



TSM Technology Co., Ltd.
 5th Keji Road, Gaoxin District, Xi'an City, China
 Tel: 0086 29 87547434
 Fax: 0086 29 87547434

Germany standard flange DIN 2501 for soldering or welding Nominal Pressure 16

Flansche, glatt zum löten oder schweißen DIN 2501 Nenndruck 16

Brides plates a souder DIN 2501 pression nominale 16

DIN 2501 PN 16 PLATE FLANGE DIMENSIONS (in mm)

Nominal Pipe Size	Diameter of Pipe	Flange Dia D	Flange I.D D5	Thk of Flanges B	f	Dia of Bolt Circle K	No. of holes	Dia of Bolt Holes D2	Weight	
									PLATE KG	BLIND KG
15	21.30	95	22.00	14	2	65	4	14	0.67	0.71
20	26.90	105	27.60	16	2	75	4	14	0.93	1.01
25	33.70	115	34.40	16	2	85	4	14	1.11	1.23
32	42.40	140	43.10	16	2	100	4	18	1.62	1.81
40	48.30	150	49.00	16	3	110	4	18	1.85	2.09
50	60.30	165	61.10	18	3	125	4	18	2.46	2.88
65	76.10	185	77.10	18	3	145	4	18	2.99	3.65
80	88.90	200	90.30	20	3	160	8	18	3.61	4.61
100	114.30	220	115.90	20	3	180	8	18	3.99	5.65
125	139.70	250	141.60	22	3	210	8	18	5.41	8.13
150	168.30	285	170.50	22	3	240	8	22	6.55	10.44
175	193.70	315	196.10	24	3	270	8	22	8.42	
200	219.10	340	221.80	24	3	295	12	22	8.97	16.48
250	273.00	405	276.20	26	3	355	12	26	12.76	23.99
300	323.90	460	327.60	28	3	410	12	26	16.60	30.73
350	355.60	520	359.70	30	4	470	16	26	24.08	42.56
400	406.40	580	411.00	32	4	525	16	30	30.20	60.68
450	457.00	640	462.30	38	4	585	20	30	41.67	71.74
500	508.00	715	513.60	38	4	650	20	33	52.87	96.4
600	610.00	840	616.50	42	4	770	20	36	77.58	145.6
700	711.00	910	716.00	44		840	24	36	77.13	
800	813.00	1025	818.00	50		950	24	39	106.35	
900	914.00	1125	920.00	54		1050	28	39	125.39	
1000	1016.00	1255	1022.00	60		1170	28	42	177.99	

NOTE:

1. Facing according to DIN 2526

Flat face:

Form A, Face without any requirements

Form B, Face Rz=160, machined (not smoother than 40µm)



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Raised Face:

Form C, Face Rz=160, machined (not smoother than 40 μ 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. Chemfering for diaphragm-weld packings, PN64-PN400, according to DIN 2695

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



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