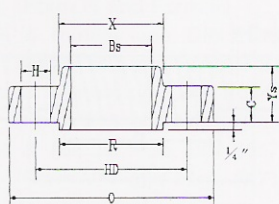


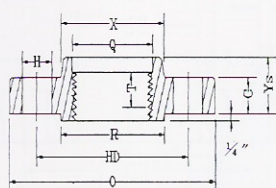


1500_{lb.} ANSI B16.5 FORGED FLANGES

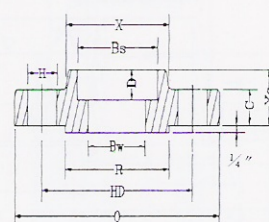
SLIP-ON



SCREWED



SOCKET WELDING



NOMINAL PIPE SIZE	COMMON DIMENSIONS				DIA. OF HUB AT BEVEL A	LENGTH THRU HUB			DIA. OF BORE		
	OUTSIDE DIA. OF FLANGE O	THICK. OF FLANGE C	DIA. OF HUB AT BASE X	DIA. OF RAISED FACE R		SLIP-ON, SCREWED, SOCKET Ys	WELDING NECK Yw	LAP JOINT Yl	SLIP-ON, SOCKET Bs	WELDING NECK, SOCKET Bw	LAP JOINT Bl
1	1/2	4 3/4	7/8	1 1/2	1 3/8	.84	1 1/4	2 3/8	1 1/4	.88	.90
	3/4	5 1/8	1	1 3/4	1 11/16	1.05	1 3/8	2 3/4	1 3/8	1.09	1.11
	1	5 7/8	1 1/8	2 1/16	2	1.32	1 5/8	2 7/8	1 5/8	1.36	1.38
1 1/2	1 1/4	6 1/4	1 1/8	2 1/2	2 1/2	1.66	1 5/8	2 7/8	1 5/8	1.70	1.72
	1 1/2	7	1 1/4	2 3/4	2 7/8	1.90	1 3/4	3 1/4	1 3/4	1.95	1.97
	2	8 1/2	1 1/2	4 1/8	3 5/8	2.38	2 1/4	4	2 1/4	2.44	2.46
2	2 1/2	9 5/8	1 5/8	4 7/8	4 1/8	2.88	2 1/2	4 1/8	2 1/2	2.94	2.97
	3	10 1/2	1 7/8	5 1/4	5	3.50	2 7/8	4 5/8	2 7/8	3.57	3.60
	4	12 1/4	2 1/8	6 3/8	6 3/16	4.50	3 9/16	4 7/8	3 9/16	4.57	4.60
2 1/2	5	14 3/4	2 7/8	7 3/4	7 5/16	5.56	4 1/8	6 1/8	4 1/8	5.66	5.69
	6	15 1/2	3 1/4	9	8 1/2	6.63	4 11/16	6 3/4	4 11/16	5.72	6.75
	8	19	3 5/8	11 1/2	10 5/8	8.63	5 5/8	8 3/8	5 5/8	8.72	8.75
3	10	23	4 1/4	14 1/2	12 3/4	10.75	6 1/4	10	7	10.88	10.92
	12	26 1/2	4 7/8	17 3/4	15	12.75	7 1/8	11 1/8	8 5/8	12.88	12.92
	14	29 1/2	5 1/4	19 1/2	16 1/4	14.00	—	11 3/4	9 1/2	14.14	14.18
4	16	32 1/2	5 3/4	21 3/4	18 1/2	16.00	—	12 1/4	10 1/4	16.16	16.19
	18	36	6 3/8	23 1/2	21	18.00	—	12 7/8	10 7/8	18.18	18.20
	20	38 3/4	7	25 1/4	23	20.00	—	14	11 1/2	20.20	20.25
24	46	8	30	27 1/4	24.00	—	16	13	24.25	—	24.25

* Material: To be specified when ordering. See Page 29

* Dimensional Tolerances: See Page 27

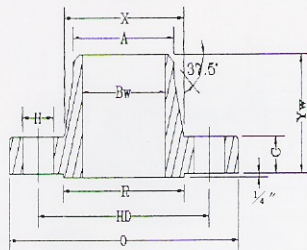
* Facing Details of Ring Joint: See Page 20-21



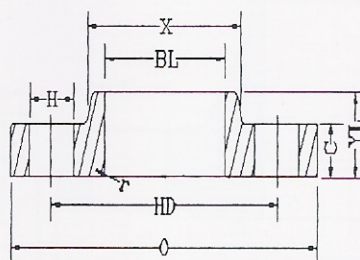
ANSI B16.5 FORGED FLANGES

1500 lb.

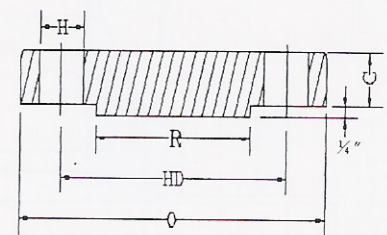
WELDING NECK



LAP JOINT



BLIND



DIMENSIONS IN INCHES

RADIUS OF FILLET r	MINIMUM THREAD LENGTH T	DEPTH OF SOCKET D	DRILLING				LENGTH OF STUD BOLTS			COUNTER BORE SCREWED FLANGE MIN Q	NOMINAL PIPE SIZE
			DIA. OF BOLT CIRCLE	NUMBER OF BOLTS	DIA. OF BOLTS	DIA. OF BOLT HOLES H	1/4" RAISED FACE	RING JOINT	MALE & FEMALE ALSO TONGUE & GROOVE		
1/8	7/8	3/8	3 1/4	4	3/4	7/8	4	4	3 3/4	0.93	1/2
1/8	1	7/16	3 1/2	4	3/4	7/8	4 1/4	4 1/4	4	1.14	3/4
1/8	1 1/8	1/2	4	4	7/8	1	4 3/4	4 3/4	4 1/2	1.41	1
3/16	1 3/16	9/16	4 3/8	4	7/8	1	4 3/4	4 3/4	4 1/2	1.75	1 1/4
1/4	1 1/4	5/8	4 7/8	4	1	1 1/8	5 1/4	5 1/4	5	1.99	1 1/2
5/16	1 1/2	11/16	6 1/2	8	7/8	1	5 1/2	5 3/4	5 1/4	2.50	2
5/16	1 7/8	3/4	7 1/2	8	1	1 1/8	6	6 1/4	5 3/4	3.00	2 1/2
3/8	2	—	8	8	1 1/8	1 1/4	6 3/4	7	6 1/2	3.63	3
7/16	2 1/4	—	9 1/2	8	1 1/4	1 3/8	7 1/2	7 3/4	7 1/4	4.63	4
7/16	2 1/2	—	11 1/2	8	1 1/2	1 5/8	9 1/2	9 3/4	9 1/4	5.69	5
1/2	2 3/4	—	12 1/2	12	1 3/8	1 1/2	10	10 1/4	9 3/4	6.75	6
1/2	3	—	15 1/2	12	1 5/8	1 3/4	11 1/4	11 3/4	11	8.75	8
1/2	3 5/16	—	19	12	1 7/8	2	13 1/4	13 1/2	13	10.88	10
1/2	3 5/8	—	22 1/2	16	2	2 1/8	14 3/4	15 1/4	14 1/2	12.94	12
1/2	—	—	25	16	2 1/4	2 3/8	16	16 3/4	15 3/4	14.19	14
1/2	—	—	27 3/4	16	2 1/2	2 5/8	17 1/2	18 1/2	17 1/4	16.19	16
1/2	—	—	30 1/2	16	2 3/4	2 7/8	19 1/4	20 1/4	19	18.19	18
1/2	—	—	32 3/4	16	3	3 1/8	21	22 1/4	20 3/4	20.19	20
1/2	—	—	39	16	3 1/2	3 5/8	24	25 1/2	23 3/4	24.19	24

• The 1/4" Raised Face is Not included in Thickness C, Length Y or Thread Length T