

Push-in T-connector, for hose exterior Ø 12 mm - Riegler 110440

Item no. RGL-110440

Manufacturer Riegler

EAN 4047322093583

Push-in T-connector, for hose exterior Ø 12 mm

TECHNICAL DATA

Betriebsdruck max [bar]	15.000000
Country of Manufacture	Italy
For hose OD [mm]	12
Material	Stainless steel 1.4404
Seal material	FKM, FPM
Series	inox line
Temperature (max.)	150
Weight	0.063 kg
Working pressure max. [bar]	15
Zolltarifnummer	73071990



DESCRIPTION

Push-in T-connector, for hose exterior Ø 12 mm, Working pressure max. 15 bar, Stainless steel 1.4404 For use with aggressive media and in areas susceptible to corrosive outside influences, in the food processing industry and in hygienic and sanitary applications.

TECHNICAL DATA

Series
Max. working pressure
Working pressure pulsate
Min. medium temperature
Max. medium temperature
Min. operating temperature
Max. operating temperature
Material
Sealant
Recommended pipe materials for tube O.D.
L1

inox line
15 bar
10 bar
-20 °C
150 °C
-20 °C
150 °C
stainless steel 1.4404
FKM, FPM
PVDF, PTFE, PA, PU
12 mm
54.0 mm

STANDARDS AND ORIGIN

- Customs tariff number: 73071990
- Country of origin: IT

ABOUT UNION TEES

A push-in T-connector branches a compressed air line or brings two lines together. The tube is pushed in without tools and released again through the release ring. The range covers tube outside diameters from 3 to 16 mm and working pressures up to 20 bar.

WHAT MATTERS WHEN CHOOSING

- Tube outside diameter from 3 to 16 mm. The size has to match the tube exactly, otherwise the collet will not hold reliably.
- Series: Blue Series, Blue Series mini, click-clock, metallica, NonPlusUltra and inox line are available. The series fixes the design and the material, so it pays to stay with one series across an installation.
- Material: plastic with nickel-plated brass, all nickel-plated brass, or stainless steel 1.4404 for corrosive surroundings.
- Seal material: NBR for ordinary compressed air, FKM, FPM at higher temperatures and in the FDA-compliant version where that approval is required.
- Pressure range: versions reach 10 to 20 bar working pressure and operate down to -0.99 bar, so they also suit vacuum lines.

TYPICAL APPLICATIONS

- Branching control air to a second cylinder or valve inside a machine.
- Distributing compressed air in handling and assembly cells built with plastic tube or plastic pipe.
- Vacuum lines on suction grippers, since the connectors are rated down to -0.99 bar.
- Installations exposed to moisture or cleaning agents, using the stainless steel 1.4404 version.
- Small-bore lines carrying neutral gases and liquids as well as oil and grease.

Materials run from plastic with nickel-plated brass through all nickel-plated brass to stainless steel 1.4404, with NBR and FKM, FPM seals, the latter also in an FDA-compliant version. Operating and medium temperature are stated as -20 °C to 150 °C.