

Parker Product Datasheet



Parker's high pressure stainless steel, non-spill, flat face hydraulic couplers are available in a wide range of sizes for use in hydraulic applications where fluid lines require fast and easy connection and disconnection with minimal spillage.

PART NUMBER: 71-3C16-16F
MAXIMUM OPERATING PRESSURE: 7500
CONNECTION TYPE: Female NPTF
BODY MATERIAL: Steel
COUPLING HALF: Female Coupler
CONNECTION THREAD SIZE (INCH): 1 - 1 1/2
BODY SIZE (INCH): 1

PRODUCT OVERVIEW

Parker's 71 series Hydraulic Couplers, formerly Snap-tite 71 Series Couplers, connect with 71 Series Nipples. They are designed for working pressures up to 10,000 psi. These are double shut-off, non-spill, flat face hydraulic push to connect quick couplings for high pressure applications. 71 Series quick connect fittings are available in a wide range of sizes up to 2 inch with material options including steel, 316 stainless steel, or high pressure stainless steel.

Note: The 71-3 style couplers and nipples are interchangeable with the previous Snap-tite design couplers and nipples in sizes 3/8', 1/2', and 3/4'. Old style 1' couplers and nipples (71-2C16 and 71-2N16) are not interchangeable with the 71-3 design.

Technical Characteristics:

- Sizes: 1/4" – 2"
- Materials: Steel, 316 Stainless Steel, High Pressure Stainless Steel
- Port Ends: Female NPTF, Female SAE
- Seal Options: Nitrile, Fluorocarbon, Ethylene Propylene
- Other Coupler options include: Sleeve Lock

Markets:

- Industrial
- Oil and Gas
- Construction

Features/Benefits:

- Push-to-connect operation makes connection easy
- Corrosion resistant 316 stainless steel and high pressure stainless steel material options for demanding applications
- Non-spill, flat face hydraulic valves minimize fluid loss when disconnecting to reduce environmental contamination and avoid safety hazards caused by spillage.
- Hydraulic flat face valves minimize the amount of air that can enter the system when connecting fluid lines

Applications:

- In-plant equipment
- Oil exploration and production
- Construction Equipment

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	250 °F
DIVISION	Quick Coupling Division
MINIMUM OPERATING TEMPERATURE	-40 °F
APPLICATION	Hydraulics
BODY MATERIAL	Steel
PRODUCT TYPE	Push to Connect
PLATING TYPE	Zinc with Clear Trivalent Chromate
HEX SIZE	2 inch
SEAL MATERIAL	Nitrile
VALVE TYPE	Non-spill