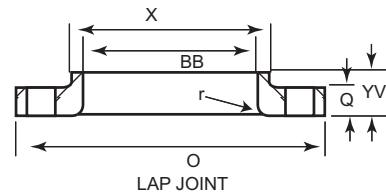
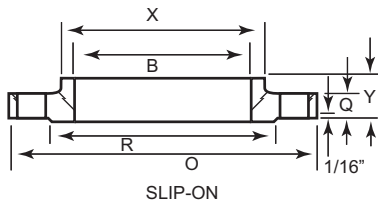
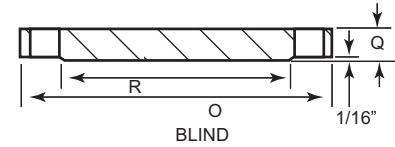
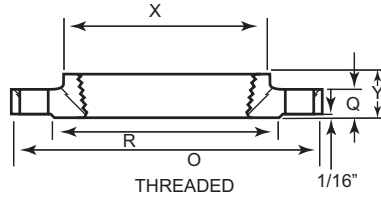
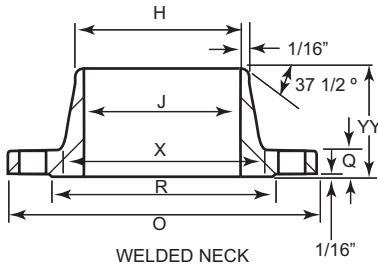


ASA 150 LB. FORGED FLANGES



NOM. PIPE SIZE	COMMON DIMENSIONS						WELDING NECK			SLIP-ON THREADED	SLIP-ON	LAP JOINT*		
	O	Q*	R	X	NUMBER & DIAM. OF BOLT HOLES+	BOLT CIRCLE	YY*	H	J**	Y*	B	r	YV	BB
1/2	3-1/2	7/16	1-3/8	1-3/16	4-5/8	2-3/8	1-7/8	0.84	0.62	5/8	0.88	1/8	5/8	0.9
3/4	3-7/8	1/2	1-11/16	1-1/2	4-5/8	2-3/4	2-1/16	1.05	0.82	5/8	1.09	1/8	5/8	1.11
1	4-1/4	9/16	2	1-15/16	4-5/8	3-1/8	2-3/16	1.32	1.05	11/16	1.36	1/8	11/16	1.38
1-1/4	4-5/8	5/8	2-1/2	2-5/16	4-5/8	3-1/2	2-1/4	1.66	1.38	13/16	1.7	3/16	13/16	1.72
1-1/2	5	11/16	2-7/8	2-9/16	4-5/8	3-7/8	2-7/16	1.9	1.61	7/8	1.95	1/4	7/8	1.97
2	6	3/4	3-5/8	3-1/16	4-3/4	4-3/4	2-1/2	2.38	2.07	1	2.44	5/16	1	2.46
2-1/2	7	7/8	4-1/8	3-9/16	4-3/4	5-1/2	2-3/4	2.88	2.47	1-1/8	2.94	5/16	1-1/8	2.97
3	7-1/2	15/16	5	4-1/4	4-3/4	6	2-3/4	3.5	3.07	1-3/16	3.57	3/8	1-3/16	3.6
3-1/2	8-1/2	15/16	5-1/2	4-13/16	8-3/4	7	2-13/16	4	3.55	1-1/4	4.07	3/8	1-1/4	4.1
4	9	15/16	6-3/16	5-5/16	8-3/4	7-1/2	3	4.5	4.03	1-5/16	4.57	7/16	1-5/16	4.6
5	10	15/16	7-5/16	6-7/16	8-7/8	8-1/2	3-1/2	5.56	5.05	1-7/16	5.66	1/2	1-7/16	5.69
6	11	1	8-1/2	7-9/16	8-7/8	9-1/2	3-1/2	6.63	6.07	1-9/16	6.72	1/2	1-9/16	6.75
8	13-1/2	1-1/8	10-5/8	9-11/16	8-7/8	11-3/4	4	8.63	7.98	1-3/4	8.72	1/2	1-3/4	8.75
10	16	1-3/16	12-3/4	12	12-1	14-1/4	4	10.75	10.02	1-15/16	10.88	1/2	1-15/16	10.92
12	19	1-1/4	15	14-3/8	12-1	17	4-1/2	12.75	12	2-3/16	12.88	1/2	2-3/16	12.92

Flanges conform to ASA B16.5.

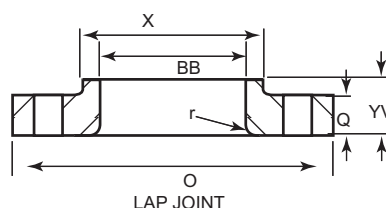
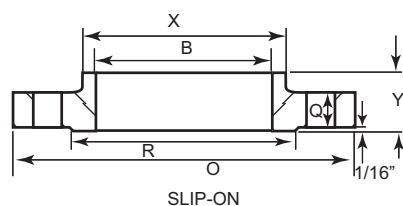
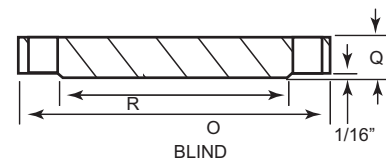
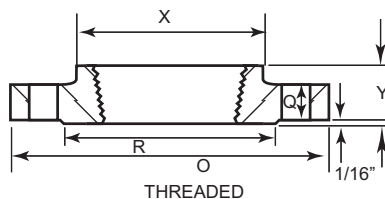
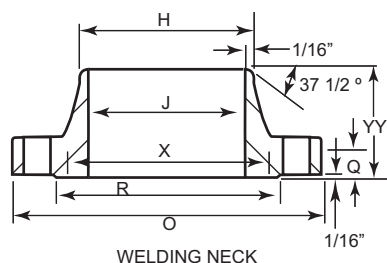
*1/16 raised face is included in thickness Q and length through hub Y, YY

**Unless otherwise specified Welding Neck Flanges in sizes 12" and smaller are bored to dimensions as listed to correspond to Schedule 40S pipe. Special bores on application. Sizes 14" and larger-bore to be specified by purchaser.

+Bolt holes are 1/8" larger in diameter than recommended bolt.

•Lap Joint Flanges in sizes 10" through 24" are stocked to Y dimensions. Lap Joint Flanges with hub dimensions as listed available on special order.

ASA 300 LB. FORGED FLANGES



NOM. PIPE SIZE	COMMON DIMENSIONS						WELDING NECK			SLIP-ON THREADED	SLIP-ON	LAP JOINT*		
	O	Q*	R	X	NUMBER & DIAM. OF BOLT HOLES+	BOLT CIRCLE	YY*	H	J**	Y*	B	r	YV	BB
1/2	3-3/4	9/16	1-3/8	1-1/2	4-5/8	2-5/8	2-1/16	0.84	0.62	7/8	0.88	1/8	7/8	0.9
3/4	4-5/8	5/8	1-11/16	1-7/8	4-3/4	3-1/4	2-1/4	1.05	0.82	1	1.09	1/8	1	1.11
1	4-7/8	11/16	2	2-1/8	4-3/4	3-1/2	2-7/16	1.32	1.05	1-1/16	1.36	1/8	1-1/16	1.38
1-1/4	5-1/4	3/4	2-1/2	2-1/2	4-3/4	3-7/8	2-9/16	1.66	1.38	1-1/16	1.7	3/16	1-1/16	1.72
1-1/2	6-1/8	13/16	2-7/8	2-3/4	4-7/8	4-1/2	2-11/16	1.9	1.61	1-3/16	1.95	1/4	1-3/16	1.97
2	6-1/2	7/8	3-5/8	3-5/16	8-3/4	5	2-3/4	2.38	2.07	1-5/16	2.44	5/16	1-5/16	2.46
2-1/2	7-1/2	1	4-1/8	3-15/16	8-7/8	5-7/8	3	2.88	2.47	1-1/2	2.94	5/16	1-1/2	2.97
3	8-1/4	1-1/8	5	4-5/8	8-7/8	6-5/8	3-1/8	3.5	3.07	1-11/16	3.57	3/8	1-11/16	3.6
3-1/2	9	1-3/16	5-1/2	5-1/4	8-7/8	7-1/4	3-3/16	4	3.55	1-3/4	4.07	3/8	1-3/4	4.1
4	10	1-1/4	6-3/16	5-3/4	8-7/8	7-7/8	3-3/8	4.5	4.03	1-7/8	4.57	7/16	1-7/8	4.6
5	11	1-3/8	7-5/16	7	8-7/8	9-1/4	3-7/8	5.56	5.05	2	5.66	7/16	2	5.69
6	12-1/2	1-7/16	8-1/2	8-1/8	12-7/8	10-5/8	3-7/8	6.63	6.07	2-1/16	6.72	1/2	2-1/16	6.75
8	15	1-5/8	10-5/8	10-1/4	12-1	13	4-3/8	8.63	7.98	2-7/16	8.72	1/2	2-7/16	8.75
10	17-1/2	1-7/8	12-3/4	12-5/8	16-1-1/8	15-1/4	4-5/8	10.75	10.02	2-5/8	10.88	1/2	3-3/4*	10.92
12	20-1/2	2	15	14-3/4	16-1-1/4	17-3/4	5-1/8	12.75	12	2-7/8	12.88	1/2	4*	12.92

Flanges conform to ASA B16.5.

*1/16 raised face is included in thickness Q and length through hub Y, YY

**Unless otherwise specified Welding Neck Flanges in sizes 12" and smaller are bored to dimensions as listed to correspond to Schedule 40S pipe. Special bores on application. Sizes 14" and larger-bore to be specified by purchaser.

+Bolt holes are 1/8" larger in diameter than recommended bolt.

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AMERICAN STANDARD FLANGE FACINGS

