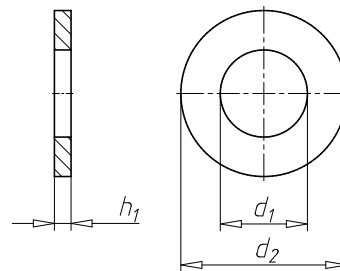


Shim ring

DIN 988 bare steel

Standards	DIN 988
Material	Steel
Surface	Plain
RoHS-compliant	Yes



Internal diameter (d ₁)	Outer diameter (d ₂)	Thickness (h ₁)	Art. no.	P. Qty.
2 mm	3.5 mm	0.1 mm	0425 020 301	5000
3 mm	6 mm	0.1 mm	0425 030 601	5000
3 mm	6 mm	0.12 mm	0425 030 699	5000
3 mm	6 mm	0.2 mm	0425 030 602	5000
3 mm	6 mm	0.3 mm	0425 030 603	5000
3 mm	6 mm	0.5 mm	0425 030 605	2000
3 mm	6 mm	1 mm	0425 030 610	2000
3 mm	6 mm	1.2 mm	0425 030 612	500
4 mm	6 mm	0.12 mm	0425 040 601	1000
4 mm	6 mm	0.15 mm	0425 040 699	1000
4 mm	8 mm	0.1 mm	0425 040 801	5000
4 mm	8 mm	0.15 mm	0425 040 899	5000
4 mm	8 mm	0.2 mm	0425 040 802	5000
4 mm	8 mm	0.3 mm	0425 040 803	5000
4 mm	8 mm	0.5 mm	0425 040 805	2500
4 mm	8 mm	1 mm	0425 040 810	500/2500
4 mm	8 mm	1.2 mm	0425 040 812	500
5 mm	8 mm	0.2 mm	0425 050 802	100
5 mm	8 mm	0.3 mm	0425 050 803	1000
5 mm	8 mm	0.5 mm	0425 050 805	100
5 mm	8 mm	1 mm	0425 050 810	100
5 mm	10 mm	0.1 mm	0425 051 001	5000
5 mm	10 mm	0.15 mm	0425 051 099	2500
5 mm	10 mm	0.2 mm	0425 051 002	500/5000
5 mm	10 mm	0.3 mm	0425 051 003	200/5000

Internal diameter (d ₁)	Outer diameter (d ₂)	Thickness (h ₁)	Art. no.	P. Qty.
5 mm	10 mm	0.5 mm	0425 051 005	200/5000
5 mm	10 mm	1 mm	0425 051 010	200/5000
5 mm	10 mm	1.2 mm	0425 051 012	500
5 mm	10 mm	1.5 mm	0425 051 015	2500
5 mm	12 mm	1 mm	0425 051 210	5000
6 mm	8 mm	0.15 mm	0425 060 899	1000
6 mm	12 mm	0.1 mm	0425 061 201	50/5000
6 mm	12 mm	0.15 mm	0425 061 299	5000
6 mm	12 mm	0.2 mm	0425 061 202	50/2500
6 mm	12 mm	0.25 mm	0425 061 225	1000
6 mm	12 mm	0.3 mm	0425 061 203	2000
6 mm	12 mm	0.5 mm	0425 061 205	50/2500
6 mm	12 mm	1 mm	0425 061 210	50/5000
6 mm	12 mm	1.2 mm	0425 061 212	2000
7 mm	13 mm	0.1 mm	0425 071 301	5000
7 mm	13 mm	0.15 mm	0425 071 399	5000
7 mm	13 mm	0.2 mm	0425 071 302	5000
7 mm	13 mm	0.25 mm	0425 071 325	2000
7 mm	13 mm	0.3 mm	0425 071 303	5000
7 mm	13 mm	0.5 mm	0425 071 305	2000
7 mm	13 mm	1 mm	0425 071 310	1000
7 mm	13 mm	1.2 mm	0425 071 312	500
8 mm	14 mm	0.1 mm	0425 081 401	50/5000
8 mm	14 mm	0.15 mm	0425 081 498	5000
8 mm	14 mm	0.2 mm	0425 081 402	50/2000
8 mm	14 mm	0.25 mm	0425 081 499	2000
8 mm	14 mm	0.3 mm	0425 081 403	200/5000
8 mm	14 mm	0.5 mm	0425 081 405	50/2000
8 mm	14 mm	1 mm	0425 081 410	50/1000
8 mm	14 mm	1.2 mm	0425 081 412	1000
8 mm	14 mm	1.3 mm	0425 081 413	1
8 mm	14 mm	1.4 mm	0425 081 414	100
8 mm	14 mm	1.6 mm	0425 081 416	1000
8 mm	14 mm	2 mm	0425 081 420	1000
9 mm	15 mm	0.1 mm	0425 091 501	5000
9 mm	15 mm	0.15 mm	0425 091 599	1000
9 mm	15 mm	0.2 mm	0425 091 502	5000
9 mm	15 mm	0.25 mm	0425 091 598	2000
9 mm	15 mm	0.5 mm	0425 091 505	2000
9 mm	15 mm	1 mm	0425 091 510	1000
9 mm	15 mm	1.2 mm	0425 091 512	1000
9 mm	15 mm	1.5 mm	0425 091 515	100
10 mm	16 mm	0.1 mm	0425 101 601	50/5000
10 mm	16 mm	0.2 mm	0425 101 602	50/5000
10 mm	16 mm	0.25 mm	0425 101 698	2000
10 mm	16 mm	0.3 mm	0425 101 603	100/5000
10 mm	16 mm	0.5 mm	0425 101 605	50/2000
10 mm	16 mm	1 mm	0425 101 610	50/2000
10 mm	16 mm	1.3 mm	0425 101 613	1000
10 mm	16 mm	1.4 mm	0425 101 614	500
10 mm	16 mm	1.5 mm	0425 101 615	1000
10 mm	16 mm	1.8 mm	0425 101 618	200
10 mm	16 mm	2 mm	0425 101 620	500
10 mm	20 mm	0.2 mm	0425 102 002	1000

Internal diameter (d ₁)	Outer diameter (d ₂)	Thickness (h ₁)	Art. no.	P. Qty.
11 mm	17 mm	0.1 mm	0425 111 701	1000
11 mm	17 mm	0.15 mm	0425 111 799	5000
11 mm	17 mm	0.2 mm	0425 111 702	2000
11 mm	17 mm	0.25 mm	0425 111 798	2000
11 mm	17 mm	0.3 mm	0425 111 703	2000
11 mm	17 mm	0.5 mm	0425 111 705	2000
11 mm	17 mm	1 mm	0425 111 710	1000
11 mm	17 mm	1.5 mm	0425 111 715	1000
12 mm	18 mm	0.1 mm	0425 121 801	50/2000
12 mm	18 mm	0.15 mm	0425 121 899	5000
12 mm	18 mm	0.2 mm	0425 121 802	50/2000
12 mm	18 mm	0.25 mm	0425 121 898	2000
12 mm	18 mm	0.3 mm	0425 121 803	2000
12 mm	18 mm	0.5 mm	0425 121 805	50
12 mm	18 mm	1 mm	0425 121 810	50/1000
12 mm	18 mm	1.2 mm	0425 121 812	500
12 mm	18 mm	1.3 mm	0425 121 813	500
12 mm	18 mm	1.4 mm	0425 121 814	1000
12 mm	18 mm	1.5 mm	0425 121 815	1000
12 mm	18 mm	1.6 mm	0425 121 816	500
12 mm	18 mm	1.8 mm	0425 121 818	100
12 mm	18 mm	2 mm	0425 121 820	1000
12 mm	20 mm	0.15 mm	4832 502 940	100
12 mm	20 mm	0.4 mm	0425 122 004	100
13 mm	19 mm	0.1 mm	0425 131 901	1000
13 mm	19 mm	0.15 mm	0425 131 999	5000
13 mm	19 mm	0.2 mm	0425 131 902	2000
13 mm	19 mm	0.3 mm	0425 131 903	1000
13 mm	19 mm	0.5 mm	0425 131 905	1000
13 mm	19 mm	1 mm	0425 131 910	1000
13 mm	19 mm	1.2 mm	0425 131 912	1000
13 mm	19 mm	1.5 mm	0425 131 915	1000
13 mm	19 mm	1.8 mm	0425 131 918	500
13 mm	19 mm	2 mm	0425 131 920	500
14 mm	20 mm	0.1 mm	0425 142 001	50/2000
14 mm	20 mm	0.15 mm	0425 142 099	2000
14 mm	20 mm	0.2 mm	0425 142 002	50/2000
14 mm	20 mm	0.25 mm	0425 142 098	2000
14 mm	20 mm	0.3 mm	0425 142 003	2000
14 mm	20 mm	0.5 mm	0425 142 005	50/2000
14 mm	20 mm	1 mm	0425 142 010	50/1000
14 mm	20 mm	1.2 mm	0425 142 012	1000
14 mm	20 mm	1.3 mm	0425 142 013	1000
14 mm	20 mm	1.6 mm	0425 142 016	500
14 mm	20 mm	2 mm	0425 142 020	500
14 mm	26 mm	1 mm	0425 142 610	500
15 mm	21 mm	0.1 mm	0425 152 101	100/2000
15 mm	21 mm	0.15 mm	0425 152 199	2000
15 mm	21 mm	0.2 mm	0425 152 102	200/2000
15 mm	21 mm	0.25 mm	0425 152 198	2000
15 mm	21 mm	0.3 mm	0425 152 103	200/2000
15 mm	21 mm	0.5 mm	0425 152 105	100/2500
15 mm	21 mm	1 mm	0425 152 110	100/1000
15 mm	21 mm	1.2 mm	0425 152 112	1000

Internal diameter (d ₁)	Outer diameter (d ₂)	Thickness (h ₁)	Art. no.	P. Qty.
15 mm	21 mm	1.4 mm	0425 152 114	300
15 mm	21 mm	1.5 mm	0425 152 115	500
15 mm	21 mm	2 mm	0425 152 120	500
15 mm	22 mm	0.1 mm	0425 152 201	2000
15 mm	22 mm	0.15 mm	0425 152 299	2000
15 mm	22 mm	0.2 mm	0425 152 202	2500
15 mm	22 mm	0.25 mm	0425 152 298	2000
15 mm	22 mm	0.5 mm	0425 152 205	100/2500
15 mm	22 mm	1 mm	0425 152 210	1000
15 mm	22 mm	1.5 mm	0425 152 215	500
15 mm	22 mm	2 mm	0425 152 220	1000
16 mm	22 mm	0.1 mm	0425 162 201	50/2000
16 mm	22 mm	0.15 mm	0425 162 299	2000
16 mm	22 mm	0.2 mm	0425 162 202	50/2000
16 mm	22 mm	0.25 mm	0425 162 298	2000
16 mm	22 mm	0.3 mm	0425 162 203	2000
16 mm	22 mm	0.5 mm	0425 162 205	50/1000
16 mm	22 mm	1 mm	0425 162 210	50/1000
16 mm	22 mm	1.2 mm	0425 162 212	1000
16 mm	22 mm	1.5 mm	0425 162 215	1000
16 mm	24 mm	0.1 mm	0425 162 401	1000
16 mm	24 mm	0.2 mm	0425 162 402	1000
16 mm	24 mm	1 mm	0425 162 410	1000
16 mm	24 mm	1.5 mm	0425 162 415	1000
16 mm	28 mm	0.5 mm	0425 162 805	2000
17 mm	24 mm	0.1 mm	0425 172 401	2000
17 mm	24 mm	0.15 mm	0425 172 499	1000
17 mm	24 mm	0.2 mm	0425 172 402	100/5000
17 mm	24 mm	0.25 mm	0425 172 498	2000
17 mm	24 mm	0.3 mm	0425 172 403	1000
17 mm	24 mm	0.5 mm	0425 172 405	100/1000
17 mm	24 mm	1 mm	0425 172 410	100/1000
17 mm	24 mm	1.2 mm	0425 172 412	500
17 mm	24 mm	1.5 mm	0425 172 415	500
17 mm	24 mm	1.6 mm	0425 172 416	500
17 mm	24 mm	2 mm	0425 172 420	1000
18 mm	25 mm	0.1 mm	0425 182 501	50/2000
18 mm	25 mm	0.15 mm	0425 182 599	2000
18 mm	25 mm	0.2 mm	0425 182 502	50/2000
18 mm	25 mm	0.25 mm	0425 182 598	2000
18 mm	25 mm	0.3 mm	0425 182 503	2000
18 mm	25 mm	0.5 mm	0425 182 505	50/2500
18 mm	25 mm	1 mm	0425 182 510	50/1000
18 mm	25 mm	1.2 mm	0425 182 512	1000
18 mm	25 mm	1.4 mm	0425 182 514	1000
18 mm	25 mm	1.5 mm	0425 182 515	500
18 mm	25 mm	2 mm	0425 182 520	500
18 mm	50 mm	0.1 mm	0425 185 001	100
19 mm	26 mm	0.1 mm	0425 192 601	2000
19 mm	26 mm	0.15 mm	0425 192 699	2000
19 mm	26 mm	0.2 mm	0425 192 602	2000
19 mm	26 mm	0.25 mm	0425 192 698	2000
19 mm	26 mm	0.3 mm	0425 192 603	1000
19 mm	26 mm	0.5 mm	0425 192 605	1000

Internal diameter (d ₁)	Outer diameter (d ₂)	Thickness (h ₁)	Art. no.	P. Qty.
19 mm	26 mm	1 mm	0425 192 610	2000
19 mm	26 mm	1.5 mm	0425 192 615	100
19 mm	26 mm	2 mm	0425 192 620	1000
20 mm	28 mm	0.1 mm	0425 202 801	50/2000
20 mm	28 mm	0.15 mm	0425 202 899	2000
20 mm	28 mm	0.2 mm	0425 202 802	50/5000
20 mm	28 mm	0.25 mm	0425 202 898	1000
20 mm	28 mm	0.3 mm	0425 202 803	1000
20 mm	28 mm	0.5 mm	0425 202 805	50/3000
20 mm	28 mm	1 mm	0425 202 810	50/500
20 mm	28 mm	1.4 mm	0425 202 814	1
20 mm	28 mm	1.5 mm	0425 202 815	500
20 mm	28 mm	2 mm	0425 202 820	500
20 mm	32 mm	1 mm	0425 203 210	100
20 mm	45 mm	0.5 mm	0425 204 505	100
22 mm	30 mm	0.1 mm	0425 223 001	2000
22 mm	30 mm	0.15 mm	0425 223 099	2000 /2500
22 mm	30 mm	0.2 mm	0425 223 002	2000
22 mm	30 mm	0.25 mm	0425 223 098	1000
22 mm	30 mm	0.3 mm	0425 223 003	1000
22 mm	30 mm	0.5 mm	0425 223 005	2000
22 mm	30 mm	1 mm	0425 223 010	500
22 mm	30 mm	1.2 mm	0425 223 012	500
22 mm	30 mm	1.5 mm	0425 223 015	500
22 mm	30 mm	2 mm	0425 223 020	200
22 mm	32 mm	0.1 mm	0425 223 201	2000
22 mm	32 mm	0.15 mm	0425 223 299	2000
22 mm	32 mm	0.2 mm	0425 223 202	2500
22 mm	32 mm	0.25 mm	0425 223 298	1000
22 mm	32 mm	0.3 mm	0425 223 203	1000
22 mm	32 mm	0.5 mm	0425 223 205	2000
22 mm	32 mm	1 mm	0425 223 210	100/500
22 mm	32 mm	1.5 mm	0425 223 215	500
22 mm	32 mm	2 mm	0425 223 220	200
22 mm	35 mm	0.05 mm	0425 223 597	1000
22 mm	35 mm	0.2 mm	0425 223 502	1000
24 mm	34 mm	1 mm	0425 243 410	50
25 mm	35 mm	0.1 mm	0425 253 501	50/2000
25 mm	35 mm	0.15 mm	0425 253 599	500
25 mm	35 mm	0.2 mm	0425 253 502	50/500
25 mm	35 mm	0.25 mm	0425 253 598	1000
25 mm	35 mm	0.3 mm	0425 253 503	1000
25 mm	35 mm	0.5 mm	0425 253 505	50/1000
25 mm	35 mm	1 mm	0425 253 510	50/500
25 mm	35 mm	1.1 mm	0425 253 511	500
25 mm	35 mm	1.2 mm	0425 253 512	500
25 mm	35 mm	1.4 mm	0425 253 514	200
25 mm	35 mm	1.5 mm	0425 253 515	500
25 mm	35 mm	1.8 mm	0425 253 518	100
25 mm	35 mm	2 mm	0425 253 520	100/250
25 mm	36 mm	0.1 mm	0425 253 601	1000
25 mm	36 mm	0.15 mm	0425 253 699	500
25 mm	36 mm	0.2 mm	0425 253 602	2000
25 mm	36 mm	0.25 mm	0425 253 698	1000

Internal diameter (d ₁)	Outer diameter (d ₂)	Thickness (h ₁)	Art. no.	P. Qty.
25 mm	36 mm	0.3 mm	0425 253 603	1000
25 mm	36 mm	0.5 mm	0425 253 605	1000
25 mm	36 mm	1 mm	0425 253 610	500
25 mm	36 mm	1.1 mm	0425 253 611	1
25 mm	36 mm	1.2 mm	0425 253 612	500
25 mm	36 mm	1.3 mm	0425 253 613	1
25 mm	36 mm	1.4 mm	0425 253 614	1
25 mm	36 mm	1.5 mm	0425 253 615	500
25 mm	36 mm	1.6 mm	0425 253 616	1
25 mm	36 mm	1.7 mm	0425 253 617	1
25 mm	36 mm	1.9 mm	0425 253 619	1
25 mm	36 mm	2 mm	0425 253 620	200
26 mm	37 mm	0.1 mm	0425 263 701	2000
26 mm	37 mm	0.15 mm	0425 263 799	1000
26 mm	37 mm	0.2 mm	0425 263 702	1000
26 mm	37 mm	0.25 mm	0425 263 798	1000
26 mm	37 mm	0.3 mm	0425 263 703	1000
26 mm	37 mm	0.5 mm	0425 263 705	500
26 mm	37 mm	1 mm	0425 263 710	1250
26 mm	37 mm	1.2 mm	0425 263 712	500
26 mm	37 mm	1.5 mm	0425 263 715	500
28 mm	40 mm	0.1 mm	0425 284 001	50
28 mm	40 mm	0.15 mm	0425 284 099	1000
28 mm	40 mm	0.2 mm	0425 284 002	50
28 mm	40 mm	0.25 mm	0425 284 098	1000
28 mm	40 mm	0.3 mm	0425 284 003	500
28 mm	40 mm	0.5 mm	0425 284 005	50/500
28 mm	40 mm	1 mm	0425 284 010	50/500
28 mm	40 mm	1.2 mm	0425 284 012	250
28 mm	40 mm	1.5 mm	0425 284 015	250
30 mm	42 mm	0.1 mm	0425 304 201	50/2000
30 mm	42 mm	0.15 mm	0425 304 299	1000
30 mm	42 mm	0.2 mm	0425 304 202	50/2500
30 mm	42 mm	0.25 mm	0425 304 298	1000
30 mm	42 mm	0.3 mm	0425 304 203	1000
30 mm	42 mm	0.5 mm	0425 304 205	50/1000
30 mm	42 mm	1 mm	0425 304 210	50/400
30 mm	42 mm	1.1 mm	0425 304 211	1
30 mm	42 mm	1.2 mm	0425 304 212	500
30 mm	42 mm	1.3 mm	0425 304 213	1
30 mm	42 mm	1.4 mm	0425 304 214	1
30 mm	42 mm	1.5 mm	0425 304 215	500
30 mm	42 mm	1.6 mm	0425 304 216	1
30 mm	42 mm	1.7 mm	0425 304 217	1
30 mm	42 mm	2 mm	0425 304 220	100/500
32 mm	45 mm	0.15 mm	0425 324 599	1000
32 mm	45 mm	0.2 mm	0425 324 502	50/1000
32 mm	45 mm	0.25 mm	0425 324 598	1000
32 mm	45 mm	0.3 mm	0425 324 503	1000
32 mm	45 mm	0.5 mm	0425 324 505	50/500
32 mm	45 mm	1 mm	0425 324 510	50/500
32 mm	45 mm	1.2 mm	0425 324 512	250
32 mm	45 mm	1.5 mm	0425 324 515	250
32 mm	45 mm	2 mm	0425 324 520	200

Internal diameter (d ₁)	Outer diameter (d ₂)	Thickness (h ₁)	Art. no.	P. Qty.
32 mm	52 mm	1 mm	0425 325 210	100
35 mm	42 mm	0.5 mm	0425 354 205	500
35 mm	45 mm	0.1 mm	0425 354 501	50/1000
35 mm	45 mm	0.15 mm	0425 354 599	1000
35 mm	45 mm	0.2 mm	0425 354 502	50/1000
35 mm	45 mm	0.25 mm	0425 354 598	1000
35 mm	45 mm	0.3 mm	0425 354 503	1000
35 mm	45 mm	0.5 mm	0425 354 505	50/1000
35 mm	45 mm	1 mm	0425 354 510	50/250
35 mm	45 mm	1.2 mm	0425 354 512	100
35 mm	45 mm	1.4 mm	0425 354 514	50
35 mm	45 mm	1.5 mm	0425 354 515	250
35 mm	45 mm	2 mm	0425 354 520	200
35 mm	45 mm	2.5 mm	0425 354 525	50/100
35 mm	51 mm	0.1 mm	0425 355 101	100
35 mm	75 mm	2 mm	0425 357 520	50
36 mm	45 mm	0.1 mm	0425 364 501	1000
36 mm	45 mm	0.15 mm	0425 364 599	1000
36 mm	45 mm	0.2 mm	0425 364 502	1000
36 mm	45 mm	0.25 mm	0425 364 598	1000
36 mm	45 mm	0.3 mm	0425 364 503	1000
36 mm	45 mm	0.5 mm	0425 364 505	500
36 mm	45 mm	1 mm	0425 364 510	500
36 mm	45 mm	1.2 mm	0425 364 512	250
36 mm	45 mm	1.5 mm	0425 364 515	250
36 mm	45 mm	2 mm	0425 364 520	200
36 mm	56 mm	1 mm	0425 365 610	50
37 mm	47 mm	0.1 mm	0425 374 701	1000
37 mm	47 mm	0.15 mm	0425 374 799	1000
37 mm	47 mm	0.2 mm	0425 374 702	1000
37 mm	47 mm	0.25 mm	0425 374 798	1000
37 mm	47 mm	0.3 mm	0425 374 703	1000
37 mm	47 mm	0.5 mm	0425 374 705	500
37 mm	47 mm	1 mm	0425 374 710	400
37 mm	47 mm	1.2 mm	0425 374 712	250
37 mm	47 mm	1.5 mm	0425 374 715	250
37 mm	47 mm	2 mm	0425 374 720	200
40 mm	47 mm	0.1 mm	0425 404 701	500
40 mm	47 mm	0.15 mm	0425 404 799	100
40 mm	47 mm	0.2 mm	0425 404 702	100
40 mm	47 mm	0.5 mm	0425 404 705	100
40 mm	50 mm	0.1 mm	0425 405 001	50/1000
40 mm	50 mm	0.15 mm	0425 405 099	500
40 mm	50 mm	0.2 mm	0425 405 002	50/1000
40 mm	50 mm	0.3 mm	0425 405 003	1000
40 mm	50 mm	0.5 mm	0425 405 005	50/500
40 mm	50 mm	1 mm	0425 405 010	50/250
40 mm	50 mm	1.2 mm	0425 405 012	100
40 mm	50 mm	1.5 mm	0425 405 015	100
40 mm	50 mm	1.6 mm	0425 405 016	100
40 mm	50 mm	1.7 mm	0425 405 017	100
40 mm	50 mm	1.8 mm	0425 405 018	50
40 mm	50 mm	2 mm	0425 405 020	100
40 mm	50 mm	2.5 mm	0425 405 025	100

Internal diameter (d ₁)	Outer diameter (d ₂)	Thickness (h ₁)	Art. no.	P. Qty.
40 mm	60 mm	0.1 mm	0425 406 001	100
40 mm	60 mm	0.2 mm	0425 406 002	250
40 mm	60 mm	0.5 mm	0425 406 005	100
40 mm	60 mm	1 mm	0425 406 010	100
40 mm	60 mm	2 mm	0425 406 020	100
42 mm	52 mm	0.1 mm	0425 425 201	50
42 mm	52 mm	0.15 mm	0425 425 299	500
42 mm	52 mm	0.2 mm	0425 425 202	50/1250
42 mm	52 mm	0.25 mm	0425 425 298	250
42 mm	52 mm	0.3 mm	0425 425 203	250
42 mm	52 mm	0.5 mm	0425 425 205	50/200
42 mm	52 mm	1 mm	0425 425 210	50/250
42 mm	52 mm	1.2 mm	0425 425 212	100
42 mm	52 mm	1.5 mm	0425 425 215	100
42 mm	60 mm	1 mm	0425 426 010	100
45 mm	55 mm	0.1 mm	0425 455 501	50
45 mm	55 mm	0.2 mm	0425 455 502	50/1000
45 mm	55 mm	0.25 mm	0425 455 598	250
45 mm	55 mm	0.5 mm	0425 455 505	50/1000
45 mm	55 mm	1 mm	0425 455 510	50/250
45 mm	55 mm	1.2 mm	0425 455 512	100
45 mm	55 mm	1.5 mm	0425 455 515	100
45 mm	55 mm	2 mm	0425 455 520	200
45 mm	55 mm	3 mm	0425 455 530	50
45 mm	56 mm	0.1 mm	0425 455 601	500
45 mm	56 mm	0.15 mm	0425 455 699	500
45 mm	56 mm	0.2 mm	0425 455 602	500
45 mm	56 mm	0.25 mm	0425 455 698	250
45 mm	56 mm	0.3 mm	0425 455 603	250
45 mm	56 mm	0.5 mm	0425 455 605	100
45 mm	56 mm	1 mm	0425 455 610	200
45 mm	56 mm	1.2 mm	0425 455 612	100
45 mm	56 mm	1.5 mm	0425 455 615	100
45 mm	56 mm	2 mm	0425 455 620	100
45 mm	62 mm	2 mm	0425 456 220	100
45 mm	65 mm	0.1 mm	0425 466 501	25
45 mm	65 mm	0.2 mm	0425 466 502	25
45 mm	65 mm	0.5 mm	0425 456 505	250
48 mm	60 mm	0.1 mm	0425 486 001	500
48 mm	60 mm	0.15 mm	0425 486 099	500
48 mm	60 mm	0.2 mm	0425 486 002	500
48 mm	60 mm	0.25 mm	0425 486 098	250
48 mm	60 mm	0.3 mm	0425 486 003	250
48 mm	60 mm	0.5 mm	0425 486 005	200
48 mm	60 mm	1 mm	0425 486 010	100
48 mm	60 mm	1.2 mm	0425 486 012	100
48 mm	60 mm	2 mm	0425 486 020	100
50 mm	60 mm	2 mm	0425 506 020	25
50 mm	62 mm	0.05 mm	0425 506 200	50
50 mm	62 mm	0.1 mm	0425 506 201	50/1000
50 mm	62 mm	0.15 mm	0425 506 299	500
50 mm	62 mm	0.2 mm	0425 506 202	50/1000
50 mm	62 mm	0.25 mm	0425 506 298	250
50 mm	62 mm	0.3 mm	0425 506 203	50/500

Internal diameter (d ₁)	Outer diameter (d ₂)	Thickness (h ₁)	Art. no.	P. Qty.
50 mm	62 mm	0.5 mm	0425 506 205	50/500
50 mm	62 mm	1 mm	0425 506 210	50/250
50 mm	62 mm	1.2 mm	0425 506 212	100
50 mm	62 mm	1.5 mm	0425 506 215	250
50 mm	62 mm	1.7 mm	0425 506 217	100
50 mm	62 mm	2 mm	0425 506 220	100
50 mm	62 mm	3 mm	0425 506 230	50
50 mm	63 mm	0.1 mm	0425 506 301	500
50 mm	63 mm	0.15 mm	0425 506 399	500
50 mm	63 mm	0.2 mm	0425 506 302	500
50 mm	63 mm	0.25 mm	0425 506 398	500
50 mm	63 mm	0.3 mm	0425 506 303	250
50 mm	63 mm	1 mm	0425 506 310	100
50 mm	63 mm	1.2 mm	0425 506 312	100
50 mm	63 mm	1.5 mm	0425 506 315	100
50 mm	63 mm	2 mm	0425 506 320	100
50 mm	63 mm	3 mm	0425 506 330	50
50 mm	70 mm	0.1 mm	0425 507 001	50
50 mm	70 mm	0.2 mm	0425 507 002	100
50 mm	70 mm	0.5 mm	0425 507 005	100
50 mm	75 mm	1 mm	0425 507 510	100
50 mm	75 mm	2 mm	0425 507 520	100
50 mm	75 mm	2.5 mm	0425 507 525	50
50 mm	75 mm	3 mm	0425 507 530	100
50 mm	75 mm	4 mm	0425 507 540	50
52 mm	65 mm	0.1 mm	0425 526 501	500
52 mm	65 mm	0.15 mm	0425 526 599	500
52 mm	65 mm	0.2 mm	0425 526 502	500
52 mm	65 mm	0.25 mm	0425 526 598	250
52 mm	65 mm	0.3 mm	0425 526 503	250
52 mm	65 mm	0.5 mm	0425 526 505	50
52 mm	65 mm	1 mm	0425 526 510	50/100
52 mm	65 mm	1.2 mm	0425 526 512	100
52 mm	65 mm	1.5 mm	0425 526 515	100
52 mm	65 mm	2 mm	0425 526 520	100
55 mm	68 mm	0.1 mm	0425 556 801	500
55 mm	68 mm	0.15 mm	0425 556 899	500
55 mm	68 mm	0.2 mm	0425 556 802	500
55 mm	68 mm	0.25 mm	0425 556 898	250
55 mm	68 mm	0.3 mm	0425 556 803	250
55 mm	68 mm	0.5 mm	0425 556 805	250
55 mm	68 mm	1 mm	0425 556 810	50/400
55 mm	68 mm	1.2 mm	0425 556 812	100
55 mm	68 mm	1.5 mm	0425 556 815	100
55 mm	68 mm	2 mm	0425 556 820	100
56 mm	70 mm	0.1 mm	0425 567 001	500
56 mm	70 mm	0.15 mm	0425 567 099	500
56 mm	70 mm	0.2 mm	0425 567 002	500
56 mm	70 mm	0.25 mm	0425 567 098	250
56 mm	70 mm	0.3 mm	0425 567 003	250
56 mm	70 mm	1 mm	0425 567 010	50
56 mm	70 mm	1.2 mm	0425 567 012	100
56 mm	70 mm	1.5 mm	0425 567 015	100
56 mm	70 mm	2 mm	0425 567 020	100

Internal diameter (d ₁)	Outer diameter (d ₂)	Thickness (h ₁)	Art. no.	P. Qty.
56 mm	72 mm	0.1 mm	0425 567 201	50/1000
56 mm	72 mm	0.15 mm	0425 567 299	500
56 mm	72 mm	0.2 mm	0425 567 202	50/1000
56 mm	72 mm	0.25 mm	0425 567 298	250
56 mm	72 mm	0.3 mm	0425 567 203	500
56 mm	72 mm	0.5 mm	0425 567 205	50/500
56 mm	72 mm	1.2 mm	0425 567 212	100
56 mm	72 mm	1.5 mm	0425 567 215	100
56 mm	72 mm	2 mm	0425 567 220	200
56 mm	75 mm	1 mm	0425 567 210	50/250
59 mm	70 mm	0.05 mm	0425 597 200	100
60 mm	75 mm	0.1 mm	0425 607 501	500
60 mm	75 mm	0.2 mm	0425 607 502	500
60 mm	75 mm	0.25 mm	0425 607 598	250
60 mm	75 mm	0.3 mm	0425 607 503	500
60 mm	75 mm	0.5 mm	0425 607 505	50/100
60 mm	75 mm	1 mm	0425 607 510	50/200
60 mm	75 mm	1.5 mm	0425 607 515	100
60 mm	75 mm	2 mm	0425 607 520	100
60 mm	80 mm	1 mm	0425 608 010	125
62 mm	72 mm	0.1 mm	0425 627 201	50
62 mm	72 mm	0.3 mm	0425 627 203	50
62 mm	72 mm	2 mm	0425 627 220	50
62 mm	72 mm	3 mm	0425 627 230	100
63 mm	80 mm	0.1 mm	0425 638 001	500
63 mm	80 mm	0.15 mm	0425 638 099	500
63 mm	80 mm	0.2 mm	0425 638 002	250
63 mm	80 mm	0.3 mm	0425 638 003	250
63 mm	80 mm	0.5 mm	0425 638 005	100
63 mm	80 mm	1 mm	0425 638 010	200
63 mm	80 mm	1.2 mm	0425 638 012	100
63 mm	80 mm	1.4 mm	0425 638 014	500
63 mm	80 mm	1.5 mm	0425 638 015	100
63 mm	80 mm	2 mm	0425 638 020	100
65 mm	75 mm	0.1 mm	0425 657 501	200
65 mm	75 mm	0.15 mm	0425 657 599	200
65 mm	75 mm	0.2 mm	0425 657 502	200
65 mm	75 mm	0.3 mm	0425 657 503	200
65 mm	75 mm	0.5 mm	0425 657 505	200
65 mm	75 mm	1 mm	0425 657 510	200
65 mm	75 mm	1.2 mm	0425 607 512	100
65 mm	85 mm	0.1 mm	0425 658 501	500
65 mm	85 mm	0.15 mm	0425 658 599	500
65 mm	85 mm	0.2 mm	0425 658 502	500
65 mm	85 mm	0.25 mm	0425 658 598	250
65 mm	85 mm	0.3 mm	0425 658 503	250
65 mm	85 mm	0.5 mm	0425 658 505	500
65 mm	85 mm	1 mm	0425 658 510	200
65 mm	85 mm	1.2 mm	0425 658 512	100
65 mm	85 mm	1.5 mm	0425 658 515	100
65 mm	85 mm	2 mm	0425 658 520	100
70 mm	90 mm	0.1 mm	0425 709 001	500
70 mm	90 mm	0.15 mm	0425 709 099	500
70 mm	90 mm	0.2 mm	0425 709 002	800

Internal diameter (d ₁)	Outer diameter (d ₂)	Thickness (h ₁)	Art. no.	P. Qty.
70 mm	90 mm	0.25 mm	0425 709 098	250
70 mm	90 mm	0.3 mm	0425 709 003	250/500
70 mm	90 mm	1 mm	0425 709 010	100
70 mm	90 mm	1.2 mm	0425 709 012	100
70 mm	90 mm	1.5 mm	0425 709 015	100
70 mm	90 mm	2 mm	0425 709 020	100
74 mm	85 mm	0.5 mm	0425 748 505	100
75 mm	90 mm	0.15 mm	0425 759 599	500
75 mm	95 mm	0.1 mm	0425 759 501	500
75 mm	95 mm	0.2 mm	0425 759 502	250
75 mm	95 mm	0.25 mm	0425 759 598	250
75 mm	95 mm	0.3 mm	0425 759 503	250
75 mm	95 mm	0.5 mm	0425 759 505	100
75 mm	95 mm	1 mm	0425 759 510	100
75 mm	95 mm	1 mm	0425 759 536	50
75 mm	95 mm	1.2 mm	0425 759 512	100
75 mm	95 mm	1.5 mm	0425 759 515	100
75 mm	95 mm	2 mm	0425 759 520	100
76 mm	90 mm	0.5 mm	0425 769 005	50
76 mm	90 mm	1 mm	0425 769 010	100
80 mm	10 mm	0.15 mm	0425 801 099	500
80 mm	10 mm	0.25 mm	0425 801 098	250
80 mm	10 mm	1.2 mm	0425 801 012	100
80 mm	10 mm	1.5 mm	0425 801 015	100
80 mm	10 mm	2 mm	0425 801 020	100
80 mm	100 mm	0.2 mm	0425 801 002	500
80 mm	100 mm	0.3 mm	0425 801 003	250
80 mm	100 mm	0.5 mm	0425 801 005	100
80 mm	100 mm	1 mm	0425 801 010	100
85 mm	105 mm	0.1 mm	0425 851 051	500
85 mm	105 mm	0.15 mm	0425 851 099	500
85 mm	105 mm	0.2 mm	0425 851 054	500
85 mm	105 mm	0.25 mm	0425 851 098	250
85 mm	105 mm	0.3 mm	0425 851 052	250
85 mm	105 mm	0.5 mm	0425 851 053	100
85 mm	105 mm	1 mm	0425 851 060	100
85 mm	105 mm	1.2 mm	0425 851 062	100
85 mm	105 mm	1.5 mm	0425 851 065	100
85 mm	105 mm	2 mm	0425 851 070	100
90 mm	100 mm	0.1 mm	0425 901 001	100
90 mm	100 mm	0.3 mm	0425 901 003	250
90 mm	110 mm	0.15 mm	0425 901 199	500
90 mm	110 mm	0.2 mm	0425 901 102	250
90 mm	110 mm	0.25 mm	0425 901 198	250
90 mm	110 mm	0.3 mm	0425 901 103	250
90 mm	110 mm	0.5 mm	0425 901 105	100
90 mm	110 mm	1 mm	0425 901 110	100
90 mm	110 mm	1.2 mm	0425 901 112	100
90 mm	110 mm	1.5 mm	0425 901 115	100
90 mm	110 mm	2 mm	0425 901 120	50
90 mm	110 mm	3.5 mm	0425 901 135	50
95 mm	115 mm	0.1 mm	0425 951 151	500
95 mm	115 mm	0.2 mm	0425 951 152	500
95 mm	115 mm	0.3 mm	0425 951 153	250

Internal diameter (d ₁)	Outer diameter (d ₂)	Thickness (h ₁)	Art. no.	P. Qty.
95 mm	115 mm	0.5 mm	0425 951 155	100
95 mm	115 mm	1 mm	0425 951 160	100
95 mm	116 mm	1.2 mm	0425 951 162	100
95 mm	116 mm	1.5 mm	0425 951 165	100
95 mm	117 mm	2 mm	0425 951 170	100
95 mm	119 mm	0.15 mm	0425 951 199	500
95 mm	119 mm	0.25 mm	0425 951 198	250
100 mm	110 mm	0.2 mm	0425 100 110	1
100 mm	120 mm	0.1 mm	0425 100 121	500
100 mm	120 mm	0.2 mm	0425 100 122	500
100 mm	120 mm	0.25 mm	0425 100 198	250
100 mm	120 mm	0.3 mm	0425 100 123	250
100 mm	120 mm	0.5 mm	0425 100 125	100
100 mm	120 mm	1 mm	0425 100 130	100
100 mm	120 mm	1.2 mm	0425 100 132	100
100 mm	120 mm	1.5 mm	0425 100 135	100
100 mm	125 mm	0.1 mm	0425 101 250	250
100 mm	125 mm	0.2 mm	0425 101 252	250
100 mm	125 mm	0.25 mm	0425 101 259	250
100 mm	125 mm	0.3 mm	0425 101 253	250
100 mm	125 mm	1 mm	0425 101 251	100
100 mm	125 mm	1.2 mm	0425 101 256	100
100 mm	125 mm	3.5 mm	0425 101 257	25
105 mm	130 mm	0.1 mm	0425 105 131	250
105 mm	130 mm	0.15 mm	0425 105 138	100
105 mm	130 mm	0.2 mm	0425 105 132	250
105 mm	130 mm	0.25 mm	0425 105 139	250
105 mm	130 mm	0.3 mm	0425 105 133	250
105 mm	130 mm	0.5 mm	0425 105 135	100
105 mm	130 mm	1 mm	0425 105 134	100
110 mm	125 mm	0.2 mm	0425 111 252	250
110 mm	130 mm	0.3 mm	0425 110 132	25
110 mm	140 mm	0.1 mm	0425 110 140	250
110 mm	140 mm	0.2 mm	0425 110 141	250
110 mm	140 mm	0.25 mm	0425 110 149	250
110 mm	140 mm	0.3 mm	0425 110 142	250
110 mm	140 mm	0.5 mm	0425 110 143	100
110 mm	140 mm	1 mm	0425 110 144	100
115 mm	130 mm	0.3 mm	0425 115 133	250
115 mm	130 mm	0.5 mm	0425 115 135	1
120 mm	130 mm	0.3 mm	0425 120 132	50
120 mm	150 mm	0.1 mm	0425 120 150	250
120 mm	150 mm	0.15 mm	0425 120 158	250
120 mm	150 mm	0.2 mm	0425 120 151	250
120 mm	150 mm	0.25 mm	0425 120 159	250
120 mm	150 mm	0.3 mm	0425 120 152	25
120 mm	150 mm	0.5 mm	0425 120 153	100
120 mm	150 mm	1 mm	0425 120 154	100
120 mm	150 mm	2 mm	0425 120 155	50
122 mm	140 mm	0.1 mm	0425 122 140	250
122 mm	140 mm	0.15 mm	0425 122 149	100
122 mm	140 mm	0.2 mm	0425 122 141	250
122 mm	140 mm	0.3 mm	0425 122 142	250
122 mm	140 mm	0.5 mm	0425 122 143	100

Internal diameter (d ₁)	Outer diameter (d ₂)	Thickness (h ₁)	Art. no.	P. Qty.
122 mm	140 mm	1 mm	0425 122 144	100
125 mm	140 mm	0.1 mm	0425 125 141	100
125 mm	140 mm	0.3 mm	0425 125 143	100
125 mm	140 mm	0.7 mm	0425 125 147	100
125 mm	140 mm	0.8 mm	0425 125 148	100
125 mm	140 mm	0.9 mm	0425 125 149	100
130 mm	160 mm	0.1 mm	0425 130 160	250
130 mm	160 mm	0.15 mm	0425 130 168	250
130 mm	160 mm	0.2 mm	0425 130 161	250
130 mm	160 mm	0.25 mm	0425 130 169	250
130 mm	160 mm	0.5 mm	0425 130 163	100
130 mm	160 mm	1 mm	0425 130 164	100
130 mm	160 mm	3.5 mm	0425 130 167	25
140 mm	170 mm	0.1 mm	0425 140 170	500
140 mm	170 mm	0.15 mm	0425 140 178	250
140 mm	170 mm	0.2 mm	0425 140 171	250
140 mm	170 mm	0.25 mm	0425 140 179	250
140 mm	170 mm	0.3 mm	0425 140 172	250
140 mm	170 mm	0.5 mm	0425 140 173	100
140 mm	170 mm	1 mm	0425 140 174	50
150 mm	180 mm	0.1 mm	0425 150 180	250
150 mm	180 mm	0.15 mm	0425 150 188	250
150 mm	180 mm	0.2 mm	0425 150 181	250
150 mm	180 mm	0.25 mm	0425 150 189	250
150 mm	180 mm	0.3 mm	0425 150 183	250
150 mm	180 mm	0.5 mm	0425 150 185	100
150 mm	180 mm	1 mm	0425 150 184	100
160 mm	190 mm	0.1 mm	0425 161 901	250
160 mm	190 mm	0.15 mm	0425 160 198	250
160 mm	190 mm	0.2 mm	0425 160 192	250
160 mm	190 mm	0.25 mm	0425 160 199	250
160 mm	190 mm	0.3 mm	0425 160 190	250
160 mm	190 mm	0.5 mm	0425 160 195	100
160 mm	190 mm	1 mm	0425 160 194	100
170 mm	200 mm	0.1 mm	0425 170 200	250
170 mm	200 mm	0.15 mm	0425 170 208	250
170 mm	200 mm	0.2 mm	0425 170 201	250
170 mm	200 mm	0.25 mm	0425 170 209	250
170 mm	200 mm	0.5 mm	0425 170 203	100
170 mm	200 mm	1 mm	0425 170 204	100
175 mm	195 mm	1.5 mm	0425 175 195	10
200 mm	224 mm	0.1 mm	0425 200 224	100
200 mm	224 mm	0.2 mm	0425 200 225	100
200 mm	224 mm	0.5 mm	0425 200 227	100
200 mm	224 mm	1 mm	0425 200 228	100
215 mm	255 mm	0.3 mm	0425 215 255	100
238 mm	270 mm	0.3 mm	0425 238 270	50
240 mm	290 mm	0.5 mm	0425 240 291	20

Can be stored in ORSY® system