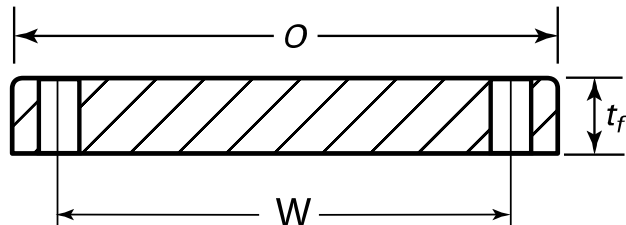




BLIND FLANGE STEEL ASTM A105 ANSI B16.5 FF (FLAT FACE) CLASS 150

cod. 050161



Material: ASTM A105-2023
Design: ASME B16.5-2020

Fiorella Representaciones S.A.C. Importador y
distribuidor autorizado de bridas FR
para Perú y para su exportación.

TOLERANCES

Flange Thickness		Center-to-Contact Surfaces		Contact Surface-to-Contact Surface		Bolt Circle Diameter	Bolt Hole to Bolt Hole	Bolt Circle Concentricity	
Size	Tolerance, mm (in.)	Size	Tolerance, mm (in.)	Size	Tolerance, mm (in.)			Size	Tolerance, mm (in.)
NPS ≤ 18	+3.0, -0.0 (+0.12, -0.00)	NPS ≤ 10	±1.0 (±0.04)	NPS ≤ 10	±2.0 (±0.08)	±1.5 mm (±0.06 in.)	±0.8 mm (±0.03 in.)	NPS ≤ 2 1/2	0.8 (0.03)
NPS ≥ 20	+5.0, -0.0 (+0.20, -0.00)	NPS ≥ 12	±1.5 (±0.06)	NPS ≥ 12	±3.0 (±0.12)			NPS ≥ 3	1.5 (0.06)

Nominal Pipe Size, NPS	Outside Diameter of Flange (O)	Minimum Thickness of Flange, (t _f)	Diameter of Bolt Circle (W)	Diameter of Bolt Holes (inch)	Number of Bolts	Diameter of Bolts (inch)	Weight Approx. (kg)
inch							
1/2"	89	9.7	60.5	5/8	4	1/2	0.47
3/4"	99	11.2	69.8	5/8	4	1/2	0.63
1"	108	12.7	79.2	5/8	4	1/2	0.94
1 1/4"	117	14.2	88.9	5/8	4	1/2	1.23
1 1/2"	127	15.9	98.6	5/8	4	1/2	1.62
2"	152	17.5	120.6	3/4	4	5/8	2.64
2 1/2"	178	20.6	139.7	3/4	4	5/8	4.06
3"	190	22.4	152.4	3/4	4	5/8	4.90
3 1/2"	216	22.4	177.8	3/4	8	5/8	-
4"	229	22.4	190.5	3/4	8	5/8	7.41
5"	254	22.4	215.9	7/8	8	3/4	8.76
6"	279	23.9	241.3	7/8	8	3/4	11.31
8"	343	26.9	298.4	7/8	8	3/4	19.92
10"	406	28.4	362.0	1	12	7/8	29.39
12"	483	30.2	431.8	1	12	7/8	43.70
14"	533	33.3	476.2	1 1/8	12	1	59.42
16"	597	35.1	539.8	1 1/8	16	1	77.11
18"	635	38.1	577.8	1 1/4	16	1 1/8	94.80
20"	698	41.1	635.0	1 1/4	20	1 1/8	123.38
22"	749	44.4	692.2	1 3/8	20	1 1/4	-
24"	813	46.0	749.3	1 3/8	20	1 1/4	188.24

* Note : Dimensions, design and materials are subject to change without notice. Reference weights

MAC - MMXXIV

