

Locking screw, Hexagonal socket and flange, G 1/4 - Riegler 137911

Item no. RGL-137911

Manufacturer Riegler

EAN 4047322518420

Locking screw, Hexagonal socket and flange, G 1/4

TECHNICAL DATA

Betriebsdruck max [bar]	25.000000
Country of Manufacture	China
Material	Nickel-plated brass CW614N (electroplated nickel finish)
Norm	DIN EN ISO 228-1
Pneumatic connection	G1/4 AG
Temperature (max.)	150
Thread	G 1/4 AG
Weight	0.013 kg
Working pressure max. [bar]	25
Zolltarifnummer	74122000



STANDARDS & COMPLIANCE

ISO 228-1 ISO 7-1

DESCRIPTION

Locking screw, Hexagonal socket and flange G 1/4 AF 6 nickel-plated brass Max. working pressure 25 bar Max. operating temp.150 °C Suitable for air, water, oil, steam, etc.

TECHNICAL DATA

Max. working pressure	25 bar
Max. operating temperature	150 °C
Material	nickel-plated brass CW614N (galvanised nickel-plated)
Thread	G 1/4 ET
L1	12.0 mm
L2	9.0 mm
a/f	6 mm

STANDARDS AND ORIGIN

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

A1-ESD equipment

Keldersstr. 15
42697 Solingen, Deutschland
VAT ID: DE269659389

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

Page 1/2

ABOUT CAPS AND SCREW PLUGS

Locking screws and end caps close off unused ports on manifolds, valve blocks and fittings. That allows a plant to be built with spare ports without leaking at the open bore. Threads run from M5 up to G 2 at working pressures of 20 to 60 bar.

WHAT MATTERS WHEN CHOOSING

- The thread follows the port being closed. Parallel G threads are available from G 1/8 to G 2, plus tapered R threads in R 1/8 and R 1/4 and M5 for small bores.
- The thread standard determines where the joint seals. Parallel threads to DIN EN ISO 228-1 need a seal at the shoulder, tapered threads to ISO 7-1 seal in the thread itself.
- For the seal, NBR covers general service. FDA-compliant FPM is chosen where food contact or higher temperatures are involved.
- Material follows the surroundings. Brass CW614N and electroplated nickel-plated brass CW614N for normal use, stainless steel 1.4571 and 1.4404 for corrosive media and cleaning routines.
- Pressure and temperature limit the choice. Working pressure reaches 60 bar, maximum operating temperature is either 80 °C or 150 °C depending on the version.

TYPICAL APPLICATIONS

- Closing unused outlets on compressed air manifolds and valve terminal base plates
- Blanking off ports on air preparation units and cylinders that will be used later
- Sealing test and measuring ports once a pressure test is finished
- Plugging spare ports on hydraulic and oil line blocks
- Securing ports in cleaning and food areas using the FDA-compliant FPM seal

The NonPlusUltra versions are made from stainless steel 1.4404 and sealed with FDA-compliant FPM, released for compressed air, neutral gases and liquids, oil and grease. The value line series is also part of the group, which holds 253 articles.