



TSM Technology Co., Ltd.  
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Germany standard flange DIN 2503 for soldering or welding Nominal Pressure 25								
Flansche, glatt zum löten oder schweißen DIN 2503 Nenndruck 25								
Brides plates a souder DIN 2503 pression nominale 25								
DIN 2503 PN25 (in mm)								
Nominal Pipe Size	Diameter of Pipe	Flange I.D	Flange Dia	Thk of Flange	Dia of Bolt Circle	No. of holes	Dia of Bolt Holes	KG
DN	Pipe	D5	D	B	K	holes	D2	
10	17.20	17.70	90	16	60	4	14	0.69
15	21.30	22.00	95	16	65	4	14	0.77
20	26.90	27.60	105	18	75	4	14	1.05
25	33.70	34.40	115	18	85	4	14	1.25
32	42.40	43.10	140	18	100	4	18	1.83
40	48.30	49.00	150	18	110	4	18	2.09
50	60.30	61.10	165	20	125	4	18	2.74
65	76.10	77.10	185	22	145	8	18	3.48
80	88.90	90.30	200	24	160	8	18	4.33
100	114.30	115.90	235	24	190	8	22	5.61
125	139.70	141.60	270	26	220	8	26	7.60
150	168.30	170.50	300	28	250	8	26	9.58
175	193.70	196.10	330	28	280	12	26	10.76
200	219.10	221.80	360	30	310	12	26	13.37
250	273.00	276.20	425	32	370	12	30	18.45
300	323.90	327.60	485	34	430	16	30	23.79
350	355.60	359.70	555	38	490	16	33	37.77
400	406.40	411.00	620	40	550	16	36	45.41
500	508.00	513.60	730	44	660	20	36	65.97
600	610.00	616.50	845	50	770	20	39	93.57
700	711.00	716.00	960	52	875	24	42	117.53
800	813.00	818.00	1085	56	990	24	48	156.34
900	914.00	920.00	1185	62	1090	28	48	188.57
1000	1016.00	1022.00	1320	68	1210	28	56	255.79

**NOTE:**

1. Facing according to DIN 2526

Flat face:

Form A, Face without any requirements



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Form B, Face Rz=160, machined (not smoother than 40 $\mu$ m)

Raised Face:

Form C, Face Rz=160, machined (not smoother than 40 $\mu$ m)

Form D, Face Rz=40, machined

Form E, Face Rz=16, machined

2. Tongue and groove according to DIN 2512

Form F, Tongue

Form N, Groove

3. Male and Female according to DIN 2513, DIN 2514

Form V13, V14, Male

Form R13, R16, Female

4. Chamfering for diaphragm-weld packings, PN64-PN400, according to DIN 2695

5. Facing for lens-shaped joints, PN64-PN400, according to DIN 2696