

Parker Product Datasheet



Parker's heavy duty thread to connect quick couplers and nipples are used in rugged hydraulic applications where fluid lines require connection and disconnection while either the coupler or nipple are under residual pressure.

PART NUMBER: 75N16-16F-DBP
MAXIMUM OPERATING PRESSURE: 5000
SPECIFICATIONS MET: API 16D
CONNECTION TYPE: Female NPSF
COUPLING HALF: Male Nipple
SLEEVE TYPE: na
CONNECTION THREAD SIZE (INCH): 1 - 1 1/2
BODY SIZE (INCH): 1

PRODUCT OVERVIEW

75 Series Couplers (hydraulic) up to 5,000 psi connect with 75 Series Nipples. Parker's 75 Series are double shut-off, connect under pressure, thread-to-connect quick couplings. The 3/4' size has a hex nut sleeve. All other sizes have a wing nut style connection. Couplers and nipples are available in a wide range of sizes and steel or stainless steel materials. API 16D BOP version is available in 3/4' to 2' sizes. Contact us for availability.

Technical Characteristics:

- Sizes: 3/4" – 3"
- Materials: Steel plated, 316 Stainless Steel
- Port Ends: Female Pipe NPTF for Steel, NPT for 316 Stainless Steel
- Seal Options: Nitrile, Fluorocarbon

- Other Coupler options include: 'Fire Safe' BOP version 3/4' - 2' steel sizes only

Markets:

- Oil and gas
- Construction

Features/Benefits:

- Thread to connect wing nut makes a secure connection in rugged conditions
- Connect fluid lines under residual pressure
- Steel or corrosion resistant 316 stainless steel construction
- API 16D option for BOP use

Applications:

- High pressure hydraulic systems
- Oil fields and offshore drilling rigs
- Cranes
- Power tongs
- Horizontal boring
- Dewatering

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	n/a
DIVISION	Quick Coupling Division
MINIMUM OPERATING TEMPERATURE	n/a
SPECIFICATIONS MET	API 16D
APPLICATION	Connect Under Pressure
APPLICATION	High Pressure Hydraulics
BODY MATERIAL	Steel
PRODUCT TYPE	Thread to Connect
PLATING TYPE	Zinc with Clear Trivalent Chromate
HEX SIZE	n/a inch

SEAL MATERIAL

n/a

VALVE TYPE

Poppet