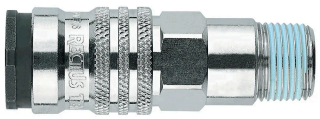
Parker Product Datasheet



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: 1700KAAK21SPN
FUNCTION: Single Shut-Off
BODY MATERIAL: Steel
CONNECTION TYPE: Male BSPT
CONNECTION SIZE: R 1/2
COUPLING HALF: Coupler

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

QUANTITY PER BOX	10
PRODUCT STYLE	Quick Connect
OUTSIDE DIAMETER	27 mm
DIVISION	Low Pressure Connectors Europe Division
INDUSTRY	General Industrial
COMPATIBLE FITTING	Series 27 Plug
TECHNOLOGY	Pneumatics
VALVE TYPE	Ultra High Flow Valve
INDUSTRY	Electronics
MAXIMUM OPERATING PRESSURE	507 psi
CONNECTION TYPE	Male
DIVISION	Low Pressure Connectors Europe Division
BRAND	Parker
PRODUCT TYPE	Pneumatic Quick Couplings
SLEEVE MATERIAL	Steel
CONNECTION TYPE	BSPT
VALVE INCLUDED	Yes
FOR FLUID TYPE	Air & Neutral Gases
MAXIMUM OPERATING TEMPERATURE	100 °C
MAXIMUM OPERATING PRESSURE	35 bar
APPLICATION	Air & Gas Compressor
PLATING TYPE	Nickel-Plated
WEIGHT	0.156 kg
PRODUCT SERIES	Series 1700
MAXIMUM OPERATING TEMPERATURE	212 °F

LENGTH	75 mm
APPLICATION	Industrial Machinery
BODY MATERIAL	Brass
OPERATION TYPE	Sleeve
HEX SIZE	24 mm
MINIMUM OPERATING TEMPERATURE	-4 °F
BRAND	Rectus
DIAMETER	10 mm (nominal)
REGION OF ORIGIN	Germany
APPLICATION	Electronics
MINIMUM OPERATING TEMPERATURE	-20 °C
CONNECTION SIZE	R 1/2
FLOW RATE	3580 L/min (air)
FUNCTION	Single Shut-Off
APPLICATION	Energy Management
INTERCHANGE TYPE	European Profile
COUPLING HALF	Coupler
SEAL MATERIAL	NBR