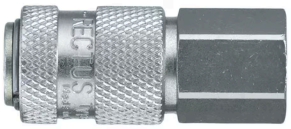
Parker Product Datasheet



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: 52KBIW13SPN
COUPLING HALF: Coupler
CONNECTION SIZE: G 1/4
FUNCTION: Double Shut-Off
CONNECTION TYPE: Female 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

COUPLING HALF	Coupler
QUANTITY PER BOX	10.0
SEAL MATERIAL	NBR
OUTSIDE DIAMETER	25 mm
REGION OF ORIGIN	Germany
MINIMUM OPERATING TEMPERATURE	-4 °F
FLOW RATE	10 L/min (water)
MAXIMUM OPERATING PRESSURE	725 psi
CONNECTION TYPE	BSPP
PRODUCT STYLE	Quick Connect
CONNECTION TYPE	Female
COMPATIBLE FITTING	Series 52 Plug
MINIMUM OPERATING TEMPERATURE	-20 °C
FLOW RATE	730 L/min (air)
BODY MATERIAL	Steel
PRODUCT TYPE	Pneumatic Quick Couplings

LENGTH	62 mm
CONNECTION SIZE	G 1/4
INDUSTRY	Automotive
OPERATION TYPE	Sleeve
APPLICATION	Fluid transfer
MAXIMUM OPERATING PRESSURE	50 bar
BRAND	Rectus
INDUSTRY	General Industrial
PLATING TYPE	Nickel-Plated
TECHNOLOGY	Fluid & Gas Handling
APPLICATION	Air compressors
MAXIMUM OPERATING TEMPERATURE	212 °F
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
SLEEVE MATERIAL	Brass
VALVE INCLUDED	Yes
APPLICATION	Pneumatic Power Tools
INTERCHANGE TYPE	German Profile
PRODUCT SERIES	Series 52
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
DIVISION	Low Pressure Connectors Europe Division
FUNCTION	Double Shut-Off
APPLICATION	Assembly Lines
BRAND	Parker
WEIGHT	0.1487 kg
VALVE TYPE	High Flow
TECHNOLOGY	Pneumatics

HEX SIZE	22 mm
MAXIMUM OPERATING TEMPERATURE	100 °C
DIAMETER	6 mm (nominal)
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
DIVISION	Low Pressure Connectors Europe Division