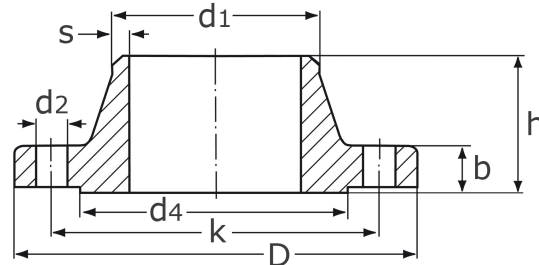


Welding neck flange PN 40
DIN 2635/C - EN 1092-1/B1

[short name: FL40*](#)

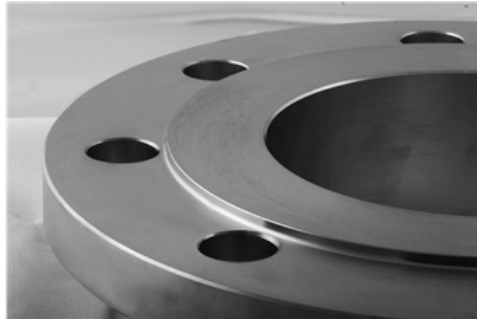


technical product sheet

DN	d1	D	b	k	h	d4	s	d2	Anz	M	kg	Art.-Nr.
10	17,2	90	16	60	35	40	2,0	14	4	M12	0,711	FL-017-040
15	21,3	95	16	65	38	45	2,0	14	4	M12	0,770	FL-021-040
20	26,9	105	18	75	40	58	2,3	14	4	M12	1,060	FL-026-040
25	33,7	115	18	85	40	68	2,6	14	4	M12	1,360	FL-033-040
32	42,4	140	18	100	42	78	2,6	18	4	M16	1,880	FL-042-040
40	48,3	150	18	110	45	88	2,6	18	4	M16	2,330	FL-048-040
50	60,3	165	20	125	48	102	2,9	18	4	M16	2,850	FL-060-040
65	76,1	185	22	145	52	122	2,9	18	8	M16	3,761	FL-076-040
80	88,9	200	24	160	58	138	3,2	18	8	M16	4,780	FL-088-040
100	114,3	235	24	190	65	162	3,6	22	8	M20	6,520	FL-114-040
125	139,7	270	26	220	68	188	4,0	26	8	M24	9,070	FL-139-040
150	168,3	300	28	250	75	218	4,5	26	8	M24	11,800	FL-168-040
200	219,1	375	34	320	88	285	6,3	30	12	M27	21,500	FL-219-040
250	273,0	450	38	385	105	345	7,1	33	12	M30	34,900	FL-273-040
300	323,9	515	42	450	115	410	8,0	33	16	M30	49,700	FL-323-040
350	355,6	580	46	510	125	465	8,8	36	16	M33	66,420	FL-355-040
400	406,4	660	50	585	135	535	11,0	39	16	M36	96,500	FL-406-040
450	457,0	685	57	610	135	560	12,5	39	20	M36	105,000	FL-457-040
500	508,0	755		670	140	615	14,2	42	20	M39	130,000	FL-508-040
600	610,0	890	72	795	150	735	16,0	48	20	M45	0,000	FL-610-040

available material: 1.4404, 1.4541, 1.4571

Flanges > welding neck flanges > DIN / EN > PN 40 > ISO



Welding flange PN 40 according to DIN 2635 and EN 1092-1 Type 11

Seal surface with sealing face

Nominal diameter	Sealing face height[f]*	
DN < 40	2,0 mm	
DN 50 - 250	3,0 mm	
DN > 250	4,0 mm	
see Fig. 3/4		

Machining	Ra (µm)	Rz (µm)
rotated	min. 3,25 / max. 12,5	min. 12,5/ max. 50

Comparison of the designations according to the old DIN standard and the new EN standard:

DIN 2526	EN 1092-1
Shape C	Shape B1

Comparison of dimension DIN 2635 and EN 1092-1

DN 450 and DN 600 were recently added to EN 1092-1

All dimensions identical up to DN 400.

By DN 500 the dimension [b] deviated (DIN=52 mm; EN= 57 mm).

(Please specify if necessary! Otherwise we reserve the right to deliver the less expensive or the available variant.)

