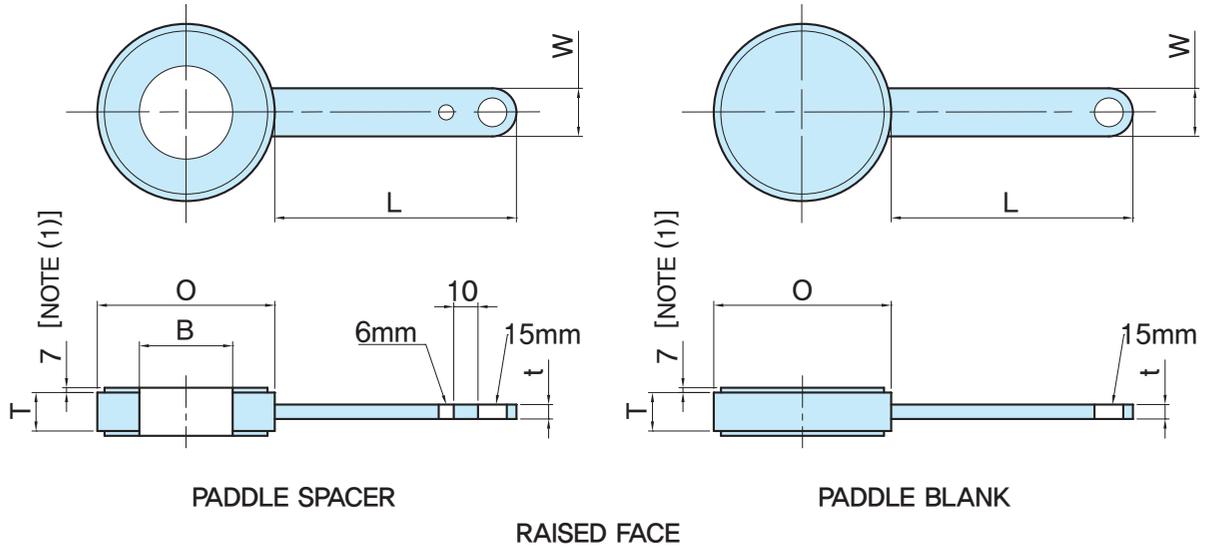


# CLASS 2500 FLANGES



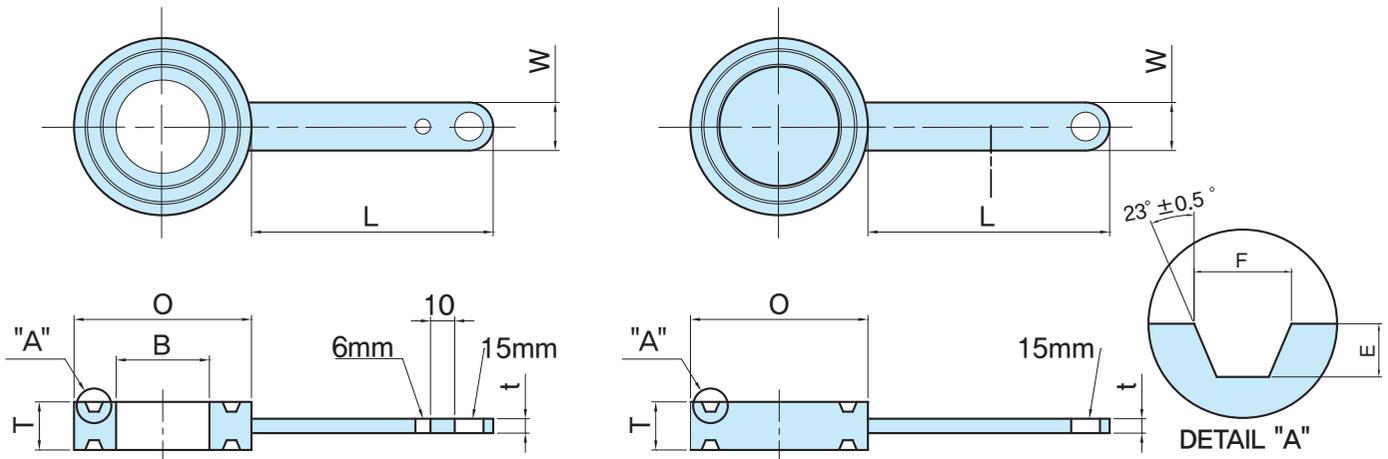
## ASME B16.48 PADDLE SPACER & BLANK

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	67	9.7	20.0	130.0	5.0
3/4	21	73	9.7	20.0	130.0	5.0
1	27	83	9.7	27.0	140.0	5.0
1 1/4	35	102	12.7	27.0	140.0	6.0
1 1/2	41	114	15.7	27.0	150.0	8.0
2	53	143	15.7	27.0	150.0	8.0
2 1/2	63	165	19.1	27.0	150.0	8.0
3	78	194	22.4	27.0	160.0	10.0
4	102	232	28.4	27.0	160.0	15.0
5	128	276	35.1	27.0	170.0	20.0
6	154	314	41.1	38.0	190.0	20.0
8	198	384	53.8	38.0	190.0	20.0
10	248	473	66.5	38.0	200.0	20.0
12	289	546	79.2	38.0	210.0	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 :  $-0 +3.0\text{mm}$  (0.12in)  
 NPS 20 and larger :  $-0 +3.0\text{mm}$  (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	65	25.4	20.0	130.0	12.0	42.88	8.74	6.35	R 13
3/4	27	73	28.4	20.0	130.0	15.0	50.80	8.74	6.35	R 16
1	34	83	28.4	27.0	140.0	15.0	60.33	8.74	6.35	R 18
1 1/4	42	102	35.1	27.0	140.0	20.0	72.23	11.91	7.92	R 21
1 1/2	48	114	38.1	27.0	150.0	20.0	82.55	11.91	7.92	R 23
2	61	133	41.1	27.0	150.0	20.0	101.60	11.91	7.92	R 26
2 1/2	73	149	47.8	27.0	160.0	20.0	111.13	13.49	9.52	R 28
3	89	168	50.8	27.0	170.0	20.0	127.00	13.49	9.53	R 32
4	114	203	63.5	27.0	180.0	20.0	157.18	16.66	11.13	R 38
5	141	241	73.2	27.0	190.0	20.0	190.50	19.84	12.70	R 42
6	168	279	82.6	38.0	200.0	20.0	228.60	19.84	12.70	R 47
8	219	340	98.6	38.0	210.0	20.0	279.40	23.01	14.27	R 51
10	273	425	117.3	38.0	230.0	20.0	342.90	30.18	17.48	R 55
12	324	495	133.4	38.0	230.0	20.0	406.40	33.32	17.48	R 60

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.