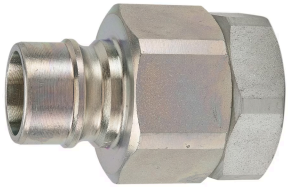
Parker Product Datasheet



General purpose, snap-tite design quick couplings for applications where fluid lines up to 4' require fast and easy connection and disconnection. Many sizes, ports and material options.

PART NUMBER: VHN16-16RP
BODY MATERIAL: Steel
MAXIMUM OPERATING PRESSURE: 2000
CONNECTION THREAD SIZE (INCH): 1 - 11 1/2
VALVE TYPE: Poppet
CONNECTION TYPE: Female BSPP
COUPLING HALF: Male Nipple
BODY SIZE (INCH): 1

PRODUCT OVERVIEW

H Series Couplers (hydraulic, fluids) up to 11,000 psi connect with H and PH Series Nipples. These original Snap-tite H Series quick disconnects are truely multi-purpose. H Series Nipples connect with H and PH Series Couplers. With sizes up to 4”, this coupling can be valved on both sides, single shut-off, or full flow. Both male and female port ends as well as many material options and the widest range of sizes available, make the Snap-tite H Series an ideal quick connection for a variety of applications.

Double or single shut off - Couplers and nipples are compatible to connect with or without valves, in any combination.

Full flow option - Rated for pressure ranges up to 11,000 psi max when used as a straight through, unvalved connection where both coupler and nipple are plain or without valves.

Connect under pressure option - PH Series couplers allow connection with H Series valved nipples when there is residual pressure on the PH Coupler side. It is recommended that only one half of the connection (coupler or nipple) be a PH Series, not both.

Technical Characteristics:
• Sizes: 1/4” – 4”
• Materials: Steel, Aluminum, Brass, 316 Stainless Steel
• Port Ends: Male NPT, Female NPTF, Female SAE, Male SAE 37 degree Flare
• Seal Options: Nitrile, Fluorocarbon, Ethylene Propylene

Markets:
• Industrial
• Construction
• Oil and Gas
• Agriculture

Features/Benefits:
• Original Snap-tite H Series multi-purpose coupling, widely used in varied applications
• Widest range of sizes up to 4'
• Couplers and nipples are compatible to connect with or without valves, in any combination
• PH Series connect under pressure version allows connection of lines with residual pressure caused by thermal expansion
• Male port end options add versatility
• Optional sleeve lock helps to prevent accidental disconnection

Applications:
• Industrial hydraulic lines
• Food and chemical processing
• Water and coolant lines
• High pressure fluid transfer
• Mobile equipment
• Cleaning equipment

TECH SPECIFICATIONS

APPLICATION	Hydraulic, General Purpose
DIVISION	Quick Coupling Division

PLATING TYPE	Zinc with clear trivalent chromate
SEAL MATERIAL	Nitrile
HEX SIZE	1.88 inch
VALVE TYPE	Poppet
PRODUCT TYPE	Manual Connect
BODY MATERIAL	Steel
MAXIMUM OPERATING TEMPERATURE	250 °F
MINIMUM OPERATING TEMPERATURE	-40 °F