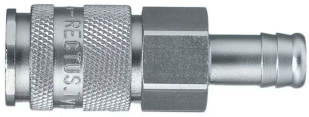
Parker Product Datasheet



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: 27KBTF13BPN
COUPLING HALF: Coupler
CONNECTION TYPE: Hose Barb
BODY MATERIAL: Brass
FUNCTION: Double Shut-Off
CONNECTION SIZE: 13 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 competitve products

- Single-hand operation for easy and fast connection

Applications:

- Pneumatic Power Tools

- Assembly Lines

- Air compressors

- Fluid Transfer

- Labotory Gas Supply

- Cooling of Electronic Components

- Food and chemical processing

- Water and coolant lines

- Thermal Management

TECH SPECIFICATIONS

LENGTH	76 mm
CONNECTION TYPE	Hose Barb
REGION OF ORIGIN	Germany
OUTSIDE DIAMETER	27 mm
FLOW RATE	950 L/min (air)
TECHNOLOGY	Pneumatics
MAXIMUM OPERATING PRESSURE	35 bar
PRODUCT TYPE	Pneumatic Quick Couplings
OPERATION TYPE	Sleeve
COMPATIBLE FITTING	Series 27 Plug
VALVE INCLUDED	Yes
PLATING TYPE	Nickel-Plated
QUANTITY PER BOX	5
MAXIMUM OPERATING PRESSURE	507 psi
TECHNOLOGY	Fluid & Gas Handling
BODY MATERIAL	Brass
PRODUCT STYLE	Quick Connect
FLOW RATE	14 L/min (water)
BRAND	Parker
INDUSTRY	Transportation
CONNECTION SIZE	13 mm
FOR FLUID TYPE	Air & Neutral Gases
INDUSTRY	Electronics
INTERCHANGE TYPE	European Profile
INDUSTRY	General Industrial
BRAND	Rectus
PRODUCT SERIES	Series 27

MINIMUM OPERATING TEMPERATURE	-4 °F
WEIGHT	0.1607 kg
MAXIMUM OPERATING TEMPERATURE	100 °C
FOR FLUID TYPE	Water
MAXIMUM OPERATING TEMPERATURE	212 °F
DIVISION	Low Pressure Connectors Europe Division
DIAMETER	10 mm (nominal)
MINIMUM OPERATING TEMPERATURE	-20 °C
SEAL MATERIAL	NBR
DIVISION	Low Pressure Connectors Europe Division
APPLICATION	Food & Beverages
SLEEVE MATERIAL	Brass
HEX SIZE	24 mm
APPLICATION	Electronics
COUPLING HALF	Coupler
FUNCTION	Double Shut-Off
APPLICATION	Trucks & Trailers
APPLICATION	Industrial Equipment
VALVE TYPE	High Flow Valve
APPLICATION	Automotive
APPLICATION	Energy Management