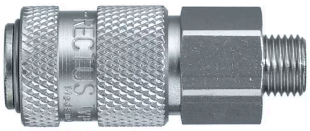
Parker Product Datasheet



Premium quick coupling system with nominal diameter 6 for pneumatic and fluid handling applications up to 50 bar. Coupling system with German industrial profile. Available made of brass/steel.

PART NUMBER: 52KBAW21SPN
COUPLING HALF: Coupler
CONNECTION SIZE: G 1/2
FUNCTION: Double Shut-Off
CONNECTION TYPE: Male BSPP
BODY MATERIAL: Steel

PRODUCT OVERVIEW

Parker's Premium Quick Coupling Series 52 is a coupling system with German industrial profile. This coupling system is developed for single-hand operation. The UltraFlo valve guarantees optimum flow and low pressure drop. This robust coupling series in slim design mainly used for pneumatic applications. The steel sleeve counters oscillating forces and the high insertion depth is guaranteed by an optimized plug guide.

Markets:
- Machinery Construction
- Automotive
- Aerospace
- Mobile Hydraulics
- Industrial
- Machine Tooling

Features/Benefits:
- UltraFlo valve for optimum flow and low pressure drop
- Steel sleeve counters oscillating forces
- Single-hand operation for easy and fast connection

Applications:
- Pneumatic Power Tools
- Assembly Lines
- Air compressors
- Fluid Transfer

TECH SPECIFICATIONS

DIVISION	Low Pressure Connectors Europe Division
CONNECTION TYPE	BSPP
TECHNOLOGY	Fluid & Gas Handling
BODY MATERIAL	Steel
APPLICATION	Assembly Lines
PLATING TYPE	Nickel-Plated
OUTSIDE DIAMETER	25 mm
HEX SIZE	22 mm
SLEEVE MATERIAL	Brass
SEAL MATERIAL	NBR
CONNECTION TYPE	Male
FUNCTION	Double Shut-Off
OPERATION TYPE	Sleeve
APPLICATION	Pneumatic Power Tools
VALVE TYPE	High Flow
COUPLING HALF	Coupler
APPLICATION	Fluid transfer

TECHNOLOGY	Pneumatics
PRODUCT STYLE	Quick Connect
APPLICATION	Air compressors
DIVISION	Low Pressure Connectors Europe Division
QUANTITY PER BOX	10.0
PRODUCT TYPE	Pneumatic Quick Couplings
VALVE INCLUDED	Yes
REGION OF ORIGIN	Germany
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
FLOW RATE	10 L/min (water)
LENGTH	65 mm
INDUSTRY	Automotive
MAXIMUM OPERATING PRESSURE	725 psi
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
FLOW RATE	730 L/min (air)
MAXIMUM OPERATING PRESSURE	50 bar
INDUSTRY	General Industrial
COMPATIBLE FITTING	Series 52 Plug
WEIGHT	0.1456 kg
BRAND	Parker
MINIMUM OPERATING TEMPERATURE	-20 °C
PRODUCT SERIES	Series 52
INTERCHANGE TYPE	German Profile
CONNECTION SIZE	G 1/2
DIAMETER	6 mm (nominal)

MAXIMUM OPERATING TEMPERATURE	100 °C
BRAND	Rectus
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
MAXIMUM OPERATING TEMPERATURE	212 °F
MINIMUM OPERATING TEMPERATURE	-4 °F