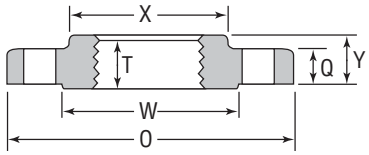
Iron Flanges

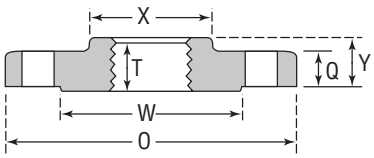
Class 250 (Extra Heavy)

FIGURE 1025
Companion Flange



Pipe Size		Diam. of Flange O		Min. Flange Thickness Q		Min. Hub Diameter X		Min. Length Thru Hub Y		Min. Length of Threads T		Diam. of Raised Face W		Unit Weight			
														Black		Galv.	
NPS	*DN*	in	*mm*	in	*mm*	in	*mm*	in	*mm*	in	*mm*	in	*mm*	lbs	*kg*	lbs	*kg*
1 1/4	*32*	5 1/4	*133*	3/4	*19*	2 1/2	*64*	1	*25*	0.76	*19*	3 1/16	*78*	3.75	*1.70*	–	–
1 1/2	*40*	6 1/8	*156*	13/16	*22*	2 3/4	*70*	1 1/8	*29*	0.87	*22*	3 9/16	*90*	5.75	*2.61*	–	–
2	*50*	6 1/2	*165*	7/8	*22*	3 5/16	*84*	1 1/4	*32*	1.00	*25*	4 3/16	*106*	6.50	*2.95*	6.50	*2.95*
2 1/2	*65*	7 1/2	*191*	1	*25*	3 15/16	*100*	1 7/16	*37*	1.14	*29*	4 15/16	*125*	9.50	*4.31*	9.50	*4.31*
3	*80*	8 1/4	*210*	1 1/8	*29*	4 5/8	*117*	1 9/16	*40*	1.20	*30*	5 11/16	*144*	12.33	*5.59*	12.33	*5.59*
4	*100*	10	*254*	1 1/4	*32*	5 3/4	*146*	1 3/4	*44*	1.30	*33*	6 15/16	*176*	20.00	*9.07*	20.00	*9.07*
5	*125*	11	*279*	1 3/8	*35*	7	*178*	1 7/8	*48*	1.41	*36*	8 5/16	*211*	24.00	*10.88*	–	–
6	*150*	12 1/2	*318*	1 7/16	*37*	8 1/8	*206*	1 15/16	*49*	1.51	*38*	9 11/16	*246*	32.00	*14.51*	–	–
8	*200*	15	*381*	1 5/8	*41*	10 1/4	*260*	2 3/16	*56*	1.71	*43*	11 15/16	*303*	51.00	*23.13*	–	–

FIGURE 1030
Reducing Flange



Pipe Size		Diam. of Flange O		Min. Flange Thickness Q		Min. Length Thru Hub Y		Min. Length of Threads T		Diam. of Raised Face W		Unit Weight	
												Black	
NPS	*DN*	in	*mm*	in	*mm*	in	*mm*	in	*mm*	in	*mm*	lbs	*kg*
2	*50*	8 1/4	*210*	1 1/8	*29*	1 1/4	*32*	1.00	*25*	5 11/16	*144*	14.25	*6.46*
2 1/2	*65*	8 1/4	*210*	1 1/8	*29*	1 7/16	*37*	1.14	*29*	5 11/16	*144*	13.50	*6.12*
3	*80*	10	*254*	1 1/4	*32*	1 9/16	*40*	1.20	*30*	6 15/16	*176*	22.75	*10.32*
4	*100*	11	*279*	1 3/8	*35*	1 3/4	*44*	1.30	*33*	8 5/16	*211*	30.00	*13.61*

Note: See page 62 for pressure-temperature ratings.