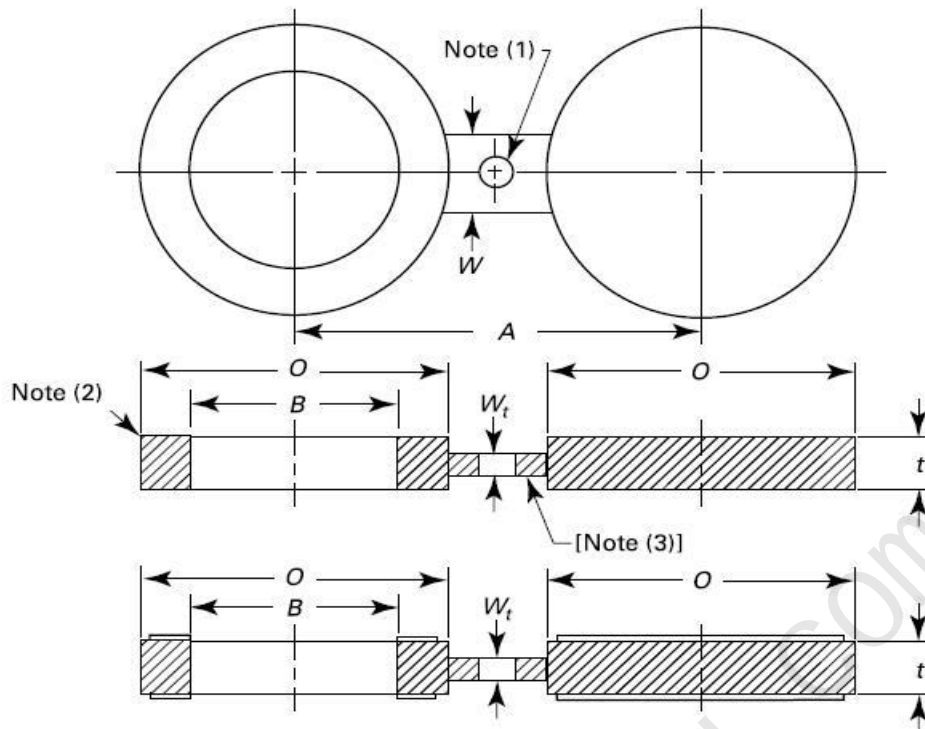


Figure 8 blanks - ASME B16.48



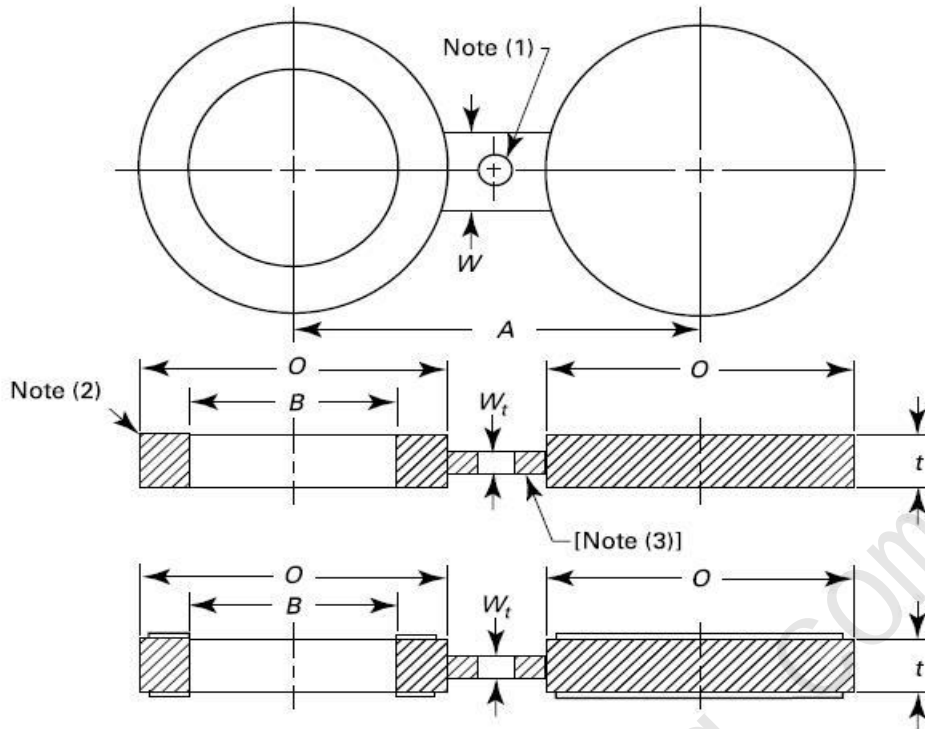
Class 150

NPS	DN	OD, <i>O</i>	ID, <i>B</i>	Centerline, <i>A</i>	Thickness, <i>t</i>	Web Width, <i>W</i>
1/2	15	45	16	60	3	38
3/4	20	54	21	70	3	38
1	25	64	27	80	3	38
1 1/4	32	73	42	90	6.4	38
1 1/2	40	83	48	100	6.4	38
2	50	102	61	120	6.4	51
2 1/2	65	107	73	140	6.4	51
3	80	133	89	150	6.4	64
3 1/2	90	159	102	175	9.7	64
4	100	172	114	190	9.7	64
5	125	194	141	215	9.7	76
6	150	219	168	240	12.7	76
8	200	276	219	300	12.7	76
10	250	337	273	360	15.7	102
12	300	406	324	430	19.1	102
14	350	448	356	475	19.1	108
16	400	511	406	460	22.4	108
18	450	546	457	580	25.4	114
20	500	603	508	635	28.4	121
24	600	714	610	750	31.8	140

NOTE:

- (1) Hole size (where required due to bolt spacing) shall be the same as the flange bolt hole and located such that it will not interfere with bolting between two flanges.
- (2) Optional raised face.
- (3) The handle or web (tie bar) may be integral or attached to the line blank or spacer. The web and its attachment shall be capable of supporting the weight of the blank or spacer in all orientations without permanent deformation to the web.

Figure 8 blanks - ASME B16.48



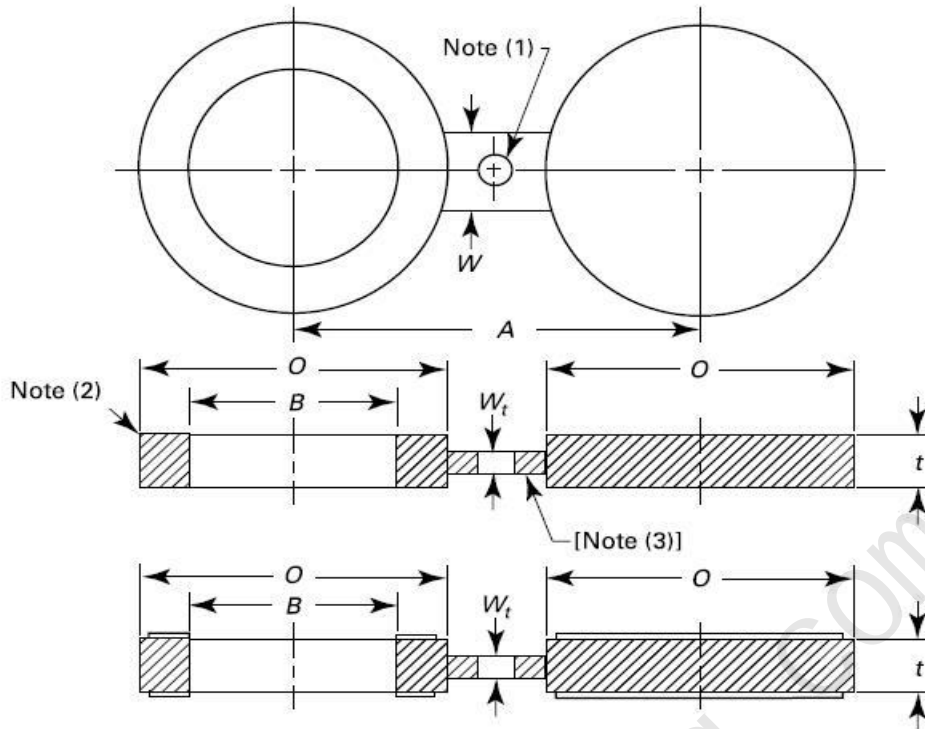
Class 300

NPS	DN	OD, O	ID, B	Centerline, A	Thickness, t	Web Width, W
1/2	15	51	16	65	6.4	38
3/4	20	64	21	80	6.4	38
1	25	70	27	90	6.4	38
1 1/4	32	79	42	100	6.4	38
1 1/2	40	92	48	115	6.4	38
2	50	108	61	125	9.7	51
2 1/2	65	127	73	150	9.7	51
3	80	146	89	170	9.7	64
3 1/2	90	162	102	185	12.7	64
4	100	178	114	200	12.7	64
5	125	213	141	235	15.7	76
6	150	248	168	270	15.7	76
8	200	305	219	330	22.4	76
10	250	359	273	385	25.4	102
12	300	419	324	450	28.4	102
14	350	483	356	515	31.8	108
16	400	536	406	570	38.1	108
18	450	594	457	630	41.1	114
20	500	651	508	685	44.5	121
24	600	772	610	810	50.8	140

NOTE:

- (1) Hole size (where required due to bolt spacing) shall be the same as the flange bolt hole and located such that it will not interfere with bolting between two flanges.
- (2) Optional raised face.
- (3) The handle or web (tie bar) may be integral or attached to the line blank or spacer. The web and its attachment shall be capable of supporting the weight of the blank or spacer in all orientations without permanent deformation to the web.

Figure 8 blanks - ASME B16.48



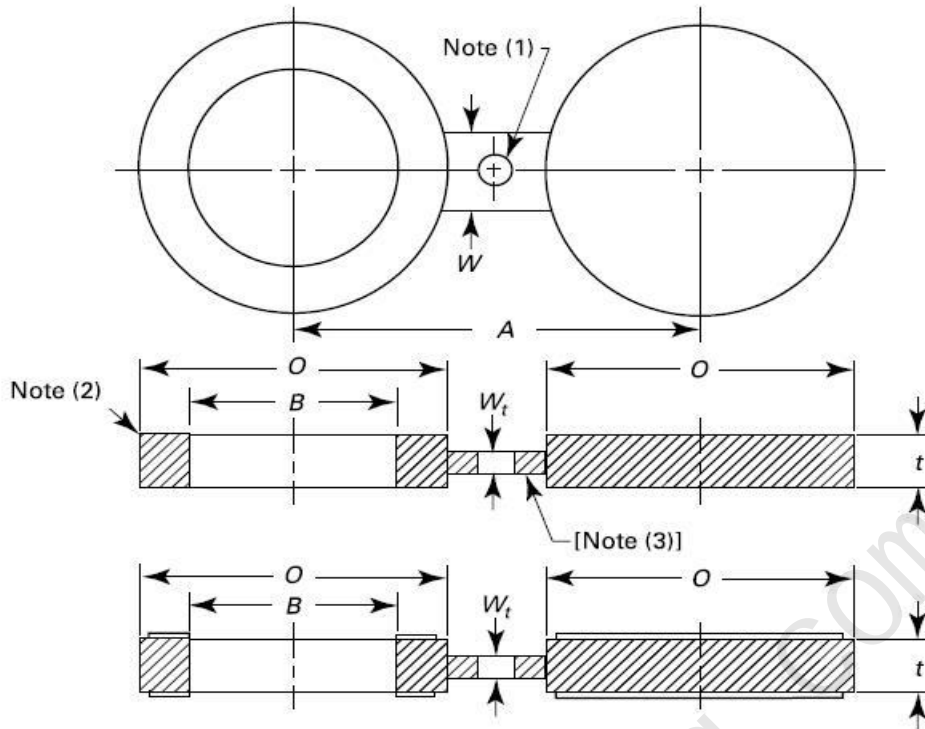
Class 600

NPS	DN	OD, O	ID, B	Centerline, A	Thickness, t	Web Width, W
1/2	15	51	16	65	6.4	38
3/4	20	64	21	80	6.4	38
1	25	70	27	90	6.4	57
1 1/4	32	79	37	100	9.7	57
1 1/2	40	92	43	115	9.7	67
2	50	108	55	125	9.7	57
2 1/2	65	127	67	150	12.7	67
3	80	146	83	170	12.7	67
3 1/2	90	159	96	185	15.7	76
4	100	191	108	215	15.7	76
5	125	238	135	265	19.1	86
6	150	264	162	290	22.4	86
8	200	318	212	350	28.4	95
10	250	397	265	430	35.1	105
12	300	454	315	490	41.1	105
14	350	489	346	525	44.5	114
16	400	562	397	605	50.8	124
18	450	610	448	655	53.8	133
20	500	679	497	725	63.5	133
24	600	787	597	840	73.2	152

NOTE:

- (1) Hole size (where required due to bolt spacing) shall be the same as the flange bolt hole and located such that it will not interfere with bolting between two flanges.
- (2) Optional raised face.
- (3) The handle or web (tie bar) may be integral or attached to the line blank or spacer. The web and its attachment shall be capable of supporting the weight of the blank or spacer in all orientations without permanent deformation to the web.

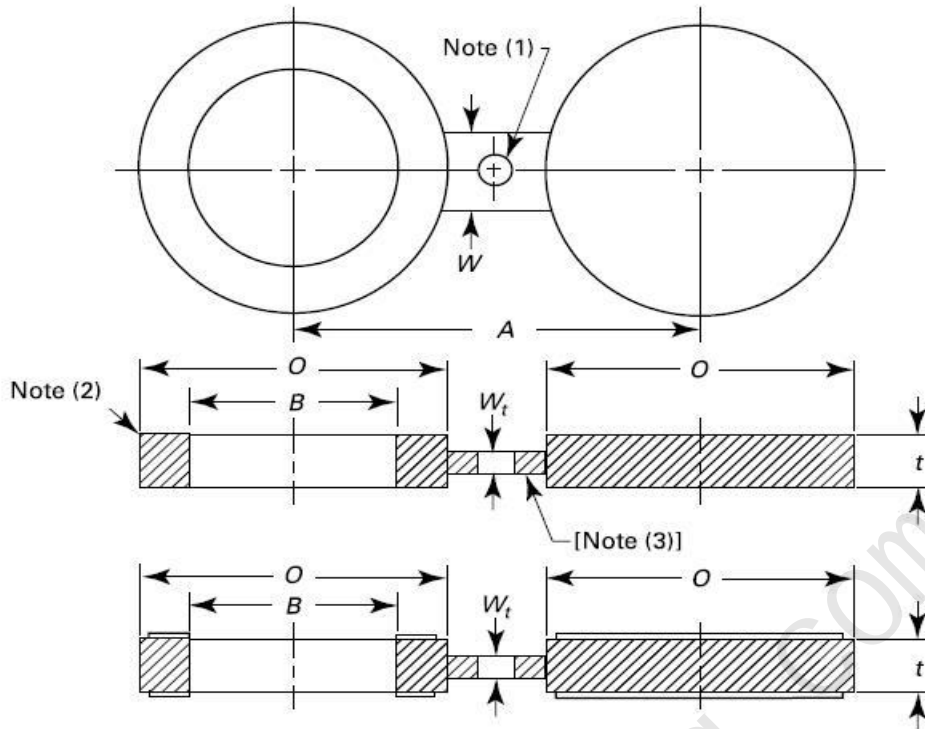
Figure 8 blanks - ASME B16.48



Class 900

NPS	DN	OD, O	ID, B	Centerline, A	Thickness, t	Web Width, W
1/2	15	60	16	80	6.4	38
3/4	20	67	21	90	6.4	41
1	25	76	27	100	6.4	57
1 1/4	32	86	37	110	9.7	57
1 1/2	40	95	43	125	9.7	67
2	50	140	55	165	12.7	57
2 1/2	65	162	67	190	12.7	67
3	80	165	83	190	15.7	67
4	100	203	108	235	19.1	76
5	125	244	135	280	22.4	86
6	150	286	162	320	25.4	86
8	200	356	212	395	35.1	95
10	250	432	265	470	41.1	105
12	300	495	315	535	47.8	105
14	350	518	346	560	53.8	114
16	400	572	397	615	60.5	124
18	450	635	448	685	66.5	133
20	500	696	497	750	73.2	133
24	600	835	597	900	88.9	152

Figure 8 blanks - ASME B16.48



Class 1500

NPS	DN	OD, O	ID, B	Centerline, A	Thickness, t	Web Width, W
1/2	15	61	16	80	6.4	38
3/4	20	67	21	90	9.7	41
1	25	76	27	100	9.7	64
1 1/4	32	86	35	110	9.7	64
1 1/2	40	95	41	125	12.7	70
2	50	140	53	165	12.7	70
2 1/2	65	162	63	190	15.7	76
3	80	172	78	205	19.1	76
4	100	206	102	240	22.4	89
5	125	251	128	290	28.4	89
6	150	279	154	320	35.1	89
8	200	349	203	395	41.1	102
10	250	432	255	480	50.8	114
12	300	518	303	570	60.5	114
14	350	575	333	635	66.5	127
16	400	638	381	705	76.2	133
18	450	702	429	775	85.9	146
20	500	752	478	830	95.3	152
24	600	899	575	990	111.3	178

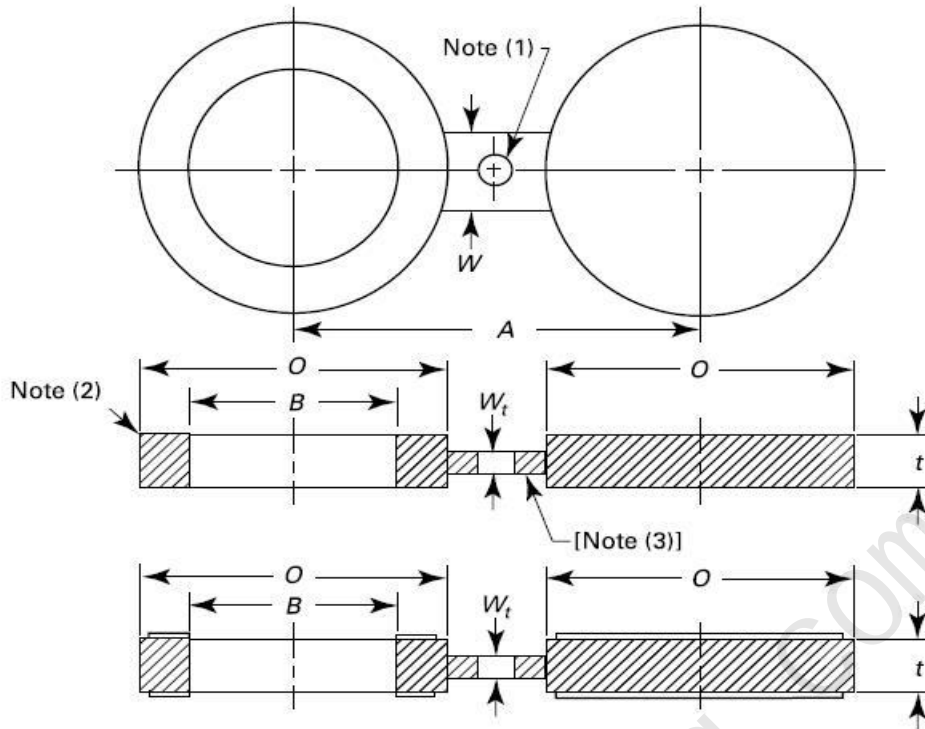
NOTE:

(1) Hole size (where required due to bolt spacing) shall be the same as the flange bolt hole and located such that it will not interfere with bolting between two flanges.

(2) Optional raised face.

(3) The handle or web (tie bar) may be integral or attached to the line blank or spacer. The web and its attachment shall be capable of supporting the weight of the blank or spacer in all orientations without permanent deformation to the web.

Figure 8 blanks - ASME B16.48



Class 2500

NPS	DN	OD, O	ID, B	Centerline, A	Thickness, t	Web Width, W
1/2	15	67	16	90	9.7	38
3/4	20	73	21	95	9.7	41
1	25	83	27	110	9.7	64
1 1/4	32	102	35	130	12.7	64
1 1/2	40	114	41	145	15.7	70
2	50	143	53	170	15.7	70
2 1/2	65	165	63	195	19.1	76
3	80	194	78	230	22.4	76
4	100	232	102	275	28.4	89
5	125	276	128	325	35.1	89
6	150	314	154	370	41.1	89
8	200	384	198	440	53.8	102
10	250	473	248	540	66.5	114
12	300	546	289	620	79.2	114

NOTE:

- (1) Hole size (where required due to bolt spacing) shall be the same as the flange bolt hole and located such that it will not interfere with bolting between two flanges.
- (2) Optional raised face.
- (3) The handle or web (tie bar) may be integral or attached to the line blank or spacer. The web and its attachment shall be capable of supporting the weight of the blank or spacer in all orientations without permanent deformation to the web.