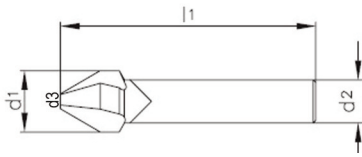


Inhaltsverzeichnis / Table of contents	CODE	Seite/Page
Kegelsenker 60° – HM, DIN 334 Countersink 60° - solid carbide, DIN 334	SR50032	128
Kegelsenker 90° – HM, DIN 335 Countersink 90° - solid carbide, DIN 335	SR50035	129
Handreibahle ähnl. DIN 206 Hand reamer similar to DIN 206	SR50045	130
Maschinenreibahle – DIN 8050 Machine reamer – DIN 8050	SR50046	130
Maschinenreibahle – DIN 8093 Machine reamer – DIN 8093	SR50047	131
Maschinenreibahle – DIN 8093 Machine reamer – DIN 8093	SR50048	132
Maschinenreibahle – DIN 8094 Machine reamer – DIN 8094	SR50049	133
Aufsteckreibahle – DIN 8054 Plug reamer – DIN 8054	SR50050	134
Aufsteckreibahle – ähnlich DIN 8050 Plug reamer – similar to DIN 8050	SR50051	135
Maschinen-Dehnreibahle – ähnlich DIN 8051 Expanding machine reamer – similar to DIN 8051	SR50052	136
Handreibahle – ähnlich DIN 206 Hand reamer – similar to DIN 206	SR50055	137
Maschinenreibahle – ähnlich DIN 8093 Machine reamer – similar to DIN 8093	SR50056	138
NC-Maschinenreibahle um 0,01 mm steigend – ähnlich DIN 8093 NC-Machine reamer rising by 0.01 mm – similar DIN 8093	SR50057	139
NC-Maschinenreibahle – ähnlich DIN 8093 NC-Machine reamer – similar to DIN 8093	SR50058	140
NC-Maschinenreibahle – ähnlich DIN 8093 NC-Machine reamer – similar to DIN 8093	SR50059	141
Kurze Maschinenreibahle – ähnlich DIN 8099 Short machine reamer – similar to DIN 8089	SR50060	142
Maschinenreibahle – DIN 8094 Machine reamer – DIN 8094	SR50061	143
VHM-Kegelreibahle – ähnlich DIN 9 Solid carbide taper reamer – similar to DIN 9	SR50062	143
Top-Speed-Reibahle – spiralgenutet, Durchgangsloch Top-Speed-Reamer – spiral-fluted, through-hole	SR50074	144
Top-Speed-Reibahle – geradegenutet, Sackloch Top-Speed-Reamer – straight-fluted, blind-hole	SR50075	145
Top-Speed-Reibahle – spiralgenutet, Durchgangsloch Top-Speed-Reamer – spiral-fluted, through-hole	SR50076	146
Top-Speed-Reibahle – geradegenutet Top-Speed-Reamer – straight-fluted	SR50077	147
Top-Speed-Reibahle – spiralgenutet, Durchgangsloch Top-Speed-Reamer – spiral-fluted, through-hole	SR50078	148
Top-Speed-Reibahle – geradegenutet, Sackloch Top-Speed-Reamer – straight-fluted, blind-hole	SR50079	149
Top-Speed-Reibahle – spiralgenutet, Durchgangsloch Top-Speed-Reamer – spiral-fluted, through-hole	SR50080	150
Top-Speed-Reibahle – geradegenutet, Sackloch Top-Speed-Reamer – straight-fluted, blind-hole	SR50081	151
Top-Speed-Reibahle – geradegenutet, Durchgangsloch Top-Speed-Reamer – straight-fluted, through-hole	SR50082	152
Einsatzrichtwerte für VHM Reibahlen Estimated values for solid carbide reamers	–	153



Kegelsenker 60° – HM, DIN 334

Countersink 60° - solid carbide, DIN 334



HM	FORM C	Z=3	DIN 334	60°
R	HA			

d1	d3	Hartmetall / hard metal	d2	l1	CODE
8,0	2,0	Vollhartmetall / solid carbide	6,0	50	SR50032-08.00-C
10,0	2,5	Vollhartmetall-Kopf / solid carbide head	8,0	50	SR50032-10.00-C
12,5	3,2	Vollhartmetall-Kopf / solid carbide head	8,0	56	SR50032-12.50-C
16,0	4,0	Vollhartmetall-Kopf / solid carbide head	10,0	63	SR50032-16.00-C
20,0	5,0	Vollhartmetall-Kopf / solid carbide head	10,0	67	SR50032-20.00-C
25,0	6,3	Vollhartmetall-Kopf / solid carbide head	10,0	71	SR50032-25.00-C

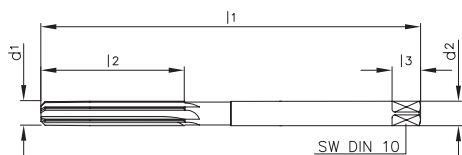
Kegelsenker 90° – HM, DIN 335
Countersink 90° - solid carbide, DIN 335



<div> <div>HM</div> <div>FORM C</div> <div>Z=3</div> <div>DIN 335</div> <div>90°</div> </div> <div> <div>R</div> <div>HA</div> </div>					
d1	d3	Hartmetall P30 / hard metal P30	d2	l1	CODE
6,0	2,0	Vollhartmetall / solid carbide	5	40	SR50035-06.00-C
6,3	2,0	Vollhartmetall / solid carbide	5	40	SR50035-06.30-C
8,0	2,0	Vollhartmetall / solid carbide	6	45	SR50035-08.00-C
8,3	2,0	Vollhartmetall / solid carbide	6	45	SR50035-08.30-C
10,0	2,5	Vollhartmetall-Kopf / solid carbide head	8	46	SR50035-10.00-C
10,4	2,5	Vollhartmetall-Kopf / solid carbide head	8	46	SR50035-10.40-C
11,5	2,8	Vollhartmetall-Kopf / solid carbide head	8	56	SR50035-11.50-C
12,4	2,8	Vollhartmetall-Kopf / solid carbide head	8	56	SR50035-12.40-C
15,0	3,2	Vollhartmetall-Kopf / solid carbide head	10	60	SR50035-15.00-C
16,5	3,2	Vollhartmetall-Kopf / solid carbide head	10	60	SR50035-16.50-C
20,5	3,5	Vollhartmetall-Kopf / solid carbide head	10	63	SR50035-20.50-C
25,0	3,8	Vollhartmetall-Kopf / solid carbide head	10	67	SR50035-25.00-C
31,0	4,2	Vollhartmetall-Kopf / solid carbide head	12	71	SR50035-31.00-C

Handreibahle ähnl. DIN 206

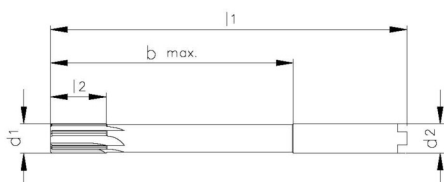
Hand reamers similar to DIN 206



d1	l2	l1	d2	sw	l3	z	CODE
10,0	45,0	133	10,0	8,00	11,0	6	SR50045-10.00-A
11,0	45,0	142	11,0	9,00	12,0	6	SR50045-11.00-A
12,0	45,0	152	12,0	10,00	13,0	6	SR50045-12.00-A
13,0	45,0	152	13,0	10,00	13,0	6	SR50045-13.00-A
14,0	45,0	163	14,0	11,20	14,0	6	SR50045-14.00-A
15,0	45,0	163	15,0	11,20	14,0	6	SR50045-15.00-A
16,0	56,0	175	16,0	12,50	16,0	6	SR50045-16.00-A
17,0	56,0	175	17,0	12,50	16,0	6	SR50045-17.00-A
18,0	56,0	188	18,0	14,00	18,0	6	SR50045-18.00-A
19,0	56,0	188	19,0	14,00	18,0	6	SR50045-19.00-A
20,0	56,0	201	20,0	16,00	20,0	6	SR50045-20.00-A

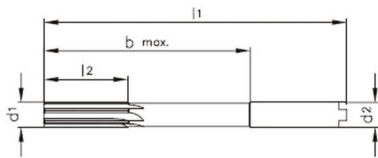
Maschinenreibahle – DIN 8050

Machine reamer – DIN 8050



d1	l2	l1	d2	b	z	CODE	CODE
5,0	16	86	5,0	52	4	SR50046-05.00-A	SR50046-05.00-B
6,0	16	93	5,6	57	4	SR50046-06.00-A	SR50046-06.00-B
7,0	16	109	7,1	69	4	SR50046-07.00-A	SR50046-07.00-B
8,0	16	117	8,0	75	4	SR50046-08.00-A	SR50046-08.00-B
9,0	19	125	9,0	81	4	SR50046-09.00-A	SR50046-09.00-B
10,0	19	133	10,0	87	6	SR50046-10.00-A	SR50046-10.00-B
11,0	19	142	10,0	96	6	SR50046-11.00-A	SR50046-11.00-B
12,0	19	151	10,0	105	6	SR50046-12.00-A	SR50046-12.00-B
13,0	19	151	10,0	105	6	SR50046-13.00-A	SR50046-13.00-B
14,0	19	160	12,5	110	6	SR50046-14.00-A	SR50046-14.00-B
15,0	19	162	12,5	112	6	SR50046-15.00-A	SR50046-15.00-B
16,0	22	170	12,5	120	6	SR50046-16.00-A	SR50046-16.00-B
17,0	22	175	14,0	123	6	SR50046-17.00-A	SR50046-17.00-B
18,0	22	182	14,0	130	6	SR50046-18.00-A	SR50046-18.00-B
19,0	22	189	16,0	131	6	SR50046-19.00-A	SR50046-19.00-B
20,0	22	195	16,0	137	6	SR50046-20.00-A	SR50046-20.00-B

Maschinenreibahle – DIN 8093
Machine reamer – DIN 8093

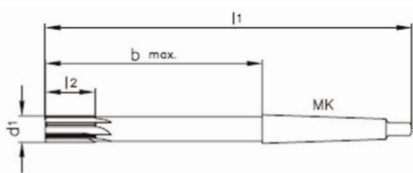


DIN 8093 HM K10 R



d1	l2	b max.	l1	d2	z	CODE	CODE
5,0	30	52	86	5,0	4	SR50047-05.00-A	SR50047-05.00-B
6,0	30	57	93	5,6	4	SR50047-06.00-A	SR50047-06.00-B
7,0	30	69	109	7,1	4	SR50047-07.00-A	SR50047-07.00-B
8,0	30	75	117	8,0	4	SR50047-08.00-A	SR50047-08.00-B
9,0	30	81	125	9,0	4	SR50047-09.00-A	SR50047-09.00-B
10,0	45	87	133	10,0	6	SR50047-10.00-A	SR50047-10.00-B
11,0	45	96	142	10,0	6	SR50047-11.00-A	SR50047-11.00-B
12,0	45	105	151	10,0	6	SR50047-12.00-A	SR50047-12.00-B
13,0	45	105	151	10,0	6	SR50047-13.00-A	SR50047-13.00-B
14,0	45	110	160	12,5	6	SR50047-14.00-A	SR50047-14.00-B
15,0	45	112	162	12,5	6	SR50047-15.00-A	SR50047-15.00-B
16,0	56	120	170	12,5	6	SR50047-16.00-A	SR50047-16.00-B
17,0	56	123	175	14,0	6	SR50047-17.00-A	SR50047-17.00-B
18,0	56	130	182	14,0	6	SR50047-18.00-A	SR50047-18.00-B
19,0	56	131	189	16,0	6	SR50047-19.00-A	SR50047-19.00-B
20,0	56	137	195	16,0	6	SR50047-20.00-A	SR50047-20.00-B

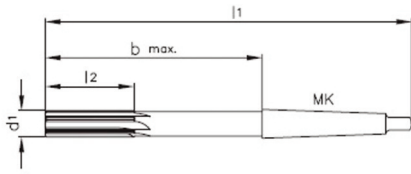




d1	l2	b max.	l1	MK	z	CODE	CODE
5,0*	16	67,5	133	1	4	SR50048-05.00-A	SR50048-05.00-B
6,0*	16	72,5	138	1	4	SR50048-06.00-A	SR50048-06.00-B
7,0*	16	84,5	150	1	4	SR50048-07.00-A	SR50048-07.00-B
8,0	16	90,5	156	1	4	SR50048-08.00-A	SR50048-08.00-B
9,0	19	96,5	162	1	4	SR50048-09.00-A	SR50048-09.00-B
10,0	19	102,5	168	1	6	SR50048-10.00-A	SR50048-10.00-B
11,0	19	109,5	175	1	6	SR50048-11.00-A	SR50048-11.00-B
12,0	19	116,5	182	1	6	SR50048-12.00-A	SR50048-12.00-B
13,0	19	116,5	182	1	6	SR50048-13.00-A	SR50048-13.00-B
14,0	19	123,5	189	1	6	SR50048-14.00-A	SR50048-14.00-B
15,0	19	124,0	204	2	6	SR50048-15.00-A	SR50048-15.00-B
16,0	22	130,0	210	2	6	SR50048-16.00-A	SR50048-16.00-B
17,0	22	134,0	214	2	6	SR50048-17.00-A	SR50048-17.00-B
18,0	22	139,0	219	2	6	SR50048-18.00-A	SR50048-18.00-B
19,0	22	143,0	223	2	6	SR50048-19.00-A	SR50048-19.00-B
20,0	22	148,0	228	2	6	SR50048-20.00-A	SR50048-20.00-B
21,0	25	152,0	232	2	6	SR50048-21.00-A	SR50048-21.00-B
22,0	25	157,0	237	2	6	SR50048-22.00-A	SR50048-22.00-B
23,0	25	161,0	241	2	6	SR50048-23.00-A	SR50048-23.00-B
24,0	25	169,0	268	3	8	SR50048-24.00-A	SR50048-24.00-B
25,0	25	169,0	268	3	8	SR50048-25.00-A	SR50048-25.00-B
26,0	25	174,0	273	3	8	SR50048-26.00-A	SR50048-26.00-B
27,0	30	178,0	277	3	8	SR50048-27.00-A	SR50048-27.00-B
28,0	30	178,0	277	3	8	SR50048-28.00-A	SR50048-28.00-B
29,0	30	182,0	281	3	8	SR50048-29.00-A	SR50048-29.00-B
30,0	30	182,0	281	3	8	SR50048-30.00-A	SR50048-30.00-B
31,0	30	186,0	285	3	8	SR50048-31.00-A	SR50048-31.00-B
32,0	30	193,0	317	4	8	SR50048-32.00-A	SR50048-32.00-B
34,0	30	197,0	321	4	8	SR50048-34.00-A	SR50048-34.00-B
35,0	30	197,0	321	4	8	SR50048-35.00-A	SR50048-35.00-B
36,0	30	201,0	325	4	8	SR50048-36.00-A	SR50048-36.00-B
38,0	30	205,0	329	4	8	SR50048-38.00-A	SR50048-38.00-B
40,0	30	205,0	329	4	8	SR50048-40.00-A	SR50048-40.00-B

Maschinenreibahle – DIN 8094

Machine reamer – DIN 8094

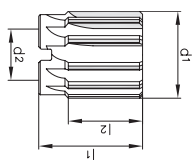


DIN 8094 **HM K10** **R** **MK**



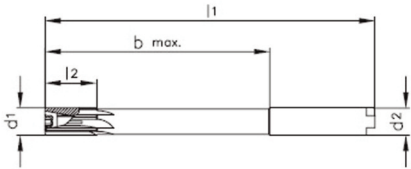
d1	l2	b max.	l1	MK	z	CODE	CODE
5,0	30	67,5	133	1	4	SR50049-05.00-A	SR50049-05.00-B
6,0	30	72,5	138	1	4	SR50049-06.00-A	SR50049-06.00-B
7,0	30	84,5	150	1	4	SR50049-07.00-A	SR50049-07.00-B
8,0	30	90,5	156	1	4	SR50049-08.00-A	SR50049-08.00-B
9,0	30	96,5	162	1	4	SR50049-09.00-A	SR50049-09.00-B
10,0	45	102,5	168	1	6	SR50049-10.00-A	SR50049-10.00-B
11,0	45	109,5	175	1	6	SR50049-11.00-A	SR50049-11.00-B
12,0	45	116,5	182	1	6	SR50049-12.00-A	SR50049-12.00-B
13,0	45	116,5	182	1	6	SR50049-13.00-A	SR50049-13.00-B
14,0	45	123,5	189	1	6	SR50049-14.00-A	SR50049-14.00-B
15,0	45	124,0	204	2	6	SR50049-15.00-A	SR50049-15.00-B
16,0	45	130,0	210	2	6	SR50049-16.00-A	SR50049-16.00-B
17,0	56	134,0	214	2	6	SR50049-17.00-A	SR50049-17.00-B
18,0	56	139,0	219	2	6	SR50049-18.00-A	SR50049-18.00-B
19,0	56	143,0	223	2	6	SR50049-19.00-A	SR50049-19.00-B
20,0	56	148,0	228	2	6	SR50049-20.00-A	SR50049-20.00-B
21,0	56	152,0	232	2	6	SR50049-21.00-A	SR50049-21.00-B
22,0	56	157,0	237	2	6	SR50049-22.00-A	SR50049-22.00-B
23,0	56	161,0	241	2	6	SR50049-23.00-A	SR50049-23.00-B
24,0	70	169,0	268	3	8	SR50049-24.00-A	SR50049-24.00-B
25,0	70	169,0	268	3	8	SR50049-25.00-A	SR50049-25.00-B
26,0	70	174,0	273	3	8	SR50049-26.00-A	SR50049-26.00-B
27,0	70	178,0	277	3	8	SR50049-27.00-A	SR50049-27.00-B
28,0	70	178,0	277	3	8	SR50049-28.00-A	SR50049-28.00-B
29,0	70	182,0	281	3	8	SR50049-29.00-A	SR50049-29.00-B
30,0	70	182,0	281	3	8	SR50049-30.00-A	SR50049-30.00-B
31,0	70	186,0	285	3	8	SR50049-31.00-A	SR50049-31.00-B
32,0	70	193,0	317	4	8	SR50049-32.00-A	SR50049-32.00-B
34,0	70	197,0	321	4	8	SR50049-34.00-A	SR50049-34.00-B
35,0	70	197,0	321	4	8	SR50049-35.00-A	SR50049-35.00-B
36,0	70	201,0	325	4	8	SR50049-36.00-A	SR50049-36.00-B
38,0	70	205,0	329	4	8	SR50049-38.00-A	SR50049-38.00-B
40,0	70	205,0	329	4	8	SR50049-40.00-A	SR50049-40.00-B




DIN 8054 **HM K10** **R** **1:30 Bohrung/ bore**


d1	l2	l1	d2	z	CODE
30,0	30	45	13	6	SR50050-30.00
31,0	30	45	13	8	SR50050-31.00
32,0	30	45	13	8	SR50050-32.00
34,0	30	45	13	8	SR50050-34.00
35,0	30	45	13	8	SR50050-35.00
36,0	30	50	16	8	SR50050-36.00
37,0	30	50	16	8	SR50050-37.00
38,0	30	50	16	8	SR50050-38.00
40,0	30	50	16	8	SR50050-40.00
42,0	30	50	16	8	SR50050-42.00
45,0	30	50	16	8	SR50050-45.00
46,0	30	56	19	10	SR50050-46.00
47,0	30	56	19	10	SR50050-47.00
48,0	30	56	19	10	SR50050-48.00
50,0	30	56	19	10	SR50050-50.00
52,0	30	56	19	10	SR50050-52.00
54,0	30	63	22	10	SR50050-54.00
55,0	30	63	22	10	SR50050-55.00
58,0	30	63	22	10	SR50050-58.00
60,0	30	63	22	10	SR50050-60.00
62,0	30	63	22	10	SR50050-62.00
65,0	30	71	27	12	SR50050-65.00
68,0	30	71	27	12	SR50050-68.00
70,0	30	71	27	12	SR50050-70.00
72,0	30	71	27	12	SR50050-72.00
75,0	30	71	27	12	SR50050-75.00

Aufsteckreibahle – ähnlich DIN 8050 Plug reamer – similar to DIN 8050



DIN
8050

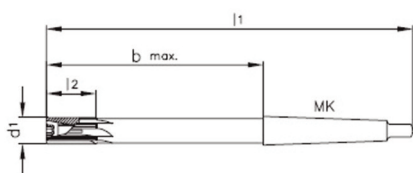
HM
K10

R

d1	l2	b max.	l1	d2	z	CODE
8,0	16,0	75	117	8	4	SR50051-08.00
9,0	19,0	81	125	9	4	SR50051-09.00
10,0	19,0	87	133	10	6	SR50051-10.00
11,0	19,0	96	142	10	6	SR50051-11.00
12,0	19,0	105	151	10	6	SR50051-12.00
13,0	19,0	105	151	10	6	SR50051-13.00
14,0	19,0	110	160	12,5	6	SR50051-14.00
15,0	19,0	112	162	12,5	6	SR50051-15.00
16,0	22,0	120	170	12,5	6	SR50051-16.00
18,0	22,0	130	182	14	6	SR50051-18.00
20,0	22,0	137	195	16	6	SR50051-20.00

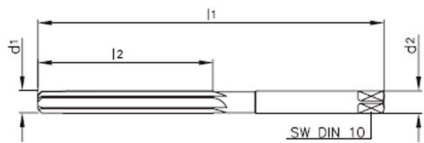


Maschinen-Dehnreibahle – ähnlich DIN 8051 Expanding machine reamer – similar to DIN 8051



d1	l2	b max.	l1	MK	z	CODE
8,0	16	90,5	156	1	4	SR50052-08.00
9,0	19	96,5	162	1	4	SR50052-09.00
10,0	19	102,5	168	1	6	SR50052-10.00
11,0	19	109,5	175	1	6	SR50052-11.00
12,0	19	116,5	182	1	6	SR50052-12.00
13,0	19	116,5	182	1	6	SR50052-13.00
14,0	19	123,5	189	1	6	SR50052-14.00
15,0	19	124,0	204	2	6	SR50052-15.00
16,0	22	130,0	210	2	6	SR50052-16.00
17,0	22	134,0	214	2	6	SR50052-17.00
18,0	22	139,0	219	2	6	SR50052-18.00
19,0	22	143,0	223	2	6	SR50052-19.00
20,0	22	148,0	228	2	6	SR50052-20.00
22,0	25	157,0	237	2	6	SR50052-22.00
24,0	25	168,0	268	3	8	SR50052-24.00
25,0	25	169,0	268	3	8	SR50052-25.00
26,0	25	174,0	273	3	8	SR50052-26.00
28,0	30	178,0	277	3	8	SR50052-28.00
30,0	30	182,0	281	3	8	SR50052-30.00
32,0	30	193,0	317	4	8	SR50052-32.00
34,0	30	197,0	321	4	8	SR50052-34.00
35,0	30	197,0	321	4	8	SR50052-35.00
36,0	30	201,0	325	4	8	SR50052-36.00
38,0	30	205,0	329	4	8	SR50052-38.00
40,0	30	205,0	329	4	8	SR50052-40.00

Handreibahle – ähnlich DIN 206
Hand reamer – similar to DIN 206

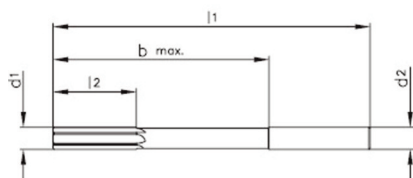


DIN 206

VHM K10

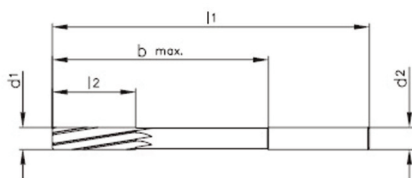
d1	l2	l1	d2	sw	l3	z	CODE
1,5	20	40	1,5	1,12	4,0	3	SR50055-01.50-A
2,0	25	49	2,0	1,60	4,0	4	SR50055-02.00-A
2,5	29	57	2,5	2,00	4,0	4	SR50055-02.50-A
3,0	31	61	3,0	2,24	5,0	4	SR50055-03.00-A
3,5	35	70	3,5	2,80	5,0	4	SR50055-03.50-A
4,0	38	75	4,0	3,15	6,0	4	SR50055-04.00-A
4,5	41	80	4,5	3,55	6,0	6	SR50055-04.50-A
5,0	44	86	5,0	4,00	7,0	6	SR50055-05.00-A
6,0	47	93	6,0	4,50	7,0	6	SR50055-06.00-A
7,0	54	107	7,0	5,60	8	6	SR50055-07.00-A
8,0	58	115	8,0	6,30	9	6	SR50055-08.00-A
9,0	62	125	9,0	7,10	10	6	SR50055-09.00-A





d1	l1	b max.	l2	d2	z	CODE	CODE
1,0	34	20	6	1,0	3	SR50056-01.00-A	SR50056-01.00-B
1,2	34	20	6	1,2	3	SR50056-01.20-A	SR50056-01.20-B
1,4	40	24	8	1,4	3	SR50056-01.40-A	SR50056-01.40-B
1,5	40	24	8	1,5	3	SR50056-01.50-A	SR50056-01.50-B
1,6	43	25	9	1,6	3	SR50056-01.60-A	SR50056-01.60-B
1,8	46	28	10	1,8	4	SR50056-01.80-A	SR50056-01.80-B
2,0	49	29	11	2,0	4	SR50056-02.00-A	SR50056-02.00-B
2,2	53	32	12	2,2	4	SR50056-02.20-A	SR50056-02.20-B
2,5	57	34	14	2,5	4	SR50056-02.50-A	SR50056-02.50-B
2,8	61	41	15	2,8	6	SR50056-02.80-A	SR50056-02.80-B
3,0	61	41	15	3,0	6	SR50056-03.00-A	SR50056-03.00-B
3,2	65	41	16	3,2	6	SR50056-03.20-A	SR50056-03.20-B
3,5	70,0	43	18	3,5	6	SR50056-03.50-A	SR50056-03.50-B
4,0	75,0	43	19	4,0	6	SR50056-04.00-A	SR50056-04.00-B
4,5	80,0	47	21	4,5	6	SR50056-04.50-A	SR50056-04.50-B
5,0	86,0	52	23	5,0	6	SR50056-05.00-A	SR50056-05.00-B
5,5	93,0	57	26	5,6	6	SR50056-05.50-A	SR50056-05.50-B
6,0	93,0	57	26	5,6	6	SR50056-06.00-A	SR50056-06.00-B
6,5	101,0	63	28	6,3	6	SR50056-06.50-A	SR50056-06.50-B
7,0	109,0	69	31	7,1	6	SR50056-07.00-A	SR50056-07.00-B
8,0	117,0	75	33	8,0	6	SR50056-08.00-A	SR50056-08.00-B
9,0	125,0	81	36	9,0	6	SR50056-09.00-A	SR50056-09.00-B
10,0	133,0	87	38	10,0	6	SR50056-10.00-A	SR50056-10.00-B
11,0	142,0	96	41	10,0	6	SR50056-11.00-A	SR50056-11.00-B
12,0	151,0	105	44	10,0	6	SR50056-12.00-A	SR50056-12.00-B
13,0	151,0	105	44	10,0	8	SR50056-13.00-A	SR50056-13.00-B
14,0	160,0	110	47	12,5	8	SR50056-14.00-A	SR50056-14.00-B
15,0	162,0	112	50	12,5	8	SR50056-15.00-A	SR50056-15.00-B
16,0	170,0	120	52	12,5	8	SR50056-16.00-A	SR50056-16.00-B
17,0	175,0	123	54	14,0	8	SR50056-17.00-A	SR50056-17.00-B
18,0	182,0	130	56	14,0	8	SR50056-18.00-A	SR50056-18.00-B
19,0	189,0	131	58	16,0	8	SR50056-19.00-A	SR50056-19.00-B
20,0	195,0	137	60	16,0	8	SR50056-20.00-A	SR50056-20.00-B

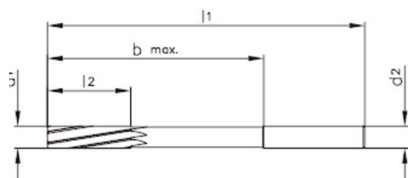
NC-Maschinenreibahle um 0,01 mm steigend – ähnlich DIN 8093
NC-Machine reamer rising by 0.01 mm – similar DIN 8093



d1	l2	b max.	l1	d2	z	CODE
0,90 – 1,30	6	20	34	1,0	3	SR50057-XX.XX
1,31 – 1,50	8	24	40	2,0	3	SR50057-XX.XX
1,51 – 1,61	9	25	43	2,0	3	SR50057-XX.XX
1,62 – 1,70	9	25	43	2,0	4	SR50057-XX.XX
1,71 – 1,90	10	28	46	2,0	4	SR50057-XX.XX
1,91 – 2,12	11	29	49	2,0	4	SR50057-XX.XX
2,13 – 2,36	12	32	53	3,0	4	SR50057-XX.XX
2,37 – 2,65	14	34	57	3,0	4	SR50057-XX.XX
2,66 – 2,79	15	41	61	3,0	4	SR50057-XX.XX
2,80 – 3,09	15	41	61	3,0	6	SR50057-XX.XX
3,10 – 3,35	16	41	65	4,0	6	SR50057-XX.XX
3,36 – 3,75	18	43	70	4,0	6	SR50057-XX.XX
3,76 – 4,10	19	43	75	4,0	6	SR50057-XX.XX
4,11 – 4,25	21	47	80	4,0	6	SR50057-XX.XX
4,26 – 4,75	21	47	80	5,0	6	SR50057-XX.XX
4,76 – 5,20	23	52	86	5,0	6	SR50057-XX.XX
5,21 – 6,00	26	57	93	6,0	6	SR50057-XX.XX
6,01 – 6,60	28	63	101	6,0	6	SR50057-XX.XX
6,61 – 6,70	31	69	109	6,0	6	SR50057-XX.XX
6,71 – 7,50	31	69	109	8,0	6	SR50057-XX.XX
7,51 – 8,50	33	75	117	8,0	6	SR50057-XX.XX
8,51 – 9,50	36	81	125	10,0	6	SR50057-XX.XX
9,51 – 10,60	38	87	133	10,0	6	SR50057-XX.XX
10,61 – 11,80	41	96	142	10,0	6	SR50057-XX.XX
11,81 – 12,25	44	105	151	10,0	6	SR50057-XX.XX
12,26 – 13,20	44	105	151	10,0	8	SR50057-XX.XX

Bestellangabe / Ordering information:
SR50057-XX.XX,
X=Ø





**DIN
8093**

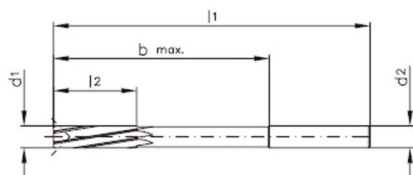
**VHM
K10**



d1	l1	b max.	l2	d2	z	CODE
1,0	34	20	6	1	3	SR50058-01.00-B
1,2	34	20	6	1	3	SR50058-01.20-B
1,4	40	24	8	2	3	SR50058-01.40-B
1,5	40	24	8	2	3	SR50058-01.50-B
1,6	43	25	9	2	3	SR50058-01.60-B
1,8	46	28	10	2	4	SR50058-01.80-B
2,0	49	29	11	2	4	SR50058-02.00-B
2,2	53	32	12	3	4	SR50058-02.20-B
2,5	57	34	14	3	4	SR50058-02.50-B
2,8	61	41	15	3	6	SR50058-02.80-B
3,0	61	41	15	3	6	SR50058-03.00-B
3,2	65	41	16	4	6	SR50058-03.20-B
3,5	70	43	18,0	4	6	SR50058-03.50-B
4,0	75	43	19,0	4	6	SR50058-04.00-B
4,5	80	47	21,0	5	6	SR50058-04.50-B
5,0	86	52	23,0	5	6	SR50058-05.00-B
5,5	93	57	26,0	6	6	SR50058-05.50-B
6,0	93	57	26,0	6	6	SR50058-06.00-B
6,5	101	63	28,0	6	6	SR50058-06.50-B
7,0	109	69	31,0	8	6	SR50058-07.00-B
8,0	117	75	33,0	8	6	SR50058-08.00-B
9,0	125	81	36,0	10	6	SR50058-09.00-B
10,0	133	87	38,0	10	6	SR50058-10.00-B
11,0	142	96	41,0	10	6	SR50058-11.00-B
12,0	151	105	44,0	10	6	SR50058-12.00-B
13,0	151	105	44,0	10	8	SR50058-13.00-B
14,0	160	110	47,0	14	8	SR50058-14.00-B
15,0	162	112	50,00	14	8	SR50058-15.00-B
16,0	170	120	52,00	14	8	SR50058-16.00-B
17,0	175	123	54,00	14	8	SR50058-17.00-B
18,0	182	130	56,00	14	8	SR50058-18.00-B
19,0	189	131	58,00	16	8	SR50058-19.00-B
20,0	195	137	60,00	16	8	SR50058-20.00-B

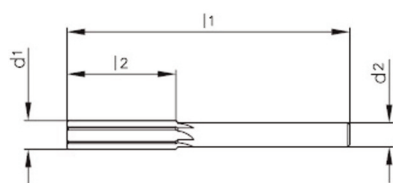
NC-Maschinenreibahle – ähnlich DIN 8093

NC-Machine reamer – similar to DIN 8093



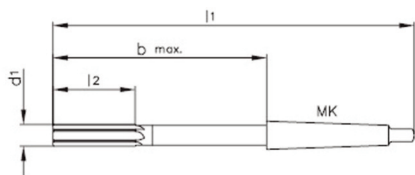
d1	l1	b max.	l2	d2	z	CODE
4,0	75	43	19	4	6	SR50059-04.00-B
4,5	80	47	21	5	6	SR50059-04.50-B
5,0	86	52	23	5	6	SR50059-05.00-B
5,5	93	57	26	6	6	SR50059-05.50-B
6,0	93	57	26	6	6	SR50059-06.00-B
6,5	101	63	28	6	6	SR50059-06.50-B
7,0	109	69	31	8	6	SR50059-07.00-B
8,0	117	75	33	8	6	SR50059-08.00-B
9,0	125	81	36	10	6	SR50059-09.00-B
10,0	133	87	38	10	6	SR50059-10.00-B
11,0	142	96	41	10	6	SR50059-11.00-B
12,0	151	105	44	10	6	SR50059-12.00-B
13,0	151	105	44	10	8	SR50059-13.00-B
14,0	160	110	47	14	8	SR50059-14.00-B
15,0	162	112	50	14	8	SR50059-15.00-B
16,0	170	120	52	14	8	SR50059-16.00-B
17,0	175	123	54	14	8	SR50059-17.00-B
18,0	182	130	56	14	8	SR50059-18.00-B
19,0	189	131	58	16	8	SR50059-19.00-B
20,0	195	137	60	16	8	SR50059-20.00-B




**DIN
8089**
**VHM
K10**

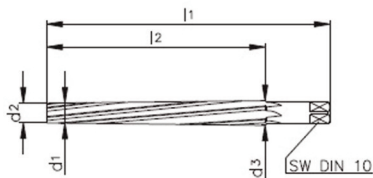

d1	l1	l2	d2	z	CODE	CODE
3,0	56	20	2,5	6	SR50060-03.00-A	SR50060-03.00-B
3,2	56	20	2,8	6	SR50060-03.20-A	SR50060-03.20-B
3,5	56	20	3,0	6	SR50060-03.50-A	SR50060-03.50-B
4,0	56	20	3,6	6	SR50060-04.00-A	SR50060-04.00-B
4,5	63	22	4,0	6	SR50060-04.50-A	SR50060-04.50-B
5,0	63	22	4,0	6	SR50060-05.00-A	SR50060-05.00-B
5,5	63	22	5,0	6	SR50060-05.50-A	SR50060-05.50-B
6,0	63	22	5,0	6	SR50060-06.00-A	SR50060-06.00-B
6,5	63	22	5,0	6	SR50060-06.50-A	SR50060-06.50-B
7,0	71	25	6,3	6	SR50060-07.00-A	SR50060-07.00-B
7,5	71	25	6,3	6	SR50060-07.50-A	SR50060-07.50-B
8,0	71	25	6,3	6	SR50060-08.00-A	SR50060-08.00-B
8,5	71	25	6,3	6	SR50060-08.50-A	SR50060-08.50-B
9,0	71	25	8,0	6	SR50060-09.00-A	SR50060-09.00-B
9,5	71	25	8,0	6	SR50060-09.50-A	SR50060-09.50-B
10,0	71	25	8,0	6	SR50060-10.00-A	SR50060-10.00-B
11,0	80	28	10,0	6	SR50060-11.00-A	SR50060-11.00-B
12,0	80	28	10,0	6	SR50060-12.00-A	SR50060-12.00-B
13,0	80	28	10,0	6	SR50060-13.00-A	SR50060-13.00-B
14,0	90	32	12,5	8	SR50060-14.00-A	SR50060-14.00-B
15,0	90	32	12,5	8	SR50060-15.00-A	SR50060-15.00-B
16,0	90	32	12,5	8	SR50060-16.00-A	SR50060-16.00-B
17,0	90	32	12,5	8	SR50060-17.00-A	SR50060-17.00-B
18,0	100	36	16,0	8	SR50060-18.00-A	SR50060-18.00-B
19,0	100	36	16,0	8	SR50060-19.00-A	SR50060-19.00-B
20,0	100	36	16,0	8	SR50060-20.00-A	SR50060-20.00-B

Maschinenreibahle – DIN 8094
Machine reamer – DIN 8094



d1	l2	b max.	l1	MK	z	CODE	CODE
5,0*	23	67,5	133	1	6	SR50061-05.00-A	SR50061-05.00-B
6,0*	26	72,5	138	1	6	SR50061-06.00-A	SR50061-06.00-B
7,0*	31	84,5	150	1	6	SR50061-07.00-A	SR50061-07.00-B
8,0	33	90,5	156	1	6	SR50061-08.00-A	SR50061-08.00-B
9,0	36	96,5	162	1	6	SR50061-09.00-A	SR50061-09.00-B
10,0	38	102,5	168	1	6	SR50061-10.00-A	SR50061-10.00-B
11,0	41	109,5	175	1	6	SR50061-11.00-A	SR50061-11.00-B
12,0	44	116,5	182	1	6	SR50061-12.00-A	SR50061-12.00-B
13,0	44	116,5	182	1	6	SR50061-13.00-A	SR50061-13.00-B
14,0	47	123,5	189	1	8	SR50061-14.00-A	SR50061-14.00-B
15,0	50	124,0	204	2	8	SR50061-15.00-A	SR50061-15.00-B
16,0	52	130,0	210	2	8	SR50061-16.00-A	SR50061-16.00-B
17,0	54	134,0	214	2	8	SR50061-17.00-A	SR50061-17.00-B
18,0	56	139,0	219	2	8	SR50061-18.00-A	SR50061-18.00-B
19,0	58	143,0	223	2	8	SR50061-19.00-A	SR50061-19.00-B
20,0	60	148,0	228	2	8	SR50061-20.00-A	SR50061-20.00-B

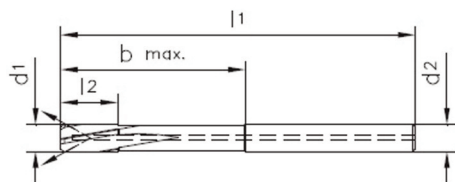
VHM-Kegelreibahlen – ähnlich DIN 9
Solid carbide taper reamer – similar to DIN 9



Ø	d2	d3	l2	l1	l3	sw	z	CODE
1,5	1,4	2,1	37	57	5,0	2,5	3	SR50062-01.50-B
2,0	1,9	2,9	48	68	5,0	2,5	4	SR50062-02.00-B
3,0	2,9	4,1	58	80	6,0	3,1	5	SR50062-03.00-B
4,0	3,9	5,3	68	93	7,0	4,0	5	SR50062-04.00-B
5,0	4,9	6,4	73	100	8,0	5,0	5	SR50062-05.00-B
6,0	5,9	8,0	105	135	9,0	6,3	6	SR50062-06.00-B
8,0	7,9	10,8	145	180	11,0	8,0	6	SR50062-08.00-B

Top-Speed-Reibahle – spiralgenutet, Durchgangsloch

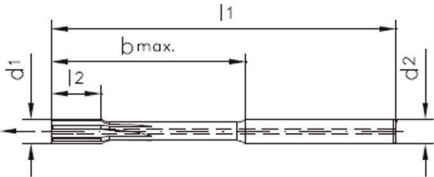
Top-Speed-Reamer – spiral-fluted, through-hole



d1	l2	b max.	l1	d2	z	CODE
4,0	12	47	75	4,0	4	SR50074-04.00-B-S
4,5	12	39	75	6,0	4	SR50074-04.50-B-S
5,0	12	39	75	6,0	4	SR50074-05.00-B-S
5,5	16	39	75	6,0	4	SR50074-05.50-B-S
6,0	16	39	75	6,0	4	SR50074-06.00-B-S
6,5	16	64	100	8,0	6	SR50074-06.50-B-S
7,0	16	64	100	8,0	6	SR50074-07.00-B-S
7,5	16	64	100	8,0	6	SR50074-07.50-B-S
8,0	16	64	100	8,0	6	SR50074-08.00-B-S
8,5	19	60	100	10,0	6	SR50074-08.50-B-S
9,0	19	60	100	10,0	6	SR50074-09.00-B-S
10,0	19	80	120	10,0	6	SR50074-10.00-B-S
10,5	19	75	120	12,0	6	SR50074-10.50-B-S
11,0	19	75	120	12,0	6	SR50074-11.00-B-S
11,5	19	75	120	12,0	6	SR50074-11.50-B-S
12,0	19	75	120	12,0	6	SR50074-12.00-B-S
13,0	19	75	120	14,0	6	SR50074-13.00-B-S
14,0	22	90	135	14,0	6	SR50074-14.00-B-S
15,0	22	87	135	16,0	6	SR50074-15.00-B-S
17,0	22	97	145	18,0	8	SR50074-17.00-B-S
18,0	22	97	145	18,0	8	SR50074-18.00-B-S
19,0	22	95	145	20,0	8	SR50074-19.00-B-S
20,0	22	95	145	20,0	8	SR50074-20.00-B-S

Alle anderen Passungen oder Zwischenabmessungen auf Anfrage.
All other fits or intermediate sizes on demand.

Top-Speed-Reibahle – geradegenutet, Sackloch
Top-Speed-Reamer – straight-fluted, blind hole



VHM
K10F

TiALN

STAHL
steel

GUSS
Cast iron

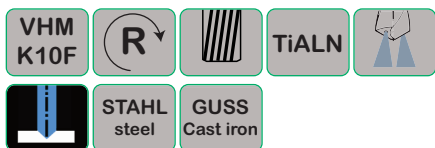
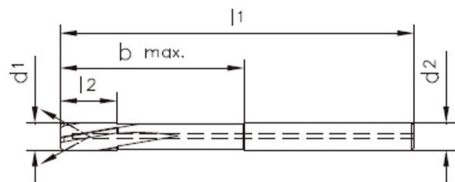
d1	l2	b max.	l1	d2	z	CODE
4,0	12	47	75	4,0	4	SR50075-04.00-A-C
4,5	12	39	75	6,0	4	SR50075-04.50-A-C
5,0	12	39	75	6,0	4	SR50075-05.00-A-C
5,5	16	39	75	6,0	4	SR50075-05.50-A-C
6,0	16	39	75	6,0	4	SR50075-06.00-A-C
6,5	16	64	100	8,0	6	SR50075-06.50-A-C
7,0	16	64	100	8,0	6	SR50075-07.00-A-C
7,5	16	64	100	8,0	6	SR50075-07.50-A-C
8,0	16	64	100	8,0	6	SR50075-08.00-A-C
8,5	19	60	100	10,0	6	SR50075-08.50-A-C
9,0	19	60	100	10,0	6	SR50075-09.00-A-C
9,5	19	80	120	10,0	6	SR50075-09.50-A-C
10,0	19	80	120	10,0	6	SR50075-10.00-A-C
10,5	19	75	120	12,0	6	SR50075-10.50-A-C
11,0	19	75	120	12,0	6	SR50075-11.00-A-C
11,5	19	75	120	12,0	6	SR50075-11.50-A-C
12,0	19	75	120	12,0	6	SR50075-12.00-A-C
13,0	19	75	120	14,0	6	SR50075-13.00-A-C
14,0	22	90	135	14,0	6	SR50075-14.00-A-C
15,0	22	87	135	16,0	6	SR50075-15.00-A-C
16,0	22	87	135	16,0	6	SR50075-16.00-A-C
17,0	22	97	145	18,0	8	SR50075-17.00-A-C
18,0	22	97	145	18,0	8	SR50075-18.00-A-C
19,0	22	95	145	20,0	8	SR50075-19.00-A-C
20,0	22	95	145	20,0	8	SR50075-20.00-A-C

Alle anderen Passungen oder Zwischenabmessungen auf Anfrage.
 All other fits or intermediate sizes on demand.



Top-Speed-Reibahle – spiralgenutet, Durchgangsloch

Top-Speed-Reamer – spiral-fluted, through-hole



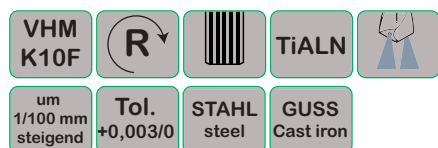
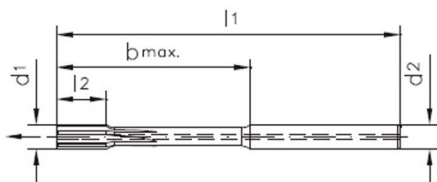
d1	l2	b max.	l1	d2	z	CODE
4,0	12	47	75	4,0	4	SR50076-04.00-B-S
4,5	12	39	75	6,0	4	SR50076-04.50-B-S
5,0	12	39	75	6,0	4	SR50076-05.00-B-S
5,5	16	39	75	6,0	4	SR50076-05.50-B-S
6,0	16	39	75	6,0	4	SR50076-06.00-B-S
6,5	16	64	100	8,0	4	SR50076-06.50-B-S
7,0	16	64	100	8,0	6	SR50076-07.00-B-S
7,5	16	64	100	8,0	6	SR50076-07.50-B-S
8,0	16	64	100	8,0	6	SR50076-08.00-B-S
8,5	19	60	100	10,0	6	SR50076-08.50-B-S
9,0	19	60	100	10,0	6	SR50076-09.00-B-S
9,5	19	80	120	10,0	6	SR50076-09.50-B-S
10,0	19	80	120	10,0	6	SR50076-10.00-B-S
10,5	19	75	120	12,0	6	SR50076-10.50-B-S
11,0	19	75	120	12,0	6	SR50076-11.00-B-S
11,5	19	75	120	12,0	6	SR50076-11.50-B-S
12,0	19	75	120	12,0	6	SR50076-12.00-B-S
13,0	19	75	120	14,0	6	SR50076-13.00-B-S
14,0	22	90	135	14,0	6	SR50076-14.00-B-S
15,0	22	87	135	16,0	6	SR50076-15.00-B-S
16,0	22	87	135	16,0	6	SR50076-16.00-B-S
17,0	22	97	145	18,0	8	SR50076-17.00-B-S
18,0	22	97	145	18,0	8	SR50076-18.00-B-S
19,0	22	95	145	20,0	8	SR50076-19.00-B-S
20,0	22	95	145	20,0	8	SR50076-20.00-B-S

Alle anderen Passungen oder Zwischenabmessungen auf Anfrage.

All other fits or intermediate sizes on demand.

Top-Speed-Reibahle – geradegenutet

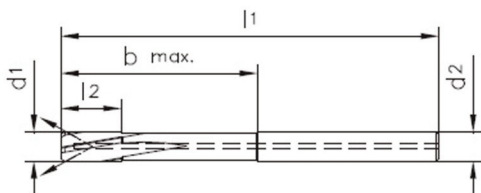
Top-Speed-Reamer – straight-fluted



d1	l2	b max.	l1	d2	z	CODE
3,97	12	47	75	4,0	4	SR50077-03.97-A-C
3,98	12	47	75	4,0	4	SR50077-03.98-A-C
3,99	12	47	75	4,0	4	SR50077-03.99-A-C
4,00	12	47	75	4,0	4	SR50077-04.00-A-C
4,01	12	47	75	4,0	4	SR50077-04.01-A-C
4,02	12	47	75	4,0	4	SR50077-04.02-A-C
4,03	12	47	75	4,0	4	SR50077-04.03-A-C
4,97	12	39	75	6,0	4	SR50077-04.97-A-C
4,98	12	39	75	6,0	4	SR50077-04.98-A-C
4,99	12	39	75	6,0	4	SR50077-04.99-A-C
5,01	12	39	75	6,0	4	SR50077-05.01-A-C
5,02	12	39	75	6,0	4	SR50077-05.02-A-C
5,03	12	39	75	6,0	4	SR50077-05.03-A-C
5,97	16	39	75	6,0	4	SR50077-05.97-A-C
5,98	16	39	75	6,0	4	SR50077-05.98-A-C
5,99	16	39	75	6,0	4	SR50077-05.99-A-C
6,00	16	39	75	6,0	4	SR50077-06.00-A-C
6,01	16	39	75	6,0	4	SR50077-06.01-A-C
6,02	16	39	75	6,0	4	SR50077-06.02-A-C
6,03	16	39	75	6,0	4	SR50077-06.03-A-C
7,97	16	64	100	8,0	6	SR50077-07.97-A-C
7,98	16	64	100	8,0	6	SR50077-07.98-A-C
7,99	16	64	100	8,0	6	SR50077-07.99-A-C
8,00	16	64	100	8,0	6	SR50077-08.00-A-C
8,01	16	64	100	8,0	6	SR50077-08.01-A-C
8,02	16	64	100	8,0	6	SR50077-08.02-A-C
8,03	16	64	100	8,0	6	SR50077-08.03-A-C
9,97	19	80	120	10,0	6	SR50077-09.97-A-C
9,98	19	80	120	10,0	6	SR50077-09.98-A-C
9,99	19	80	120	10,0	6	SR50077-09.99-A-C
10,00	19	80	120	10,0	6	SR50077-10.00-A-C
10,01	19	80	120	10,0	6	SR50077-10.01-A-C
10,02	19	80	120	10,0	6	SR50077-10.02-A-C
10,03	19	80	120	10,0	6	SR50077-10.03-A-C
11,97	19	75	120	12,0	6	SR50077-11.97-A-C
11,98	19	75	120	12,0	6	SR50077-11.98-A-C
11,99	19	75	120	12,0	6	SR50077-11.99-A-C
12,00	19	75	120	12,0	6	SR50077-12.00-A-C
12,01	19	75	120	12,0	6	SR50077-12.01-A-C
12,02	19	75	120	12,0	6	SR50077-12.02-A-C
12,03	19	75	120	12,0	6	SR50077-12.03-A-C



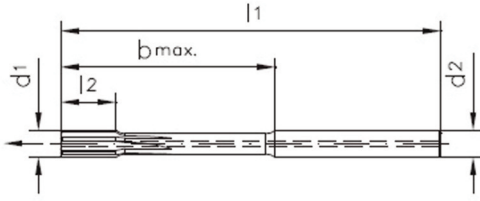
Top-Speed-Reibahle – spiralgenutet, Durchgangsloch Top-Speed-Reamer – spiral-fluted, through-hole



d1	l2	b max.	l1	d2	z	CODE
3,97	12	47	75	4,0	4	SR50078-03.97-B-S
3,98	12	47	75	4,0	4	SR50078-03.98-B-S
3,99	12	47	75	4,0	4	SR50078-03.99-B-S
4,00	12	47	75	4,0	4	SR50078-04.00-B-S
4,01	12	47	75	4,0	4	SR50078-04.01-B-S
4,02	12	47	75	4,0	4	SR50078-04.02-B-S
4,03	12	47	75	4,0	4	SR50078-04.03-B-S
4,97	12	39	75	6,0	4	SR50078-04.97-B-S
4,98	12	39	75	6,0	4	SR50078-04.98-B-S
4,99	12	39	75	6,0	4	SR50078-04.99-B-S
5,01	12	39	75	6,0	4	SR50078-05.01-B-S
5,02	12	39	75	6,0	4	SR50078-05.02-B-S
5,03	12	39	75	6,0	4	SR50078-05.03-B-S
5,97	16	39	75	6,0	4	SR50078-05.97-B-S
5,98	16	39	75	6,0	4	SR50078-05.98-B-S
5,99	16	39	75	6,0	4	SR50078-05.99-B-S
6,00	16	39	75	6,0	4	SR50078-06.00-B-S
6,01	16	39	75	6,0	4	SR50078-06.01-B-S
6,02	16	39	75	6,0	4	SR50078-06.02-B-S
6,03	16	39	75	6,0	4	SR50078-06.03-B-S
7,97	16	64	100	8,0	6	SR50078-07.97-B-S
7,98	16	64	100	8,0	6	SR50078-07.98-B-S
7,99	16	64	100	8,0	6	SR50078-07.99-B-S
8,00	16	64	100	8,0	6	SR50078-08.00-B-S
8,01	16	64	100	8,0	6	SR50078-08.01-B-S
8,02	16	64	100	8,0	6	SR50078-08.02-B-S
8,03	16	64	100	8,0	6	SR50078-08.03-B-S
9,97	19	80	120	10,0	6	SR50078-09.97-B-S
9,98	19	80	120	10,0	6	SR50078-09.98-B-S
9,99	19	80	120	10,0	6	SR50078-09.99-B-S
10,00	19	80	120	10,0	6	SR50078-10.00-B-S
10,01	19	80	120	10,0	6	SR50078-10.01-B-S
10,02	19	80	120	10,0	6	SR50078-10.02-B-S
10,03	19	80	120	10,0	6	SR50078-10.03-B-S
11,97	19	75	120	12,0	6	SR50078-11.97-B-S
11,98	19	75	120	12,0	6	SR50078-11.98-B-S
11,99	19	75	120	12,0	6	SR50078-11.99-B-S
12,00	19	75	120	12,0	6	SR50078-12.00-B-S
12,01	19	75	120	12,0	6	SR50078-12.01-B-S
12,02	19	75	120	12,0	6	SR50078-12.02-B-S
12,03	19	75	120	12,0	6	SR50078-12.03-B-S

Top-Speed-Reibahle – geradegenutet, Sackloch

Top-Speed-Reamer – straight-fluted, blind hole



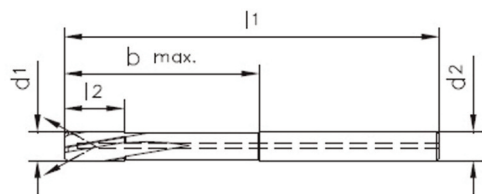
d1	l2	b max.	l1	d2	z	CODE
4,0	12	47	75	4,0	4	SR50079-04.00-A-C
4,5	12	39	75	6,0	4	SR50079-04.50-A-C
5,0	12	39	75	6,0	4	SR50079-05.00-A-C
6,0	16	39	75	6,0	4	SR50079-06.00-A-C
6,5	16	64	100	8,0	6	SR50079-06.50-A-C
7,0	16	64	100	8,0	6	SR50079-07.00-A-C
7,5	16	64	100	8,0	6	SR50079-07.50-A-C
8,0	16	64	100	8,0	6	SR50079-08.00-A-C
8,5	19	60	100	10,0	6	SR50079-08.50-A-C
9,0	19	60	100	10,0	6	SR50079-09.00-A-C
9,5	19	80	120	10,0	6	SR50079-09.50-A-C
10,0	19	80	120	10,0	6	SR50079-10.00-A-C
10,5	19	75	120	12,0	6	SR50079-10.50-A-C
11,0	19	75	120	12,0	6	SR50079-11.00-A-C
12,0	19	75	120	12,0	6	SR50079-12.00-A-C
13,0	19	75	120	14,0	6	SR50079-13.00-A-C
14,0	22	90	135	14,0	6	SR50079-14.00-A-C
15,0	22	87	135	16,0	6	SR50079-15.00-A-C
16,0	22	87	135	16,0	6	SR50079-16.00-A-C
17,0	22	97	145	18,0	8	SR50079-17.00-A-C
18,0	22	97	145	18,0	8	SR50079-18.00-A-C
19,0	22	95	145	20,0	8	SR50079-19.00-A-C
20,0	22	95	145	20,0	8	SR50079-20.00-A-C

Alle anderen Passungen oder Zwischenabmessungen auf Anfrage.
All other fits or intermediate sizes on demand.



Top-Speed-Reibahle – spiralgenutet, Durchgangsloch

Top-Speed-Reamer – spiral-fluted, through-hole



VHM
K10F



TiALN



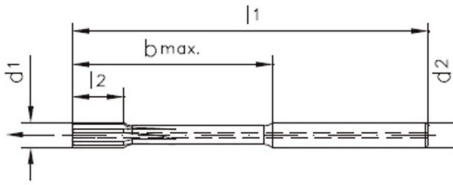
d1	l2	b max.	l1	d2	z	CODE
4,0	12	47	75	4,0	4	SR50080-04.00-B-S
4,5	12	39	75	6,0	4	SR50080-04.50-B-S
5,0	12	39	75	6,0	4	SR50080-05.00-B-S
6,0	16	39	75	6,0	4	SR50080-06.00-B-S
6,5	16	64	100	8,0	6	SR50080-06.50-B-S
7,0	16	64	100	8,0	6	SR50080-07.00-B-S
7,5	16	64	100	8,0	6	SR50080-07.50-B-S
8,0	16	64	100	8,0	6	SR50080-08.00-B-S
8,5	19	60	100	10,0	6	SR50080-08.50-B-S
9,0	19	60	100	10,0	6	SR50080-09.00-B-S
9,5	19	80	120	10,0	6	SR50080-09.50-B-S
10,0	19	80	120	10,0	6	SR50080-10.00-B-S
10,5	19	75	120	12,0	6	SR50080-10.50-B-S
11,0	19	75	120	12,0	6	SR50080-11.00-B-S
12,0	19	75	120	12,0	6	SR50080-12.00-B-S
13,0	19	75	120	14,0	6	SR50080-13.00-B-S
14,0	22	90	135	14,0	6	SR50080-14.00-B-S
15,0	22	87	135	16,0	6	SR50080-15.00-B-S
16,0	22	87	135	16,0	6	SR50080-16.00-B-S
17,0	22	97	145	18,0	8	SR50080-17.00-B-S
18,0	22	97	145	18,0	8	SR50080-18.00-B-S
19,0	22	95	145	20,0	8	SR50080-19.00-B-S
20,0	22	95	145	20,0	8	SR50080-20.00-B-S

Alle anderen Passungen oder Zwischenabmessungen auf Anfrage.

All other fits or intermediate sizes on demand.

Top-Speed-Reibahle – geradegenutet, Sackloch

Top-Speed-Reamer – straight-fluted, blind hole



d1	l2	b max.	l1	d2	z	CODE
4,0	12	47	75	4,0	4	SR50081-04.00-A-C
4,5	12	39	75	6,0	4	SR50081-04.50-A-C
5,0	12	39	75	6,0	4	SR50081-05.00-A-C
5,5	16	39	75	6,0	4	SR50081-05.50-A-C
6,0	16	39	75	6,0	4	SR50081-06.00-A-C
6,5	16	64	100	8,0	6	SR50081-06.50-A-C
7,0	16	64	100	8,0	6	SR50081-07.00-A-C
7,5	16	64	100	8,0	6	SR50081-07.50-A-C
8,0	16	64	100	8,0	6	SR50081-08.00-A-C
8,5	19	60	100	10,0	6	SR50081-08.50-A-C
9,0	19	60	100	10,0	6	SR50081-09.00-A-C
9,5	19	80	120	10,0	6	SR50081-09.50-A-C
10,0	19	80	120	10,0	6	SR50081-10.00-A-C
10,5	19	75	120	12,0	6	SR50081-10.50-A-C
11,0	19	75	120	12,0	6	SR50081-11.00-A-C
11,5	19	75	120	12,0	6	SR50081-11.50-A-C
12,0	19	75	120	12,0	6	SR50081-12.00-A-C
13,0	19	75	120	14,0	6	SR50081-13.00-A-C
14,0	22	90	135	14,0	6	SR50081-14.00-A-C
15,0	22	87	135	16,0	6	SR50081-15.00-A-C
16,0	22	87	135	16,0	6	SR50081-16.00-A-C
17,0	22	97	145	18,0	8	SR50081-17.00-A-C
18,0	22	97	145	18,0	8	SR50081-18.00-A-C
19,0	22	95	145	20,0	8	SR50081-19.00-A-C
20,0	22	95	145	20,0	8	SR50081-20.00-A-C

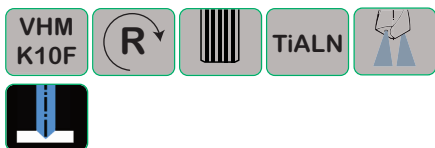
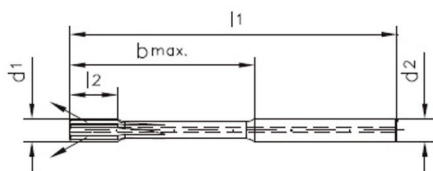
Alle anderen Passungen oder Zwischenabmessungen auf Anfrage.

All other fits or intermediate sizes on demand.



Top-Speed-Reibahle – geradegenutet, Durchgangsloch

Top-Speed-Reamer – straight-fluted, through-hole



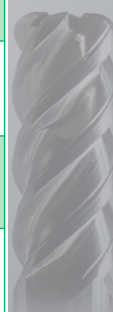
d1	l2	b max.	l1	d2	z	CODE
4,0	12	47	75	4,0	4	SR50082-04.00-A-S
4,5	12	39	75	6,0	4	SR50082-04.50-A-S
5,0	12	39	75	6,0	4	SR50082-05.00-A-S
6,0	16	39	75	6,0	4	SR50082-06.00-A-S
6,5	16	64	100	8,0	6	SR50082-06.50-A-S
7,0	16	64	100	8,0	6	SR50082-07.00-A-S
7,5	16	64	100	8,0	6	SR50082-07.50-A-S
8,0	16	64	100	8,0	6	SR50082-08.00-A-S
8,5	19	60	100	10,0	6	SR50082-08.50-A-S
9,0	19	60	100	10,0	6	SR50082-09.00-A-S
9,5	19	80	120	10,0	6	SR50082-09.50-A-S
10,0	19	80	120	10,0	6	SR50082-10.00-A-S
10,5	19	75	120	12,0	6	SR50082-10.50-A-S
11,0	19	75	120	12,0	6	SR50082-11.00-A-S
11,5	19	75	120	12,0	6	SR50082-11.50-A-S
12,0	19	75	120	12,0	6	SR50082-12.00-A-S
13,0	19	75	120	14,0	6	SR50082-13.00-A-S
14,0	22	90	135	14,0	6	SR50082-14.00-A-S
15,0	22	87	135	16,0	6	SR50082-15.00-A-S
16,0	22	87	135	16,0	6	SR50082-16.00-A-S
17,0	22	97	145	18,0	8	SR50082-17.00-A-S
18,0	22	97	145	18,0	8	SR50082-18.00-A-S
19,0	22	95	145	20,0	8	SR50082-19.00-A-S
20,0	22	95	145	20,0	8	SR50082-20.00-A-S

Alle anderen Passungen oder Zwischenabmessungen auf Anfrage.
All other fits or intermediate sizes on demand.

Einsatzrichtwerte für VHM Reibahlen

Estimated values for solid carbide reamers

Nr.	Werkzeuggruppe	Vc f _R a _R	HSS Reibahle	HSS Reibahle beschichtet	HM Reibahlen	HM Reibahlen beschichtet	CERMET Reibahlen	PKD/PKB Reibahlen
0	Kunststoff weich	Vc f _R a _R	12 – 14 1 2	–	20 – 30 2 2	–	–	–
1	Kunststoff hart	Vc f _R a _R	8 – 12 3 3	–	10 – 15 2 2	20 – 60 2 1	–	80 – 160 8 1
2	Automatenstahl <900 N/mm ²	Vc f _R a _R	10 – 15 4 2	10 – 15 4 2	15 – 20 4 2	20 – 30 4 2	40 – 75 4 2	–
3	Baustahl сталь <500 N/mm ²	Vc f _R a _R	12 – 18 3 3	14 – 20 3 3	20 – 25 3 2	25 – 40 4 2	50 – 80 4 2	–
4	Niedriglegierte Stähle	Vc f _R a _R	10 – 15 4 2	12 – 16 4 2	15 – 20 4 2	20 – 30 4 2	40 – 75 4 2	–
5	Vergütungsstähle 600 – 1300 N/mm ²	Vc f _R a _R	8 – 12 4 2	8 – 12 4 2	15 – 20 5 2	20 – 30 5 2	30 – 40 4 2	75 – 200 2 4
6	Werkzeugstahl <1300 N/mm ²	Vc f _R a _R	4 – 6 5 1	4 – 6 5 1	12 – 15 5 1	15 – 25 5 2	25 – 35 4 4	75 – 200 2 4
7	Hochfeste Stähle	Vc f _R a _R	–	–	8 – 12 6 1	10 – 15 6 1	15 – 25 4 4	80 – 150 4 4
8	Rostfreier Stahl	Vc f _R a _R	–	–	10 – 15 4 1	15 – 40 4 1	30 – 40 4 1	–
9	Rostfreier Stahl / Mo-haltig	Vc f _R a _R	–	–	8 – 12 4 1	12 – 30 4 1	25 – 35 4 1	–
10	Rostfreier Stahl Austenitisch	Vc f _R a _R	–	–	8 – 12 4 1	12 – 30 4 1	15 – 25 4 1	–
11	Guss niedrige Härte	Vc f _R a _R	10 – 14 1 2	10 – 14 1 2	15 – 18 1 2	30 – 120 3 1	60 – 120 3 1	90 – 180 8 4
12	Guss niedrige legiert	Vc f _R a _R	8 – 12 3 2	8 – 12 3 2	12 – 15 3 2	30 – 120 3 1	60 – 120 3 1	90 – 180 8 4
13	Legierter Guss mittlere Härte	Vc f _R a _R	4 – 6 5 2	4 – 6 5 2	8 – 12 5 2	20 – 80 3 1	30 – 80 3 1	90 – 180 8 4
14	Hochlegierter Guss	Vc f _R a _R	–	–	6 – 10 5 2	15 – 30 5 2	20 – 40 5 2	90 – 180 8 4
15	Al, Mg, Zn <500 N/mm ²	Vc f _R a _R	14 – 20 3 3	–	30 – 60 3 3	–	100 – 200 3 3	100 – 300 8 1
16	Al, Cu, Bronze <1200 N/mm ²	Vc f _R a _R	–	–	25 – 40 3 3	–	50 – 150 3 3	100 – 300 8 1
17	Inconel, Monel <30 HRC	Vc f _R a _R	6 – 8 4 2	–	8 – 12 4 2	15 – 18 4 2	15 – 18 4 2	–
18	Inconel, Monel >30 HRC	Vc f _R a _R	4 – 6 4 2	–	5 – 8 4 2	10 – 15 4 2	10 – 15 4 2	–
19	Ti, Ti-Legierungen <1200 N/mm ²	Vc f _R a _R	4 – 6 5 1	–	8 – 12 3 1	15 – 30 3 1	–	–



Einsatzrichtwerte für Top-Speed-Reibahlen mit Kühlmittelzufuhr Estimated values for Top-Speed-Reamers with coolant supply

Nr.	Werkstoffgruppe	Vc f _R a _R	VHM SR50074 o. Beschichtung	VHM SR50074 VHM SR70077 +78 TiAlN	VHM SR50079-80 TiAlN	VHM SR50081+ 82 TiAlN	VollCermet SR50083+84 o. Beschichtung
0	Kunststoff weich	Vc f _R a _R	20 – 70 3 2	–	–	–	–
1	Kunststoff hart	Vc f _R a _R	20 – 45 3 2	70 – 180 9 3	–	–	–
2	Automatenstahl <900 N/mm ²	Vc f _R a _R	15 – 30 4 3	80 – 225 9 2	–	–	80 – 120 10 3
3	Baustahl <500 N/mm ²	Vc f _R a _R	20 – 35 3 2	80 – 225 9 3	–	–	90 – 210 10 3
4	Niedriglegierte Stähle	Vc f _R a _R	20 – 35 3 2	80 – 225 9 3	–	–	100 – 160 10 3
5	Vergütungsstähle 600 – 1300 N/mm ²	Vc f _R a _R	4 3 3	80 – 225 9 3	–	–	90 – 170 10 3
6	Werkzeugstahl <1300 N/mm ²	Vc f _R a _R	4 3 3	60 – 180 9 3	–	–	80 – 160 10 3
7	Hochfeste Stähle	Vc f _R a _R	15 – 20 4 3	60 – 180 9 3	–	–	80 – 160 10 3
8	Rostfreier Stahl	Vc f _R a _R	–	–	20 – 55 4 4	–	–
9	Rostfreier Stahl Mo-haltig	Vc f _R a _R	–	–	20 – 45 4 4	–	–
10	Rostfreier Stahl Austenitisch	Vc f _R a _R	–	–	20 – 35 4 4	–	–
11	Guss niedriger Härte	Vc f _R a _R	20 – 45 4 3	70 – 150 9 3	–	–	–
12	Guss niedrig Legierung	Vc f _R a _R	20 – 45 4 3	70 – 150 9 3	–	–	–
13	Legierter Guss mittlerer Härte	Vc f _R a _R	15 – 30 4 3	60 – 115 9 3	–	–	–
14	Hochlegierter Guss	Vc f _R a _R	10 – 25 4 3	60 – 100 9 3	–	–	–
15	Al, Mg, Zn <500 N/mm ²	Vc f _R a _R	30 – 60 4 4	–	–	–	–
16	Al, Cu, Bronze <1200 N/mm ²	Vc f _R a _R	20 – 45 4 4	–	–	–	–
17	Inconel, Monel <30 HRC	Vc f _R a _R	4 3 3	–	–	–	–
18	Inconel, Monel >30 HRC	Vc f _R a _R	10 – 15 4 3	–	–	–	–
19	Ti, Ti-Legierungen <1200 N/mm ²	Vc f _R a _R	10 – 35 7 4	–	–	–	–
20	Gehärtete Stähle <65 HRC	Vc f _R a _R	–	–	–	8 – 12 7 4	–

Einsatzrichtwerte für VHM Reibahlen

Estimated values for solid carbide reamers

Vorschubreihe	Vorschub f (mm/U) bei Bohrungsdurchmesser (mm)								
f	<5	5	8	10	15	20	30	40	50
1	0,20	0,20	0,25	0,30	0,35	0,40	0,50	0,60	0,70
2	0,30	0,30	0,35	0,35	0,40	0,45	0,55	0,60	0,70
3	0,15	0,20	0,25	0,25	0,30	0,35	0,45	0,50	0,60
4	0,10	0,15	0,20	0,20	0,25	0,30	0,40	0,45	0,50
5	0,08	0,10	0,12	0,15	0,20	0,25	0,30	0,35	0,40
6	0,08	0,10	0,12	0,15	0,18	0,20	0,25	0,30	0,35
7	0,05	0,06	0,08	0,12	0,15	0,18	0,30	0,32	0,35
8	–	–	0,30	0,40	0,60	0,80	1,20	–	–
9	0,30	0,40	0,70	0,80	0,80	1,80	2,00	2,20	2,50
10	0,08	0,15	0,35	0,50	0,80	1,00	1,20	1,40	1,50

Aufmaßreihe	Aufmaß a (mm) in Bohrung bei Bohrungsdurchmesser (mm)								
a _R	<5	5	8	10	15	20	30	40	50
1	0,10	0,10	0,15	0,20	0,25	0,25	0,30	0,30	0,40
2	0,15	0,15	0,20	0,25	0,25	0,30	0,35	0,40	0,45
3	0,15	0,20	0,25	0,25	0,30	0,35	0,40	0,45	0,50
4	0,08	0,10	0,12	0,15	0,20	0,25	0,25	0,30	0,35

