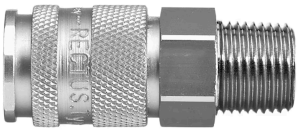
Parker Product Datasheet



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: 27KBAK21MPN
COUPLING HALF: Coupler
CONNECTION SIZE: R 1/2
CONNECTION TYPE: Male BSPT
BODY MATERIAL: Brass
FUNCTION: Double Shut-Off

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

PRODUCT SERIES	Series 27
INDUSTRY	Electronics
INTERCHANGE TYPE	European Profile
TECHNOLOGY	Pneumatics
CONNECTION TYPE	BSPT
FOR FLUID TYPE	Air & Neutral Gases
FOR FLUID TYPE	Chemicals
FOR FLUID TYPE	Water
MAXIMUM OPERATING TEMPERATURE	100 °C
APPLICATION	Electronics
TECHNOLOGY	Fluid & Gas Handling
PLATING TYPE	Nickel-Plated
CONNECTION TYPE	Male
APPLICATION	Automotive
VALVE TYPE	High Flow Valve
QUANTITY PER BOX	5
APPLICATION	Food & Beverages
VALVE INCLUDED	Yes
SLEEVE MATERIAL	Brass
OUTSIDE DIAMETER	27 mm
MAXIMUM OPERATING PRESSURE	35 bar
APPLICATION	Trucks & Trailers
OPERATION TYPE	Sleeve
COUPLING HALF	Coupler
MINIMUM OPERATING TEMPERATURE	-20 °C

COMPATIBLE FITTING	Series 27 Plug
REGION OF ORIGIN	Germany
MINIMUM OPERATING TEMPERATURE	-4 °F
MAXIMUM OPERATING PRESSURE	507 psi
PRODUCT TYPE	Pneumatic Quick Couplings
SEAL MATERIAL	NBR
LENGTH	65 mm
APPLICATION	Energy Management
HEX SIZE	24 mm
BODY MATERIAL	Brass
PRODUCT STYLE	Quick Connect
MAXIMUM OPERATING TEMPERATURE	212 °F
DIVISION	Low Pressure Connectors Europe Division
FUNCTION	Double Shut-Off
APPLICATION	Industrial Equipment
CONNECTION SIZE	R 1/2
DIAMETER	10 mm (nominal)
BRAND	Parker
FLOW RATE	950 L/min (air)
FLOW RATE	14 L/min (water)
INDUSTRY	General Industrial
INDUSTRY	Transportation
WEIGHT	0.1522 kg
DIVISION	Low Pressure Connectors Europe Division
BRAND	Rectus