

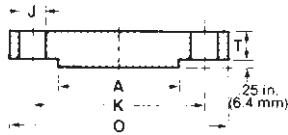
For sizes NPS 1/2 (DN 15) through NPS 2 1/2 (DN 65) use Class 1500 (PN 250) flanges.¹

NPS	DN	FLANGE OUTSIDE DIAMETER O	FLANGE ² THICKNESS MIN. T	RAISED FACE DIA. A	BORE			LENGTH TRU HUB ²			
					WELDING NECK B	SLIP-ON, MIN. C	LAP JOINT MIN. D	THREADED COUNTER-BORE MIN. E	WELDING NECK F	SLIP-ON, THREADED G	LAP JOINT H
3	80	9.50	1.50	5.00	To be specified by purchaser	3.57	3.60	3.63	4.00	2.12	2.12
		241	38.5	127.0		90.7	91.4	92	101.6	54	54
4	100	11.50	1.75	6.19		4.57	4.60	4.63	4.50	2.75	2.75
		292	44.5	157.2		116.1	116.8	118	114.3	70	70
5	125	13.75	2.0	7.31		5.66	5.69	5.69	5.00	3.12	3.12
		349	51.0	185.7		143.7	144.5	145	127.0	79	79
6	150	15.00	2.19	8.50		6.72	6.75	6.75	5.50	3.38	3.38
		381	56.0	215.9		170.7	171.4	171	139.7	86	86
8	200	18.50	2.5	10.62		8.72	8.75	8.75	67.38	4.00	4.50
		470	63.5	269.9		221.5	222.2	222	161.9	102	114
10	250	21.50	2.75	12.75		10.88	10.92	10.88	7.25	4.25	5.00
		545	70.0	323.8		276.2	277.4	276	184.2	108	127
12	300	24.00	3.12	15.00		12.88	12.92	12.94	7.88	4.62	5.62
		610	79.5	381.0		327.0	328.2	329	200.0	117	143
14	350	25.25	3.38	16.25		14.14	14.18	14.19	8.38	5.12	6.12
		640	86.0	412.8		359.2	360.2	360	212.7	130	156
16	400	27.75	3.5	18.50		16.16	16.19	16.19	8.50	5.25	6.50
		705	89.0	469.9		410.4	411.2	411	215.9	133	165
18	450	31.00	4.0	21.00		18.18	18.20	18.19	9.00	6.00	7.50
		785	102.0	533.4		461.8	462.3	462	228.8	152	191
20	500	33.75	4.25	23.00	20.20	20.25	20.19	9.75	6.25	8.25	
		855	108.0	584.2	513.1	514.3	513	247.6	159	210	
24	600	41.00	5.5	27.25	24.25	24.25	24.19	11.50	8.00	10.50	
		1040	140.0	692.2	615.9	615.9	614	292.1	203	267	

¹ Including SOCKET WELDING FLANGES

² Does not include .25" (6.4 mm) raised face.

BLIND



CLASS 900 (PN 150) FLANGES FORGED STEEL ASTM A-105 ASME/ANSI B16.5

For sizes NPS 1/2 (DN 15) through NPS 2 1/2 (DN 65) use Class 1500 (PN 250) flanges. ¹

NPS	DN	DRILLING			DIAMETER OF HUB			LAP JOINT FILLET RADIUS r	APPROXIMATE WEIGHT			
		NO. OF HOLES	DIAMETER OF HOLES J	DIAMETER OF BOLT CIRCLE K	AT BASE	AT CHAMFER	WELDING NECK		SLIP-ON, THREADED	BLIND	LAP JOINT	
					M	N						
3		8	1.00	7.50	5.00	3.50	.38	.31	31	31	47	
	80	8	26	190.5	127.0	88.9	10	14.1	14.1	14.1	21.3	
4		8	1.25	9.25	6.25	4.50	.44	51	53	54	51	
	100	8	32	234.9	158.7	114.3	11	23.1	24.0	24.5	23.1	
5		8	1.38	11.00	7.50	5.56	.44	86	83	87	81	
	125	8	35	279.4	190.5	141.3	11	39.0	37.6	39.5	36.7	
6		12	1.25	12.50	9.25	6.63	.50	110	110	115	105	
	150	12	32	317.5	234.9	168.3	13	49.9	49.9	52.2	47.6	
8		12	1.50	15.50	11.75	8.63	.50	175	170	200	190	
	200	12	39	393.7	298.4	219.1	13	79.4	77.1	90.7	86.2	
10		16	1.50	18.50	14.50	10.75	.50	260	245	290	275	
	250	16	39	469.9	368.3	273.0	13	118	111	132	125	
12		20	1.50	21.00	16.50	12.75	.50	325	325	415	370	
	300	20	39	533.4	419.1	323.8	13	147	147	188	168	
14		20	1.62	22.00	17.75	14.00	.50	400	400	520	415	
	350	20	42	558.8	450.8	355.6	13	181	181	236	188	
16		20	1.75	24.25	20.00	16.00	.50	495	425	600	465	
	400	20	45	615.9	508.0	406.4	13	225	193	272	211	
18		20	2.00	27.00	22.25	18.00	.50	680	600	850	650	
	450	20	51	685.8	565.1	457.2	13	308	272	386	295	
20		20	2.12	29.50	24.50	20.00	.50	830	730	1075	810	
	500	20	54	749.3	622.3	508.0	13	376	331	488	367	
24		20	2.62	35.50	29.5	24.00	.50	1500	1400	2025	1550	
	600	20	67	901.7	749.3	609.6	13	680	635	918	703	

POUNDS

KILOGRAMS