

Hydraulic Quick Release Couplings



2. Hydraulic Quick Release Couplings

VFF1 Series, Wing Nut Screw Couplings

Interchangeability: Snap-Tite 78
 Occlusion: flat face
 Locking: screw
 Material: brass and steel
 Steel Finishing: Zn-Fe (Cr III)

Threads: NPT
 Standard Seals: Nitrile
 Optional Seals: Viton, EPDM
 Connection Under Pressure: not suggested

Working Temperature:
-25°C to +100°C

Maximum Working Pressure:
210 bar

Tech Sheet 20492



Coupling, NPT

0457		ISO		£
VFF1.2013.013	1/2"	19	210	63.25
VFF1.2019.013	3/4"	19	210	63.25
VFF1.2525.013	1"	25	210	84.50
VFF1.3031.013	1.1/4"	31.5	190	112.80
VFF1.3939.013	1.1/2"	40	170	153.60



Plug, NPT

0457		ISO		£
VFF1.2013.012	1/2"	19	210	63.25
VFF1.2019.012	3/4"	19	210	63.25
VFF1.2525.012	1"	25	210	80.00
VFF1.3031.012	1.1/4"	31.5	190	108.95
VFF1.3939.012	1.1/2"	40	170	169.25

VFH1 Series, Wing Nut Screw Couplings

Wing style screw to connect, 5,000 psi/350 bar working pressure, heavy duty design, high flow rate, heavy duty acme threads. VFH1 series has a universal design that can be used in any industry, used frequently in oilfield applications, applications needing high working pressures and high flow rates, oilfield services such as coiled tubing units, snubbing units, power swivels and much more.

Interchangeability: Snap-Tite 75
 Occlusion: poppet
 Locking: screw
 Material: steel
 Steel Finishing: Zn-Fe (Cr III)
 Available Threads: NPT
 Standard Seals: Nitrile

Optional Seals: Viton, EPDM
 Connection Under Pressure: allowed (both male or female side)
 Maximum Residual Pressure: 100 bar

Working Temperature:
-25°C to +100°C

Maximum Working Pressure:
350 bar

Tech Sheet 20493



Coupling, NPT

0457		ISO		£
VFH1.2019.013	3/4"	19	350	68.30
VFH1.2525.013	1"	25	350	108.00
VFH1.3031.013	1.1/4"	31.5	350	178.10
VFH1.3939.013	1.1/2"	40	350	242.90
VFH1.5051.013	2"	50	350	457.20



Plug, NPT

0457		ISO		£
VFH1.2019.012	3/4"	19	350	42.20
VFH1.2525.012	1"	25	350	70.65
VFH1.3031.012	1.1/4"	31.5	350	124.60
VFH1.3939.012	1.1/2"	40	350	227.15
VFH1.5051.012	2"	50	350	359.20

PVE1 Series, Screw Couplings

Interchange: faster CVE
 Occlusion: poppet
 Locking: screw
 Material: steel
 Finishing: Zn-Fe (Cr III)
 Threads: BSP

Standard Seals: Nitrile
 Optional Seals: Viton, EPDM and more
 Connection Under Pressure: not suggested

Working Temperature:
-25°C to +100°C

Maximum Working Pressure:
350 bar

Tech Sheet 68223



Coupling, BSPP

0457		ISO		£
PVE1.2019.002	3/4"	19	350	38.10
PVE1.2525.002	1"	25	350	59.40



Plug, BSPP

0457		ISO		£
PVE1.2019.003	3/4"	19	350	40.00
PVE1.2525.003	1"	25	350	53.45

ISO 19 Protection Caps & Plugs



Female Dust Plug

0457	To Suit	Material	£
SPVE.20202	ISO 19	Steel	16.15
SPVE.25202	ISO 25	Steel	16.15



Male Dust Cap

0457	To Suit	Material	£
SPVE.20203	ISO 19	Steel	16.15
SPVE.25203	ISO 25	Steel	16.15