



TDW STOPPLE® Plugging Machines serve as temporary block valves installed anywhere in a



STOPPL® Plugging Machine

Cylinder Operation

Hydraulic Operated Cylinders	Lbs.	Kg.	Part Number
4" (DN100), 6" (DN 150), 8" (DN 200), 10" (DN 250), 12" (DN 300)	235	107	08-2116-0000
14" (DN 350), 16" (DN 400), 18" (DN 450), 20" (DN 500)	862	391	08-2117-0000
22" (DN 550), 24" (DN 600), 26" (DN 650), 30" (DN 750), 36" (DN 900)	1800	816	08-2118-0000

STOPPL® Housings

)RU XVH ZLWK K\GUDXOLF F\OLQGHUV

& O D V V

Size

Inches	DN	+ R X V L Q J V	Plugging Heads	Sealing Elements
4	100			
6	150			
8	200	08-	-0000	
10	250	08-	-0000	
12	300	08-	-0000	
1				
16	400	08-	-0000	0
18	450	08-	-0000	
20	500	08	-0000	0
24	600	08-	-0000	
26	650		-0000	
30	750			
36	900	08-	-0000	0

7 K L V S O X J J L Q J K H D G L V I X U Q L V K H G Z L W K Q R V H S L H F H V

Note: Housings are equipped with flanges which are drilled, faced and pressure-rated to match ANSI Class 150, 300 or 600 flanges.

When ordering sealing elements specify pipe ID, pressure, and material of sealing element desired. Factory recommends two elements be purchased with each plugging head, one to be used as a spare. STD Machines are designed for STD weight pipe. If used in heavy or thin wall pipe, special components may be required.

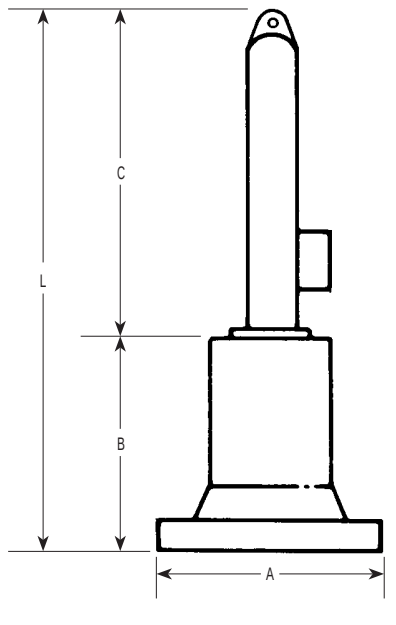
STOPPLE® Plugging Machine

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Approximate Dimensions for Determining Machine Clearances



Size		A*		B*		C		L	
Inches	DN	Inches	mm	Inches	mm	Inches	mm	Inches	mm
4	100	11	280	14	356	58	1473	72	1829
6	150	14	356	17	432	58	1473	75	1905
8	200	17	432	19	483	85	2159	104	2642
10	250	20	508	23	533	85	2159	108	2743
12	300	22	559	25	610	85	2159	110	2794
14	350	24	610	32	787	124	3150	156	3962
16	400	27	686	35	889	124	3150	159	4039
18	450	30	762	39	991	124	3150	163	4140
20	500	32	813	42	1041	124	3150	166	4216
22	550	35	889	46	1168	166	4216	212	5385
24	600	37	940	52	1321	166	4216	218	5537
26	650	40	1015	52	1321	166	4216	218	5537
30	750	45	1143	60	1524	166	4216	226	5740
36	900	52	1321	67	1803	166	4216	233	5918

*Maximum with 600 Class Flange.

*The TDW 660/760 Tapping Machine power unit normally operates 4" (DN 100) through 12" (DN 300) plugging machines. The power unit for the 1200 Tapping Machines operates 14" (DN 350) and larger.

Hydraulic cylinder (08-2116-0000) is furnished with hydraulic couplings for 660/760 Tapping Machine power unit.

Hydraulic cylinders (08-2117-0000, 08-2118-0000, and 08-2119-0000) are furnished with hydraulic couplings for 1200 Tapping Machine power units.

Hydraulic cylinder (08-2117-0000) can be used with the 660/760 power unit with the purchase of a conversion kit (08-0384-0000).

If other power unit to hydraulic cylinder combinations are to be used, be sure to specify so that proper couplings can be furnished.

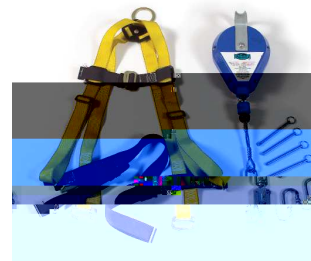
Plugging Head Specifications

with Hydraulic Cylinders	Control Bar Travel		Max. Operating Pressure	
	L	Q F K H V	PP	36, % D U
*4" (DN100), 6" (DN 150), 8" (DN 200), 10" (DN 250), 12" (DN 300)		1829	1480	10
14" (DN 350), 16" (DN 400), 18" (DN 450), 20" (DN 500)	10	2604	1480	10
22" (DN 550), 24" (DN 600), 26" (DN 650), 30" (DN 750)	1	3556	1480	10
36" (DN 900)	140	3556	1480	10

Safety Harness Assembly

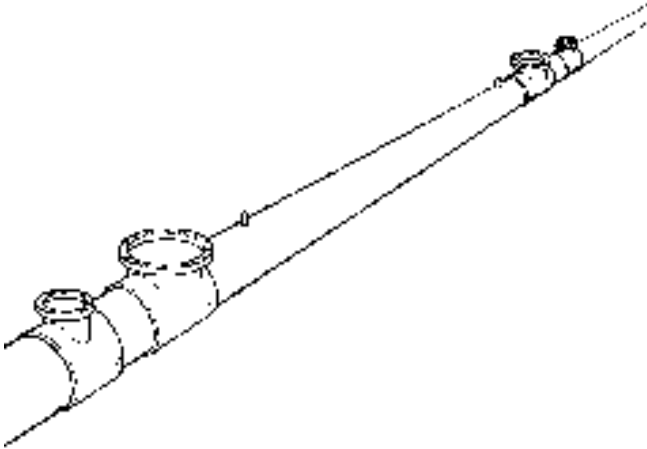
Cylinder	Fall Protection Assembly
08-2116-0000	08-2546-0000
08-2117-0000	08-2547-0000
08-2118-0000	08-2548-0000
08-2119-0000	08-2549-0000

Fall Protection Assembly



■ 1. Weld Fittings

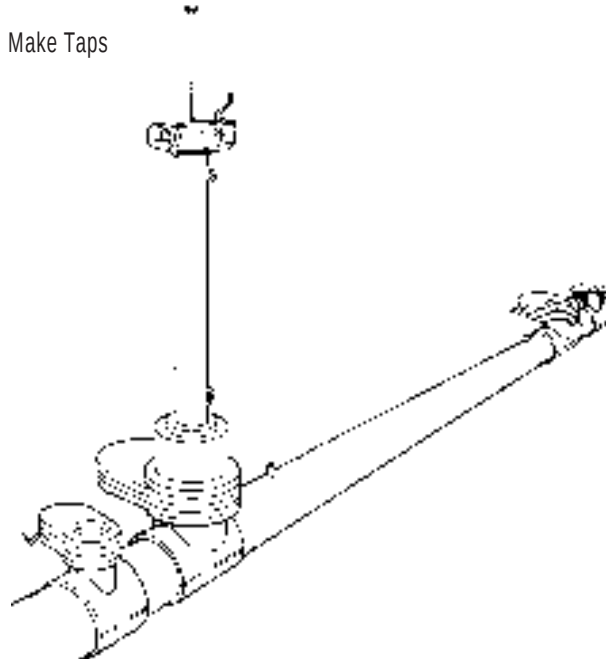
2" Threaded-O-Ring Purge & Equalization Fittings



STOPPLE® Fittings with LOCK-O-RING® Flanges* are welded on each end of the section to be isolated. Bypass fittings with LOCK-O-RING Flanges and equalization fittings are welded to the line.

*See LOCK-O-RING Flanges, Bulletin 1120.001.

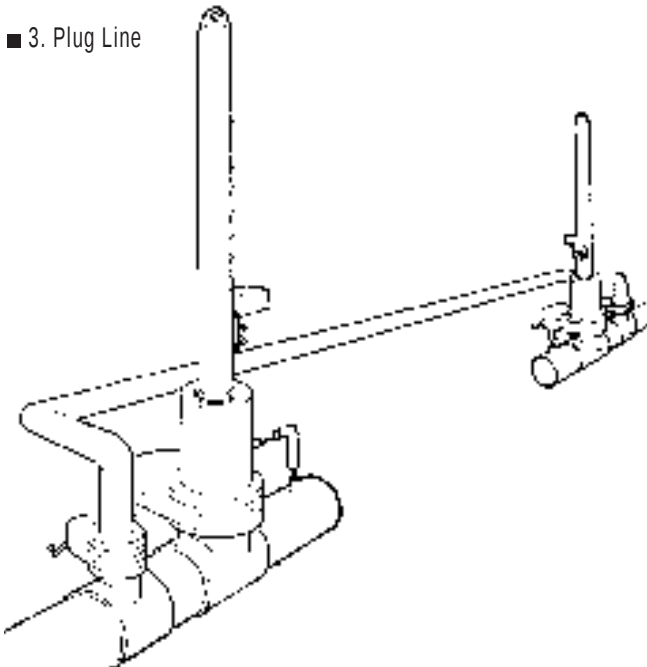
■ 2. Make Taps



A Tapping Valve* is mounted on each fitting and taps are made through the valves into the pipeline. The cutter is withdrawn after each tap, the valve closed, and tapping machine removed.

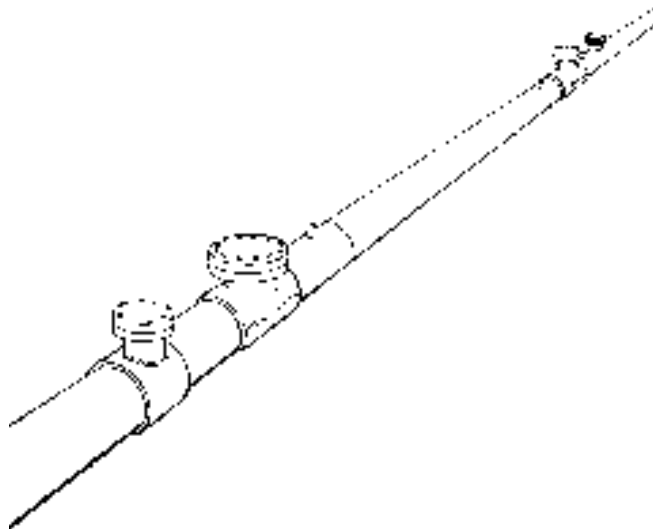
*See SANDWICH® Valve, Bulletin 1020.001.

■ 3. Plug Line



Bypass connections are made and the bypass valves are opened. STOPPLE Plugging Machines are mounted and the plugging heads are lowered through valves into sealing position. After the new section is tied in, pressure is equalized by connection from the STOPPLE Housing to the pipeline (See A).

■ 4. Recover Valves



Tapping machine cutters are replaced with LOCK-O-RING Plugs, and tapping machines (or machine) are mounted on valves. The LOCK-O-RING Plugs are lowered into position inside LOCK-O-RING Flanges. Tapping machines are removed, valves recovered, and blind flanges installed.