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Isotubi belongs to GRUPO CAPUENTE

CERTIFICATES

DVGW	TUV
SVGW SSIG	TUV Rheinland
DNV-GL	Certif
UKRAINE	ISO 9001
WaterMark	SP SITAC
NSF	FM
WRAS	CSTBat
ABS	

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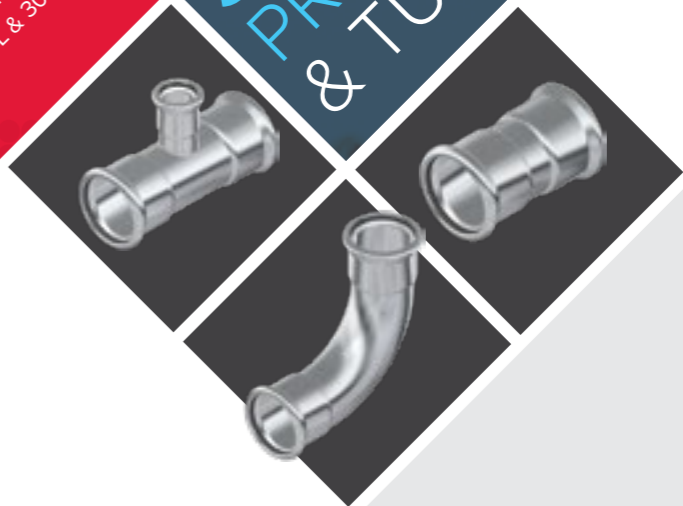
ISO TUBI
 TUBOS Y ACCESORIOS DE ACERO INOXIDABLE

EXPORT
 WORLDWIDE PRESENCE

XXL SIZES

DN 100 = 114,3 mm
 DN 125 = 139,7 mm
 DN 150 = 168,3 mm
 S = 2 / 2,6 mm
 AISI 316L & 304

STAINLESS STEEL PRESSFITTINGS & TUBES



EDITION: JANUARY 2018


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WELDED TUBES

Our welded stainless steel tubes are manufactured in accordance with the EN 10312 and EN 10.217-7 standards. This meets the 1.4404/1.4301 AISI 316L/AISI 304 standard under UNE EN 10088.

The tubes comply with DVGW W541 specifications.

Length 5/6 mts according to norms.

Dimensions	O.D. x wall thickness	O.D. x wall thickness
DN 8	10 x 1	10 x 1
DN 10	12 x 1	12 x 1
DN 12	15 x 1	15 x 0,6
DN 15	18 x 1	18 x 0,7
DN 20	22 x 1,2	22 x 0,7
DN 25	28 x 1,2	28 x 0,8
DN 32	35 x 1,5	35 x 1
DN 40	42 x 1,5	42 x 1,2
DN 50	54 x 1,5	54 x 1,2
DN 65	76,1 x 2	76,1 x 2
DN 80	88,9 x 2	88,9 x 2
DN 100	108 x 2	108 x 2
DN 100	114,3 x 2	114,3 x 2
DN 125	139,7 x 2,6	139,7 x 2
DN 150	168,3 x 2,6	168,3 x 2



PRESSFITTING TOOLS

The pressfitting tool can be manual, battery or electrically-powered. There is a corresponding easily exchangeable jaw for each diameter which is placed in the tool cylinder.

Most of the machines that exist in the market allow pressing NUMEPRESS fittings properly from diameter 15 mm to diameter 108 mm. Each diameter needs its own jaw or collar. A 32 Kn machine is required to obtain the optimal results. Please ask our technical department for XXL sizes tooling.

M profile jaws or collars should always be used.
In case of doubt, please ask our technical department.



SYSTEM TECHNICAL SPECIFICATIONS

Joint type: O-ring resistant to hot water, ageing and the additives commonly used in drinking water. There are three kind of O-rings depending on its application (NBR available also under request).

Fitting material: Stainless steel nº 1.4404 (AISI 316L).
Characteristics:

- Hygienic, as demonstrated in many food and pharmaceutical industry applications.
- Minimum load loss, resulting in faster fluid flows.
- Excellent decorative finish avoiding need for additional painting or external protection costs.
- Less heat conduction than other materials.
- The use of molybdenum results in good performance in chlorinated environments.
- Good resistance to oxidation and good mechanical and deformation resistance at high temperatures.
- Environmentally friendly.

Joint type: Cold joint ideal for joining thinwall stainless steel pipes.

Working pressure: Max 16 bar

- Working temperature:**
- With EPDM O-ring (black) -20 °C to +110 °C
 - With FKM O-ring (green) -20 °C to +200 °C
 - With FKM O-ring (red) -10°C to +200 °C

- Wall-thickness of the fitting:**
- 1.5 mm for diameters 15, 18, 22, 28, 35, 42, 54
 - 2 mm for diameters 76.1, 88.9, 108, 114.3, 139.7, 168.3
 - 2.6 mm for diameters 139.7, 168.3