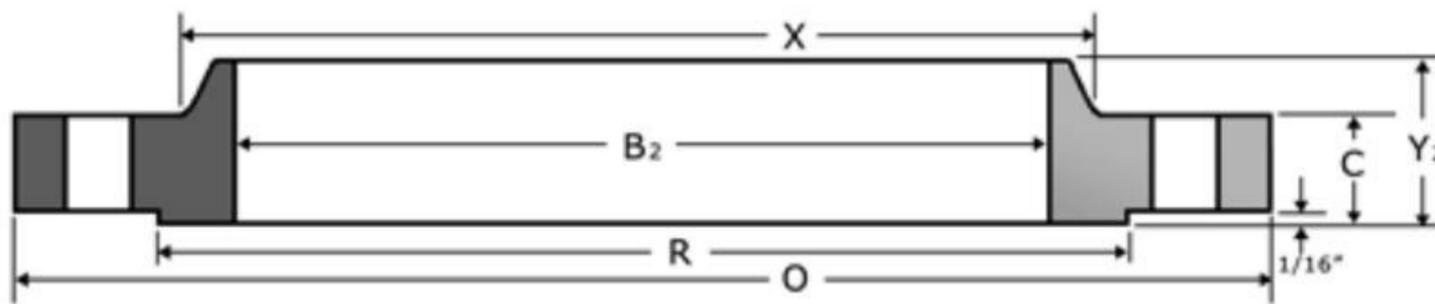


WELDING NECK TYPE



SLIP-ON TYPE

Forged and Rolled Steel

ASTM A181

Nominal Pipe Size NPS	COMMON DIMENSIONS				LENGTH THRU HUB		BORE		Diam. of Hub at Bevel A	Approx Weight Pounds		DRILLING TEMPLATE			
	Outside Diam.	Thickness	O.D. Raised Face	Diam. at Base of Hub	Welding Neck	Slip-On	Welding Neck	Slip-On		Welding Neck	Slip-On	Bolt Circle Diam.	Number of Holes	Diam. of Holes	Diam of Bolts
	O	C	R	X	Y ₁	Y ₂	B ₁	B ₂		Welding Neck	Slip-On				
26	38.25	2.813	32 ⁷ / ₁₆	30.50	5.813	4.75		26.25	26	530	530	34.50	28	1.875	1.75
28	40.75	2.938	34 ¹⁵ / ₁₆	33	5.938	5		28.25	28	630	640	37	28	1.875	1.75
30	43	3	37 ³ / ₁₆	35.25	6	5		30.25	30	700	710	39.25	28	1.875	1.75
32	45.25	3.125	39 ⁷ / ₁₆	37.50	6.125	5.125		32.25	32	790	800	41.50	28	1.875	1.75
34	47.50	3.25	41 ⁷ / ₁₆	39.50	6.25	5.25		34.25	34	880	890	43.50	28	1.875	1.75
36	50	3.375	43 ¹¹ / ₁₆	41.50	6.375	5.375		36.25	36	970	970	46	32	2.125	2
38	52.25	3.438	45 ¹¹ / ₁₆	43.50	6.438	5.50		38.25	38	1050	1050	48	32	2.125	2
40	54.50	3.563	47 ¹⁵ / ₁₆	45.75	6.563	5.50		40.25	40	1150	1175	50.25	36	2.125	2
42	57	3.688	50 ⁷ / ₁₆	47.75	6.938	5.625		42.25	42	1325	1300	52.75	36	2.125	2
44	59.25	3.75	52 ¹¹ / ₁₆	49.75	7	5.75		44.25	44	1425	1400	55	36	2.125	2
46	61.50	3.875	54 ¹⁵ / ₁₆	51.75	7.125	5.875		46.25	46	1525	1500	57.25	40	2.125	2
48	65	4	58 ⁷ / ₁₆	54	7.25	6		48.25	48	1825	1800	60.75	40	2.125	2

• Properly there is no Steel Flange Standard of this designation, the term "Class 250" being precisely applicable to a Cast Iron Standard under ANSI B16.1. The above flanges correspond to this Standard in diameter, thickness and drilling (except that bolt holes are 1/8" larger than bolt diameter) and they carry the same pressure rating.

• While the Cass 250 Standard specifies a 1/16" raised face, any other type of facing can be furnished.

• Carbon bolts are intended. Blind Flanges will be furnished to the thicknesses listed above, unless otherwise specified.

• All dimensions are in inches. Prices on application. Convert to [MILLIMETERS](#).

B₁ To be specified by purchaser.