

Dixon Blowout Prevention Couplings

Application:

- designed specifically for blow-out prevention systems on drilling rigs

Product Offering:

- VEP-BOP Series:
 - thread to connect flush face interchange
 - $\frac{3}{8}$ " to $1\frac{1}{2}$ " in Steel
- H-BOP Series:
 - ISO-B interchange
 - $\frac{1}{2}$ " to 1" in Steel and 316 stainless
- WS-BOP Series:
 - same reliable Wing coupling you know, new red components
 - $\frac{3}{4}$ " to 2" in Steel and 316 stainless

Features:

- fire tested and Lloyd's certified to 700°C (1300°F) in accordance with API 16D, certificate available upon request
- certified at a test pressure of 5,000 PSI
- red powder coated components and external seals provide easy BOP approved identification
- critical seals are FKM



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WS-BOP Series Hydraulic Couplings

Interchange Data:

- Snap-Tite 75-Series, DNP VFF-HD BOP Series

Seal Components:

- Blow-out Prevention (BOP) couplings contain severe service FKM seals
- PTFE Anti-Extrusion ring protects main coupling valve seal from dynamic impulse pressure damage
- Main valve seal is “housed” to improve seal integrity during pressurised connection/disconnection

Materials:

- Machined components are manufactured using solid Steel or 316 Stainless Steel bar stock
- Stainless Steel retaining rings, and springs maximise corrosion resistance and extend service life
- Steel componentry is plated using ROHS Compliant Zinc Nickel
- Rugged high-strength Steel wing nut for threaded connect and disconnect operation
- 316 Stainless Steel nipple connection-threads are coated to prevent galling during connection/disconnection
- Red powder coated coupler wing-nut and external nipple O-ring for easy BOP service identification

- **BOP couplings have been fire tested and Lloyd’s certified to 700°C (1300°F) in accordance with API 16D. Certificate available upon request**

- Use WS dust caps and dust plugs found on page 40

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Rated Pressure Chart:

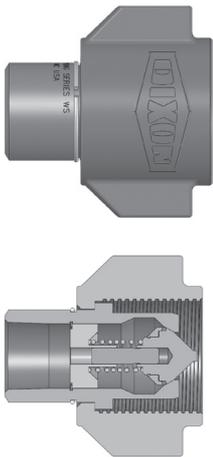
WS-BOP SERIES HIGH PRESSURE WINGSTYLE INTERCHANGE (CONNECTED)								
BODY SIZE	STEEL COUPLER/PLUG				316 STAINLESS STEEL COUPLER/PLUG			
	Max. Working		Burst		Max. Working		Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
3/4"	5,000	345	32,800	2,200	5,000	345	20,000	1,400
1"	5,000	345	25,100	1,700	5,000	345	20,000	1,400
1 1/4"	5,000	345	25,100	1,700	5,000	345	15,000	1,000
1 1/2"	5,000	345	20,000	1,400	5,000	345	15,000	1,000
2"	5,000	345	15,000	1,000	5,000	345	15,000	1,000

Technical Specifications:

BODY SIZE	FUNCTIONAL PARAMETERS					LLOYD’S TEST PRESSURE
	LOCKING MECHANISM	AIR INCLUSION	FLUID LOSS	VACUUM INCH HG	FLOW ΔP = 30 PSI L/MIN	PSI
3/4"	Threaded	10cc	10cc	27.4	132	5,000
1"	Threaded	23cc	15cc	27.4	244	5,000
1 1/4"	Threaded	50cc	30cc	27.4	395	5,000
1 1/2"	Threaded	100cc	60cc	27.4	602	5,000
2"	Threaded	200cc	135cc	27.4	1015	5,000



Quick Release Couplings

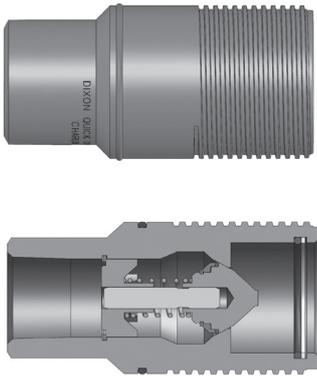


(Female Thread)

WS-BOP SERIES BLOWOUT PREVENTION SAFETY COUPLER

PART NO	BODY SIZE	THREADS SIZE	BODY MATERIAL
6WSF4-BOP	3/4"	1/2" - 14 NPTF	Steel
6WSF6-BOP	3/4"	3/4" - 14 NPTF	Steel
6WSF6-SS-BOP	3/4"	3/4" - 14 NPTF	316 Stainless Steel
8WSF8-BOP	1"	1" - 11 1/2 NPTF	Steel
8WSF8-SS-BOP	1"	1" - 11 1/2 NPTF	316 Stainless Steel
10WSF10-BOP	1 1/4"	1 1/4" - 11 1/2 NPTF	Steel
10WSF10-SS-BOP	1 1/4"	1 1/4" - 11 1/2 NPTF	316 Stainless Steel
12WSF12-BOP	1 1/2"	1 1/2" - 11 1/2 NPTF	Steel
12WSF12-SS-BOP	1 1/2"	1 7/8" - 11 1/2 NPTF	316 Stainless Steel
16WSF16-BOP	2"	2" - 11 1/2 NPTF	Steel
16WSF16-SS-BOP	2"	2" - 11 1/2 NPTF	316 Stainless Steel

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(Female Thread)

WS-BOP SERIES BLOWOUT PREVENTION SAFETY NIPPLE

PART NO	BODY SIZE	THREADS SIZE	BODY MATERIAL
WS6F4-BOP	3/4"	1/2" - 14 NPTF	Steel
WS6F6-BOP	3/4"	3/4" - 14 NPTF	Steel
WS6F6-SS-BOP	3/4"	3/4" - 14 NPTF	316 Stainless Steel
WS8F8-BOP	1"	1" - 11 1/2 NPTF	Steel
WS8F8-SS-BOP	1"	1" - 11 1/2 NPTF	316 Stainless Steel
WS10F10-BOP	1 1/4"	1 1/4" - 11 1/2 NPTF	Steel
WS10F10-SS-BOP	1 1/4"	1 1/4" - 11 1/2 NPTF	316 Stainless Steel
WS12F12-BOP	1 1/2"	1 1/2" - 11 1/2 NPTF	Steel
WS12F12-SS-BOP	1 1/2"	1 7/8" - 11 1/2 NPTF	316 Stainless Steel
WS16F16-BOP	2"	2" - 11 1/2 NPTF	Steel
WS16F16-SS-BOP	2"	2" - 11 1/2 NPTF	316 Stainless Steel