Parker Product Datasheet



Quick coupling system with nominal diameter 8/12 for tempering and cooling applications up to 20 bar. Coupling system with with French Profile. Available made of brass.

PART NUMBER: 608KFTF10MVN
FUNCTION: Straight-Through
CONNECTION SIZE: 10x1.0 MM
CONNECTION TYPE: Hose Barb
DIAMETER NOMINAL (DN): 8
LENGTH (MM): 65
BODY MATERIAL: Brass
COUPLING HALF: Coupler

PRODUCT OVERVIEW

Parker's Quick Coupling Series 608/612 (French series) has been specially developed for cooling in the field of plastic injection machines / molds. By using vertical plug inserts, the cooling connection can be installed directly in the mold / machine, so the external contour has no protruding extension components. This allows easy and safe handling during the work process and prevents damage to the coupling and the mold.
This system is supplied as a “straight-through coupling“ with no valves. The coding of the in and outlets can be represented by simple fixing of the colored clips / rings onto the coupling and plug.

The use of the locking balls means that an optimum grip of the plug connection is guaranteed, even with forces that are applied laterally. The simple unlocking mechanism, which is optimized by knurling at the end of the sleeve, can be operated by pulling back once on the sleeve.

Markets:
- Industrial

Features/Benefits:
- Color coding by fixing colored clips onto the coupling and the plug
- Optimum grip of the plug connection due to the locking balls
- Simple unlocking mechanism

Applications:
- Mold cooling
- Cooling and tempering lines

TECH SPECIFICATIONS

FOR FLUID TYPE	Coolants (Industrial coolants, water-glycol)
MINIMUM OPERATING TEMPERATURE	5 °F
CONNECTION TYPE	Hose Barb
DIVISION	Low Pressure Connectors Europe Division
PRODUCT SERIES	Series 608
BRAND	Rectus
COMPATIBLE FITTING	Plug
OPERATION TYPE	Sleeve
OUTSIDE DIAMETER	20 mm
MINIMUM OPERATING TEMPERATURE	-15 °C
DIAMETER	8 mm
CONNECTION SIZE	10 mm
MAXIMUM OPERATING PRESSURE	290 psi
BODY MATERIAL	Brass
FLOW RATE	32 L/min (water)

FUNCTION	Straight-Through
COUPLING HALF	Coupler
WEIGHT	0.056 kg
LENGTH	65 mm
APPLICATION	Cooling
PLATING TYPE	Nickel-Plated
DIVISION	Low Pressure Connectors Europe Division
MAXIMUM OPERATING TEMPERATURE	200 °C
SEAL MATERIAL	FKM
QUANTITY PER BOX	10.0
TECHNOLOGY	Fluid & Gas Handling
INTERCHANGE TYPE	French Profile
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
HEX SIZE	n/a
PRODUCT STYLE	Quick Connect
VALVE TYPE	Without Valve
MAXIMUM OPERATING TEMPERATURE	392 °F
REGION OF ORIGIN	Germany
SLEEVE MATERIAL	Brass
BRAND	Parker
VALVE INCLUDED	No
MAXIMUM OPERATING PRESSURE	20 bar