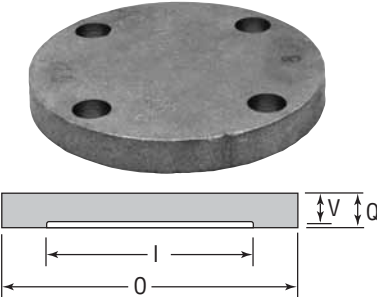
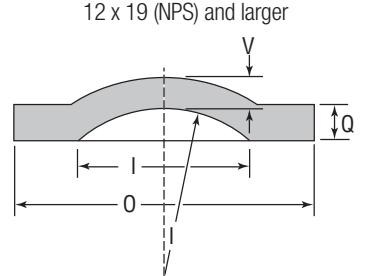


## Iron Flanges

### Class 125 (Standard)

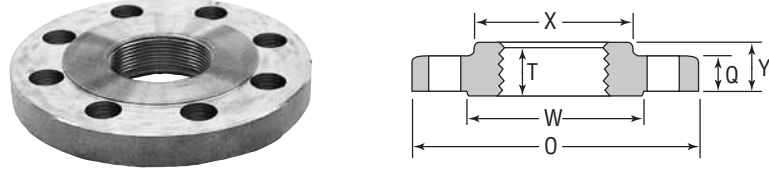
Class 125 (Standard) Iron Flanges are manufactured to American National Standard ASME B16.1.

<b>FIGURE 1018</b> <b>Blind Flange</b>	Pipe Size I		Diam. of Flange O		Min. Flange Thickness Q		Wall Thickness V		Unit Weight			
	NPS	DN	in	mm	in	mm	in	mm	Black		Galv.	
									lbs	kg	lbs	kg
10 x 16 (NPS) and smaller 	1	25	4 1/4	108	7/16	11	3/8	10	2.00	0.91	2.00	0.91
	1 1/4	32	4 5/8	117	1/2	13	7/16	11	2.25	1.02	2.25	1.02
	1 1/2	40	5	127	9/16	14	1/2	13	3.75	1.70	–	–
	2	50	6	152	5/8	16	9/16	14	4.00	1.81	4.00	1.81
	2 1/2	65	7	178	1 1/16	17	5/8	16	6.75	3.06	–	–
	3	80	7 1/2	191	3/4	19	1 1/16	17	8.00	3.63	8.00	3.63
12 x 19 (NPS) and larger 	3 1/2	90	8 1/2	216	1 3/16	22	3/4	19	11.00	4.99	–	–
	4	100	9	229	1 5/16	24	7/8	22	14.00	6.35	14.00	6.35
	5	125	10	254	1 5/16	24	7/8	22	18.00	8.16	18.00	8.16
	6	150	11	279	1	25	1 5/16	24	23.00	10.43	23.00	10.43
	8	200	13 1/2	343	1 1/8	29	1 1/16	27	40.00	18.14	40.00	18.14
	10	250	16	406	1 3/16	30	1 1/8	29	59.00	26.76	–	–
	12	300	19	483	1 1/4	32	1 3/16	22	88.00	39.91	–	–

All Class 125 cast iron standard flanges have a flat face. Blind Flange 12 x 19 NPS supplied dished with inside radius to the pipe diameter. When ordering blind flanges, always give the outside diameters.

## Iron Flanges

### Class 250 (Extra Heavy)

<b>FIGURE 1025</b> <b>Companion Flange</b>																	
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							
	NPS	DN	in	mm				in	mm	in	mm	Black		Galv.			
										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	1 3/16	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 5/16	100	1 7/16	37	1.14	29	4 5/16	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 1/16	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 1/16	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	–	–

Note: See page 63 for pressure-temperature ratings.