

Push-in T-fitting, rotating, G 1/4 o., for hose exterior Ø 12 mm - Riegler 135180

Item no. RGL-135180

Manufacturer Riegler

EAN 4047322493888

Push-in T-fitting, rotating, G 1/4 o., for hose exterior Ø 12 mm

TECHNICAL DATA

Betriebsdruck max [bar]	20.000000
Country of Manufacture	India
For hose OD [mm]	12
Material	Stainless steel 1.4404
Medium	Compressed air, corrosive media (if compatible with the material)
Norm	DIN 13-1, DIN EN ISO 228-1
Pneumatic connection	G1/4 AG
Seal material	FKM, FPM
Series	inox line
Temperature (max.)	150
Thread	G 1/4 AG
Thread standard	DIN EN ISO 228-1
Weight	0.099 kg
Working pressure max. [bar]	20
Zolltarifnummer	73072910



STANDARDS & COMPLIANCE

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

DESCRIPTION

Push-in T-fitting, rotating, G 1/4 o., for hose exterior Ø 12 mm, Working pressure -0.98 - 20 bar, Stainless steel 1.4404 For use in more aggressive environments and corrosive media. The suitability test for the individual application is the user's responsibility.

TECHNICAL DATA

Series	inox line
Min. working pressure	-0.98 bar
Max. working pressure	20 bar
Min. medium temperature	-20 °C
Max. medium temperature	150 °C
Min. operating temperature	-20 °C
Max. operating temperature	150 °C

Material	stainless steel 1.4404
Sealant	FKM, FPM
Medium	compressed air,corrosive media (if compatible with material)
Recommended pipe materials	PVDF, PTFE, PA, PU
Applications	compressed air syst.,chemical and food, pharma, pack.,vacuum
Thread	G 1/4 ET
for tube O.D.	12 mm
L1	53.4 mm
L2	32.8 mm
a/f	19 mm

STANDARDS AND ORIGIN

- Standard thread: DIN EN ISO 228-1
- Customs tariff number: 73072910
- Country of origin: IN

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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Page 3/3