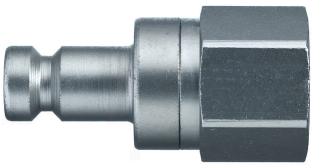
Parker Product Datasheet



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: 52SBIW13SPN
CONNECTION TYPE: Female BSPP
FUNCTION: Double Shut-Off
BODY MATERIAL: Steel
COUPLING HALF: Plug
CONNECTION SIZE: G 1/4

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

FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
DIVISION	Low Pressure Connectors Europe Division
INDUSTRY	General Industrial
BRAND	Parker
APPLICATION	Pneumatic Power Tools
VALVE TYPE	High Flow
REGION OF ORIGIN	Germany
SEAL MATERIAL	NBR
INDUSTRY	Automotive
MAXIMUM OPERATING TEMPERATURE	212 °F
HEX SIZE	22 mm
SLEEVE MATERIAL	Without Sleeve
PRODUCT STYLE	Quick Connect
COUPLING HALF	Plug
FLOW RATE	10 L/min (water)
LENGTH	48 mm
APPLICATION	Assembly Lines

CONNECTION TYPE	BSPP
OPERATION TYPE	Sleeve
DIVISION	Low Pressure Connectors Europe Division
VALVE INCLUDED	Yes
PRODUCT TYPE	Pneumatic Quick Couplings
MINIMUM OPERATING TEMPERATURE	-4 °F
PRODUCT SERIES	Series 52
PLATING TYPE	Nickel-Plated
TECHNOLOGY	Pneumatics
APPLICATION	Fluid transfer
MINIMUM OPERATING TEMPERATURE	-20 °C
DIAMETER	6 mm (nominal)
BODY MATERIAL	Steel
CONNECTION TYPE	Female
APPLICATION	Air compressors
MAXIMUM OPERATING PRESSURE	50 bar
FLOW RATE	730 L/min (air)
OUTSIDE DIAMETER	n/a
FUNCTION	Double Shut-Off
MAXIMUM OPERATING PRESSURE	725 psi
BRAND	Rectus
MAXIMUM OPERATING TEMPERATURE	100 °C
QUANTITY PER BOX	10.0
TECHNOLOGY	Fluid & Gas Handling
COMPATIBLE FITTING	Series 52 Coupler

CONNECTION SIZE	G 1/4
INTERCHANGE TYPE	German Profile
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
WEIGHT	0.0712 kg