

<b>Outside diameter</b>	<b>Tolerances</b>	<b>Inside diameter</b>	<b>Tolerances</b>	<b>Wall thickness</b>
mm	mm	mm	mm	mm
4	+/-0.08	2.0	+/-0.15	1.00
5	+/-0.08	3.0	+/-0.15	1.00
6	+/-0.08	4.0	+/-0.12	1.00
6	+/-0.08	3.0	+/-0.15	1.50
6	+/-0.08	2.0	+/-0.15	2.00
8	+/-0.08	6.0	+/-0.10	1.00
8	+/-0.08	5.0	+/-0.10	1.50
8	+/-0.08	4.0	+/-0.15	2.00
8	+/-0.08	3.0	+/-0.15	2.50
10	+/-0.08	8.0	+/-0.08	1.00
10	+/-0.08	7.0	+/-0.10	1.50
10	+/-0.08	6.0	+/-0.15	2.00
10	+/-0.08	5.0	+/-0.15	2.50
12	+/-0.08	10.0	+/-0.08	1.00
12	+/-0.08	9.0	+/-0.10	1.50
12	+/-0.08	8.0	+/-0.12	2.00
12	+/-0.08	7.0	+/-0.15	2.50
14	+/-0.08	12.0	+/-0.08	1.00
14	+/-0.08	11.0	+/-0.08	1.50
14	+/-0.08	10.0	+/-0.10	2.00
14	+/-0.08	9.0	+/-0.12	2.50
15	+/-0.08	13.0	+/-0.08	1.00
15	+/-0.08	12.0	+/-0.08	1.50
15	+/-0.08	11.0	+/-0.10	2.00
15	+/-0.08	10.0	+/-0.12	2.50
15	+/-0.08	9.0	+/-0.15	3.00

Standard dimensions according to DIN 2445-2.

Outside diameter	Tolerances	Inside diameter	Tolerances	Wall thickness
mm	mm	mm	mm	mm
16	+/-0.08	14.0	+/-0.08	1.00
16	+/-0.08	13.0	+/-0.08	1.50
16	+/-0.08	12.0	+/-0.15	2.00
16	+/-0.08	11.0	+/-0.15	2.50
16	+/-0.08	10.0	+/-0.15	3.00
16	+/-0.08	9.0	+/-0.15	3.50
18	+/-0.08	16.0	+/-0.08	1.00
18	+/-0.08	15.0	+/-0.08	1.50
18	+/-0.08	14.0	+/-0.08	2.00
18	+/-0.08	13.0	+/-0.15	2.50
18	+/-0.08	12.0	+/-0.15	3.00
20	+/-0.08	17.0	+/-0.08	1.50
20	+/-0.08	16.0	+/-0.08	2.00
20	+/-0.08	15.0	+/-0.15	2.50
20	+/-0.08	14.0	+/-0.15	3.00
20	+/-0.08	13.0	+/-0.15	3.50
20	+/-0.08	12.0	+/-0.15	4.00
20	+/-0.08	11.0	+/-0.15	4.50
22	+/-0.08	20.0	+/-0.08	1.00
22	+/-0.08	19.0	+/-0.08	1.50
22	+/-0.08	18.0	+/-0.08	2.00
22	+/-0.08	17.0	+/-0.08	2.50
22	+/-0.08	16.0	+/-0.15	3.00
22	+/-0.08	15.0	+/-0.15	3.50
22	+/-0.08	14.0	+/-0.15	4.00
25	+/-0.08	22.0	+/-0.08	1.50
25	+/-0.08	21.0	+/-0.08	2.00
25	+/-0.08	20.0	+/-0.08	2.50
25	+/-0.08	19.0	+/-0.15	3.00
25	+/-0.08	18.0	+/-0.15	3.50
25	+/-0.08	17.0	+/-0.15	4.00
25	+/-0.08	16.0	+/-0.15	4.50

Standard dimensions according to DIN 2445-2.

<b>Outside diameter</b>	<b>Tolerances</b>	<b>Inside diameter</b>	<b>Tolerances</b>	<b>Wall thickness</b>
mm	mm	mm	mm	mm
25	+/-0.08	14.0	+/-0.15	5.50
25	+/-0.08	13.0	+/-0.15	6.00
28	+/-0.08	25.0	+/-0.08	1.50
28	+/-0.08	24.0	+/-0.08	2.00
28	+/-0.08	23.0	+/-0.08	2.50
28	+/-0.08	22.0	+/-0.15	3.00
28	+/-0.08	21.0	+/-0.15	3.50
28	+/-0.08	20.0	+/-0.15	4.00
28	+/-0.08	18.0	+/-0.15	5.00
30	+/-0.08	26.0	+/-0.08	2.00
30	+/-0.08	25.0	+/-0.08	2.50
30	+/-0.08	24.0	+/-0.15	3.00
30	+/-0.08	22.0	+/-0.15	4.00
30	+/-0.08	20.0	+/-0.15	5.00
30	+/-0.08	18.0	+/-0.15	6.00
35	+/-0.08	31.0	+/-0.15	2.00
35	+/-0.08	30.0	+/-0.15	2.50
35	+/-0.08	29.0	+/-0.15	3.00
35	+/-0.08	28.0	+/-0.15	3.50
35	+/-0.08	27.0	+/-0.15	4.00
35	+/-0.08	25.0	+/-0.15	5.00
35	+/-0.08	23.0	+/-0.15	6.00
38	+/-0.08	33.0	+/-0.15	2.50
38	+/-0.08	32.0	+/-0.15	3.00
38	+/-0.08	30.0	+/-0.15	4.00
38	+/-0.08	28.0	+/-0.15	5.00
38	+/-0.08	27.0	+/-0.15	5.50
38	+/-0.08	26.0	+/-0.15	6.00
38	+/-0.08	24.0	+/-0.15	7.00
38	+/-0.08	22.0	+/-0.15	8.00
38	+/-0.08	18.0	+/-0.15	10.00

Standard dimensions according to DIN 2445-2.

Outside diameter	Tolerances	Inside diameter	Tolerances	Wall thickness
mm	mm	mm	mm	mm
42	+/-0.20	38.0	+/-0.20	2.00
42	+/-0.20	36.0	+/-0.20	3.00
42	+/-0.20	34.0	+/-0.20	4.00
42	+/-0.20	32.0	+/-0.20	5.00
42	+/-0.20	30.0	+/-0.20	6.00
42	+/-0.20	26.0	+/-0.20	8.00
50	+/-0.20	42.0	+/-0.20	4.00
50	+/-0.20	40.0	+/-0.20	5.00
50	+/-0.20	38.0	+/-0.20	6.00
50	+/-0.20	36.0	+/-0.20	7.00
50	+/-0.20	34.0	+/-0.20	8.00
50	+/-0.20	32.0	+/-0.20	9.00
50	+/-0.20	30.0	+/-0.20	10.00
50	+/-0.20	28.0	+/-0.20	11.00
50	+/-0.20	24.0	+/-0.20	13.00
55	+/-0.25	47.0	+/-0.25	4.00
55	+/-0.25	43.0	+/-0.25	6.00
55	+/-0.25	39.0	+/-0.25	8.00
55	+/-0.25	35.0	+/-0.25	10.00
60	+/-0.25	50.0	+/-0.25	5.00
60	+/-0.25	44.0	+/-0.25	8.00
60	+/-0.25	40.0	+/-0.25	10.00
60	+/-0.25	35.0	+/-0.25	12.50
70	+/-0.30	60.0	+/-0.30	5.00
70	+/-0.30	54.0	+/-0.30	8.00
70	+/-0.30	50.0	+/-0.30	10.00
70	+/-0.30	45.0	+/-0.30	12.50
80	+/-0.35	68.0	+/-0.35	6.00
80	+/-0.35	64.0	+/-0.35	8.00
80	+/-0.35	60.0	+/-0.35	10.00
80	+/-0.35	55.0	+/-0.35	12.50

Standard dimensions according to DIN 2445-2.