

Tempered coupling DN 6, Exterior thread, Brass, G 1/4 45° - Riegler 107926

Item no. RGL-107926

Manufacturer Riegler

EAN 4047322258111

Tempered coupling DN 6, Exterior thread, Brass, G 1/4 45°

TECHNICAL DATA

Betriebsdruck max [bar]	15.000000
Country of Manufacture	Germany
Length [mm]	47,0
Material	Brass 2.0401
Medium	Air, water, oil, vacuum
Norm	DIN 3863
Seal material	FKM (PTFE-coated)
Weight	0.069 kg
Zolltarifnummer	74122000



DESCRIPTION

Tempered coupling DN 6, Exterior thread, Brass 2.0401, G 1/4 45°, Operating pressure max. 15 bar, Temp. -20 °C to 160 °C Compatible with HASCO Z 8 system. For temperature control applications involving hot or cold water or heat transfer oil, e.g. for cooling circuits on plastics processing machines. Optionally with free passage, one or both sides sealing. Female-threaded couplings and plugs with female-threaded PTFE seal.

TECHNICAL DATA

Connecting thread
Max. operating pressure
Medium
Material
Min. medium temperature
Max. medium temperature
Min. ambient temperature
Max. ambient temperature
Sealant
Ball
Spring

G 1/4 ET
15 bar
air, water, oil, vacuum
brass 2.0401
-20 °C
160 °C
-20 °C
160 °C
FPM (PTFE coated)
stainless steel
stainless steel

Retaining ring

stainless steel

Length

47.0 mm

a/f

17 mm

STANDARDS AND ORIGIN

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

ABOUT TEMPERATURE CONTROL COUPLINGS

Tempering couplings connect and disconnect heating and cooling circuits while the plant is running. They work up to 15 bar operating pressure at medium temperatures from -20 °C to 160 °C, and the listed media are air, water, oil and vacuum.

WHAT MATTERS WHEN CHOOSING

- Start with the connection type. Threads run from M8x0.75 male to G 1/2 male, or R 1/8 male to R 3/8 male, hose barbs suit hose bores of 9 to 19 mm, and tube versions take tube outside diameters of 8 to 14 mm.
- The shut-off function decides whether medium escapes when uncoupling. Versions with free flow, with one-sided and with two-sided shut-off are available.
- Body shape follows access at the mould. Straight, 45° and 90° angled versions are offered, with overall lengths from 24 to 360 mm.
- The material is brass 2.0401 or nickel-plated brass. The seal is PTFE-coated FKM and carries the stated medium temperature of up to 160 °C.
- Nominal bore of DN 6 to 9 mm sets the flow in the circuit and has to match the coupling system already in use.

TYPICAL APPLICATIONS

- Cooling and tempering circuits on injection moulds
- Mould changes on plastics machinery without draining the circuits
- Hot and cold water circuits on temperature control units
- Thermal oil circuits on heated moulds and presses
- Cooling water supply on welding and forming equipment

The couplings are made of brass 2.0401 or nickel-plated brass and sealed with PTFE-coated FKM. All 96 items state DE as country of origin, and part of the series is described as compatible with the HASCO Z 8 system.

A1-ESD equipment

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