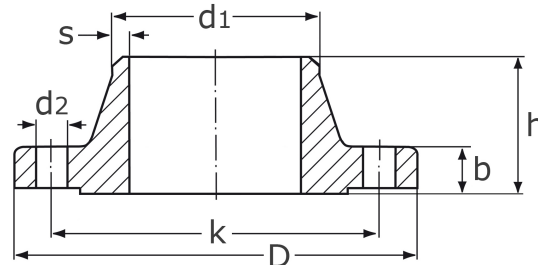


welding neck flange PN 6  
with groove DIN 2631/ 2512

short name: [FL.N6\\*](#)

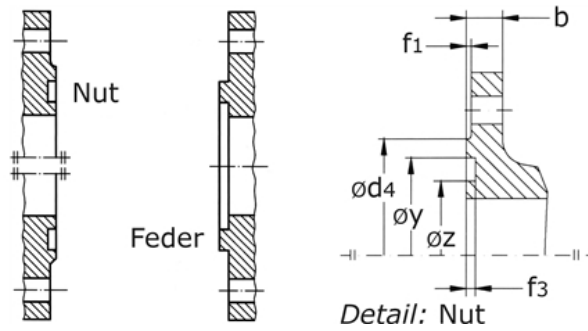


### technical product sheet

DN	d1	D	b	k	h	s	d4	d2	M	kg	Art.-Nr.
10	17,2	75,0	12	50	28	1,8	35	11	4 x M10	0,335	FL-017-N06
15	21,3	80,0	12	55	30	2,0	40	11	4 x M10	0,392	FL-021-N06
20	26,9	90,0	14	65	32	2,3	50	11	4 x M10	0,592	FL-026-N06
25	33,7	100,0	14	75	35	2,6	60	11	4 x M10	0,747	FL-033-N06
32	42,4	120,0	14	90	35	2,6	70	14	4 x M12	1,050	FL-042-N06
40	48,3	130,0	14	100	38	2,6	80	14	4 x M12	1,180	FL-048-N06
50	60,3	140,0	14	110	38	2,9	90	14	4 x M12	1,340	FL-060-N06
65	76,1	160,0	14	130	38	2,9	110	14	4 x M12	1,670	FL-076-N06
80	88,9	190,0	16	150	42	3,2	128	18	4 x M16	2,710	FL-088-N06
100	114,3	210,0	16	170	45	3,6	148	18	4 x M16	3,240	FL-114-N06
125	139,7	240,0	18	200	48	4,0	178	18	8 x M16	4,490	FL-139-N06
150	168,3	265,0	18	225	48	4,5	202	18	8 x M16	5,150	FL-168-N06
200	219,1	320,0	20	280	55	6,3	258	18	8 x M16	7,780	FL-219-N06
300	323,9	440,0	22	395	62	7,1	365	22	12x M20	14,000	FL-323-N06

available material: ask

Flanges > welding neck flanges > more sealing surfaces > groove and tongue > DIN 2512 > PN 6 > with groove



### Welding neck flange PN 6 according to DIN 2631

#### Seal surface with groove

according to DIN 2512

Table of dimensions

DN	$\varnothing z$	$\varnothing y$	f1	f3	d4
10	19	31	2,0	2,5	35
15	28	40	2,0	2,5	40
20	35	51	2,0	2,5	50
25	42	58	2,0	2,5	60
32	50	66	2,0	2,5	70
40	60	76	3,0	2,5	80
50	72	88	3,0	2,5	90
65	94	110	3,0	2,5	110
80	105	121	3,0	2,5	128
100	128	150	3,0	3,0	148
125	154	176	3,0	3,0	178
150	182	204	3,0	3,0	202
200	238	260	3,0	3,0	258
250	291	313	3,0	3,0	312
300	342	364	4,0	3,0	365
350	394	422	4,0	3,5	415
400	446	474	4,0	3,5	465
500	548	576	4,0	3,5	
600	648	676	5,0	3,5	
700	750	778	5,0	3,5	
800	855	883	5,0	3,5	
900	960	988	5,0	3,5	
1000	1060	1094	5,0	4,5	

All dimensions in mm

## Comparison of dimension DIN 2512 and EN 1092-1

The overall dimensions of the tongues and grooves according to DIN EN 1092-1 are designed lower or higher than according to DIN 2512 (Form N or Form F), issued 1975.

## Seals

Gaskets according to DIN 2691 are used as static seals for flanges with a tongue and groove, for example in high pressure quality graphite, elastomers and plastics.

