

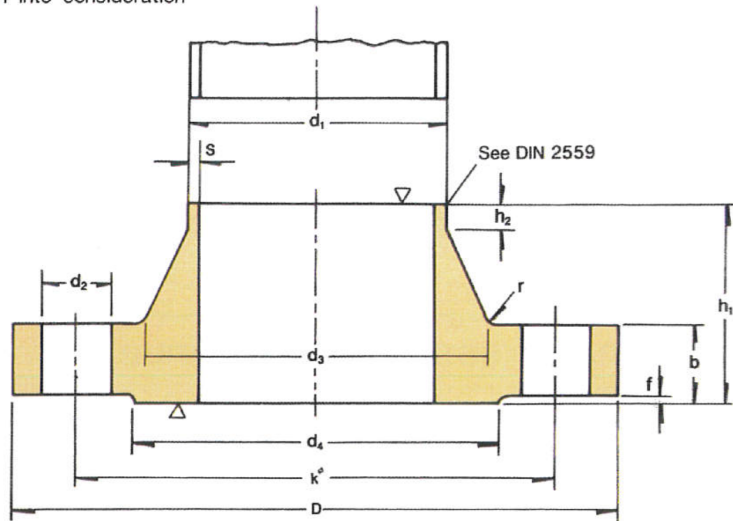


DIN FLANGE DIN 2634

WELDING NECK FLANGE

4). Nominal Pressure 25

The flanges with the dimensions of this standard and made of St. 37-2 can be used at maximum 120 °C temperature with up to 25 kg/cm² of working pressure. At higher temperature- from 120 °C to 300 °C , it should be taken into consideration that the material yield point becomes low.



(Dimensions in mm)

Nominal Pressure 25																
Pipe		Flange				Neck				Raised Face		Drilling				Approx. Weight (7.85 kg/dm³) kg ≈
Nominal Size	d ₁	D	b	k	h ₁	d ₃	s	r	h ₂ ≈	d ₄	f	Number of Holes	Bolt Diameter		d ₂	
(175)	(191 193.7*)	330	28	280	75	215 218	5.6	10	15	248	3	12	M24	(7/8")	27	13.4
200	216 219.1*)	360	30	310	80	240 244	6.3	10	16	278	3	12	M24	(7/8")	27	17.0
250	267 273*)	425	32	370	88	292 298	7.1	12	18	335	3	12	M27	(1")	30	24.4
300	318 323.9*)	485	34	430	92	345 352	8	12	18	395	4	16	M27	(1")	30	31.2
350	368 355.6*)	555	38	490	100	398	8	12	20	450	4	16	M30	(1 1/8")	33	45.0
400	419 406.4*)	620	40	550	110	452	8.8	12	20	505	4	16	M33	(1 1/4")	36	58.7
500	521 508*)	730	44	660	125	558	10	12	20	615	4	20	M33	(1 1/4")	36	86.1
600	622 609.6*)	845	46	770	125	660	11	12	20	720	5	20	M36	(1 3/8")	39	101
700	720 711.2*)	960	46	875	125	760	12.5	12	20	820	5	24	M39	(1 1/2")	42	134
800	820 812.8*)	1085	50	990	135	865	14.2	12	22	930	5	24	M45	(1 3/4")	48	183
900	920 914.4*)	1185	54	1090	145	968	16	12	24	1030	5	28	M45	(1 3/4")	48	232
1000	1020 1016*)	1320	58	1210	155	1070	17.5	16	24	1140	5	28	M52	(2")	56	302

Refer to DIN 2635 for nominal size 10-150.

Size in parentheses should preferably be avoided.

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

Material (to be specified by orderer):

St.37-2 by DIN 17100 for temperature ≤ 300 °C .

Weldable heat-treated steel for temperature > 300 °C .

Process : Machining the outside diameter, bore, gasket surface, bevel end for welding, and bolt holes.