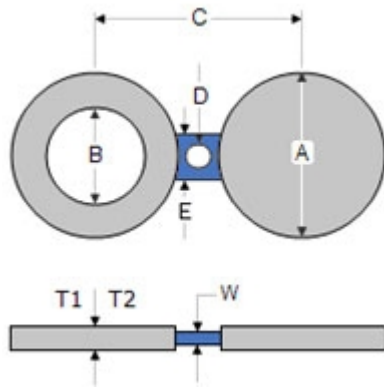


# ASTM A105 Carbon Steel Spectacle Blind Flange

## Drawing



## Dimensions

DIMENSIONS OF CLASS 150 FLANGES AS PER ANSI B 16.48								
NB	A	B	C	D	E	T1	T2	
1/2"	15	48	14	60		26	5	4
3/4"	20	57	21	70		32	5	4
1"	25	67	27	79		38	5	4
1 1/2"	40	86	41	98		52	5	4
2"	50	105	52	120	20	64	6	4
3"	80	137	78	152	20	86	8	6
4"	100	175	103	190	20	114	9	7
6"	150	222	154	241	22	148	12	10
8"	200	279	203	298	22	188	15	12
10"	250	340	254	362	26	154	18	15
12"	300	410	303	432	26	190	21	18
14"	350	451	343	476	30	208	23	20
16"	400	515	394	540	30	176	25	23
18"	450	550	445	578	33	188	28	26
20"	500	605	495	635	33	162	31	29
24"	600	720	597	749	36	194	37	34

DIMENSIONS OF CLASS 300 FLANGES AS PER ANSI B 16.48								
NB	A	B	C	D	E	T1	T2	
1/2"	15	54	14	66		30	5	4
3/4"	20	67	21	83		36	5	4
1"	25	73	27	89		42	5	4
1 1/2"	40	95	41	114		58	7	5
2"	50	111	52	127	20	68	8	6
3"	80	149	78	168	22	96	11	8
4"	100	181	103	200	22	118	13	10
6"	150	251	154	270	22	112	18	15
8"	200	308	203	330	26	138	23	19
10"	250	362	254	387	30	118	27	24
12"	300	422	303	451	33	138	32	28
14"	350	486	343	514	33	124	35	33
16"	400	540	394	571	36	140	39	37
18"	450	595	445	628	36	126	44	42
20"	500	655	495	686	36	140	49	47
24"	600	775	597	813	42	168	58	56

DIMENSIONS OF CLASS 600 FLANGES AS PER ANSI B 16.48								
	NB	A	B	C	D	E	T1	T2
1/2"	15	54	14	66		30	5	4
3/4"	20	67	21	82		36	6	4
1"	25	73	27	89		42	7	4
1 1/2"	40	95	41	114		58	9	6
2"	50	111	52	127	20	68	11	8
3"	80	149	78	168	22	96	15	12
4"	100	194	103	216	26	126	18	15
6"	150	267	154	292	30	116	24	21
8"	200	321	203	349	33	140	31	27
10"	250	400	254	432	36	128	38	33
12"	300	457	303	489	36	114	44	39
14"	350	492	343	527	39	122	48	44
16"	400	565	394	603	42	144	55	53
18"	450	613	445	654	45	155	62	60
20"	500	682	495	724	45	140	68	67
24"	600	790	597	838	52	164	81	80

**Note:**

- D = Hole size (where required) should be the same as the flange bolt hole. In practice, these dimensions have been rounded round off upwards.
- T1 = Thickness Carbon Steel.      T2 = Thickness Stainless Steel.
- W = Thickness of the web (or tie bar) should be 0.25 inch (6 mm) minimum, or equal to T1 and T2 if less than 0.25 inch (6 mm).
- Spectacle Blinds should be made from a plate or forging specification, approved for use by ASME B31.3, of essentially the same chemical composition as the mating flanges and piping involved.
- Depending on a customer specification, the dimensions can be different from this catalogue.
- All dimensions are in millimeters unless indicated.
- Depending on a customer specification, the dimensions can be different from this catalogue