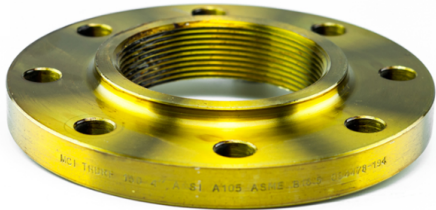
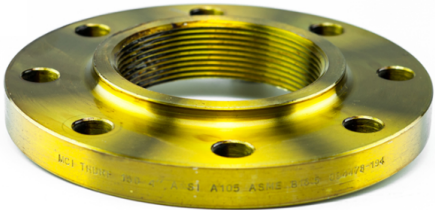
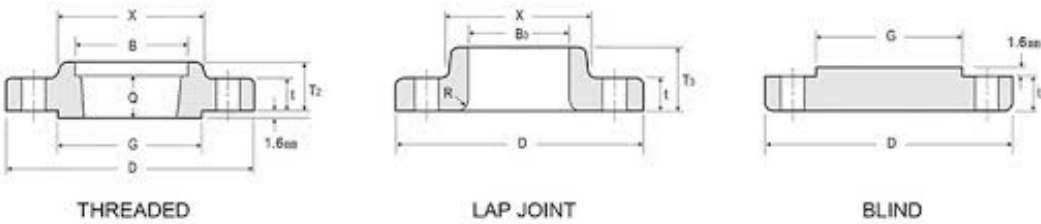
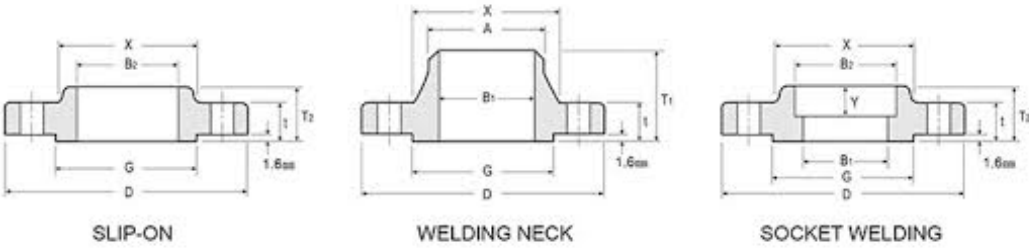


BRIDA SLIP ON Y ROSCADA DE
150 LB Y 300 LB

Avenida del valle de manzanares 1404, Bodega 7.
Parque Manzanares. CP 37510, León, Gto.

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CLASS

300

FLANGES

ANSI B16.5 FORGED FLANGES

CLASS

300

FLANGES

ANSI B16.5 FORGED FLANGES

Nominal Pipe Size	Outside Diam.	Diam. at base of hub	O.D of Raised Face	Thickness	BORE			LENGTH THRU HUB				Diam. of Hub at Bevel	Radius of Fillet	Thread Length
					Welding Neck Socket Welding	Slip-on Socket Welding	Lap Joint	Counter Bore Mn. Thresded Mn.	Welding Neck	Slip-on Threaded Socket Welding	Lap Joint			
	D	X	G	t	B1	B2	B3		T1	T2	T3	A	R	Q
1/2	95	38.1	35.1	14.2	15.7	22.4	22.9	23.6	52.3	22.4	22.4	21.3	3.0	15.7
3/4	117	47.9	42.9	15.7	20.8	27.7	28.2	29.0	57.2	25.4	25.4	26.7	3.0	15.7
1	124	53.9	50.8	17.5	26.7	34.5	35.1	35.8	62.0	28.9	28.9	33.5	3.0	17.5
1 1/4	133	63.5	63.5	19.1	35.1	43.2	43.7	44.5	65.0	28.9	28.9	42.2	4.8	20.8
1 1/2	155	69.9	73.2	20.6	40.9	49.5	50.0	50.5	68.3	30.2	30.2	48.3	6.4	22.4
2	165	84.1	91.9	22.4	52.6	62.0	62.5	63.5	69.9	33.3	33.3	60.5	7.9	28.4
2 1/2	191	100.1	104.6	25.4	62.7	74.7	75.4	76.2	76.2	38.1	38.1	73.2	7.9	31.8
3	210	117.3	127.0	28.4	78.0	90.7	91.4	92.2	79.2	42.9	42.9	88.9	9.7	31.8
3 1/2	229	133.4	139.7	30.2	90.2	103.4	104.1	104.9	81.0	44.5	44.5	101.6	9.7	36.6
4	254	146.1	157.2	31.8	102.4	116.1	116.8	117.6	65.9	47.8	47.8	114.3	11.2	36.6
5	279	177.8	185.7	35.1	128.3	143.8	144.5	144.5	88.6	50.8	50.8	141.2	11.2	42.9
6	318	206.2	215.9	35.6	154.2	170.7	171.5	171.5	98.6	52.3	52.3	168.4	12.7	46.0
8	381	280.4	269.7	41.1	202.7	221.5	222.3	222.3	111.3	62.0	62.0	219.2	12.7	50.8
10	445	320.5	323.9	47.8	254.5	276.4	277.4	276.4	117.3	68.5	96.3	213.1	12.7	55.6
12	521	374.7	381.0	50.8	304.8	327.2	328.2	328.7	130.0	73.2	101.6	323.9	12.7	60.5
14	584	425.5	412.8	53.6	336.6	359.2	360.2	380.4	142.7	76.2	113.3	355.6	12.7	63.5
16	649	492.6	369.92	57.2	387.4	410.5	411.2	411.2	148.1	82.6	120.7	406.4	12.7	68.3
18	711	533.4	533.4	60.5	438.2	461.8	462.3	462.0	158.8	88.9	130.0	457.2	12.7	69.9
20	775	587.2	584.2	63.5	469.0	513.1	514.4	512.8	162.1	95.3	139.7	508.0	12.7	73.2
24	914	701.5	692.2	69.9	590.6	616.0	616.0	614.4	168.1	106.4	152.4	609.6	12.7	82.6

Nominal Pipe Size	Depth of Socket	DRILLING			BOLTING				APPROXIMATE WEIGHT						
		Bolt Circle Diam	Number of Holes	Diam of Holes	Diam of Bots (inch)	Machine bolt Length	Stud Bolt Length		Welding Neck			Slip-on and Threaded	Lap Joint	Blind	Socket Welding
	Raised Face						Raised Face	Ring Joint	SCH40	SCH80	SCH160				
1/2	9.7	66.5	4	15.7	1/2	57.2	63.5	76.2	0.91	0.91	0.91	0.63	0.63	0.63	0.41
3/4	11.2	82.6	4	19.1	5/8	63.5	76.2	88.9	1.36	1.36	1.36	1.16	1.16	1.15	0.58
1	12.7	88.9	4	19.1	5/8	63.5	76.2	88.9	1.82	1.87	1.93	1.37	1.37	1.40	1.37
1 1/4	14.2	98.6	4	19.1	5/8	69.9	82.6	95.3	2.27	2.35	2.41	1.75	1.75	1.88	1.75
1 1/2	15.7	114.3	4	22.4	3/4	76.2	88.9	101.6	3.18	3.28	3.40	2.47	2.48	2.85	2.47
2	17.5	127.0	8	19.1	5/8	76.2	88.9	101.6	3.38	3.49	3.75	2.90	2.88	3.22	2.90
2 1/2	19.1	149.4	8	22.4	3/4	82.6	101.6	114.3	5.45	5.72	6.02	4.17	4.20	4.80	4.17
3	20.6	168.1	8	22.4	3/4	88.9	108.0	120.7	8.17	8.54	8.94	5.92	5.87	8.89	5.92
2 1/2	22.4	184.2	8	22.4	3/4	95.3	108.0	127.0	8.90	931	10.10	7.72	7.72	8.90	
4	23.9	200.2	8	22.4	3/4	95.3	114.3	127.0	12.10	12.62	13.69	9.73	9.66	11.60	
5	23.9	235.0	8	22.4	3/4	108.0	120.7	133.4	16.30	17.42	19.08	12.10	12.10	15.60	
6	26.9	369.7	12	22.4	3/4	108.0	120.7	138.7	20.40	21.66	24.07	16.00	15.90	21.40	
8	31.8	330.2	12	25.4	7/8	120.7	138.7	152.4	31.30	33.75	38.69	23.90	23.80	34.10	
10	33.3	387.4	16	28.4	1	139.7	158.8	171.5	45.40	50.43	58.38	34.00	38.20	53.50	
12	39.6	450.9	16	31.8	1 1/8	146.1	171.5	184.2	64.50	72.35	85.10	49.10	54.90	78.30	
14	41.4	514.4	20	31.8	1 1/8	158.8	177.8	190.5	93.60	105.61	122.49	69.10	80.10	105.00	
16	44.5	571.5	20	35.1	1 1/4	165.1	190.5	203.2	113.10	130.25	152.56	88.90	103.90	138.60	
18	49.3	628.7	24	35.1	1 1/4	171.5	198.9	209.6	139.90	139.90	195.07	107.20	124.60	174.30	
20	54.1	685.8	24	35.1	1 1/4	184.2	203.2	222.3	187.50	202.32	240.17	132.90	154.40	220.40	
24	63.5	812.8	24	41.1	1 1/2	203.2	228.6	254.0	235.60	288.15	348.28	198.70	232.60	339.00	

(1) For the Bore (B1) other tan Standard Wall Thickness, refer to page. 83
(2) Class 150 flanges except Lap Joint will be furnished with 0.06" (1.6mm) raised face, wich is included in Thickness (t) and Length through Hub (T1), (T2).
3. For Slip-on, Threaded, Socket Welding and Lap Joint Flanges, the hubs can be shaped either vertical from base to top or tapered within the limits of 7 degrees.

(4) Blind Flanges may be made with the same hub as that used for Slip-on Flanges or without hub,
(5) The gasket surface and backside (bearing surface for bolting) are made parallel, within 1 degree. To accomplish parallelism, spot facing is carried out according to MSS SP-9, without reducing thickness (t).
(6). Depth of Socket (Y) is covered by ANSI B16.5 only in sizes through 3 inch, over 3 inch is at the manufacture's option.