

Parker Product Datasheet



Premium quick coupling system with nominal diameter 10 for pneumatic and fluid handling applications up to 35 bar. Coupling system with the largest standard European profile. Available made of brass/steel or stainless steel.

PART NUMBER: 1700KBTF10BPN

COUPLING HALF: Coupler

CONNECTION TYPE: Hose Barb

BODY MATERIAL: Brass

FUNCTION: Double Shut-Off

CONNECTION SIZE: 10 MM

PRODUCT OVERVIEW

Parker's 1/2' universal industrial coupling with standard European profile for use with large pneumatic consumers.

Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design (steel sleeve), extremely high flow and long service life even with the harshest use. The collar design minimises damage to the valve body.

Markets:

- Machinery Construction
- Trade

- Automotive
- Life Science
- Process
- Food & Beverage
- Aerospace
- Mobile Hydraulics
- Industrial

Features/Benefits:

- UltraFlo valve for optimum flow and low pressure drop
- Higher working pressure compared to competitive products
- Single-hand operation for easy and fast connection

Applications:

- Pneumatic Power Tools
- Assembly Lines
- Air compressors
- Fluid Transfer
- Laboratory Gas Supply
- Cooling of Electronic Components
- Food and chemical processing
- Water and coolant lines
- Thermal Management

TECH SPECIFICATIONS

DIAMETER	10 mm (nominal)
BRAND	Rectus
MINIMUM OPERATING TEMPERATURE	-4 °F
INDUSTRY	Electronics
MAXIMUM OPERATING PRESSURE	507 psi
BRAND	Parker
FLOW RATE	1054 L/min (air)
CONNECTION SIZE	10 mm
MINIMUM OPERATING TEMPERATURE	-20 °C
INTERCHANGE TYPE	European Profile
APPLICATION	Energy Management
INDUSTRY	General Industrial
COMPATIBLE FITTING	Series 27 Plug
FOR FLUID TYPE	Air & Neutral Gases
MAXIMUM OPERATING TEMPERATURE	100 °C
MAXIMUM OPERATING PRESSURE	35 bar
APPLICATION	Electronics
PRODUCT STYLE	Quick Connect
SEAL MATERIAL	NBR
APPLICATION	Industrial Machinery
OPERATION TYPE	Sleeve
REGION OF ORIGIN	Germany
APPLICATION	Air & Gas Compressor
BODY MATERIAL	Brass
PRODUCT TYPE	Pneumatic Quick Couplings

VALVE TYPE	Ultra High Flow Valve
FUNCTION	Double Shut-Off
DIVISION	Low Pressure Connectors Europe Division
QUANTITY PER BOX	5
TECHNOLOGY	Pneumatics
PLATING TYPE	Nickel-Plated
OUTSIDE DIAMETER	27 mm
DIVISION	Low Pressure Connectors Europe Division
CONNECTION TYPE	Hose Barb
SLEEVE MATERIAL	Brass
COUPLING HALF	Coupler
HEX SIZE	24 mm
LENGTH	79.5 mm
MAXIMUM OPERATING TEMPERATURE	212 °F
PRODUCT SERIES	Series 1700
WEIGHT	0.1639 kg
VALVE INCLUDED	Yes