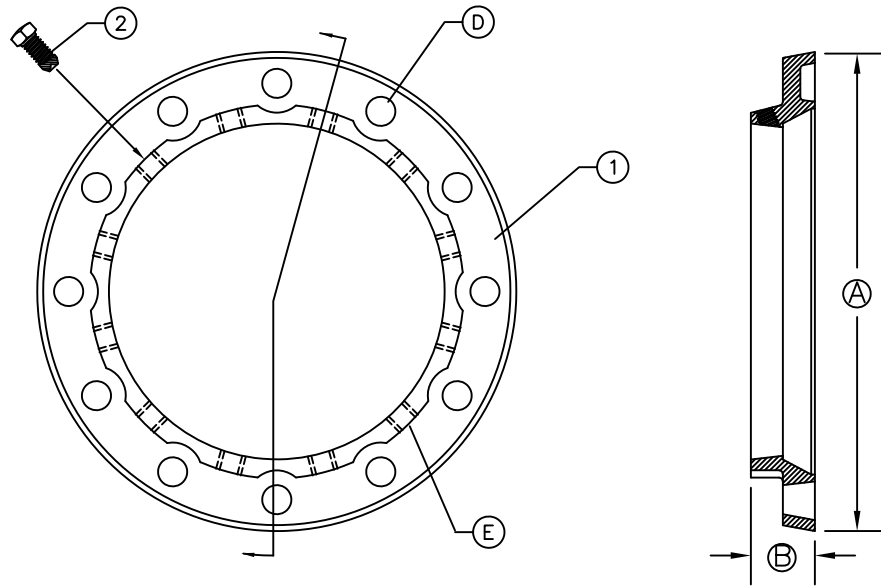


Reference: **InstaFlange Adapter Heavy Duty**



Nom. Pipe Size	150lb. Steel Pipe O.D.	125 lb. D.I. Pipe Pipe O.D.	Dimensions (inches)			Standard Set Screws		Wt.	Working Pressure (psi)
			Ⓐ Flange Ⓑ			Ⓓ Bolt Hole	Ⓔ		
			Dia.	Bolt	Circle	Dia.	Qty.		
3	3.50	3.96	7.5	6	3/4	4	1/2 x 1.5	8	250
4	4.50	4.80	9	7.5	3/4	4	1/2 x 1.5	11	250
6	6.63	6.90	11	9.5	7/8	8	5/8 x 1.75	14	250
8	8.63	9.05	13.5	11.75	7/8	8	5/8 x 1.75	21	250
10	10.75	11.10	16	14.25	1	12	5/8 x 1.75	38	250
12	12.75	13.20	19	17	1	12	5/8 x 1.75	56	250
14	N.A.	15.30	21	18.75	1 1/8	12	5/8 x 1.75	70	175
16	N.A.	17.40	23.5	21.75	1 1/8	16	5/8 x 1.75	79	175
18	N.A.	19.50	25	22.75	1 1/4	16	3/4 x 2	90	175
20	N.A.	21.60	27.5	25	1 1/4	20	3/4 x 2	145	175
24	N.A.	25.80	32	29.5	1 3/8	20	3/4 x 2	175	175

ASSEMBLY BILL OF MATERIALS				
ITEM	QTY	PART NAME	MATERIAL	MAT. SPEC.
1	1	InstaFlange	Ductile Iron	ASTM A536
2	*	Set Screws	Steel	AISI 4140

* See Below

Style 3532 InstaFlange flange adapters join integral flanged valves and fittings to plain end pipe without welding or threading. Flange bolts (not provided) draw the insta flange toward the mating flange compressing a standard mechanical joint gasket making an effective seal between the two flanges and around the pipe. End restraint is provided when the set screws are tightened.

To assemble the InstaFlange, clean the plain end of the standard wall steel or ductile iron pipe. Lubricate both the gasket and the plain end of pipe. Slip the flange adapter and gasket over the pipe. Using standard flange bolts align the Insta-Flange with mating flange. Evenly tighten bolts alternately on opposing sides while maintaining an equal distance between flange faces. Alternately tighten all set screws evenly around the pipe, 1/2" set screws to 70 ft./lbs., 5/8" to 90 ft./lbs..

PowerSeal				P.O. Box 2014 Wichita Falls, Texas			
TITLE							
3532 InstaFlange Heavy Duty							
SIZE B	DRAFTSMAN EHK	DATE 11-10-93	APPROVAL	DATE	DRAWING NO. BSC383	REV	
SCALE NTS	SUPERSEDES N/A		SHEET 1		OF 1		

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