

Parker Product Datasheet



Parker Legris offers a range of metal couplers compatible with a large selection of fluids. Simple to install, with or without shut-off valves, these couplers offer a high flow rate capability.

PART NUMBER: 0171 03 10 03
COUPLING HALF: Coupler
SPECIAL OPTION: n/a
FUNCTION: Straight-Through
GRIPPING RING MATERIAL: n/a
SEAL MATERIAL: NBR
CONNECTION 2 TUBE OUTSIDE DIAMETER: n/a
CONNECTION SIZE: R 1/8
CONNECTION TYPE: Male BSPT
BODY MATERIAL: Brass
DIAMETER: 3
COLOR: RED
CONNECTION 1 TUBE OUTSIDE DIAMETER: n/a

PRODUCT OVERVIEW

In order to fulfill the requirements of the widest range of industrial applications, Parker Legris offers a range of metal couplers compatible with a large selection of fluids.

Simple to install, with or without shut-off valves, these couplers offer a high flow rate capability.

Features/Benefits:

- Easy-to-Use

- Coupler with sliding sleeve: automatic connection and disconnection
- Wide variety of male probes
- Extremely compact
- Single or double shut-off models for greater safety
- Special range designed for pneumatic applications: 13 Series to 27
- Special range designed for the transmission of water and fluids: Midi and Maxi series

- Robust & Reliable

- 100% leak-tested in production
- Excellent shock and impact resistance
- Nickel-plated brass for corrosion resistance
- Stainless steel version for restrictive environments

- Optimum Performance

- Very wide range of flow rates
- 'UltraFlo' technology: 18, 22, 23, 25 and 27 series
- Low pressure drop
- Long service life
- Maximum energy efficiency

Markets:

- Packaging
- Factory Automation
- Miscellaneous Manufacturing
- Vehicle Assembly Facilities

Applications:

- Compressed Air and Water Circuits Automatic Connection and Disconnection
- Workshops
- Flushing
- Spraying
- Filling Systems
- Cleaning

Technologies:

- Quick acting coupler
- Metal coupler
- Double probe
- Y coupler
- Universal adaptor
- Adjustable nozzle
- Couplings
- Universal adapter
- Fluid coupling
- Couplers
- Quick coupling
- Universal coupling

Technical Characteristics:

- Compatible fluids: Compressed air, water
- Materials: nickel-plated brass, stainless steel 316L, nickel-plated steel, NBR, FKM, stainless steel
- Pressure: Vacuum to 20 bar
0 to 35 bar (stainless steel series)
- Temperature: -20°C to +100°C
-15°C to +200°C (stainless steel series)

Product Types:

- Coupler, Male BSPT and Parallel Metric Thread
- Coupler, Straight-Through, Male BSPT Thread
- Probe, Valved, Male BSPT Thread
- Probe, Straight-Through, Male BSPT Thread
- Probe without Shut-off, Male BSPT Thread
- Probe, Straight-Through with Barb Connection for Polyamide (PA) Tubing
- Probe, Straight-Through with Barb Connection for Flexible Tubing
- Probe, Straight-Through with LF 3000® Push-In Connection
- Coupler, Female BSPP Thread
- Probe, Straight-Through, Male BSPP Thread
- Probe, Straight-Through, Female BSPP Thread
- Probe, Straight-Through, with Barb Connection for Flexible Tubing
- Double Probe

- Coupler, Female BSPP Thread
- Coupler, Straight-Through, Female BSPP Thread
- Coupler with Barb Connection for Hose
- Coupler, Straight-Through, with Barb Connection for Hose
- Probe, Straight-Through, Male BSPP Thread
- Probe, Straight-Through, Female BSPP Thread
- Probe, Straight-Through, Female BSPP Thread
- Probe, Straight-Through, with Barb Connection for Flexible Tubing
- Probe, Straight-Through, with Barb Connection for Flexible Hose
- Y Coupler, Straight-Through
- Coupler with Tap, Male BSPP Thread
- Plug
- Universal Coupler Adaptor
- Universal Probe Adaptor
- Water Pistol
- Adjustable Nozzle
- Coupler, Straight-Through, Female BSPP Thread
- Coupler, Straight-Through with Barb Connection for Hose
- Coupler, Straight-Through, Male BSPP Thread
- Coupler, Straight-Through with Barb Connection for Flexible Hose
- Coupler, Male BSPP Thread
- Coupler, Female BSPP Thread
- Probe, Valved, Male BSPP Thread
- Probe, Straight-Through, Male BSPP Thread
- Probe, Valved, Female BSPP Thread
- Probe, Straight-Through, Female BSPP Thread
- Coupler, Male BSPP and Metric Thread
- Coupler, Female BSPP and Metric Thread
- Probe, Valved, Male BSPP and Metric Thread
- Probe, Straight-Through, Male BSPP and Metric Thread
- Probe, Valved, Female BSPP and Metric Thread
- Probe, Straight-Through, Female BSPP and Metric Thread
- Coupler, Male BSPP Thread
- Coupler, Female BSPP Thread
- Probe, Valved, Male BSPP Thread
- Probe, Straight-Through, Male BSPP Thread
- Probe, Valved, Female BSPP Thread
- Probe, Straight-Through, Female BSPP Thread

TECH SPECIFICATIONS

APPLICATION	Spraying
FLOW RATE	165 L/min (air)
HEX SIZE	n/a
VALVE INCLUDED	No
QUANTITY PER BOX	VLOOKUP(A85,[1]default_1!\$A:\$P,16,FALSE)
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
DIAMETER	3 mm (nominal)
MAXIMUM OPERATING PRESSURE	20 bar
PRODUCT SERIES	Mini Series
CONNECTION 1 TUBE OUTSIDE DIAMETER	n/a
CONNECTION 2 TUBE OUTSIDE DIAMETER	n/a
MINIMUM OPERATING TEMPERATURE	-4 °F
CONNECTION SIZE	R 1/8
MAXIMUM OPERATING TEMPERATURE	140 °F
MAXIMUM OPERATING TEMPERATURE	60 °C
MAXIMUM OPERATING PRESSURE	290 psi
WEIGHT	0.02 kg
INDUSTRY	General Industrial
DIVISION	Low Pressure Connectors Europe Division
MINIMUM OPERATING TEMPERATURE	-20 °C

SLEEVE MATERIAL	Technical Polymer
LENGTH	n/a mm
SEAL MATERIAL	NBR
APPLICATION	Packaging
COUPLING HALF	Coupler
BRAND	Parker
COLOR	Red
APPLICATION	Filling Systems
PRODUCT STYLE	Quick Connect
PRODUCT TYPE	Pneumatic Quick Couplings
PLATING TYPE	Nickel-Plated
CONNECTION TYPE	BSPT
DIVISION	Low Pressure Connectors Europe Division
APPLICATION	Workshops
REGION OF ORIGIN	Spain
INTERCHANGE TYPE	Parker Profile
FUNCTION	Straight-Through
APPLICATION	Cleaning
OUTSIDE DIAMETER	n/a mm
BRAND	Legris
TECHNOLOGY	Pneumatics
APPLICATION	Factory Automation
OPERATION TYPE	Sleeve
CONNECTION TYPE	Male
VALVE TYPE	Without Valve
APPLICATION	Flushing
BODY MATERIAL	Brass

