

## 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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## VEP-BOP Series Hydraulic Couplings

### Interchange Data:

- Stucchi VEP/VEP-HD Series, DNP FSI-BOP Series

### Seal Components:

- Blow-out Prevention (BOP) coupling critical seals are severe service FKM
- PTFE Anti-Extrusion ring protects main coupling valve seal from dynamic impulse pressure damage

### Materials:

- Machined components are manufactured using solid Steel bar stock
- Stainless Steel retaining rings and springs maximise corrosion resistance and extend service life
- Steel components are plated using ROHS Compliant Zinc Nickel
- Red powder coated components and external O-rings 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 VEP dust caps and dust plugs found on page 22

LLOYD'S TEST PRESSURE	
BODY SIZE	PSI
3/8"	5,000
1/2"	5,000
3/4"	5,000
1"	5,000
1 1/4"	5,000
1 1/2"	5,000

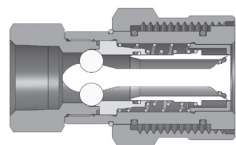
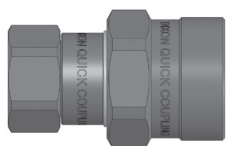
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### Rated Pressure Chart:

VEP-BOP SERIES INTERCHANGE																
BODY SIZE	PRESSURE RATING				BURST PRESSURE						MAX. PRESSURE CONNECT		MAX. PRESSURE DISCONNECT		RATED FLOW ΔP=21.75 PSI	
	ISO WORKING		MAX. IMPULSE		CONNECTED		COUPLER		PLUG		PSI	MPA	PSI	MPA	L/MIN	
	PSI	MPA	PSI	MPA	PSI	MPA	PSI	MPA	PSI	MPA						
3/8"	5,500	38	8,000	55	22,000	152	18,000	124	20,000	138	4,500	31	4,500	31	40	
1/2"	5,500	38	8,000	55	22,000	152	18,000	124	20,000	138	4,500	31	4,500	31	66	
3/4"	5,500	38	8,000	55	22,000	152	18,000	124	20,000	138	4,500	31	4,500	31	85	
1"	5,500	38	7,500	52	22,000	152	14,500	100	20,000	138	3,625	25	3,625	25	123	
1 1/4"	5,000	35	7,000	48	20,000	138	14,500	100	16,000	110	3,625	25	3,625	25	174	
1 1/2"	5,000	31	5,800	40	18,000	124	12,000	83	14,500	100	3,000	21	3,000	21	360	

Contact Dixon for availability of other end configurations.

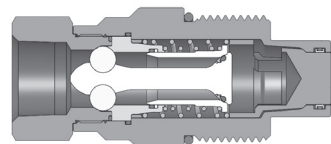
# Quick Release Couplings



(Female Thread)

## VEP-BOP SERIES BLOWOUT PREVENTION SAFETY COUPLER

PART NO	BODY SIZE	THREADS SIZE	BODY MATERIAL
3VEP3-BOP	3/8"	3/8" - 18 NPTF	Steel
4VEPF4-BOP	1/2"	1/2" - 14 NPTF	Steel
6VEPF6-BOP	3/4"	3/4" - 14 NPTF	Steel
8VEPF8-BOP	1"	1" - 11 1/2 NPTF	Steel
10VEPF10-BOP	1 1/4"	1 1/4" - 11 1/2 NPTF	Steel
12VEPF12-BOP	1 1/2"	1 1/2" - 11 1/2 NPTF	Steel



(Female Thread)

## VEP-BOP SERIES BLOWOUT PREVENTION SAFETY NIPPLE

PART NO	BODY SIZE	THREADS SIZE	BODY MATERIAL
VEP3F3-BOP	3/8"	3/8" - 18 NPTF	Steel
VEP4F4-BOP	1/2"	1/2" - 14 NPTF	Steel
VEP6F6-BOP	3/4"	3/4" - 14 NPTF	Steel
VEP8F8-BOP	1"	1" - 11 1/2 NPTF	Steel
VEP10F10-BOP	1 1/4"	1 1/4" - 11 1/2 NPTF	Steel
VEP12F12-BOP	1 1/2"	1 1/2" - 11 1/2 NPTF	Steel

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