

ProStopp DS™

Double Block and Bleed Isolation Tool

Size: 6- to 12-inch



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Description

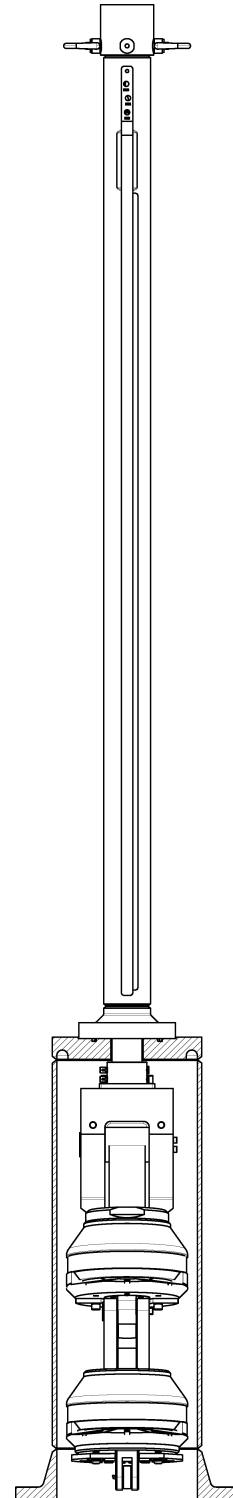
ProStopp DS is a double block and bleed isolation tool designed to efficiently and economically block flow in a pipeline for repairs, relocations, or tie-ins. This hydraulically activated isolation tool uses an energized seal which allows for one sealing element to cover multiple wall thickness per nominal pipe size. The sealing elements can also be used more than once. The double block and bleed feature increases sealing success while decreasing overall risk and completion time.

Features

Once the tool has been inserted into the pipeline, the ProStopp DS sealing elements expand to compress against the inner wall of the pipe. An integrated chip sweep allows for sweeping without the need for separate tools. The plugging head is smaller than the pipeline inner diameter allowing for easier insertion and retraction.

The ProStopp DS is designed for use with existing TDW SHORSTOPP® fittings and valves, as well as the SHORTCUTT® valve. The energized seal accommodates all wall thicknesses from Sch 10-60 and bleeds through the housing to eliminate the need for a purge fitting between the two plugging heads.

ProStopp DS maximum isolation pressure is 285 psi (19 bar), and can be used in carbon steel lines for gas, liquid, or refined oil products at temperatures from 10°F to 180°F.





ProStopp DS Isolation Tool

Tool Stack-up/Stroke Calculation

Size		Weld Tee		Spherical Tee 150#		3-Way Tee 150#		Split Tee 300D		Spherical Tee 300D (.5DF)		Spherical Tee 300D	
Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
6	152	30	762	31	787	38	965	35	889	37	940	47	1194
8	203	36	914	36	914	46	1168	43	1092	43	1092	57	1448
10	254	43	1092	44	1118	55	1397	51	1295	52	1321	68	1727
12	305	50	1270	50	1270	64	1626	58	1473	61	1549	78	1981

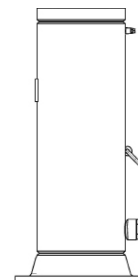
Jackscrew Actuator Kit*

Size		Actuator Travel		Overall Length		Weight		Rate of Travel/Revolution		Part Number
Inches	DN	Inches	mm	Inches	mm	Lbs.	Kg.	Inches	mm	
6 to 12	150 to 300	39	997	56	1445	145	66	1/5	5	12363575
6 to 12	150 to 300	55	1397	73	1854	190	86	1/5	5	12363597
6 to 12	150 to 300	75	1905	93	2366	231	105	1/5	5	12363595

* Kit includes Actuator, Decal, Face Spanner Wrench, Crank, Cap Screw and Hex Keys

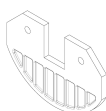
Housings

Size			MWP	Weight	
Inches	DN	Class	psi	Lbs.	Kg.
6	150	150	285	70.4	32
6	150	300	500	88	40
8	200	150	285	110	50
8	200	300	500	136	62
10-12	300	150	285	244	111
10-12	300	300	500	244	111



Chip Sweep Kit*

Size	
Inches	Part Number
6	12358721
8	12358706
10	12359138
12	12359136



* Kit includes Chip Sweep and Grommets



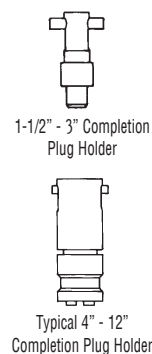
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Plugging Heads

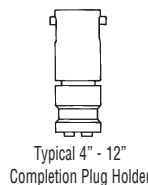
Size		Part Number	Max. Working Pressure in psi	Weight	
Inches	DN			Lbs.	Kg.
6	150	12353369	285	51	23
8	200	12355257	285	114	52
10	250	12357565	285	229	104
12	300	12350480	285	392	178

Completion Plug Holders

Size			Weight	
Inches	DN	Part Number	Lbs.	Kg.
6 - 8	100 - 200	07-0334-0000	2	1
10 - 12	250 - 300	07-0335-0000	2	1



1-1/2" - 3" Completion Plug Holder



Typical 4" - 12" Completion Plug Holder

Sealing Cups

Size		Part Number	MWP psi	Pipe Dimensions			
Inches	DN			Maximum ID Inches	mm	Minimum ID Inches	mm
6	150	12353173	285	6	162	6	146
8	200	12355269	285	8	212	8	193
10	250	12357589	285	10	265	9	242
12	300	12361450	285	12	315	11	288



Accessories

Type	Part Number
Handle	00-3164-0001
Air Motor Kit	12362756

Minor Maintenance Kit*

Size (inch)	Part Number
6	12363500
8	12363502
10	12363504
12	12363492

* Kit includes O-rings and Guide Ring

Major Maintenance Kit

Size (inch)	Part Number
6	12363499
8	12363501
10	12363503
12	12363445

* Kit includes O-rings and Guide Ring



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