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: 608KFTF12MVN
COUPLING HALF: Coupler
CONNECTION SIZE: 12x1.5 MM
FUNCTION: Straight-Through
CONNECTION TYPE: Hose Barb
BODY MATERIAL: Brass
LENGTH (MM): 65
DIAMETER NOMINAL (DN): 8

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
DIVISION	Low Pressure Connectors Europe Division
DIAMETER	8 mm
COMPATIBLE FITTING	Plug
SLEEVE MATERIAL	Brass
INTERCHANGE TYPE	French Profile
LENGTH	65 mm
TECHNOLOGY	Fluid & Gas Handling
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
CONNECTION SIZE	12 mm
BODY MATERIAL	Brass
MAXIMUM OPERATING TEMPERATURE	392 °F
MAXIMUM OPERATING PRESSURE	290 psi
CONNECTION TYPE	Hose Barb

WEIGHT	0.066 kg
BRAND	Parker
PLATING TYPE	Nickel-Plated
FLOW RATE	32 L/min (water)
APPLICATION	Cooling
FUNCTION	Straight-Through
PRODUCT SERIES	Series 608
BRAND	Rectus
VALVE TYPE	Without Valve
DIVISION	Low Pressure Connectors Europe Division
COUPLING HALF	Coupler
QUANTITY PER BOX	10.0
OPERATION TYPE	Sleeve
REGION OF ORIGIN	Germany
MAXIMUM OPERATING TEMPERATURE	200 °C
PRODUCT STYLE	Quick Connect
SEAL MATERIAL	FKM
MAXIMUM OPERATING PRESSURE	20 bar
VALVE INCLUDED	No
HEX SIZE	n/a
MINIMUM OPERATING TEMPERATURE	-15 °C
OUTSIDE DIAMETER	20 mm