

Push-in T-fitting, rotating, R 1/4 o., for hose exterior Ø 8 mm - Riegler 110416

Item no. RGL-110416

Manufacturer Riegler

EAN 4047322269025

Push-in T-fitting, rotating, R 1/4 o., for hose exterior Ø 8 mm

TECHNICAL DATA

Betriebsdruck max [bar]	15.000000
Country of Manufacture	Italy
For hose OD [mm]	8
Material	Stainless steel 1.4404
Norm	DIN 13-1, DIN EN ISO 228-1
Pneumatic connection	R1/4 AG
Seal material	FKM, FPM
Series	inox line
Temperature (max.)	150
Thread	R 1/4 AG
Thread standard	ISO 7-1
Weight	0.07 kg
Working pressure max. [bar]	15
Zolltarifnummer	73071990



STANDARDS & COMPLIANCE

ISO 7-1 ISO 228-1 DIN 13-1

DESCRIPTION

Push-in T-fitting, rotating, R 1/4 o., for hose exterior Ø 8 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

inox line
15 bar
10 bar
-20 °C
150 °C
-20 °C
150 °C
stainless steel 1.4404

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Sealant	FKM, FPM
Recommended pipe materials	PVDF, PTFE, PA, PU
Thread	R 1/4 ET
for tube O.D.	8 mm
L1	43.0 mm
L2	28.5 mm
a/f	14 mm

STANDARDS AND ORIGIN

- Standard thread: ISO 7-1
- Customs tariff number: 73071990
- Country of origin: IT

ABOUT MALE BRANCH TEES

A push-in T-fitting takes a second outlet directly out of a running compressed air line, so no separate manifold is needed. The tube is pushed in without tools and released via the release ring. The range covers tube outside diameters from 3 to 16 mm at working pressures of 10 to 20 bar.

WHAT MATTERS WHEN CHOOSING

- Pick the thread to match the port. Parallel G threads run from G 1/8 to G 1/2, tapered R threads from R 1/8 to R 1/2, with M3, M5 and M6 available for small valve and cylinder ports.
- The tube O.D. follows the line, not the thread. Sizes from 3 to 16 mm are covered and most thread and diameter combinations are available.
- Material depends on the surroundings. Plastic with nickel-plated brass is the standard build, all nickel-plated brass the fully metallic version, stainless steel 1.4404 the choice for corrosive atmospheres.
- The sealant follows the medium. NBR covers plain compressed air, FKM or FPM suits higher temperatures and oil-bearing media, and the FDA-compliant FKM version is intended for food contact applications.
- Operating temperature starts at -20 °C and ends either at 80 °C or at 150 °C depending on the version. Above 80 °C, check the data table of the individual article.

TYPICAL APPLICATIONS

- Branching the air supply to two cylinders working in parallel on an assembly fixture
- Tapping off a pressure switch or gauge from a continuous line
- Building distribution runs and ring mains along the machine frame
- Linking closely spaced valve ports with M5 threads in tight installation space
- Connecting blow guns and blow-off nozzles to an existing supply line

Threads are made to DIN EN ISO 228-1, ISO 7-1 and DIN 13-1. Besides the Blue Series and Blue Series mini, the inox line, click-clock, metallica, universal short and NonPlusUltra ranges are available, 344 articles in total.

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