

Reducer, cone seal, Pipe ext. Ø Female conn. 25/12, galv. steel - Riegler 159312

Item no. RGL-159312

Manufacturer Riegler

EAN 4047322639743

Reducer, cone seal, Pipe ext. Ø Female conn. 25/12, galv. steel

TECHNICAL DATA

Country of Manufacture	Italy
Material	Zinc-plated steel (DIN 2353)
Nominal pressure PN [bar]	400
Norm	DIN 2353
Weight	0.414 kg
Zolltarifnummer	73079910



STANDARDS & COMPLIANCE

DIN 2353

DESCRIPTION

Reducer, cone seal, Pipe exterior Ø Female connector 25/12 mm, PN max. 400 bar, a/f1 32, a/f2 24 a/f3 46, galvanised steel Reducer, with cone seal, heavy type

TECHNICAL DATA

Material	galvanised steel (DIN 2353)
L1	38.0 mm
L2	54.0 mm
a/f 1	32 mm
a/f 2	24 mm
a/f 3	46 mm
PN	400 bar
Female connector Ø	25/12 mm

STANDARDS AND ORIGIN

- Customs tariff number: 73079910

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- Country of origin: IT

ABOUT REDUCERS

Reducers bring two pipes of different outside diameter together inside one cutting ring fitting, without a threaded adapter and without an extra sealing point. The range is rated for nominal pressures from 160 to 630 bar and is therefore aimed at hydraulic lines.

WHAT MATTERS WHEN CHOOSING

- Pipe pairing: the socket diameter on both sides must suit the pipes already installed, typical steps being 8/6, 12/10 or 15/12 mm. Each side carries its own cutting ring.
- PN: pressure ratings run from 160 to 630 bar. Size to the highest load occurring in the system, peaks included.
- Material: galvanised steel to DIN 2353 for standard hydraulic duty, stainless steel 1.4571 for corrosive surroundings and aggressive media.
- Installation dimensions: lengths L1 and L2 together with the across-flats sizes SW 1, SW 2 and SW 3 show whether the reducer can still be fitted and reached with a spanner in the planned position.
- Version: part of the range is listed as light series, which matters when combining it with the other fittings of the same line.

TYPICAL APPLICATIONS

- Stepping between pipe runs of different nominal size on hydraulic power units
- Connecting smaller control lines to a larger main line
- Rebuilding and extending existing systems where a different pipe diameter continues the run
- Lubricating oil lines on presses and machine tools
- Hydraulic test rigs working at high pressure ratings

The galvanised steel versions are made to DIN 2353, with stainless steel 1.4571 available alongside. The 109 items in this group come from production in Germany and Italy.