

Control Flow IBOP Catalog



A Division of Control Flow, Inc.

Flocon IBOP

The proven inside preventer.

Simple, dependable and effective, the Flocon IBOP is your first line of defense against most inside blowout hazards. By preventing high pressure backflow through the drill string, the Flocon IBOP helps protect your crew, the swivel, stand-pipe and pumps, while drilling or tripping, when seconds count!

Flocon's IBOP can be run downhole, right through all conventional BOP stacks. What's more, it can be left in-line and run as deep as necessary while permitting drilling fluids to flow freely down the stem. Unlike downhole preventers, you don't have to trip the whole string to install, inspect or remove Flocon's IBOP.

1. Heavy duty construction.

The IBOP is built to withstand today's heavier drill string loads, higher pressures (up to 15,000 psi), abrasive extremes and there's a Flocon IBOP model to fit all common tool joint and drill pipe specs.

2. Large sealing area.

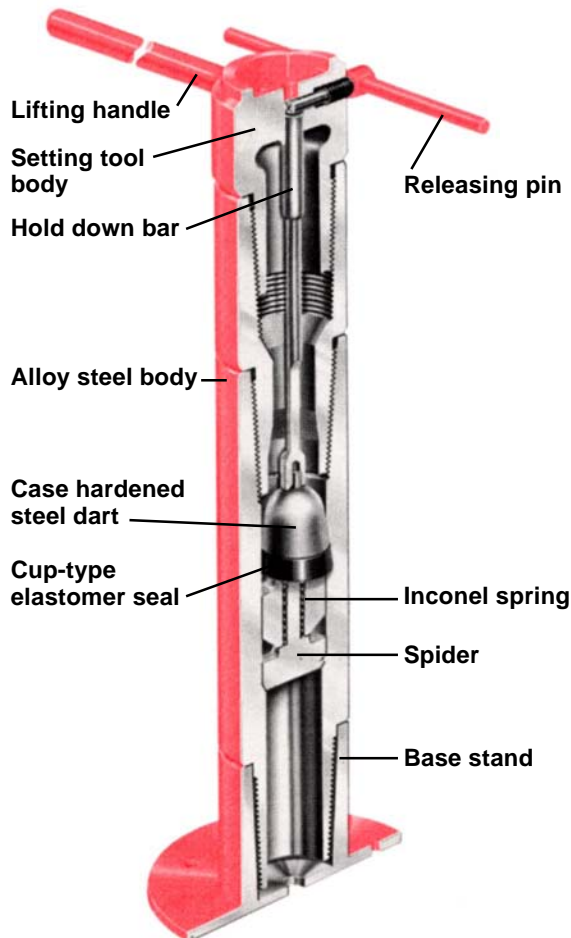
Flocon's conical, case hardened steel dart and durable, elastomer seat provide a positive seal even when abrasion and severe service have severely damaged the seat. It's that good!

3. Outstanding flow characteristics.

Our unique dart configuration and broad sealing surface dramatically reduces cutting action for superior downhole flow throughout the kill.

4. Fast, five-step operation.

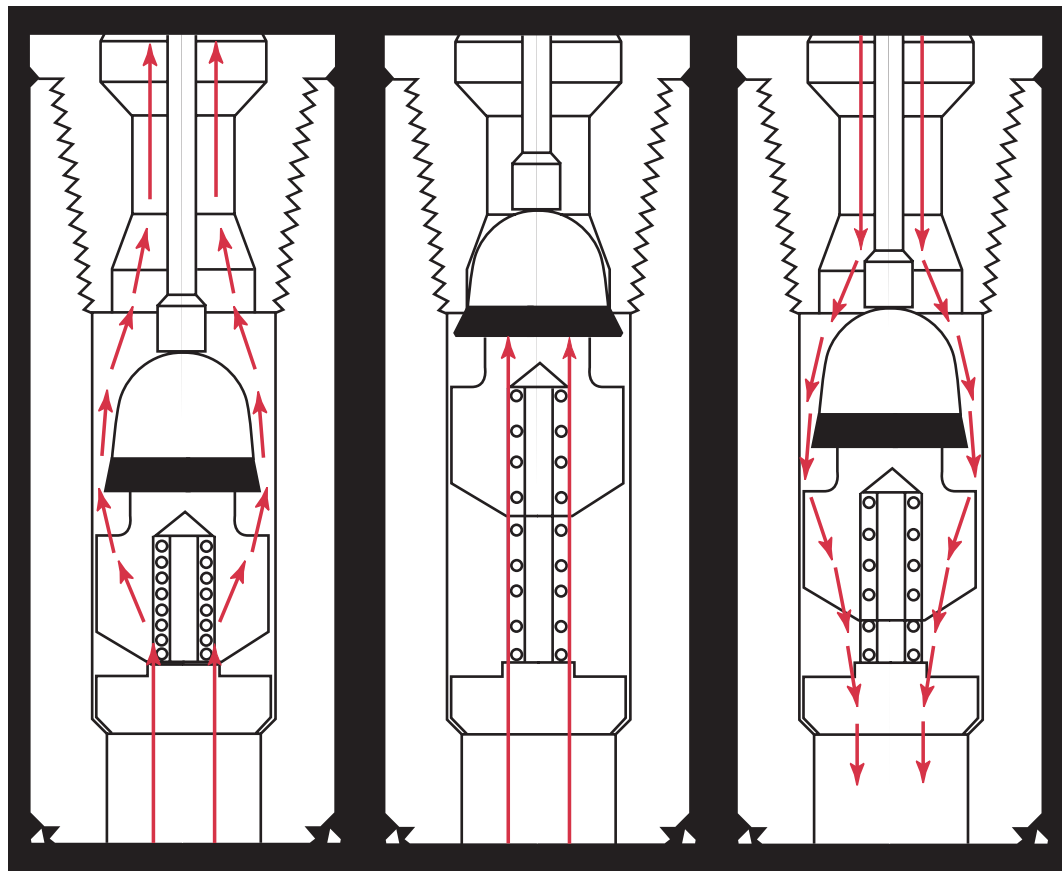
Stab it, spin it with its built-in handles, torque it, unscrew the releasing pin and back the setting tool out of the sealing sub. That's all there is to it. You can then stab the kelly or pipe and run the string in to kill the blowout below the BOP stack if necessary. Your crew's protected, your hardware's protected. It's that simple. It's that effective.



Inside Blowout Preventer Specifics

Item Number				
Number Required				
Recommended Spares				
Nominal Size (in.)	O.D. (in.)	Length (in.)	Assy	
2 3/8 Up. Tbg.	3 1/4	11 1/4	700046	
2 7/8 Up. Tbg.	3 3/4	14 15/16	700047	
3 1/2 Full Hole	4 5/8	18 5/8	700045	
3 1/2 Up. Tub.	4 3/4	20 3/8	700032	
3 1/2 IF	4 3/4	18 1/2	700008	
4 IF	5 3/4	20	700013	
4 Full Hole	5 1/4	19 1/2	700011	
4 1/2 Up. Eve	5 5/8	20 3/8	700064	
4 1/2 IF	6 1/8	20 5/8	700016	
4 1/2 IF HP	6 1/4	20 5/8	700017	
4 1/2 IF HP	6 3/8	20 5/8	700049	
4 1/2 Full Hole	5 3/4	19 5/8	700014	
4 1/2 API Full Hole	6	19 5/8	700037	
4 1/2 API Full Hole	6 1/8	20 3/8	700040	
4 1/2 API Full Hole	6 1/4	19 5/8	700054	
4 1/2 Xtra Hole	6	20 3/8	700035	
4 1/2 Xtra Hole	6 1/4	20 3/8	700036	
5 Xtra Hole	6 1/4	20 5/8	700053	
5 1/2 API Full Hole	7	23 3/4	700041	

Flocon's unique dart and seat design offers superior downhole fluid flow.



1. Prior to pin removal, backflow is virtually unrestricted.

2. Releasing pin removed. Backflow prevented.

3. Large diameter lessens flow restriction and dart turbulence, permits high volume flow-by.

Configurations and Part Numbers

	1	2	3	4	5	6	7	8	9	10	11
	1	1	1	1	1	1	1	1	1	1	1
					1	1	1				
	Main Sub	Sealing Sub	Body	Spider	Spring	Dart	Dart Rubber				Handle
	700100	700392	700102	700393	700395	700394	700124	700396	700111	700109	700141
	700114	700400	700116	700399	700122	700401	700265	700138	700123	700109	700141
	700223	700222	700200	700354	700122	700355	700265	700189	700196	700109	700141
	700253	700254	700255	700188	700122	700192	700265	700193	700252	700109	700141
	700190	700191	700186	700188	700122	700192	700265	700193	700182	700109	700141
	700249	700250	700251	700286	700243	700311	700118	700259	700296	770247	700141
	700389	700387	700276	700388	700243	700386	700118	700189	700273	700109	700141
	700475	700476	700477	700188	700122	700192	700265	700193	700478	700109	700141
	700260	700261	700240	700241	700243	700244	700245	700246	700238	770247	700141
	700292	700293	700240	700241	700243	700244	700245	700246	700238	770247	700141
	700409	700410	700240	700241	700243	700244	700245	700246	700238	770247	700141
	700330	700331	700307	700286	700243	700311	700118	700288	700304	770247	700141
	700333	700332	700307	700286	700243	700311	700118	700303	700304	770247	700141
	700338	700339	700307	700286	700243	700311	700118	700288	700304	770247	700141
	700425	700424	700426	700286	700243	700311	700118	700288	700304	770247	700141
	700320	700321	700316	700286	700243	700311	700118	700322	700296	770247	700141
	700326	700327	700316	700286	700243	700311	700118	700322	700296	770247	700141
	700292	700293	700240	700241	700243	700244	700245	700246	700238	770247	700141
	700360	700369	700362	700363	700345	700368	700366	700367	700359	770247	700141