

Parker Product Datasheet



Parker's general purpose quick couplers and nipples are versatile for use across a spectrum of applications where fluid, gas or steam lines require fast and easy connection and disconnection.

PART NUMBER: SH8-63
BODY MATERIAL: 303 Stainless steel
BODY SIZE (INCH): 1
APPLICATION: General Purpose
CONNECTION THREAD SIZE (INCH): 1 - 1 1/2
CONNECTION TYPE: Female NPTF
COUPLING HALF: Male Nipple
MAXIMUM OPERATING PRESSURE: 3000
SEAL MATERIAL: Nitrile

PRODUCT OVERVIEW

60 Series Couplers (hydraulic, fluids, gas, steam) up to 5000 psi, connect with ISO 7241 series B, 60 Series Nipples. Parker's 60 Series have double shut-off poppet valves and are interchangeable with other quick disconnects complying with ISO 7241 series B.

These general purpose quick couplings are available in a wide range of sizes and materials to be versatile for use with several fluids, including high temperature steam. Parker's 60 Series is multi-purpose for a variety of applications and pressures up to 5000 psi.

Steam version couplers are brass with double interface O-rings and stainless steel locking balls. Seal material is Ethylene Propylene and the 3/8" size has a grip-ring sleeve for easy operation when wearing gloves.

Technical Characteristics:

- Sizes: 1/8" – 2-1/2"
- Materials: Steel, Brass, 303 Stainless Steel, 316 Stainless Steel
- Port Ends: Female NPTF, Female ORB, Female BSPP
- Seal Options: Nitrile, EPDM, Fluorocarbon, Neoprene
- Coupler options include: Sleeve Lock, Valve Actuator, Steam compatibility

Markets:

- Industrial
- Construction
- Chemical Processing
- Commercial Cleaning
- Agriculture

Features/Benefits:

- Globally interchangeable with other manufacturer's couplings complying to ISO 7241 series B
- Multi-purpose coupling, widely used in varied applications
- Steel couplers have a hardened sleeve for strength and durability
- Metal valve stop prevents flow checking to provide steady performance
- Steam version couplers have Ethylene Propylene seals to withstand high temperatures and the 3/8" has a grip-ring sleeve for easy operation when wearing gloves
- Brass couplers have double O-rings for redundant sealing and stainless steel locking balls for corrosion resistance
- 316 Stainless steel couplers have Fluorocarbon seals for chemical compatibility
- Optional coupler sleeve lock helps to prevent accidental disconnection

Applications:

- Industrial hydraulic lines
- Food and chemical processing
- Water and coolant lines
- Thermal Management
- High pressure fluid transfer
- High temperature fluid transfer
- Mobile equipment
- Cleaning equipment

- Dry cleaning
- Steam systems

TECH SPECIFICATIONS

MINIMUM OPERATING TEMPERATURE	-40 °C
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HEX SIZE	1.62 inch
PRODUCT TYPE	Manual Connect
SPECIFICATIONS MET	ISO 7241-1 Series B
VACUUM PRESSURE RATING	27.4 inch-Hg
FLOW RATE	50 gal/min
VALVE TYPE	Poppet
FLOW RATE	189 L/min
MAXIMUM OPERATING TEMPERATURE	250 °F
PLATING TYPE	n/a
MAXIMUM OPERATING TEMPERATURE	121 °C
VACUUM PRESSURE RATING	-0.9 bar
VALVE MATERIAL	Stainless Steel 303
DIVISION	Quick Coupling Division
BODY MATERIAL	Stainless Steel