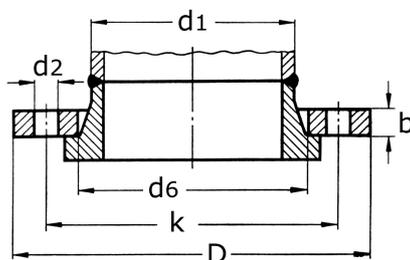


loose plate flange PN 40
for weld-neck collar

[short name: LFVB40*](#)



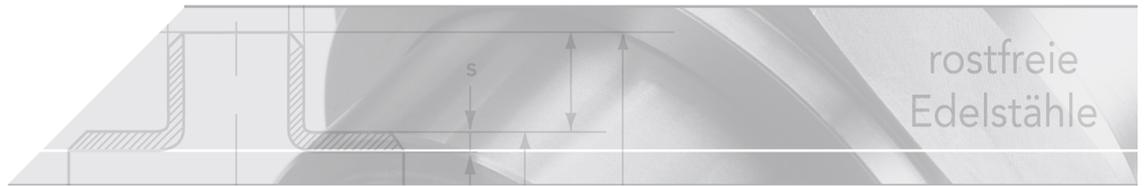
technical product sheet

DN	d1	Typ	D	d6	b	k	d2	M	kg	Art.-Nr.
10	17,2	EN 1092-1	90	31	14	60	14	4 x M12	0,158	LF40-017-4-EN
10	17,2	DIN 2676	90	28	16	60	14	4 x M12	0,000	LF40-017-4
15	21,3	EN 1092-1	95	35	14	65	14	4 x M12	0,595	LF40-021-4-EN
15	21,3	DIN 2676	95	34	16	65	14	4 x M12	0,000	LF40-021-4
20	26,9	EN 1092-1	105	42	16	75	14	4 x M12	0,850	LF40-026-2-EN
20	26,9	EN 1092-1	105	42	16	75	14	4 x M12	0,820	LF40-026-4-EN
20	26,9	DIN 2676	105	40	16	75	14	4 x M12	0,855	LF40-026-4
25	33,7	EN 1092-1	115	49	16	85	14	4 x M12	1,131	LF40-033-2-EN
25	33,7	EN 1092-1	115	49	16	85	14	4 x M12	0,959	LF40-033-4-EN
25	33,7	DIN 2676	115	48	18	85	14	4 x M12	0,000	LF40-033-4
32	42,4	EN 1092-1	140	59	18	100	18	4 x M16	1,652	LF40-042-4-EN
32	42,4	DIN 2676	140	60	18	100	18	4 x M16	0,000	LF40-042-4
40	48,3	EN 1092-1	150	67	18	110	18	4 x M16	1,911	LF40-048-2-EN
40	48,3	EN 1092-1	150	67	18	110	18	4 x M16	1,819	LF40-048-4-EN
40	48,3	DIN 2676	150	66	18	110	18	4 x M16	1,852	LF40-048-2
40	48,3	DIN 2676	150	66	18	110	18	4 x M16	1,852	LF40-048-4
50	60,3	EN 1092-1	165	77	20	125	18	4 x M16	2,470	LF40-060-2-EN
50	60,3	EN 1092-1	165	77	20	125	18	4 x M16	2,520	LF40-060-4-EN
50	60,3	DIN 2676	165	78	18	125	18	4 x M16	2,500	LF40-060-2
50	60,3	DIN 2676	165	78	18	125	18	4 x M16	2,520	LF40-060-4
65	76,1	EN 1092-1	185	96	22	145	18	8 x M16	3,028	LF40-076-4-EN
65	76,1	DIN 2676	185	95	20	145	18	8 x M16	0,000	LF40-076-4
80	88,9	EN 1092-1	200	114	24	160	18	8 x M16	3,610	LF40-088-2-EN
80	88,9	EN 1092-1	200	114	24	160	18	8 x M16	3,490	LF40-088-4-EN
80	88,9	DIN 2676	200	110	22	160	18	8 x M16	3,490	LF40-088-2
80	88,9	DIN 2676	200	110	22	160	18	8 x M16	0,000	LF40-088-4
100	114,3	EN 1092-1	235	138	26	190	22	8 x M20	5,180	LF40-114-2-EN
100	114,3	EN 1092-1	235	138	26	190	22	8 x M20	5,213	LF40-114-4-EN
100	114,3	DIN 2676	235	135	22	190	22	8 x M20	6,000	LF40-114-4
125	139,7	EN 1092-1	270	166	28	220	26	8 x M24	6,800	LF40-139-4-EN
125	139,7	DIN 2676	270	164	24	220	26	8 x M24	0,000	LF40-139-4
150	168,3	EN 1092-1	300	194	30	250	26	8 x M24	0,000	LF40-168-4-EN
150	168,3	DIN 2676	300	194	24	250	26	8 x M24	0,000	LF40-168-4
200	219,1	EN 1092-1	375	250	36	320	30	12x M27	15,328	LF40-219-4-EN
200	219,1	DIN 2676	375	248	30	320	30	12x M27	0,000	LF40-219-4
250	273,0	EN 1092-1	450	312	42	385	33	12x M30	0,000	LF40-273-4-EN

DN	d1	Typ	D	d6	b	k	d2	M	kg	Art.-Nr.
250	273,0	DIN 2676	450	310	36	385	33	12x M30	0,000	LF40-273-4
300	323,9	EN 1092-1	515	368	52	450	33	16x M30	0,000	LF40-323-4-EN
300	323,9	DIN 2676	515	366	40	450	33	16x M30	0,000	LF40-323-4
350	355,6	EN 1092-1	580	418	58	510	36	16x M33	0,000	LF40-355-4-EN
350	355,6	DIN 2676	580	410	46	510	36	16x M33	0,000	LF40-355-4
400	406,4	EN 1092-1	660	472	65	585	39	16x M36	0,000	LF40-406-4-EN
400	406,4	DIN 2676	660	465	50	585	39	16x M36	0,000	LF40-406-4
450	457,2	EN 1092-1	685	510		610	39	20x M36	0,000	LF40-457-4-EN
500	508,0	EN 1092-1	755	572		670	42	20x M39	0,000	LF40-508-4-EN
500	508,0	DIN 2676	755	568	60	670	42	20x M39	0,000	LF40-508-4
600	610,0	EN 1092-1	890	676		795	48	20x M45	0,000	LF40-610-4-EN

available material: ask

Flanges > loose plate flanges > DIN / EN > ...for weld-neck collar > PN 40



Loose plate Flange for Weld-on collars - PN 40

Comparison DIN und EN:

DIN (old)	EN (new)
DIN 2676	EN 1092-1 type 04

Use with weld-on collars according to DIN 2674 or according to EN 1092-1 with welded-on collars of type 34.

In contrast to the DIN standard, EN-1092-1 only specifies the pipe connection dimensions of the ISO series. It is therefore sufficient to stamp the nominal diameter (DN) for marking purposes.

Dimensions range

DIN 2676	EN 1092-1
DN 10 to 500	DN 10 to 600

Comparison of dimensions DIN 2676 und EN 1092-1

The following dimensions are identical:

- Outer diameter, [D]
- Hole of patten, [k]
- Number of drill holes [Num]

Deviations at a glance:

Dimensions [b], Thickness of sheet

DN	DIN	EN
10	16	14
15	16	14
25	18	16
65	20	22
80	22	24
100	22	26
125	24	28
150	24	30
200	30	36
250	36	42
300	40	52
350	46	58
400	50	65
450	(*)	(b)
500	(*)	60
600	(*)	(b)

All dimensions in mm

(*) = DN 450 and DN 600 were recently added to EN 1092-1

(b) = to be specified by the ordering party

Dimensions [E], Bevel

DN	DIN	EN
10	2	3
15	2	3
20	2	4
25	2	4
32	2	5
40	2	5
50	2	5
65	2	6
80	2	6
100	2	6
125	3	6
150	3	6
200	3	6
250	3	8
300	3	8
350	4	8
400	4	8
500	4	8
600	4	8

All Dimensions in mm

Dimensions [d6], Inner diameter

DN	DIN	EN
10	28	31
15	34	35
20	40	42
25	48	49
32	60	59
40	66	67
50	78	77
65	95	96
80	110	114
100	135	138
125	164	166
200	248	250
250	310	312
300	366	368
350	410	418
400	465	472
500	568	572

All dimensions in mm

Flange connection according to DIN 601

(fits to a pair of flanges)

Consisting of hexagon head screws (number of corresponding flange drill holes) 4-6 Mu DIN 601 and a gasket EN 1514 DIN 2690 (for example Klingersil C-4400).

DN	Number	Size
10	4	M 12 x 45
15	4	M 12 x 45
20	4	M 12 x 50
25	4	M 12 x 50
32	4	M 16 x 50
40	4	M 16 x 50
50	4	M 16 x 55
65	8	M 16 x 60
80	8	M 16 x 60
100	8	M 20 x 65
125	8	M 24 x 75
150	8	M 24 x 75
200	12	M 27 x 90
250	12	M 30 x 100
300	16	M 30 x 110
350	16	M 33 x 120
400	16	M 36 x 130
450	20	M 36 x 140
500	20	M 39 x 150
600	20	M 45 x 190