tools required and the higher the tube pull the better the fixation.
 No tiene piezas de plástico, no se requieren herramientas y cuanto más alto jale el tubo, mejor La fijación.

Pressão de trabalho de acordo com a pressão máxima do tubo de poiamida (Nylon)
 Working pressure according to the maximum pressure of the Piamide (Nylon) tube
 Presión de trabajo según la presión máxima del tubo Piamide (Nylon)

Linha vendida com lote mínimo de 20 pçs cada
Sold online with minimum lot of 20 each
 Vendido en línea con lote mínimo de 20 piezas cada una

<p>Conector Macho <i>Male Connector</i> <i>Conector Macho</i></p>  <p>1703</p>	<p>Tubo x Rosca <i>Tube x Thread</i></p> <p>6MM x M10 6MM x M12 6MM x M16 8MM x M12 8MM x M16 8MM x M22 10MM x M12 10MM x M16 10MM x M22 12MM x M12 12MM x M16</p>	<p>Tubo x Rosca <i>Tube x Thread</i></p> <p>12MM x M22 16MM x M16 16MM x M22 8MM x 1/4 NPT 8MM x 3/8 NPT 8MM x 1/2 NPT 10MM x 1/4 NPT 10MM x 3/8 NPT 12MM x 1/4 NPT 12MM x 3/8 NPT 16MM x 1/4 NPT</p>	<p>União Redução <i>Reducing Union</i> <i>Unión Reducida</i></p>  <p>1704R</p>	<p>P/Tubo <i>Tube Of</i></p> <p>8MM x 6MM 10 MM x 8MM 12MM x 8 MM 12MM x 10MM 16MM x 8MM 16MM x 10MM 16MM x 12MM</p>
<p>União <i>Union / Unión</i></p>  <p>1704</p>	<p>P/Tubo <i>Tube Of</i></p> <p>6MM 8MM 10MM 12MM 16MM</p>	<p>Cotovelo Macho <i>Elbow Male</i> <i>Codo Hombre</i></p>  <p>1706</p>	<p>Tubo x Rosca <i>Tube x Thread</i></p> <p>6MM x M10 6MM x M12 6MM x M16 8MM x M12 8MM x M16 8MM x M22 10MM x M12 10MM x M16 10MM x M22 12MM x M12</p>	<p>Tubo x Rosca <i>Tube x Thread</i></p> <p>12MM x M16 12MM x M22 16MM x M16 16MM x M22 8MM x 1/4 NPT 8MM x 3/8 NPT 8MM x 1/2 NPT 10MM x 1/4 NPT 12MM x 1/4 NPT</p>
<p>Tee Macho Central <i>Tee Male Central</i> <i>Tee Hombre Central</i></p>  <p>1710</p>	<p>Tubo x Rosca <i>Tube x Thread</i></p> <p>6MM x M12 6MM x M16 8MM x M12 8MM x M16 10MM x M16 10MM x M22 12MM x M16 12MM x M22 16MM x M16 16MM x M22</p>	<p>Tee Macho Lateral <i>Tee Male Side</i> <i>Tee Hombre Lateral</i></p>  <p>1711</p>	<p>Tubo x Rosca <i>Tube x Thread</i></p> <p>6MM x M12 6MM x M16 8MM x M12 8MM x M16 10MM x M16 10MM x M22 12MM x M16 12MM x M22 16MM x M16 16MM x M22</p>	

Tee União <i>Union Tee</i> <i>Tee Unión</i>	P/Tubo <i>Tube Of</i>
	6MM 8MM 10MM 12MM 16MM
1712	

União <i>Union / Unión</i>	P/Tubo <i>Tube Of</i>
	1/4 5/16 3/8 1/2 5/8
1704	

União Anteparo Randon <i>Bulkhead Union Randon</i> <i>Mamparo Unión Randon</i>	Tubo x Rosca <i>Tube x Thread</i>
	8MM x M16 10MM x M16 12MM x M16 10MM x 1/2
1713	

Cotovelo Macho <i>Elbow Male</i> <i>Codo Hombre</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2	1/4 x M12 1/4 x M16 3/8 x M12 3/8 x M16 3/8 x M22 1/2 x M12 1/2 x M16 1/2 x M22 5/8 x M16 5/8 x M22
1706		

Tee Tubo Latelal <i>Tee Tube Side</i> <i>Tee Tubo Lado</i>	Tubo x Rosca <i>Tube x Thread</i>
	6MM x M16 8MM x M16 10MM x M16 12MM x M16 16MM x M16
1714	

Tee Macho Central <i>Tee Male Central</i> <i>Tee Hombre Central</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2
1710	

União Anteparo <i>Bulkhead Union</i> <i>Mamparo Unión</i>	Tubo x Rosca <i>Tube x Thread</i>
	8MM x M16 10MM x M16 12MM x M16 16MM x M16
1715	

Tee Macho Lateral <i>Tee Male Side</i> <i>Tee Hombre Lateral</i>	Tubo x Rosca <i>Tube x Thread</i>
	3/8 x 3/8
1711	

Conexões Engate Rápido Polegada

Connections Quick Coupler Inch

Conexiones Acoplamiento Rápido pulgadas

Conector Macho <i>Male Connector</i> <i>Conector Macho</i>	Tubo x Rosca <i>Tube x Thread</i>	Tubo x Rosca <i>Tube x Thread</i>
	1/4 x 1/8 1/4 x 1/4 5/16 x 1/8 5/16 x 1/4 3/8 x 1/8 3/8 x 1/4 3/8 x 3/8 1/2 x 1/4 1/2 x 3/8 1/2 x 1/2	1/4 x M12 1/4 x M16 3/8 x M12 3/8 x M16 3/8 x M22 1/2 x M12 1/2 x M16 1/2 x M22 5/8 x M16 5/8 x M22
1703		

Tee União <i>Union Tee</i> <i>Tee Unión</i>	P/Tubo <i>Tube Of</i>
	1/4 5/16 3/8 1/2 5/8
1712	

Válvulas de agulha, para baixa pressão, tipo angular.

Needle valves, low pressure, angular type.

Las válvulas de aguja, bajo presión, tipo angular.

Corpo forjado em latão (Liga UNS-C37700-TM) que proporcionam maior dureza e resistência contra golpes, choques mecânicos e vibrações, com absoluta inexistência de porosidade e trincas.

Forged brass body (Alloy UNS-C37700-TM) for increased hardness and resistance to impact, mechanical shocks and vibrations, with absolutely no porosity and cracks.

Cuerpo de latón forjado (aleación UNS-C37700-TM) para mayor dureza y resistencia al impacto, golpes mecánicos y vibraciones, sin absolutamente ninguna porosidad y grietas.

Gaxetas em teflon para temperaturas -40°C até +220°C.

Teflon gaskets for temperatures from -40°C to + 220°C.

Juntas de teflón para temperaturas de -40°C a + 220°C.

Agulha em inox, que permitem absoluta precisão no controle de fluxo sob condições de alta pressão.

Stainless steel needles that allow absolute precision in flow control under high pressure conditions.

Agujas de acero inoxidable que permiten una precisión absoluta en el control de flujo en condiciones de alta presión.

Recomendada para pressão de trabalho de até 3500 libras/pol², em temperatura ambiente.

Recommended for working pressure up to 3500 lbs / in² at room temperature.

Recomendado para presiones de trabajo de hasta 3500 lbs / in² a temperatura ambiente.

Para aplicações em instalações de equipamentos pneumáticos, industria de papel, instrumentações e outros.

For applications in pneumatic equipment installations, paper industry, instruments and others.

Para aplicaciones en instalaciones de equipos neumáticos, industria de papel, instrucciones e instrumentos.

Válvulas da serie: Alta pressão, estreminhas com porca e anilha, ideal para tubo de cobre, latão, alumínio, bundy, aço e similares.

Valves of the series: High pressão, starred with porca and anilha, ideal para tubo de cobre, latão, aluminio, bundy, aço and similar tubes.

Válvulas de la serie: Alta presión, estrechas com porca y anilha, ideal para tubo de cobre, latão, aluminio, bundy, aço y similares.

<p>Válvula de Segurança <i>Valve Security</i> <i>Válvula seguridad</i></p>  <p>0524</p>	<p>Rosca <i>Thread</i></p> <p>1/4 NPT 3/8 NPT</p>
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<p>Válvula Dreno Agulha <i>Drain Valve Needle</i> <i>Válvula de drenaje de aguja</i></p>  <p>0530</p>	<p>Rosca <i>Thread</i></p> <p>1/8 NPT 1/4 NPT 3/8 NPT</p>
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<p>Válvula Dreno Borboleta <i>Drain Valve Butterfly</i> <i>Válvula Escurrir de Mariposa</i></p>  <p>0525</p>	<p>Rosca <i>Thread</i></p> <p>1/8 NPT 1/4 NPT 3/8 NPT</p>
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<p>Válvula Globo M/M <i>Globe Valve M/M</i> <i>Válvula de Globo M/M</i></p>  <p>2011C / CP</p>	<p>Rosca <i>Thread</i></p> <p>1/8 NPT 1/4 NPT 3/8 NPT</p>
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Válvula Globo F/F <i>Globe Valve F/F</i> <i>Válvula de Globo F/F</i>	Rosca <i>Thread</i>
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2012C / CP

1/8 NPT 1/4 NPT 3/8 NPT

Válvula Globo M/F <i>Globe Valve M/F</i> <i>Válvula de Globo M/F</i>	Rosca <i>Thread</i>
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2019C / CP

1/8 NPT 1/4 NPT 3/8 NPT

Válvula Globo TB/M <i>Globe Valve TB/M</i> <i>Válvula de Globo TB/M</i>	Tubo x Rosca <i>Tube x Thread</i>
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2013C / CP

1/4 x 1/8 NPT 1/4 x 1/4 NPT 3/8 x 1/4 NPT

Válvula Globo TB/TB <i>Globe Valve TB/TB</i> <i>Válvula de Globo TB/TB</i>	P/ Tubo <i>Tube Of</i>
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2910C / CP

1/4 3/8

Válvula Globo TB/TB <i>Globe Valve TB/TB</i> <i>Válvula de Globo TB/TB</i>	P/ Tubo <i>Tube Of</i>
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2014C / CP

1/4 3/8

Válvula Globo TB/M <i>Globe Valve TB/M</i> <i>Válvula de Globo TB/M</i>	Tubo x Rosca <i>Tube x Thread</i>
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2911C / CP

1/4 x 1/8 NPT 1/4 x 1/4 NPT 3/8 x 1/4 NPT

Válvula Angular M/M <i>Valve Angle M/M</i> <i>Válvula de Angulo M/M</i>	Rosca <i>Thread</i>
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2015C / CP

1/8 NPT 1/4 NPT 3/8 NPT

Válvula Angular TB/M <i>Valve Angle TB/M</i> <i>Válvula de Angulo TB/M</i>	Tubo x Rosca <i>Tube x Thread</i>
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2912C / CP

1/4 x 1/8 NPT 1/4 x 1/4 NPT 3/8 x 1/4 NPT

Válvula Angular F/F <i>Valve Angle F/F</i> <i>Válvula de Angulo F/F</i>	Rosca <i>Thread</i>
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2016C / CP

1/8 NPT 1/4 NPT 3/8 NPT

Válvula Esfera F/F <i>Ball Valve F/F</i> <i>Válvula de Bola F/F</i>	Rosca <i>Thread</i>
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2042C / CP

1/4 NPT 3/8 NPT 1/2 NPT

Válvula Esfera 3 vias F <i>Ball Valve 3 - Way F</i> <i>Válvula de Bola 3 - Way F</i>	Rosca <i>Thread</i>
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2044C / CP

1/4 NPT
3/8 NPT
1/2 NPT

Válvula Agulha M/F <i>Needle Valve M/F</i> <i>Válvula de Aguja M/F</i>	Rosca <i>Thread</i>
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2166C / CP

1/8 NPT
1/4 NPT
3/8 NPT

Válvula Esfera M/F <i>Ball Valve M/F</i> <i>Válvula de Bola M/F</i>	Rosca <i>Thread</i>
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2052C / CP

1/4 NPT
3/8 NPT
1/2 NPT

Válvula Agulha Mang <i>Needle Valve Mang</i> <i>Válvula de Aguja Mang</i>	P/ Tubo <i>Tube Of</i>
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2173C / CP

1/8
1/4
5/16
3/8

Válvula Esfera TB/TB <i>Ball Valve TB/TB</i> <i>Válvula de Bola TB/TB</i>	P/ Tubo <i>Tube Of</i>
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2063C / CP

1/4
5/16
3/8
1/2

Válvula Agulha Mang/M <i>Needle Valve Mang/M</i> <i>Válvula de Aguja Mang/M</i>	Tubo x Rosca <i>Tube x Thread</i>
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2174C / CP

1/4 x 1/8 NPT
1/4 x 1/4 NPT
5/16 x 1/8 NPT
5/16 x 1/4 NPT
3/8 x 1/4 NPT

Válvula Agulha M/M <i>Needle Valve M/M</i> <i>Válvula de Aguja M/M</i>	Rosca <i>Thread</i>
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2164C / CP

1/8 NPT
1/4 NPT
3/8 NPT

Válvula Dreno Freio <i>Drain Valve Brake</i> <i>Escurrir Vávula de Frenos</i>	Rosca <i>Thread</i>
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2193

1/2 BSP
M22

Válvula Agulha F/F <i>Needle Valve F/F</i> <i>Válvula de Aguja F/F</i>	Rosca <i>Thread</i>
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2165C / CP

1/8 NPT
1/4 NPT
3/8 NPT

Rubinete M/F <i>Rubinete M/F</i>	Rosca <i>Thread</i>
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2266

1/8 NPT
1/4 NPT

Rubinete Mang/M <i>Rubinete Mang/M</i>	Tubo x Rosca <i>Tube x Thread</i>
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2274

1/4 x 1/4 NPT
3/8 x 1/4 NPT
1/2 x 1/4 NPT

Válvula Esfera Mini M/F <i>Ball Valve Mini M/F</i> <i>Válvula de Bola Mini M/F</i>	Rosca <i>Thread</i>
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2477

1/8 BSP
1/4 BSP
3/8 BSP
1/2 BSP

Válvula Alavanca PP M/F <i>Valve PP Lever M/F</i> <i>Válvula PP Palanca M/F</i>	Rosca <i>Thread</i>
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2464

1/4 BSP
3/8 BSP
1/2 BSP
3/4 BSP

Válvula Esfera Mini F/F <i>Ball Valve Mini F/F</i> <i>Válvula de Bola Mini F/F</i>	Rosca <i>Thread</i>
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2478

1/8 BSP
1/4 BSP
3/8 BSP
1/2 BSP

Válvula Alavanca PP F/F <i>Valve PP Lever F/F</i> <i>Válvula PP Palanca F/F</i>	Rosca <i>Thread</i>
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2465

1/4 BSP
3/8 BSP
1/2 BSP
3/4 BSP

Válvula Esfera Mini M/M <i>Ball Valve Mini M/M</i> <i>Válvula de Bola Mini M/M</i>	Rosca <i>Thread</i>
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2479

1/8 BSP
1/4 BSP
3/8 BSP
1/2 BSP

Válvula Borboleta PP M/F <i>Valve PP Butterfly M/F</i> <i>Válvula PP Mariposa M/F</i>	Rosca <i>Thread</i>
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2466

1/4 BSP
3/8 BSP
1/2 BSP
3/4 BSP

Válvula Borboleta PP F/F <i>Valve PP Butterfly F/F</i> <i>Válvula PP Mariposa F/F</i>	Rosca <i>Thread</i>
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2467

1/4 BSP
3/8 BSP
1/2 BSP
3/4 BSP

Informações Técnicas

Technical Information

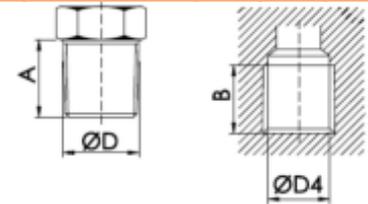
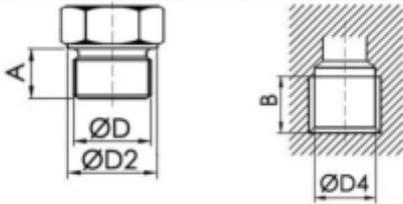
Información Técnica

Rosca Paralela BSP
Thread BSP Parallel
Rosca BSP Paralelo

Rosca Thread Rosca	Fios p/ Polegada Wires p/ Inch Los cables p/ pulg.	A	B	D	D2	D4
1/8	28 Fios	8	10	9,6	14	8,8
1/4	19 Fios	12	13	13	18	11,8
3/8	19 Fios	12	15	16,5	22	15,3
1/2	14 Fios	19	16	20,8	26	19
3/4	14 Fios	19	17	26,3	32	24,5
1	11 Fios	24	20	33	39	30,7
1 1/4	11 Fios	25	22	41,8	49	39,6
1 1/2	11 Fios	25,5	22	47,7	55	45,4
2	11 Fios	26	24	59,5	68	57,2
2 1/2	11 Fios	38,5	26	75	87	72,7
3	11 Fios	40	28	87,7	103	85,5

Rosca Cônica NPT
Tapered Thread NPT
Rosca Cônica NPT

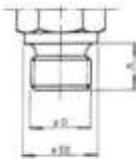
Rosca Thread Rosca	Fios p/ Polegada Wires p/ Inch Los cables p/ pulg.	A	B	D	D4
1/8	27 Fios	9,5	9	10,4	8,5
1/4	18 Fios	14,2	12,5	13,9	11,2
3/8	18 Fios	14,2	13,5	17,3	14,5
1/2	14 Fios	19	16,5	21,6	18
3/4	14 Fios	19	17,5	27	24
1	11.1/2 Fios	24	20,5	33,7	30
1 1/4	11.1/2 Fios	25	21	42,5	38,8
1 1/2	11.1/2 Fios	25,5	21	48,7	45
2	11.1/2 Fios	26	22	60,7	57
2 1/2	8 Fios	38,5	30	73,5	68
3	8 Fios	40	32	89,4	84



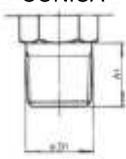
Rosca Métrica Cônica e Paralela
Metric Thread Taper and Parallel
Taper rosca métrica y Paralelo

Rosca Paralela Thread Parallel Rosca Paralelo	Rosca Cônica Thread Tapered Rosca Cônica	Rosca C/ O'ring Thread C / O-ring Tema C-ring /	A	B	D	D2	D3	D4
M8p1	Mk8p1		8	11	8	12		7
M10p1	Mk10p1	M10p1	8	11	10	14	18	9
M12p1,5	Mk12p1,5	M12p1,5	12	15	12	17	20	10,5
M14p1,5	Mk14p1,5	M14p1,5	12	15	14	19	22	12,5
M16p1,5	Mk16p1,5	M16p1,5	12	15	16	21	24,2	14,5
M18p1,5	Mk18p1,5	M18p1,5	12	16	18	23	26,5	16,5
M20p1,5			14	17	20	25		18,5
M22p1,5	Mk22p1,5	M22p1,5	14	17	22	27	30	20,5
M26p1,5	Mk26p1,5		16	19	26	31		24,5
M27p2		M27p2	16	19	27	32	40	25
M33p2		M33p2	18	21	33	39	46	31

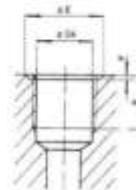
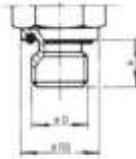
PARALELA



CÔNICA



COM O-RING

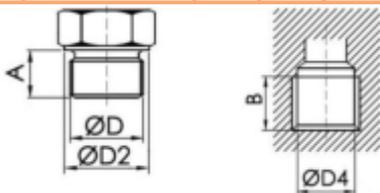


Rosca UNF
Thread UNF
Rosca UNF

Rosca Thread Rosca	Fios p/ Polegada Wires p/ Inch Los cables p/ pulg.	A	B	D	D4
5/16	24 Fios	7,5	10	7,8	6,9
3/8	24 Fios	7,5	10	9,4	8,5
7/16	20 Fios	9,2	11,5	11,0	9,8
1/2	20 Fios	9,2	11,5	12,6	11,5
9/16	18 Fios	10	12,7	14,1	12,9
3/4	16 Fios	11,1	14,2	18,9	17,5
7/8	14 Fios	12,7	16,5	22,1	20,5
1 1/16	12 Fios	15	19	26,8	24,9
1 3/16	12 Fios	15	19	30	28
1 5/16	12 Fios	15	19	33,1	31,2
1 5/8	12 Fios	15	19	41,1	39,2

Rosca Cônica BSPT
Tapered Thread BSPT
Rosca Cônica BSPT

Rosca Thread Rosca	Fios p/ Polegada Wires p/ Inch Los cables p/ pulg.	A	B	D	D4
1/8	28 Fios	10	9	10,1	8,8
1/4	19 Fios	14,2	12,5	13,7	11,8
3/8	19 Fios	14,2	13,5	17,2	15,5
1/2	14 Fios	19	16,5	21,6	19
3/4	14 Fios	19	17,5	27	24,5
1	11 Fios	24	20,5	34,1	30,7
1 1/4	11 Fios	25	21	42,7	39,6
1 1/2	11 Fios	25,5	21	48,6	45,4
2	11 Fios	26	22	60	57,2
2 1/2	11 Fios	38,5	30	75,5	72,7
3	11 Fios	40	32	89	85,5

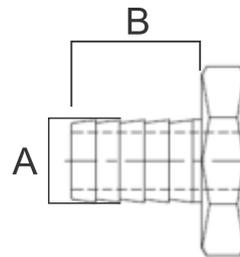


Medidas de Tubos
 Tubes Measures
 Medidas Tubos

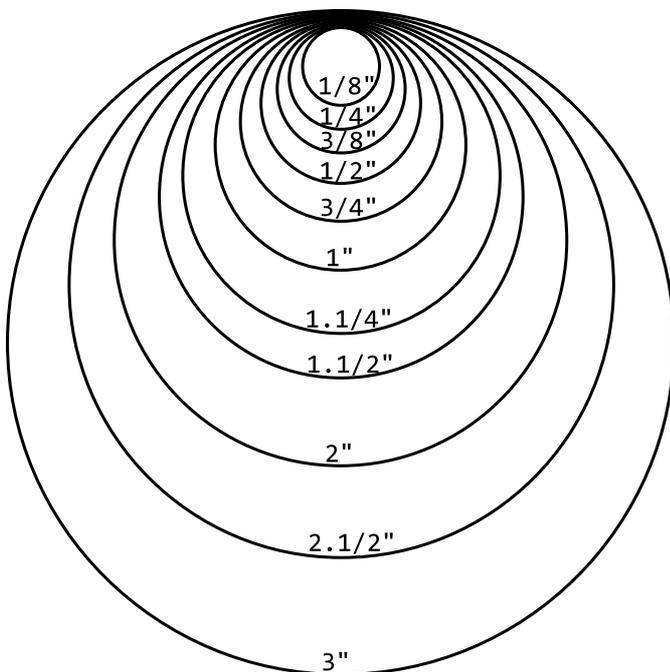
Diametro Diameter Diámetro	Nylon Nylon Nylon	Poliuretano Polyurethane Poliuretano	Polietileno Polyethylene Polietileno	Cobre Recozido Annealed copper Cobre Recocido
3/16	4,77 x 3,18		4,77 x 3,18	4,76 x 0,79
1/4	6,35 x 4,35	6,35 x 4,35	6,35 x 4,35	6,35 x 0,79
5/16	7,98 x 4,8		7,98 x 4,8	7,93 x 0,79
3/8	9,53 x 6,35	9,53 x 6,35	9,53 x 6,35	9,52 x 0,79
1/2	12,7 x 9,53	12,7 x 9,53	12,7 x 9,53	12,70 x 0,79
5/8	16,0 x 12,7		16,0 x 12,7	15,87 x 0,79
4 mm	4,0 x 2,0	4,0 x 2,5		
6 mm	6,0 x 4,0	6,0 x 4,0	6,0 x 4,0	
8 mm	8,0 x 4,0	8,0 x 5,0		
8 mm	8,0 x 5,0	8,0 x 5,5	8,0 x 5,0	
8 mm	8,0 x 6,0	8,0 x 6,0	8,0 x 6,0	
9 mm			9,0 x 6,0	
10 mm			10,0 x 6,0	
10 mm	10,0 x 7,0	10,0 x 7,0	10,0 x 7,0	
10 mm	10,0 x 8,0		10,0 x 8,0	
11 mm	11,0 x 8,0		11,0 x 8,0	
12 mm			12,0 x 8,0	
12 mm	12,0 x 9,0	12,0 x 8,0	12,0 x 9,0	
16 mm	16,0 x 12,0	16,0 x 11,0		

Bico de Mangueira
 Hose Nozzle
 Boquilla de La Manguera

Mangueira Hose Manguera	A	B
1/8	4,00	14,50
3/16	5,60	14,50
1/4	7,20	21,50
5/16	8,70	21,50
3/8	10,30	21,50
1/2	13,50	21,50
5/8	16,90	21,50
3/4	20,00	21,50
1	26,40	31
1 1/4	32,70	31
6 mm	6,80	21,50
8 mm	8,80	21,50
10 mm	10,80	21,50
12 mm	12,80	21,50
16 mm	16,90	21,50



Gabarito de Roscas
 Feed back threads
 Hilos Comentarios





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