

Angled screw-on fitting G 1/8 i., for hose 4/6 mm, PA - Riegler 110811

Item no. RGL-110811

Manufacturer Riegler

EAN 4047322029339

Angled screw-on fitting G 1/8 i., for hose 4/6 mm, PA

TECHNICAL DATA

Country of Manufacture	Germany
For hose ID [mm]	4
For hose OD [mm]	6
Material	PA
Pneumatic connection	G1/8 IG
Temperature (max.)	60
Thread	G 1/8 IG
Weight	0.005 kg
Zolltarifnummer	39174000



DESCRIPTION

Angled screw-on fitting G 1/8 i., for hose 4/6 mm, Working pressure max. 10 bar (20 °C)/max. 1 bar (60 °C), PA Manufactured from high impact-resistant, UV-stabilised engineering plastic, extremely resistant to weathering. Good chemical resistance to benzine, diesel oil, fuel oil and alkalis. Not suitable for use with acids.

TECHNICAL DATA

Min. operating pressure	-0.9 bar
Max. Operating pressure at 20 °C	10 bar
Max. Operating pressure at 60 °C	1 bar
Max. operating temperature	60 °C
Min. operating temperature	-20 °C
Thread	G 1/8 IT
for hose I.D.	4
for tube O.D.	6 mm
L1	26.0 mm
L2	17.0 mm
Screw fitting body	Polyamide (PA)
Clamping ring	Polypropylene (PP)

A1-ESD equipment

Keldersstr. 15
42697 Solingen, Deutschland
VAT ID: DE269659389

Phone: +49 212 38340680
shop@esd-equipment.com
fluidics-equipment.com

Knurled nut

Material

Polypropylene (PP)

PA

STANDARDS AND ORIGIN

- Customs tariff number: 39174000
- Country of origin: DE

ABOUT MALE ELBOWS

Elbow fittings take the line through 90 degrees and save space right at the cylinder or valve. Tube outside diameters from 4 to 12 mm are covered, with threads from M5 up to G 1/2 male.

WHAT MATTERS WHEN CHOOSING

- Identify the thread on the component first. Parallel threads run from M5 to G 1/2 male, tapered ones from R 1/8 to R 1/2 male, and female G 1/8, G 1/4 and G 1/2 are available as well.
- The hose sets the size. Outside diameters of 4 to 12 mm and inside diameters of 2 to 10 mm are listed, depending on whether the tube is pushed in or slid onto a barb.
- Material follows the medium and the surroundings. Nickel-plated brass and CW614N brass are the standard, POM, PA and polypropylene save weight, and stainless steel 1.4404, 1.4571 and PFA cover chemically demanding cases.
- Sealing material is a choice between NBR, silicone-free NBR and FKM (FPM). Silicone-free is mandatory wherever silicone contamination has to be ruled out in production.
- Maximum working pressure is given as 10 to 25 bar depending on design, operating pressure as 10 to 18 bar. For vacuum circuits the figures reach down to -0.98 bar.

TYPICAL APPLICATIONS

- Connecting cylinders in tight positions where a straight fitting projects too far
- Manifolds and valve terminals inside control cabinets
- Grippers and handling axes with moving hose runs
- Vacuum circuits with suction cups working below atmospheric pressure
- Food and chemical environments where stainless steel or PFA is required

The group covers nickel-plated brass, CW614N brass, stainless steel 1.4404 and 1.4571, POM, PA, polypropylene and PFA, sealed with NBR, silicone-free NBR or FKM (FPM). The 163 items come from Italy, Germany, the United Kingdom and China.

A1-ESD equipment

Keldersstr. 15
42697 Solingen, Deutschland
VAT ID: DE269659389

Phone: +49 212 38340680
shop@esd-equipment.com
fluidics-equipment.com

Page 2/2