

WS-Series Blowout Prevention Safety Coupling

- Fire tested and Lloyd's certified to 700°C (1300°F) in accordance with API 16D (Certificate #NAO 0601041/1)
- Designed for hazardous area service where couplings are required to operate under fire conditions in an emergency
- Sleeve is cast using a unique process that provides better surface finishes, tighter tolerance control, and excellent repeatability
- Blowout Prevention Couplings are individually marked with the BOP series designation and manufacturing date code



PERFORMANCE SPECIFICATIONS	OPERATING bar (psi)	COUPLED BURST bar (psi)	FLOW RATE ΔP=2 bar	LOCKING MECHANISM
3/4" Steel	345 (5,000)	1,380 (20,000)	157 LPM (40 GPM)	Threaded
1" Steel	345 (5,000)	1,380 (20,000)	227 LPM (60 GPM)	Threaded
1 1/4" Steel	345 (5,000)	1,035 (15,000)	310 LPM (82 GPM)	Threaded
1 1/2" Steel	345 (5,000)	1,035 (15,000)	416 LPM (110 GPM)	Threaded
2" Steel	345 (5,000)	1,035 (15,000)	908 LPM (240 GPM)	Threaded

Please Note: To calculate the working pressure of 316SS parts, multiply the above Operating Pressures by 0.35

WS-SERIES BLOWOUT PREVENTION SAFETY COUPLING (COUPLER)



(Female Thread)

Wrench flats are pictured, non-flat fittings are standard

PART NO.	BODY SIZE	THREAD 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 SS
6WSBF6-BOP	3/4"	G3/4" BSPP	Steel
8WSF8-BOP	1"	1"-11 1/2 NPTF	Steel
8WSF8-SS-BOP *	1"	1"-11 1/2 NPTF	316 SS
8WSBF8-BOP	1"	G1" BSPP	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 SS
10WSBF10-BOP	1 1/4"	G1 1/4" BSPP	Steel
12WSF12-BOP	1 1/2"	1 1/2"-11 1/2 NPTF	Steel
12WSF12-SS-BOP *	1 1/2"	1 1/2"-11 1/2 NPTF	316 SS
12WSBF12-BOP	1 1/2"	G1-1/2" BSPP	Steel
16WSF16-BOP	2"	2"-11 1/2 NPTF	Steel
16WSF16-SS-BOP *	2"	2"-11 1/2 NPTF	316 SS
16WSBF16-BOP	2"	G2" BSPP	Steel

WS-SERIES BLOWOUT PREVENTION SAFETY COUPLING (NIPPLE)



(Female Thread)

Wrench flats are pictured, non-flat fittings are standard

PART NO.	BODY SIZE	THREAD 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 SS
WS6BF6-BOP	3/4"	G3/4" BSPP	Steel
WS8F8-BOP	1"	1"-11 1/2 NPTF	Steel
WS8F8-SS-BOP *	1"	1"-11 1/2 NPTF	316 SS
WS8BF8-BOP	1"	G1" BSPP	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 SS
WS10BF10-BOP	1 1/4"	G1 1/4" BSPP	Steel
WS12F12-BOP	1 1/2"	1 1/2"-11 1/2 NPTF	Steel
WS12F12-SS-BOP *	1 1/2"	1 1/2"-11 1/2 NPTF	316 SS
WS12BF12-BOP	1 1/2"	G1 1/2" BSPP	Steel
WS16F16-BOP	2"	2"-11 1/2 NPTF	Steel
WS16F16-SS-BOP *	2"	2"-11 1/2 NPTF	316 SS
WS16BF16-BOP	2"	G2" BSPP	Steel

* Stainless Steel models have an extended lead time as they are built-on-demand. Contact factory for details.