



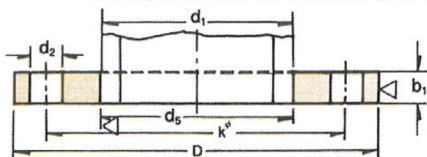
DIN FLANGE

DIN 2576

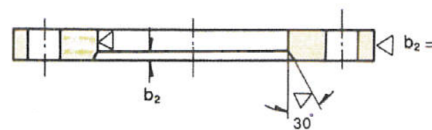
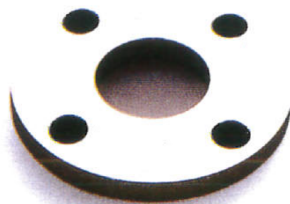
PLATE FLANGE

2). Nominal Pressure 10

The flanges with the dimensions of this standard and made of St.37-2 can be used with up to 10 kg/cm² of working pressure at temperature below 120°C. At the temperature over 120°C, it should be taken into consideration that the material yield point lowers



Form A : Gasket surface unfinished ~
Form B : Gasket surface finished ▽



[For Shipbuilders]

Form A : Gasket surface unfinished ~
Form B : Gasket surface finished ▽

(Dimensions in mm)

Pipe		Flange				Drilling			Approx. Weight (7.85 kg/dm ³) kg ≈
Nominal Size	d ₁	d ₅	D	b ₁ ¹⁾	k	Number of Holes	Bolt Diameter	d ₂	
10	14 17.2*)	14.5 17.7	90	14	60	4	M12 (1/2")	14	0.613 0.605
15	20 21.3*)	20.5 21.8	95	14	65	4	M12 (1/2")	14	0.675 0.669
20	25 26.9*)	25.5 27.4	105	16	75	4	M12 (1/2")	14	0.947 0.936
25	30 33.7*)	30.5 34.2	115	16	85	4	M12 (1/2")	14	1.14 1.11
32	38 42.4*)	38.5 42.9	140	16	100	4	M16 (5/8")	18	1.66 1.62
40	44.5 48.3*)	45 48.8	150	16	110	4	M16 (5/8")	18	1.89 1.86
50	57 60.3*)	57.5 60.8	165	18	125	4	M16 (5/8")	18	2.51 2.47
65	76.1*)	76.6	185	18	145	4	M16 (5/8")	18	3.00
80	88.9*)	89.4	200	20	160	4	M16 (5/8")	18	3.79
100	108 114.3*)	108.5 114.8	220	20	180	8	M16 (5/8")	18	4.20 4.03
125	133 139.7*)	133.5 140.2	250	22	210	8	M16 (5/8")	18	5.71 5.46
150	159 168.3*)	159.5 168.8	285	22	240	8	M20 (3/4")	23	6.72 6.57
(175)	191 193.7*)	192 194.7	315	24	270	8	M20 (3/4")	23	8.60 8.45
200	216 219.1*)	217 220.1	340	24	295	8	M20 (3/4")	23	9.50 9.31
250	267 273*)	268 274	395	26	350	12	M20 (3/4")	23	12.5 11.9
300	318 323.9*)	319 324.9	445	26	400	12	M20 (3/4")	23	14.4 13.8
350	355.6*) 368	356.6 369	505	28	460	16	M20 (3/4")	23	20.6 19.0
400	406.4*) 419	407.4 420	565	32	515	16	M24 (7/8")	27	27.9 25.9
500	508*) 521	509 522	670	38	620	20	M24 (7/8")	27	41.1 37.9

*) Outside diameter of pipe corresponds to ISO recommendation R64.

Nominal size in parentheses should preferably be avoided.

1) By finishing the face, plate thickness b₁ is reduced by 1-1.5mm.

Material: St.37-2, DIN 17100

Process: Machining the outside diameter, bore, and bolt holes.

A: Gasket surface unfinished

B: Gasket surface finished

[For shipbuilders]

Machining the outside diameter, bore; and bolt holes; and chamfering the bore edge.

AS: Gasket surface unfinished

BS: Gasket surface finished