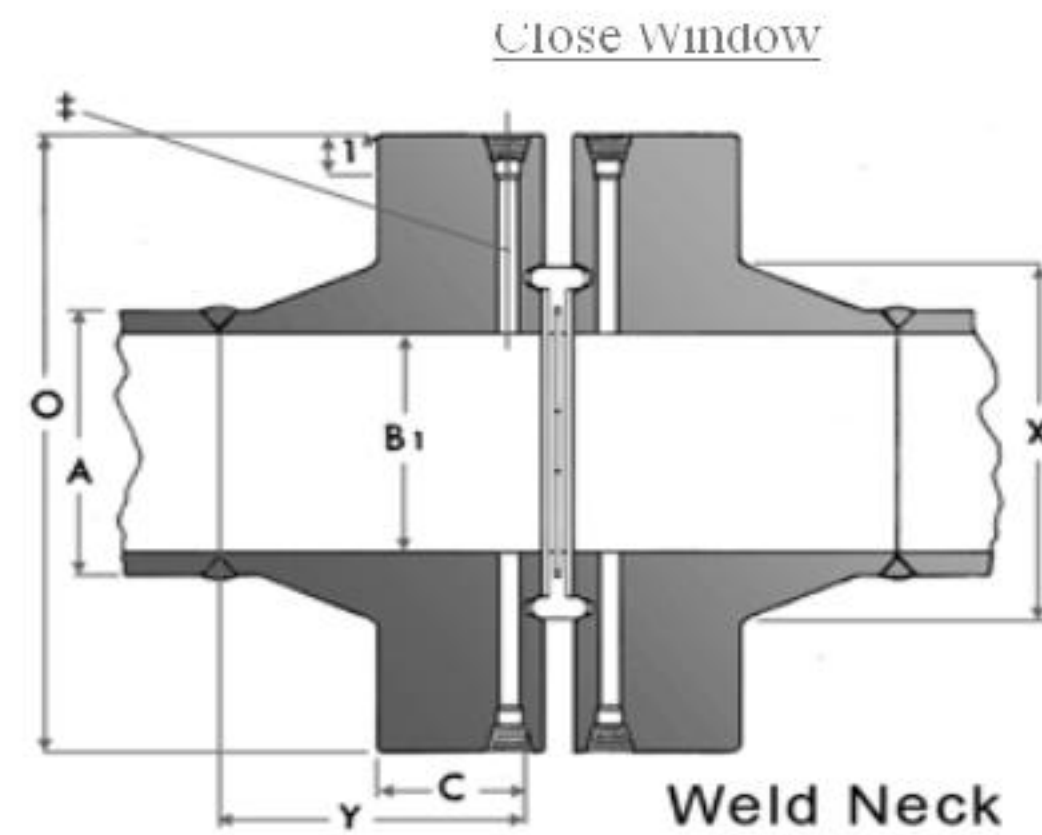
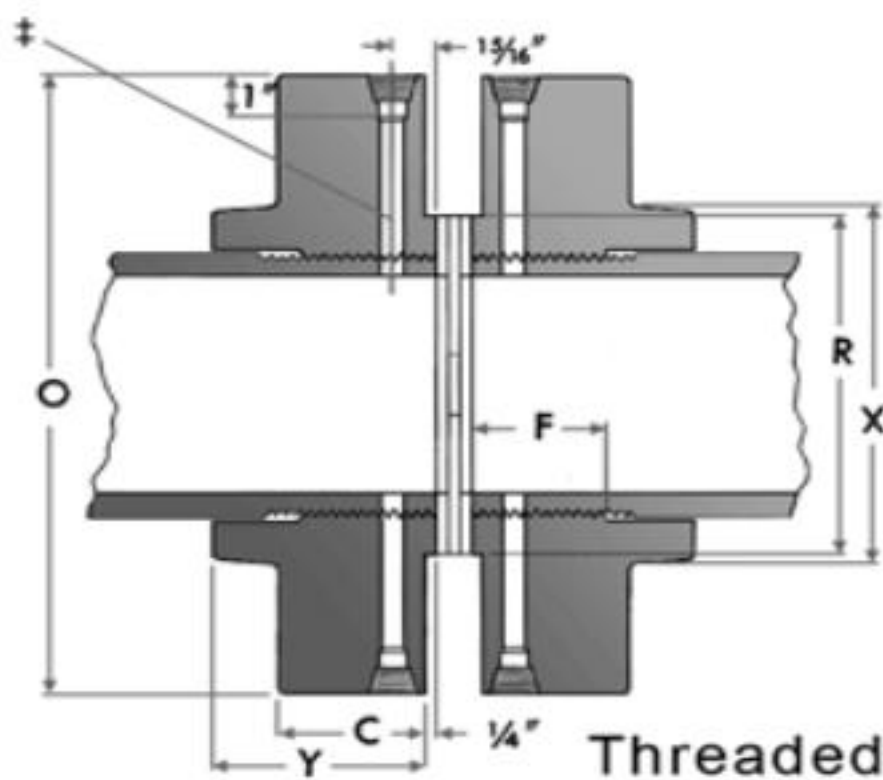
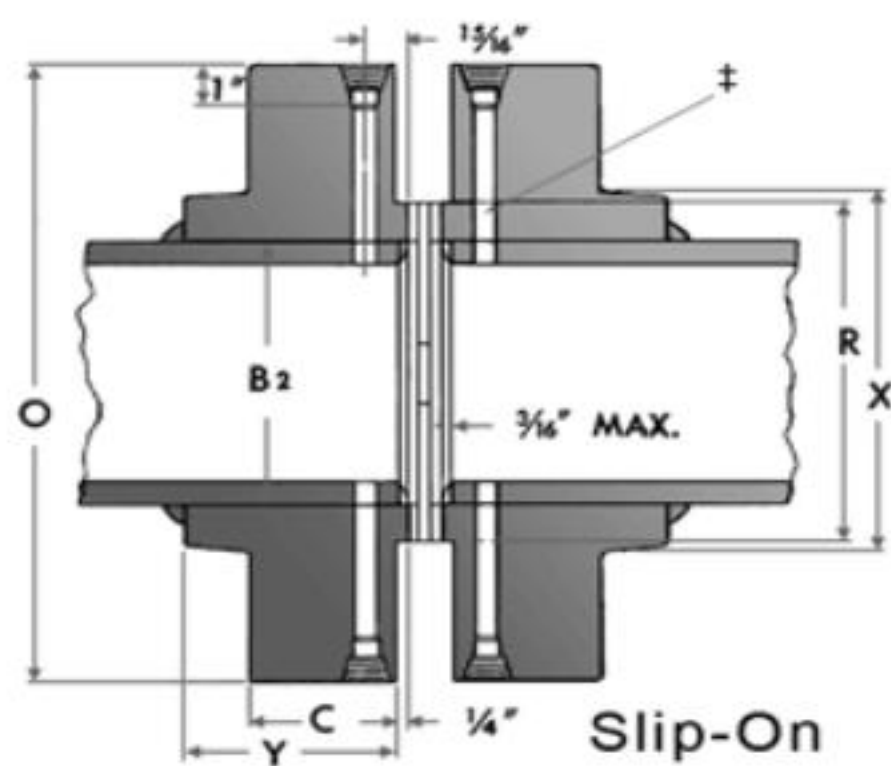




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Nominal Size ± NPS	COMMON DIMENSIONS					Bore Slip-On B2	LENGTH THRU HUB Y				Diam. Hub at Bevel A	Face to Hub Counter- bore F
	Outside Diameter Flange O	O.D of Raised Face R	Diameter at Base of Hub X	Thickness Minimum C			Welding Neck		Slip-On and Threaded			
				R.F.	R.T.J.		R.F.	R.T.J.	R.F.	R.T.J.		
1	5.875	2.000	2.063	1.375	1.250	1.36	3.125	3.00	1.875	1.750	1.32	1.500
1¼	6.250	2.500	2.500	1.375	1.250	1.70	3.125	3.00	1.875	1.750	1.66	1.500
1½	7.000	2.875	2.750	1.375	1.250	1.95	3.375	3.250	1.875	1.750	1.90	1.500
2	8.500	3.625	4.125	1.500	1.500	2.44	4.000	4.000	2.250	2.250	2.38	1.750
2½	9.625	4.125	4.875	1.625	1.625	2.94	4.125	4.125	2.500	2.500	2.88	2.125
3	10.500	5.000	5.250	1.875	1.875	3.57	4.625	4.625	2.875	2.875	3.50	2.250
4	12.250	6.188	6.375	2.125	2.125	4.57	4.875	4.875	3.563	3.563	4.50	2.500
5	14.750	7.313	7.750	2.875	2.875	5.66	6.125	6.125	4.125	4.125	5.56	2.750
6	15.500	8.500	9.000	3.250	3.250	6.72	6.750	6.750	4.688	4.688	6.63	3.000
8	19.000	10.625	11.500	3.625	3.625	8.72	8.375	8.375	5.625	5.625	8.63	3.250
10	23.00	12.750	14.500	4.250	4.250	10.88	10.000	10.000	6.250	6.250	10.75	3.563
12	26.500	15.000	17.750	4.875	4.875	12.88	11.125	11.125	7.125	7.125	12.75	3.875

Nominal Size ± NPS	DRILLING			BOLTING			APPROXIMATE WEIGHT PER UNION (Pounds)			
	Bolt Circle Diameter	Number of Holes	Diameter of holes	Diameter of Bolts	Stud bolt Length †		Welding Neck		Slip-On and Threaded	
					R.F.	R.T.J.	R.F.	R.T.J.	R.F.	R.T.J.
1	4.000	4	1.000	0.875	5.500	5.750	29	28	26	26
1 1/4	4.375	4	1.000	0.875	5.500	5.750	31	31	29	29
1 1/2	4.375	4	1.125	1.000	5.750	6.000	38	40	36	38
2	6.500	8	1.000	0.875	5.750	6.250	63	72	63	71
2 1/2	7.500	8	1.125	1.000	6.250	6.750	90	100	90	100
3	8.000	8	1.250	1.125	7.000	7.625	120	135	120	135
4	9.500	8	1.375	1.250	7.750	8.250	180	195	180	195
5	11.500	8	1.625	1.500	9.750	10.250	320	345	320	340
6	12.500	12	1.500	1.375	10.250	11.000	405	440	405	435
8	15.500	12	1.750	1.625	11.500	12.500	630	730	600	680
10	19.000	12	2.000	1.875	13.250	14.250	1100	1175	1050	1125
12	22.500	16	2.125	2.000	14.750	16.000	1675	1825	1475	1550

All Dimensions are in inches. Click here to switch to Metric.

B1 Weld Neck bore to be specified by purchaser.

† Lengths include thickness of two nuts but not height of crown.

‡ 3/4" Pipe Taps • 1/2" Drill for sizes 4" and over • 3/8" Drill for size 3" • 1/4" Drill for sizes 2 1/2" and under.

± Available in any required larger size.