

Quick-connect coupl. I.D. 10, Steel/nickel-plated brass, G 3/8 IT - Riegler 141556

Item no. RGL-141556

Manufacturer Riegler

EAN 4047322568272

Quick-connect coupl. I.D. 10, Steel/nickel-plated brass, G 3/8 IT

TECHNICAL DATA

Betriebsdruck max [bar]	35.000000
Country of Manufacture	Turkey
Housing material	Nickel-plated brass
Length [mm]	59,0
Material	Nickel-plated brass
Norm	ISO 6150
Pneumatic connection	G3/8 IG
Seal material	NBR
Weight	0.146 kg
Zolltarifnummer	84812090



STANDARDS & COMPLIANCE

ISO 6150

DESCRIPTION

Quick-connect coupling I.D. 10, Steel / nickel-plated brass, G 3/8 IT, Operating pressure 0 - 35 bar, Temp. -20 °C to 100 °C Single-sided blocking and robust quick connect coupling with high flow performance. To prevent injuries or a whiplash effect, we recommend that the plug-in nipple is held with one hand during uncoupling. These quick disconnect couplings are not suitable for direct attachment to pulsating tools. We recommend using our vibration dampers, according to ISO 6150 § 7.1. Areas of application: Pneumatic system, Machine and plant engineering, Measurement, monitoring and control systems, manufacturing industry, medical technology, chemical / pharmaceutical industry, workshops, automotive, food technology, aerospace.

TECHNICAL DATA

DN	10
Connection	G 3/8 IT
a/f	24 mm
Length	59.0 mm
Min. operating pressure	0 bar
Max. operating pressure	35 bar

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

Min. medium temperature	-20 °C
Max. medium temperature	100 °C
Min. ambient temperature	-20 °C
Max. ambient temperature	100 °C
Sealant	NBR
Spring	stainless steel
Threaded piece	nickel-plated brass
Valve	Nickel-plated brass
Flow rate measurement	at 6 bar and $\Delta p = 0.5$ bar
Housing	nickel-plated brass
Sleeve	Galvanised steel
Flow rate (air)	3500 l/min

STANDARDS AND ORIGIN

- Customs tariff number: 84812090
- Country of origin: TR

ABOUT ROBUST COUPLINGS (HIGH-PERFORMANCE COUPLINGS)

These heavy-duty quick-connect couplings are made for compressed air lines under hard service. They couple with one hand and shut off on one side when disconnected. The range works at operating pressures up to 35 bar and covers connections from G 1/4 to G 3/4.

WHAT MATTERS WHEN CHOOSING

- Connection: female threads G 1/4 to G 3/4, male threads G 1/4 to G 3/4 and R 1/4 to R 3/4. Size should follow the flow required, not only the port already fitted.
- Operating pressure: versions cover 16 to 35 bar and work from 0 bar upwards.
- Housing material: zinc-plated steel for general workshop duty, plain or nickel-plated brass where corrosion is a factor, stainless steel 1.4305 for hygienic or chemically demanding surroundings.
- Seal: NBR as standard, FKM where oils or medium temperatures up to 200 °C occur.
- Overall length from 54 to 114 mm: this matters as soon as the coupling is built into an air treatment unit, a bracket or a tool holder.

TYPICAL APPLICATIONS

- Air supply to hand tools with high consumption such as impact wrenches and grinders.
- Tool change stations in production where couplings are operated several times per shift.
- Test and filling rigs running above the usual mains pressure.
- Vehicle and workshop service where a zinc-plated steel housing is required against corrosion.
- Applications with raised medium temperature, using the version with FKM seal.

Housings are available in zinc-plated steel, stainless steel 1.4305 and in plain or nickel-plated brass, sealed with NBR or FKM. Production is in Germany and Turkey.

A1-ESD equipment

Keldersstr. 15
42697 Solingen, Deutschland
VAT ID: DE269659389

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