

L-ring piece, for hollow screw G 3/8, for hose exterior Ø 10 mm - Riegler 108841

Item no. RGL-108841

Manufacturer Riegler

EAN 4047322285858

L-ring piece, for hollow screw G 3/8, for hose exterior Ø 10 mm

TECHNICAL DATA

Betriebsdruck max [bar]	16.000000
Country of Manufacture	Italy
For hose OD [mm]	10
Material	Nickel-plated brass
Medium	Compressed air
Seal material	NBR
Series	click-clock
Temperature (max.)	70
Weight	0.031 kg
Working pressure max. [bar]	16
Zolltarifnummer	74122000



STANDARDS & COMPLIANCE

ISO 228-1

DESCRIPTION

L-ring piece, for hollow screw G 3/8, for hose exterior Ø 10, Working pressure -0.98 to 16 bar, Operating temp. -20 °C to 70 °C The advanced version of our highly successful push-in fittings series manufactured in nickel-plated brass. Advantages of this new, optimised series: Much easier connection and disconnection of the hose, even with repeated mounting Can also be used for non-calibrated hoses Suitable for vacuum operation

TECHNICAL DATA

Series	click-clock
Min. working pressure	-0.98 bar
Max. working pressure	16 bar
Min. operating temperature	-20 °C
Max. operating temperature	70 °C
Material	nickel-plated brass
Sealant	NBR
Medium	compressed air

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Recommended hose**Applications****Sleeve****Clamping ring****for tube O.D.****L1****L2****For banjo bolt**

PA, PU

compressed air systems, vacuum

black nickel-plated brass

stainless steel

10 mm

28.0 mm

20.0 mm

G 3/8

STANDARDS AND ORIGIN

- Customs tariff number: 74122000
- Country of origin: IT

ABOUT BANJO BOLTS AND RING NIPPLES

A banjo bolt and a banjo fitting together form a connection whose hose outlet can still be turned after tightening. Hoses from 4 to 12 mm outside diameter are accepted and the working pressure runs from -0.98 bar under vacuum up to 16 bar. That allows cylinders and valves to be connected where a rigid fitting no longer fits.

WHAT MATTERS WHEN CHOOSING

- Bolt threads run from M5 male through G 1/8 and G 1/4 male up to G 3/8 and G 1/2 male. The parallel threads follow DIN EN ISO 228-1.
- Hose outside diameter of 4 to 12 mm has to match the tubing in use, since each fitting is built for one size only.
- Material separates the series. click-clock is nickel-plated brass, inox line is stainless steel 1.4404, and aluminium versions are available as well.
- The sealing material - NBR, FKM, FPM or PTFE - sets the temperature limit. The usual range is -20 °C to 70 °C, while heat-resistant versions reach 150 °C.
- For vacuum work, check the lower working pressure of -0.98 bar. Compressed air is rated up to 16 bar.

TYPICAL APPLICATIONS

- Connecting pneumatic cylinders whose ports leave little room.
- Valve manifolds and control blocks where hose direction is only decided during assembly.
- Jig and tool building with tight routing.
- Handling equipment with suction cups working down to -0.98 bar.
- Plant areas where nickel-plated brass is not enough and stainless steel 1.4404 is specified.

Threads comply with DIN EN ISO 228-1 and the stated medium is compressed air. Production takes place in Italy and Germany, and the group holds 46 articles.

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