
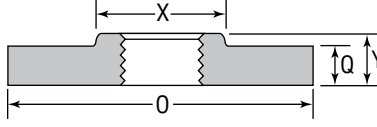


Iron Flanges

Class 125 (Standard)

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

FIGURE 1016 Reducing Flange	Pipe Size		Diam. of Flange O		Min. Flange Thickness Q		Min. Diam. of Hub X		Min. Length Thru Hub Y		Unit Weight			
											Black		Galv.	
	NPS	DN	in	mm	in	mm	in	mm	in	mm	lbs	kg	lbs	kg
 	1	25	5	127	9/16	14	1 ¹⁵ / ₁₆	49	1 ¹ / ₁₆	17	2.75	1.25	–	–
	1 ¹ / ₄	32					2 ⁵ / ₁₆	59	1 ³ / ₁₆	22	2.50	1.13	–	–
	1	25	6	152	5/8	16	1 ¹⁵ / ₁₆	49	1 ¹ / ₁₆	17	5.00	2.27	–	–
	1 ¹ / ₄	32					2 ⁵ / ₁₆	59	1 ³ / ₁₆	22	4.75	2.15	–	–
	1 ¹ / ₂	40					2 ⁹ / ₁₆	65	7/8	22	4.50	2.04	4.50	2.04
	1 ¹ / ₂	40	7	178	1 ¹ / ₁₆	27	2 ⁹ / ₁₆	65	7/8	22	7.00	3.17	7.00	3.17
	2	50					3 ¹ / ₁₆	78	1	25	6.75	3.06	6.75	3.06
	1	25	7 ¹ / ₂	191	3/4	19	1 ¹⁵ / ₁₆	49	1 ³ / ₁₆	22	9.00	4.08	–	–
	1 ¹ / ₂	40					2 ⁹ / ₁₆	65	7/8	22	8.75	3.97	8.75	3.97
	2	50					3 ¹ / ₁₆	78	1	25	8.50	3.85	8.50	3.85
	2 ¹ / ₂	65					3 ⁹ / ₁₆	90	1 ¹ / ₈	29	8.00	3.63	8.00	3.63
	3	80	8 ¹ / ₂	203	1 ³ / ₁₆	30	4 ¹ / ₄	108	1 ³ / ₁₆	30	10.00	4.54	–	–
	1 ¹ / ₂	40	9	229	1 ⁵ / ₁₆	33	2 ⁹ / ₁₆	65	1	25	14.00	6.35	14.00	6.35
	2	50					3 ¹ / ₁₆	78	1	25	14.00	6.35	14.00	6.35
	2 ¹ / ₂	65					3 ⁹ / ₁₆	90	1 ¹ / ₈	29	13.50	6.12	13.50	6.12
	3	80					4 ¹ / ₄	108	1 ³ / ₁₆	30	12.75	5.78	12.75	5.78
	3 ¹ / ₂	90					4 ¹³ / ₁₆	124	1 ¹ / ₄	32	12.00	5.44	–	–
	3	80	10	254	1 ⁵ / ₁₆	33	4 ¹ / ₄	108	1 ³ / ₁₆	30	17.00	7.71	17.00	7.71
	4	100					5 ⁵ / ₁₆	135	1 ⁵ / ₁₆	33	16.00	7.26	16.00	7.26
	1 ¹ / ₂	40	11	279	1	25	2 ⁹ / ₁₆	65	1 ¹ / ₁₆	27	27.00	12.24	–	–
	2	50					3 ¹ / ₁₆	78	1 ¹ / ₁₆	27	26.00	11.79	26.00	11.79
	2 ¹ / ₂	65					3 ⁹ / ₁₆	90	1 ¹ / ₈	29	25.00	11.34	25.00	11.34
	3	80					4 ¹ / ₄	108	1 ³ / ₁₆	30	23.00	10.43	23.00	10.43
	4	100					5 ⁵ / ₁₆	135	1 ⁵ / ₁₆	33	21.00	9.52	21.00	9.52
5	125	6 ⁷ / ₁₆					164	1 ⁷ / ₁₆	37	19.00	8.62	19.00	8.62	
2	50	13 ¹ / ₂	343	1 ¹ / ₈	29	3 ¹ / ₁₆	78	1 ³ / ₁₆	30	44.00	19.95	–	–	
3	80					4 ¹ / ₄	108	1 ³ / ₁₆	30	40.00	18.14	40.00	18.14	
4	100					5 ⁵ / ₁₆	135	1 ⁵ / ₁₆	33	37.00	16.78	37.00	16.78	
5	125					6 ⁷ / ₁₆	164	1 ⁷ / ₁₆	37	34.00	15.42	–	–	
6	150					7 ⁹ / ₁₆	192	1 ⁹ / ₁₆	40	31.00	14.06	31.00	14.06	
6	150					7 ⁹ / ₁₆	192	1 ⁹ / ₁₆	40	53.00	24.04	–	–	
8	200	16	406	1 ³ / ₁₆	30	9 ¹ / ₁₆	246	1 ³ / ₄	44	50.00	22.68	–	–	
6	150					7 ⁹ / ₁₆	192	1 ⁹ / ₁₆	40	88.00	39.91	–	–	
8	200	19	483	1 ¹ / ₄	32	9 ¹ / ₁₆	246	1 ³ / ₄	44	81.00	36.73	–	–	

To order reducing companion flanges, specify threaded or reduced size first, then the outside diameter of desired flange. For instance, if a reducing flange is required to connect a 5 NPS (125 DN) pipe to an 8 NPS (200 DN) valve or fitting having a 13¹/₂ inch (338 DN) OD flange, order 5 NPS x 13¹/₂ inch (125 x 338 DN) reducing flange.

Note: See page 63 for pressure-temperature ratings.