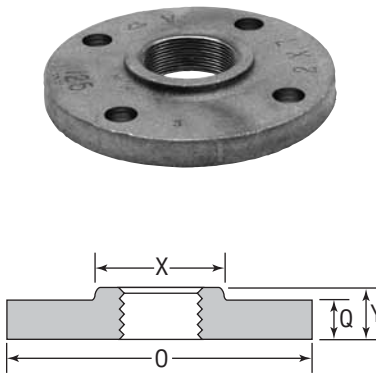


## Iron Flanges

### Class 125 (Standard)

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

<b>FIGURE 1016</b> <b>Reducing Flange</b>	Pipe Size		Diam. of Flange O		Min. Flange Thickness Q		Min. Diam. of Hub X		Min. Length Thru Hub Y		Unit Weight			
	NPS	DN	in	mm	in	mm	in	mm	in	mm	Black		Galv.	
											lbs	kg	lbs	kg
	1	25	5	127	9/16	14	1 <sup>15</sup> / <sub>16</sub>	49	1 <sup>1</sup> / <sub>16</sub>	17	2.75	1.25	–	–
	1 <sup>1</sup> / <sub>4</sub>	32					2 <sup>5</sup> / <sub>16</sub>	59	1 <sup>3</sup> / <sub>16</sub>	22	2.50	1.13	–	–
	1	25	6	152	5/8	16	1 <sup>15</sup> / <sub>16</sub>	49	1 <sup>1</sup> / <sub>16</sub>	17	5.00	2.27	–	–
	1 <sup>1</sup> / <sub>4</sub>	32					2 <sup>5</sup> / <sub>16</sub>	59	1 <sup>3</sup> / <sub>16</sub>	22	4.75	2.15	–	–
	1 <sup>1</sup> / <sub>2</sub>	40					2 <sup>9</sup> / <sub>16</sub>	65	7/8	22	4.50	2.04	4.50	2.04
	1 <sup>1</sup> / <sub>2</sub>	40	7	178	1 <sup>1</sup> / <sub>16</sub>	27	2 <sup>9</sup> / <sub>16</sub>	65	7/8	22	7.00	3.17	7.00	3.17
	2	50					3 <sup>1</sup> / <sub>16</sub>	78	1	25	6.75	3.06	6.75	3.06
	1	25	7 <sup>1</sup> / <sub>2</sub>	191	3/4	19	1 <sup>15</sup> / <sub>16</sub>	49	1 <sup>3</sup> / <sub>16</sub>	22	9.00	4.08	–	–
	1 <sup>1</sup> / <sub>2</sub>	40					2 <sup>9</sup> / <sub>16</sub>	65	7/8	22	8.75	3.97	8.75	3.97
	2	50					3 <sup>1</sup> / <sub>16</sub>	78	1	25	8.50	3.85	8.50	3.85
	2 <sup>1</sup> / <sub>2</sub>	65					3 <sup>9</sup> / <sub>16</sub>	90	1 <sup>1</sup> / <sub>8</sub>	29	8.00	3.63	8.00	3.63
	3	80	8 <sup>1</sup> / <sub>2</sub>	203	1 <sup>3</sup> / <sub>16</sub>	30	4 <sup>1</sup> / <sub>4</sub>	108	1 <sup>3</sup> / <sub>16</sub>	30	10.00	4.54	–	–
	1 <sup>1</sup> / <sub>2</sub>	40					2 <sup>9</sup> / <sub>16</sub>	65	1	25	14.00	6.35	14.00	6.35
	2	50					3 <sup>1</sup> / <sub>16</sub>	78	1	25	14.00	6.35	14.00	6.35
	2 <sup>1</sup> / <sub>2</sub>	65	9	229	1 <sup>5</sup> / <sub>16</sub>	33	3 <sup>9</sup> / <sub>16</sub>	90	1 <sup>1</sup> / <sub>8</sub>	29	13.50	6.12	13.50	6.12
	3	80					4 <sup>1</sup> / <sub>4</sub>	108	1 <sup>3</sup> / <sub>16</sub>	30	12.75	5.78	12.75	5.78
	3 <sup>1</sup> / <sub>2</sub>	90					4 <sup>13</sup> / <sub>16</sub>	124	1 <sup>1</sup> / <sub>4</sub>	32	12.00	5.44	–	–
	3	80	10	254	1 <sup>5</sup> / <sub>16</sub>	33	4 <sup>1</sup> / <sub>4</sub>	108	1 <sup>3</sup> / <sub>16</sub>	30	17.00	7.71	17.00	7.71
	4	100					5 <sup>5</sup> / <sub>16</sub>	135	1 <sup>5</sup> / <sub>16</sub>	33	16.00	7.26	16.00	7.26
	1 <sup>1</sup> / <sub>2</sub>	40	11	279	1	25	2 <sup>9</sup> / <sub>16</sub>	65	1 <sup>1</sup> / <sub>16</sub>	27	27.00	12.24	–	–
2	50					3 <sup>1</sup> / <sub>16</sub>	78	1 <sup>1</sup> / <sub>16</sub>	27	26.00	11.79	26.00	11.79	
2 <sup>1</sup> / <sub>2</sub>	65					3 <sup>9</sup> / <sub>16</sub>	90	1 <sup>1</sup> / <sub>8</sub>	29	25.00	11.34	25.00	11.34	
3	80					4 <sup>1</sup> / <sub>4</sub>	108	1 <sup>3</sup> / <sub>16</sub>	30	23.00	10.43	23.00	10.43	
4	100					5 <sup>5</sup> / <sub>16</sub>	135	1 <sup>5</sup> / <sub>16</sub>	33	21.00	9.52	21.00	9.52	
5	125					6 <sup>7</sup> / <sub>16</sub>	164	1 <sup>7</sup> / <sub>16</sub>	37	19.00	8.62	19.00	8.62	
2	50	13 <sup>1</sup> / <sub>2</sub>	343	1 <sup>1</sup> / <sub>8</sub>	29	3 <sup>1</sup> / <sub>16</sub>	78	1 <sup>3</sup> / <sub>16</sub>	30	44.00	19.95	–	–	
3	80					4 <sup>1</sup> / <sub>4</sub>	108	1 <sup>3</sup> / <sub>16</sub>	30	40.00	18.14	40.00	18.14	
4	100					5 <sup>5</sup> / <sub>16</sub>	135	1 <sup>5</sup> / <sub>16</sub>	33	37.00	16.78	37.00	16.78	
5	125					6 <sup>7</sup> / <sub>16</sub>	164	1 <sup>7</sup> / <sub>16</sub>	37	34.00	15.42	–	–	
6	150					7 <sup>9</sup> / <sub>16</sub>	192	1 <sup>9</sup> / <sub>16</sub>	40	31.00	14.06	31.00	14.06	
6	150	16	406	1 <sup>3</sup> / <sub>16</sub>	30	7 <sup>9</sup> / <sub>16</sub>	192	1 <sup>9</sup> / <sub>16</sub>	40	53.00	24.04	–	–	
8	200					9 <sup>11</sup> / <sub>16</sub>	246	1 <sup>3</sup> / <sub>4</sub>	44	50.00	22.68	–	–	
6	150	19	483	1 <sup>1</sup> / <sub>4</sub>	32	7 <sup>9</sup> / <sub>16</sub>	192	1 <sup>9</sup> / <sub>16</sub>	40	88.00	39.91	–	–	
8	200					9 <sup>11</sup> / <sub>16</sub>	246	1 <sup>3</sup> / <sub>4</sub>	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 1<sup>3</sup>/<sub>16</sub> inch (338 DN) OD flange, order 5 NPS x 1<sup>3</sup>/<sub>16</sub> inch (125 x 338 DN) reducing flange.

Note: See page 62 for pressure-temperature ratings.

