

## Plug-in connector, I.D. 5, locking on both sides, Sleeve I.D. 6 - Riegler 107500

Item no. RGL-107500

Manufacturer Riegler

EAN 4047322058650

Plug-in connector, I.D. 5, locking on both sides, Sleeve I.D. 6

### TECHNICAL DATA

|                        |          |
|------------------------|----------|
| Country of Manufacture | Germany  |
| Length [mm]            | 50,0     |
| Weight                 | 0.024 kg |
| Zolltarifnummer        | 74122000 |



### DESCRIPTION

Plug-in connector, I.D. 5, locking on both sides, Bright brass, Sleeve I.D. 6, Operating pressure 0-35 bar, Temp. -20 °C to 100 °C

### TECHNICAL DATA

|        |         |
|--------|---------|
| Length | 50.0 mm |
| a/f    | 14 mm   |

### STANDARDS AND ORIGIN

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

### ABOUT STEMS AND PLUGS

Hose barbs and nipples create the releasable link between the compressed air line, the hose and the tool. The group covers connection threads from G 1/8 to G 1/2 plus tapered R threads and NPT 3/8 male. Overall lengths run from 17 to 145 mm, which often decides whether a part fits a tight connection point.

### WHAT MATTERS WHEN CHOOSING

- Connection: Start by settling male or female thread. G 1/8, G 1/4, G 3/8 and G 1/2 are available in

both, together with tapered R 1/4, R 3/8 and R 1/2 male and NPT 3/8 male for US-style fittings.

- Length: Overall length ranges from 17 to 145 mm and follows the design of the part. It becomes a hard limit behind wall fittings or in panel cut-outs where space is short.
- Material: Nickel-plated brass and nickel-plated steel are documented. Steel is the choice where frequent coupling and hose pull define the mechanical load.
- Max. operating pressure: Parts with a stated pressure figure are rated at 15 bar. Check that value against line pressure and against pressure peaks in the tool circuit before the barb is crimped.

## **TYPICAL APPLICATIONS**

- Connecting pneumatic tools to workshop hoses through quick couplings.
- Fixed take-off points on ring mains, with the nipple screwed into the wall fitting.
- Assembling hose lines between the air preparation unit and the consumer.
- Assembly stations with changing tools where the connection is opened several times a day.
- Vibration-damping intermediate sections with PVC hose ahead of pulsating tools.

The documented materials are nickel-plated brass and nickel-plated steel. The 482 items in this group come from production in Germany, Italy, Sweden, Greece, Turkey, the USA and China.

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Page 2/2