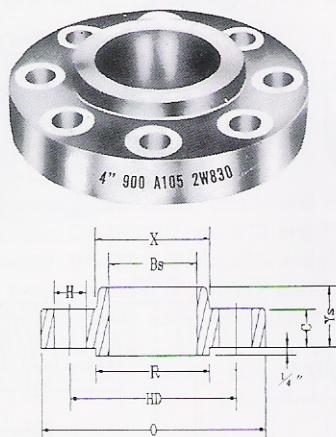
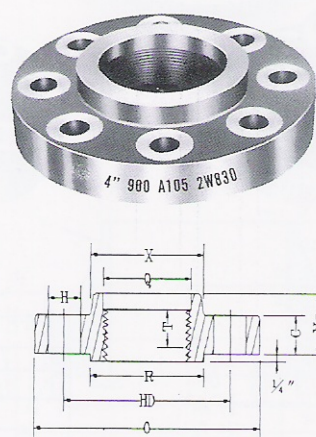


900 lb. ANSI B16.5 FORGED FLANGES

SLIP-ON



SCREWED



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
$\frac{1}{2}$	$4 \frac{3}{4}$	$\frac{7}{8}$	$1 \frac{1}{2}$	$1 \frac{3}{8}$	.84	$1 \frac{1}{4}$	$2 \frac{3}{8}$	$1 \frac{1}{4}$	.88		.90
$\frac{3}{4}$	$5 \frac{1}{8}$	1	$1 \frac{3}{4}$	$1 \frac{11}{16}$	1.05	$1 \frac{3}{8}$	$2 \frac{3}{4}$	$1 \frac{3}{8}$	1.09		1.11
1	$5 \frac{7}{8}$	$1 \frac{1}{8}$	$2 \frac{1}{16}$	2	1.32	$1 \frac{5}{8}$	$2 \frac{7}{8}$	$1 \frac{5}{8}$	1.36		1.38
$1 \frac{1}{4}$	$6 \frac{1}{4}$	$1 \frac{1}{8}$	$2 \frac{1}{2}$	$2 \frac{1}{2}$	1.66	$1 \frac{5}{8}$	$2 \frac{7}{8}$	$1 \frac{5}{8}$	1.70		1.72
$1 \frac{1}{2}$	7	$1 \frac{1}{4}$	$2 \frac{3}{4}$	$2 \frac{7}{8}$	1.90	$1 \frac{3}{4}$	$3 \frac{1}{4}$	$1 \frac{3}{4}$	1.95		1.97
2	$8 \frac{1}{2}$	$1 \frac{1}{2}$	$4 \frac{1}{8}$	$3 \frac{5}{8}$	2.38	$2 \frac{1}{4}$	4	$2 \frac{1}{4}$	2.44		2.46
$2 \frac{1}{2}$	$9 \frac{5}{8}$	$1 \frac{5}{8}$	$4 \frac{7}{8}$	$4 \frac{1}{8}$	2.88	$2 \frac{1}{2}$	$4 \frac{1}{8}$	$2 \frac{1}{2}$	2.94		2.97
3	$9 \frac{1}{2}$	$1 \frac{1}{2}$	5	5	3.50	$2 \frac{1}{8}$	4	$2 \frac{1}{8}$	3.57		3.60
4	$11 \frac{1}{2}$	$1 \frac{3}{4}$	$6 \frac{1}{4}$	$6 \frac{3}{16}$	4.50	$2 \frac{3}{4}$	$4 \frac{1}{2}$	$2 \frac{3}{4}$	4.57		4.60
5	$13 \frac{3}{4}$	2	$7 \frac{1}{2}$	$7 \frac{5}{16}$	5.56	$3 \frac{1}{8}$	5	$3 \frac{1}{8}$	5.66		5.69
6	15	$2 \frac{3}{16}$	$9 \frac{1}{4}$	$8 \frac{1}{2}$	6.63	$3 \frac{3}{8}$	$5 \frac{1}{2}$	$3 \frac{3}{8}$	6.72		6.75
8	$18 \frac{1}{2}$	$2 \frac{1}{2}$	$11 \frac{3}{4}$	$10 \frac{5}{8}$	8.63	4	$6 \frac{3}{8}$	$4 \frac{1}{2}$	8.72		8.75
10	$21 \frac{1}{2}$	$2 \frac{3}{4}$	$14 \frac{1}{2}$	$12 \frac{3}{4}$	10.75	$4 \frac{1}{4}$	$7 \frac{1}{4}$	5	10.88		10.92
12	24	$3 \frac{1}{8}$	$16 \frac{1}{2}$	15	12.75	$4 \frac{5}{8}$	$7 \frac{7}{8}$	$5 \frac{5}{8}$	12.88		12.92
14	$25 \frac{1}{4}$	$3 \frac{3}{8}$	$17 \frac{3}{4}$	$16 \frac{1}{4}$	14.00	$5 \frac{1}{8}$	$8 \frac{3}{8}$	$6 \frac{1}{8}$	14.14		14.18
16	$27 \frac{3}{4}$	$3 \frac{1}{2}$	20	$18 \frac{1}{2}$	16.00	$5 \frac{1}{4}$	$8 \frac{1}{2}$	$6 \frac{1}{2}$	16.16		16.19
18	31	4	$22 \frac{1}{4}$	21	18.00	6	9	$7 \frac{1}{2}$	18.18		18.20
20	$33 \frac{3}{4}$	$4 \frac{1}{4}$	$24 \frac{1}{2}$	23	20.00	$6 \frac{1}{4}$	$9 \frac{3}{4}$	$8 \frac{1}{4}$	20.20		20.25
24	41	$5 \frac{1}{2}$	$29 \frac{1}{2}$	$27 \frac{1}{4}$	24.00	8	$11 \frac{1}{2}$	$10 \frac{1}{2}$	24.25		24.25

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

* Dimensional Tolerances: See Page 27

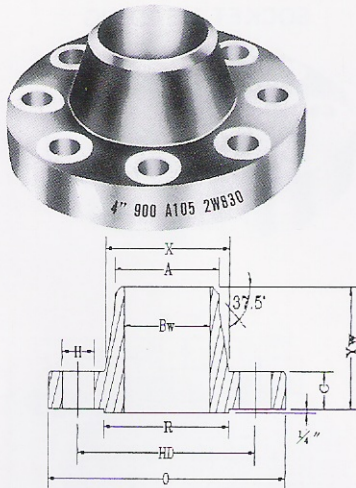
* Facing Details of Ring Joint: See Page 20-21



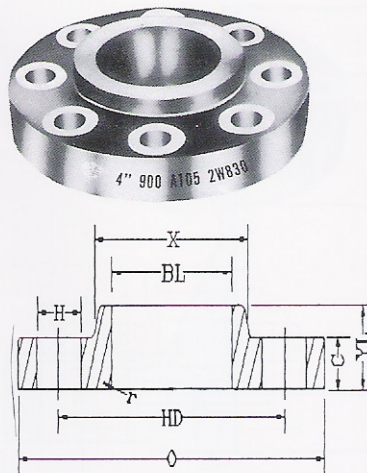
ANSI B16.5 FORGED FLANGES

900 lb.

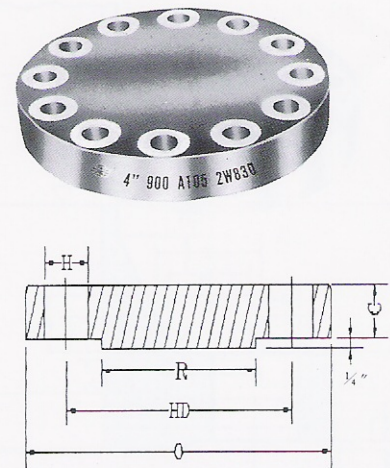
WELDING NECK



LAP JOINT



BLIND



DIMENSIONS IN INCHES

RADIUS OF FILLET r	MINIMUM THREAD LENGTH T	DEPTH OF SOCKET	DRILLING				LENGTH OF STUD BOLTS			COUNTER BORE SCREWED FLANGE MIN Q	NOMINAL PIPE SIZE
			DIA. OF BOLT CIRCLE HD	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 1/4	4	3/4	7/8	4	4	3 3/4	0.93	1/2
1/8	1	—	3 1/2	4	3/4	7/8	4 1/4	4 1/4	4	1.14	3/4
1/8	1 1/8	—	4	4	7/8	1	4 3/4	4 3/4	4 1/2	1.41	1
3/16	1 3/16	—	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	—	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	—	6 1/2	8	7/8	1	5 1/2	5 3/4	5 1/4	2.50	2
5/16	1 7/8	—	7 1/2	8	1	1 1/8	6	6 1/4	5 3/4	3.00	2 1/2
3/8	1 5/8	—	7 1/2	8	7/8	1	5 1/2	5 3/4	5 1/4	3.63	3
7/16	1 7/8	—	9 1/4	8	1 1/8	1 1/4	6 1/2	6 3/4	6 1/4	4.63	4
7/16	2 1/8	—	11	8	1 1/4	1 3/8	7 1/4	7 1/2	7	5.69	5
1/2	2 1/4	—	12 1/2	12	1 1/8	1 1/4	7 1/2	7 1/2	7 1/4	6.75	6
1/2	2 1/2	—	15 1/2	12	1 3/8	1 1/2	8 1/2	8 3/4	8 1/4	8.75	8
1/2	2 13/16	—	18 1/2	16	1 3/8	1 1/2	9	9 1/4	8 3/4	10.88	10
1/2	3	—	21	20	1 3/8	1 1/2	9 3/4	10	9 1/2	12.94	12
1/2	3 1/4	—	22	20	1 1/2	1 5/8	10 1/2	11	10 1/4	14.19	14
1/2	3 3/8	—	24 1/4	20	1 5/8	1 3/4	11	11 1/2	10 3/4	16.19	16
1/2	3 1/2	—	27	20	1 7/8	2	12 3/4	13 1/4	12 1/2	18.19	18
1/2	3 5/8	—	29 1/2	20	2	2 1/8	13 1/2	14	13 1/4	20.19	20
1/2	4	—	35 1/2	20	2 1/2	2 5/8	17	17 3/4	16 3/4	24.19	24

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

or Thread Length T.