

Iron Flanges

Class 125 (Standard)

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

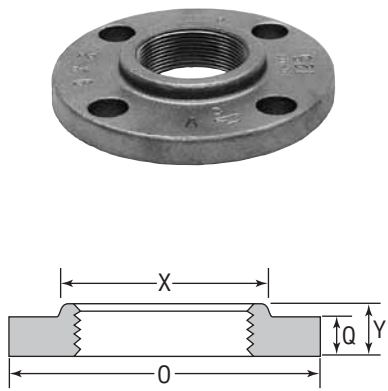
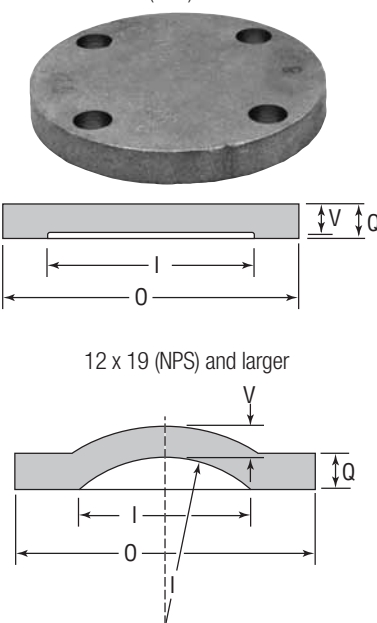
FIGURE 1011 Companion Flange	Pipe Size		Diam. of Flange O		Min. Flange Thickness Q		Min. Diam. of Hub X		Min. Length Through Hub Y		Unit Weight			
											Black		Galv.	
	NPS	DN	in	mm	in	mm	in	mm	in	mm	lbs	kg	lbs	kg
 <p>When ordering companion flanges, always give outside diameter as well as nominal pipe size.</p>	3/4	20	3 ⁷ / ₈	98	7 ¹ / ₁₆	11	1 ³ / ₄	44	5 ⁸ / ₁₆	16	1.50	0.68	1.50	0.68
	1	25	4 ¹ / ₄	108	7 ¹ / ₁₆	11	1 ¹⁵ / ₁₆	49	1 ¹¹ / ₁₆	17	1.75	0.79	1.75	0.79
	1 ¹ / ₄	32	4 ⁵ / ₈	117	1 ¹ / ₂	13	2 ⁵ / ₁₆	59	1 ¹³ / ₁₆	22	2.00	0.91	2.00	0.91
	1 ¹ / ₂	40	5	127	9 ⁹ / ₁₆	14	2 ⁹ / ₁₆	65	7 ⁷ / ₈	22	2.25	1.02	2.25	1.02
	2	50	6	152	5 ⁵ / ₈	16	3 ¹ / ₁₆	78	1	25	4.00	1.81	4.00	1.81
	2 ¹ / ₂	65	7	178	1 ¹¹ / ₁₆	17	3 ⁹ / ₁₆	90	1 ¹ / ₈	29	6.00	2.72	6.00	2.72
	3	80	7 ¹ / ₂	191	3 ³ / ₄	19	4 ¹ / ₄	108	1 ³ / ₁₆	30	7.63	3.46	7.63	3.46
	3 ¹ / ₂	90	8 ¹ / ₂	216	1 ¹³ / ₁₆	22	4 ¹³ / ₁₆	124	1 ¹ / ₄	32	9.00	4.08	–	–
	4	100	9	229	1 ¹⁵ / ₁₆	24	5 ⁵ / ₁₆	135	1 ¹⁵ / ₁₆	33	11.75	5.33	11.75	5.33
	5	125	10	254	1 ¹⁵ / ₁₆	24	6 ⁷ / ₁₆	164	1 ⁷ / ₁₆	37	14.00	6.35	14.00	6.35
	6	150	11	279	1	25	7 ⁹ / ₁₆	192	1 ⁹ / ₁₆	40	16.50	7.48	16.50	7.48
	8	200	13 ¹ / ₂	343	1 ¹ / ₈	29	9 ¹¹ / ₁₆	246	1 ³ / ₄	44	26.00	11.79	26.00	11.79
10	250	16	406	1 ³ / ₁₆	30	11 ¹⁵ / ₁₆	303	1 ¹⁵ / ₁₆	49	37.75	17.12	37.75	17.12	
12	300	19	483	1 ¹ / ₄	32	14 ¹ / ₁₆	357	2 ³ / ₁₆	56	50.50	22.90	50.50	22.90	

FIGURE 1018 Blind Flange	Pipe Size I		Diam. of Flange O		Min. Flange Thickness Q		Wall Thickness V		Unit Weight			
									Black		Galv.	
	NPS	DN	in	mm	in	mm	in	mm	lbs	kg	lbs	kg
 <p>10 x 16 (NPS) and smaller</p> <p>12 x 19 (NPS) and larger</p>	1	25	4 ¹ / ₄	108	7 ¹ / ₁₆	11	3 ³ / ₈	10	2.00	0.91	2.00	0.91
	1 ¹ / ₄	32	4 ⁵ / ₈	117	1 ¹ / ₂	13	7 ¹ / ₁₆	11	2.25	1.02	2.25	1.02
	1 ¹ / ₂	40	5	127	9 ⁹ / ₁₆	14	1 ¹ / ₂	13	3.75	1.70	–	–
	2	50	6	152	5 ⁵ / ₈	16	9 ⁹ / ₁₆	14	4.00	1.81	4.00	1.81
	2 ¹ / ₂	65	7	178	1 ¹¹ / ₁₆	17	5 ⁵ / ₈	16	6.75	3.06	–	–
	3	80	7 ¹ / ₂	191	3 ³ / ₄	19	1 ¹¹ / ₁₆	17	8.00	3.63	8.00	3.63
	3 ¹ / ₂	90	8 ¹ / ₂	216	1 ¹³ / ₁₆	22	3 ³ / ₄	19	11.00	4.99	–	–
	4	100	9	229	1 ¹⁵ / ₁₆	24	7 ⁷ / ₈	22	14.00	6.35	14.00	6.35
	5	125	10	254	1 ¹⁵ / ₁₆	24	7 ⁷ / ₈	22	18.00	8.16	18.00	8.16
	6	150	11	279	1	25	1 ¹⁵ / 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 ¹³ / 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.

Note: See page 62 for pressure-temperature ratings.