

## 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)

*This certificate applies to the 1" size only. During the certification for the 1" size, Dixon was advised by Lloyds during the process that the 1" would set the precedence for the rest of the series and sizes. Dixon confirm that all other sizes of WS-Series BOP Couplings (3/4", 1-1/4", 1-1/2", 2") are manufactured to the same quality and standard as the 1". Copies of this certification are available.*

- 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



(Female Thread)

Wrench flats are pictured, non-flat fittings are standard

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

### WS-SERIES BLOWOUT PREVENTION SAFETY COUPLING (COUPLER)

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



(Male Thread)

Wrench flats are pictured, non-flat fittings are standard

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### WS-SERIES BLOWOUT PREVENTION SAFETY COUPLING (NIPPLE)

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