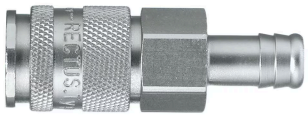
Parker Product Datasheet



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: 27KATF10MPN
COUPLING HALF: Coupler
FUNCTION: Single Shut-Off
CONNECTION SIZE: 10 MM
CONNECTION TYPE: Hose Barb
BODY MATERIAL: Brass

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

MINIMUM OPERATING TEMPERATURE	-20 °C
APPLICATION	Air & Gas Compressor
PLATING TYPE	Nickel-Plated
INDUSTRY	General Industrial
BRAND	Rectus
MINIMUM OPERATING TEMPERATURE	-4 °F
TECHNOLOGY	Pneumatics
QUANTITY PER BOX	5
TECHNOLOGY	Fluid & Gas Handling
DIVISION	Low Pressure Connectors Europe Division
DIAMETER	10 mm (nominal)
INTERCHANGE TYPE	European Profile
MAXIMUM OPERATING PRESSURE	35 bar
SLEEVE MATERIAL	Brass
REGION OF ORIGIN	Germany
OUTSIDE DIAMETER	27 mm
WEIGHT	0.1517 kg
COMPATIBLE FITTING	Series 27 Plug
HEX SIZE	24 mm
BODY MATERIAL	Brass
FUNCTION	Single Shut-Off
OPERATION TYPE	Sleeve
PRODUCT SERIES	Series 27
BRAND	Parker
MAXIMUM OPERATING PRESSURE	507 psi

MAXIMUM OPERATING TEMPERATURE	100 °C
APPLICATION	Textile Machinery
CONNECTION TYPE	Hose Barb
DIVISION	Low Pressure Connectors Europe Division
SEAL MATERIAL	NBR
FOR FLUID TYPE	Air & Neutral Gases
FLOW RATE	2400 L/min (air)
CONNECTION SIZE	10 mm
LENGTH	76 mm
VALVE INCLUDED	Yes
PRODUCT STYLE	Quick Connect
COUPLING HALF	Coupler
MAXIMUM OPERATING TEMPERATURE	212 °F
APPLICATION	Industrial Equipment
PRODUCT TYPE	Pneumatic Quick Couplings
VALVE TYPE	High Flow Valve
FOR FLUID TYPE	Water
FOR FLUID TYPE	Chemicals
FLOW RATE	31 L/min (water)