

Straight screw-in fitting, G 3/4o. Pipe ext.Ø25, galvanised steel - Riegler 159603

Item no. RGL-159603

Manufacturer Riegler

EAN 4047322642330

Straight screw-in fitting, G 3/4o. Pipe ext.Ø25, galvanised steel

TECHNICAL DATA

Country of Manufacture	Italy
Material	Zinc-plated steel (DIN 2353)
Nominal pressure PN [bar]	400
Norm	DIN 2353
Pneumatic connection	G3/4 AG
Thread	G 3/4 AG
Tube OD [mm]	25
Weight	0.47 kg
Zolltarifnummer	73079910



STANDARDS & COMPLIANCE

DIN 2353

DESCRIPTION

Straight screw-in fitting, G 3/4 o., Pipe exterior Ø 25 mm, PN bar 400, A/F1 46, A/F2 41, galvanised steel Male connector, parallel male thread, heavy type

TECHNICAL DATA

Material	galvanised steel (DIN 2353)
Thread	G 3/4 ET
Tube O.D.	25 mm
L1	63.0 mm
L2	16.0 mm
a/f 1	46 mm
a/f 2	41 mm
PN	400 bar

STANDARDS AND ORIGIN

- Customs tariff number: 73079910

A1-ESD equipment

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- Country of origin: IT

ABOUT UNION

In a cutting ring fitting the ring bites into the surface of the metal tube as the nut is tightened and holds the joint even at high pressure. The straight versions in this group suit tube outside diameters from 4 to 28 mm, with nominal pressure ratings from PN 100 to PN 630.

WHAT MATTERS WHEN CHOOSING

- Tube O.D.: The range from 4 to 28 mm follows the tube that is installed. Tube size and fitting size have to match, otherwise the cutting ring does not bite cleanly.
- PN: Ratings run from PN 100 to PN 630. The permissible rating normally drops as tube diameter grows, so always check tube size and pressure rating together.
- Thread: Available are G 1/8 to G 3/4 male, tapered R 1/8 to R 1/2 male and metric M16x1.5, M18x1.5 and M22x1.5 male. The thread follows the mating port on the unit or manifold.
- Material: Zinc-plated steel to DIN 2353, stainless steel 1.4571 to DIN 2353, stainless steel 1.4571 and nickel-plated brass are available. Stainless suits corrosive surroundings, brass suits lighter duty air and lubrication circuits.
- Max. operating pressure: The brass versions are rated at 60 bar. Do not confuse that figure with the nominal pressure rating of the steel parts.

TYPICAL APPLICATIONS

- Hydraulic lines on power units, presses and clamping fixtures.
- Metal pipework for compressed air systems in machine building.
- Central lubrication and oil lines on machine tools.
- Test benches with permanently installed measuring lines.
- Plant sections where a push-in connection is ruled out by temperature or pressure.

Zinc-plated steel and stainless steel 1.4571 are built to DIN 2353, and FKM is listed as sealing material for part of the range. The 384 items come from production in Italy, Germany and Slovakia.

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