



FVEP Screw Couplings for High Pressure Applications



Connect and Disconnect with up to 5,075 psi Residual Pressure



- Zinc Nickel Plated Carbon Steel
- Rated for 1,200 Hours Protection Against White and Red Rust
- Large body size – 1/2" to 1-1/4"
- Operating temperatures with Nitrile Seals: -40°F to 223°F

- Screw Thread Connection Eliminates Brinelling
- Orange Seal for Proper Connection Verification
- Socket Sleeve can be Pushed Back for Access to the Mating Face
- Flat Face Design Prevents Fluid Loss During Disconnection



Call ZSi-Foster at (866) 918-3003 or order now at ZSi-Foster.com



FVEP Screw Couplings for High Pressure Applications



Mobile Hydraulic Equipment OEMs & Aftermarket



FVEP-16S-12

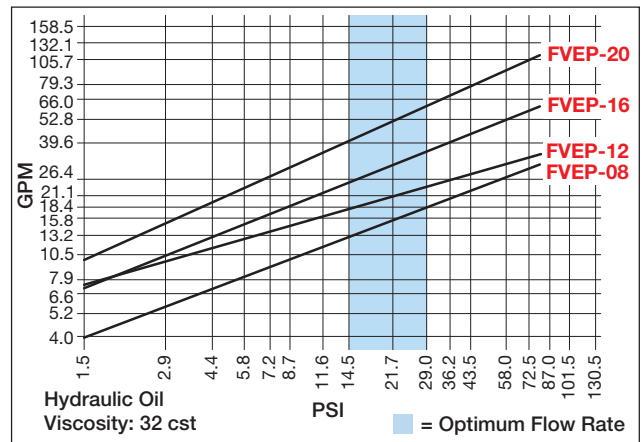
Series
FVEP = Screw Connect Flat Face Couplers

Body Size
08 = 1/2" Body Size
12 = 3/4" Body Size
16 = 1" Body Size
20 = 1-1/4" Body Size

Type
S = Socket
P = Plug

Thread Size & Type
08 = 1/2" Female NPT
12 = 3/4" Female NPT
16 = 1" Female NPT
20 = 1-1/4" Female NPT
24 = 1-1/2" Female NPT
12ORB = 1-1/16" Female ORB
16ORB = 1-5/16" Female ORB
20ORB = 1-5/8" Female ORB

PRESSURE DROP CHARACTERISTICS



Part No.	Type	Finish	Body Size	Thread Size	Max. Working Pressure Psi	Socket Burst Pressure Psi	Plug Burst Pressure Psi	Combined Burst Pressure Psi	Weight Each (lbs)						
FVEP-08S-08	Socket	Zinc Nickel Plated Carbon Steel	1/2"	1/2" Female NPT	7,975	14,500	20,300	20,300	1.2						
FVEP-08P-08	Plug								1.3						
FVEP-12S-12	Socket	Zinc Nickel Plated Carbon Steel	3/4"	3/4" Female NPT	7,975	14,500	20,300	20,300	1.7						
FVEP-12P-12	Plug								1.5						
FVEP-12S-12ORB	Socket			1-1/16"-12 Female ORB					1.6						
FVEP-12P-12ORB	Plug								1.4						
FVEP-16S-12	Socket	Zinc Nickel Plated Carbon Steel	1"	3/4" Female NPT	7,250	15,225	20,300	20,300	2.5						
FVEP-16P-12	Plug								2.3						
FVEP-16S-12ORB	Socket			1-1/16"-12 Female ORB					2.5						
FVEP-16P-12ORB	Plug								2.3						
FVEP-16S-16	Socket			1" Female NPT					2.4						
FVEP-16P-16	Plug								2.3						
FVEP-16S-16ORB	Socket			1-5/16"-12 Female ORB					2.4						
FVEP-16P-16ORB	Plug								2.2						
FVEP-20S-20	Socket			Zinc Nickel Plated Carbon Steel					1-1/4"	1-1/4" Female NPT	6,815	14,500	18,850	18,850	3.8
FVEP-20P-20	Plug														3.2
FVEP-20S-20ORB	Socket	1-5/8"-12 Female ORB	3.8												
FVEP-20P-20ORB	Plug		3.2												

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