

Angled screw-in fitting, R 1/8 o., Pipe exterior Ø 8 mm - Riegler 112170

Item no. RGL-112170

Manufacturer Riegler

EAN 4047322168380

Angled screw-in fitting, R 1/8 o., Pipe exterior Ø 8 mm

TECHNICAL DATA

Country of Manufacture	Italy
Material	Zinc-plated steel (DIN 2353)
Nominal pressure PN [bar]	315
Norm	DIN 2353
Pneumatic connection	R1/8 AG
Thread	R 1/8 AG
Tube OD [mm]	8
Weight	0.039 kg
Zolltarifnummer	73079910



STANDARDS & COMPLIANCE

ISO 7-1 DIN 2353

DESCRIPTION

Angled screw-in fitting, R 1/8 o., Pipe exterior Ø 8 mm, PN max. 315 bar, AF1 17, AF2 12, galvanised steel Male elbow, conical male thread acc. to ISO 7-1, light type

TECHNICAL DATA

Material	galvanised steel (DIN 2353)
Thread	R 1/8 ET
Tube O.D.	8 mm
L1	29.0 mm
L2	26.0 mm
a/f 1	17 mm
a/f 2	12 mm
PN	315 bar

STANDARDS AND ORIGIN

- Customs tariff number: 73079910

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- Country of origin: IT

ABOUT UNION ELBOWS

Angled fittings turn a pipe run through 90 degrees and save both the bend and a second joint. The cutting ring bites into the pipe as the nut is tightened and holds it mechanically, which is why the range covers nominal pressures from 100 to 630 bar. Pipes with an outside diameter of 4 to 28 mm can be used.

WHAT MATTERS WHEN CHOOSING

- Tube O.D.: the values 4 to 28 mm must match the installed pipe exactly, since cutting ring and union nut are fixed to one diameter.
- Thread: taper R 1/8 male to R 1 male for the European standard, NPT 1/8 male to NPT 3/4 male for American port threads, plus M10x1.0 taper male for small port locations.
- PN: pressure ratings run from 100 to 630 bar. Size to the highest system pressure including peaks, not to the average operating value.
- Material: galvanised steel to DIN 2353 for standard hydraulic duty, stainless steel 1.4571 including the DIN 2353 version for corrosive surroundings, nickel-plated brass for pneumatic use.
- Installation dimensions: L1, L2 and the across-flats sizes SW 1 and SW 2 decide whether the fitting can still be tightened with a spanner in the planned position.

TYPICAL APPLICATIONS

- Pipework on hydraulic power units and presses where the line has to turn close to the housing
- Connecting cylinders and valve blocks in tight installation spaces
- Lubricating oil and coolant lines on machine tools
- Test rigs and hydraulic test equipment running at high pressure
- Pneumatic pipework using the nickel-plated brass version

The galvanised steel and stainless steel 1.4571 versions are made to DIN 2353. The 144 items in this group come from production in Germany and Italy.