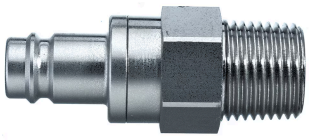
Parker Product Datasheet



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: 27SBAK17MPN
COUPLING HALF: Plug
CONNECTION TYPE: Male BSPT
BODY MATERIAL: Brass
FUNCTION: Double Shut-Off
CONNECTION SIZE: R 3/8

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

WEIGHT	0.0949 kg
PRODUCT SERIES	Series 27
TECHNOLOGY	Pneumatics
FOR FLUID TYPE	Water
CONNECTION TYPE	BSPT
INDUSTRY	Electronics
MAXIMUM OPERATING PRESSURE	507 psi
APPLICATION	Electronics
APPLICATION	Food & Beverages
DIVISION	Low Pressure Connectors Europe Division
DIAMETER	10 mm (nominal)
LENGTH	60.5 mm
APPLICATION	Automotive
HEX SIZE	24 mm
FUNCTION	Double Shut-Off
DIVISION	Low Pressure Connectors Europe Division
INDUSTRY	Transportation
MAXIMUM OPERATING PRESSURE	35 bar
APPLICATION	Energy Management
APPLICATION	Trucks & Trailers
PLATING TYPE	Nickel-Plated
FLOW RATE	14 L/min (water)
MINIMUM OPERATING TEMPERATURE	-4 °F
APPLICATION	Industrial Equipment
PRODUCT TYPE	Pneumatic Quick Couplings
VALVE TYPE	High Flow Valve

SEAL MATERIAL	NBR
INDUSTRY	General Industrial
MAXIMUM OPERATING TEMPERATURE	100 °C
VALVE INCLUDED	Yes
BODY MATERIAL	Brass
FLOW RATE	950 L/min (air)
BRAND	Rectus
MAXIMUM OPERATING TEMPERATURE	212 °F
COMPATIBLE FITTING	Series 27 Coupler
CONNECTION TYPE	Male
PRODUCT STYLE	Quick Connect
BRAND	Parker
MINIMUM OPERATING TEMPERATURE	-20 °C
COMPATIBLE FITTING	Series 1700 Coupler
REGION OF ORIGIN	Germany
COUPLING HALF	Plug
FOR FLUID TYPE	Air & Neutral Gases
SLEEVE MATERIAL	Without Sleeve
INTERCHANGE TYPE	European Profile
CONNECTION SIZE	R 3/8
COMPATIBLE FITTING	Series 1727 Coupler
TECHNOLOGY	Fluid & Gas Handling
OPERATION TYPE	No Sleeve
QUANTITY PER BOX	5