

Locking screw, Hexagonal socket, without flange, G 1/8, Brass - Riegler 135990

Item no. RGL-135990

Manufacturer Riegler

EAN 4047322500395

Locking screw, Hexagonal socket, without flange, G 1/8, Brass

TECHNICAL DATA

Betriebsdruck max [bar]	25.000000
Country of Manufacture	Turkey
Material	Brass CW614N
Norm	DIN EN ISO 228-1
Pneumatic connection	G1/8 AG
Temperature (max.)	150
Thread	G 1/8 AG
Weight	0.001 kg
Working pressure max. [bar]	25
Zolltarifnummer	74122000



STANDARDS & COMPLIANCE

ISO 228-1 ISO 7-1

DESCRIPTION

Locking screw, Hexagonal socket, without flange, G 1/8, AF 5, Brass, Max. working pressure 25 bar, Max. operating temp. 150 °C

TECHNICAL DATA

Max. working pressure
Max. operating temperature
Material
Thread
L1
a/f

25 bar

150 °C

brass CW614N

G 1/8 ET

8.0 mm

5 mm

STANDARDS AND ORIGIN

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

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.