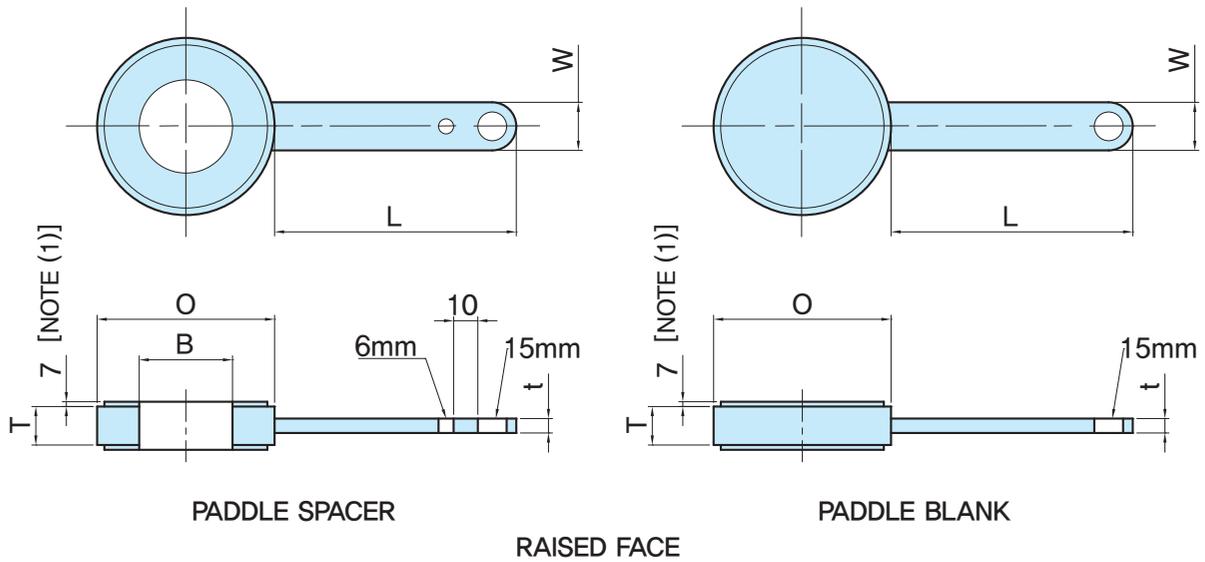


CLASS 1500 FLANGES



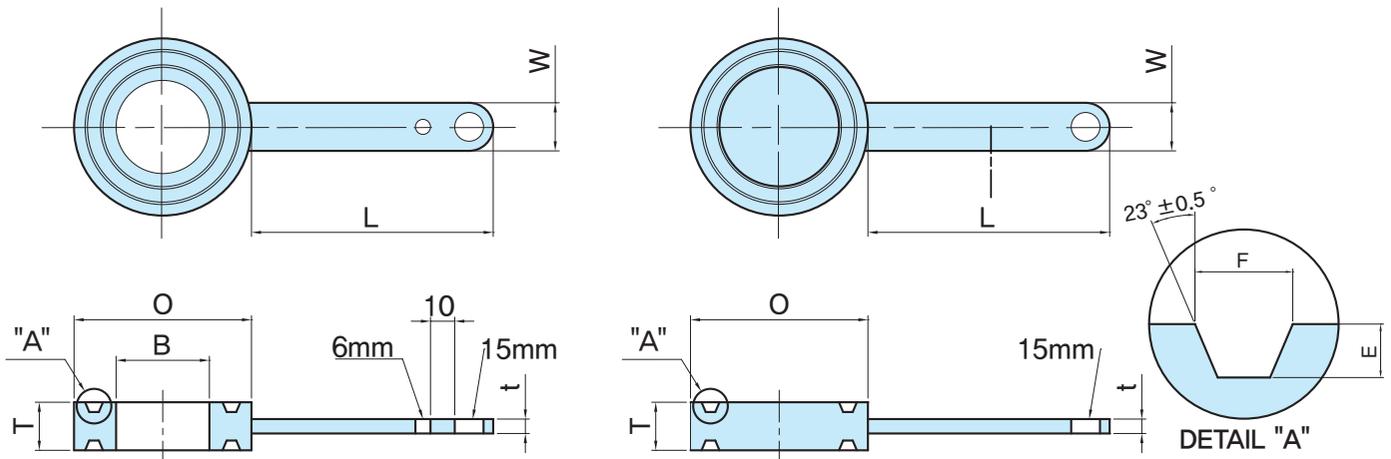
ASME B16.48 PADDLE SPACER & BLANK

Unit : mm

NPS	RAISED FACE					
	Inside Diam.	Outside Diam.	Thickness	Handle Width	Handle Length	Handle Thickness
	B	O	T	W	L	t
1/2	16	61	6.4	20.0	130.0	3.0
3/4	21	67	9.7	20.0	130.0	5.0
1	27	76	9.7	27.0	140.0	5.0
1 1/4	35	86	9.7	27.0	140.0	5.0
1 1/2	41	95	12.7	27.0	140.0	6.0
2	53	140	12.7	27.0	140.0	6.0
2 1/2	63	162	15.7	27.0	140.0	8.0
3	78	172	19.1	27.0	150.0	8.0
4	102	206	22.4	27.0	150.0	10.0
5	128	251	28.4	27.0	160.0	15.0
6	154	279	35.1	38.0	160.0	20.0
8	203	349	41.1	38.0	170.0	20.0
10	255	432	50.8	38.0	180.0	20.0
12	303	518	60.5	38.0	180.0	20.0
14	333	575	66.5	38.0	190.0	20.0
16	381	638	76.2	38.0	190.0	20.0
18	429	702	85.9	38.0	210.0	20.0
20	478	752	95.3	38.0	220.0	20.0
24	575	899	111.3	38.0	230.0	20.0

Notes :

- (1) The gasket seating surface finish and dimensions for raised face line blanks shall be in accordance with ASME B16.5.
A raised face may be specified at the option of the Purchaser. The height of the raised faces shall be in addition to the thickness, T.
- (2) Unless otherwise specified by the customer, Thickness (T) will be furnished in accordance with these details.



PADDLE SPACER

RING JOINT FACING

PADDLE BLANK

* Tolerances for facings shall be in accordance with ASME B16.5
 * Thickness tolerance are
 NPS 18 and smaller : -0 +3.0mm (0.12in)
 NPS 20 and larger : -0 +3.0mm (0.19in)

Unit : mm

NPS	RING JOINT FACING									
	Inside Diam.	Outside Diam.	Thickness	Handle Width	Handle Length	Handle Thickness	Groove Dimensions			Ring No.
							Pitch Diam.	Width	Depth	
B	O	T	W	L	t	P	F	E		
1/2	21	61	22.4	20.0	130.0	10.0	39.67	8.74	6.35	R 12
3/4	27	67	25.4	20.0	130.0	12.0	44.45	8.74	6.35	R 14
1	34	71	25.4	27.0	140.0	12.0	50.80	8.74	6.35	R 16
1 1/4	42	81	25.4	27.0	140.0	12.0	60.33	8.74	6.35	R 18
1 1/2	48	92	28.4	27.0	140.0	15.0	68.27	8.74	6.35	R 20
2	61	124	35.1	27.0	150.0	20.0	95.25	11.91	7.92	R 24
2 1/2	73	137	38.1	27.0	150.0	20.0	107.95	11.91	7.92	R 27
3	89	168	44.5	27.0	150.0	20.0	136.53	11.91	7.92	R 35
4	114	194	47.8	27.0	160.0	20.0	161.93	11.91	7.92	R 39
5	141	229	53.8	27.0	170.0	20.0	193.68	11.91	7.92	R 44
6	168	248	60.5	38.0	170.0	20.0	211.14	13.49	9.53	R 46
8	219	318	73.2	38.0	180.0	20.0	269.88	16.66	11.13	R 50
10	273	371	82.5	38.0	210.0	20.0	323.85	16.66	11.13	R 54
12	324	438	101.6	38.0	220.0	20.0	381.00	23.01	14.27	R 58
14	356	489	111.3	38.0	230.0	20.0	419.10	26.97	15.88	R 63
16	406	546	124.0	38.0	240.0	20.0	469.90	30.18	17.48	R 67
18	457	613	133.0	38.0	250.0	20.0	533.40	30.18	17.48	R 71
20	508	673	142.7	38.0	260.0	20.0	584.20	33.32	17.48	R 75
24	610	794	168.1	38.0	280.0	20.0	692.15	36.53	20.62	R 79

Notes :

- (3) Ring-joint groove dimensions shall be in accordance with ASME B16.5.
- (4) Tolerances for facings shall be in accordance with ASME B16.5.