

VHM BOHRER



Solid Carbide DRILLS



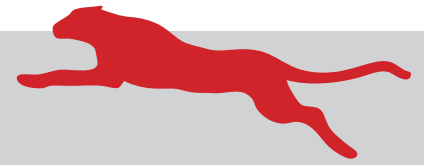
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Unlimited innovations

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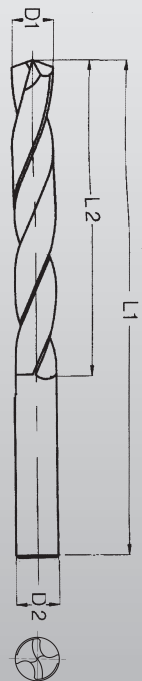
VHM-Bohrer / Solid carbide drills

VHM-Spiralbohrer - extra kurz, DIN 6539 Art.-Nr. 303...



Solid carbide drill - extra short

beschichtet / coated



Schaftdurchmesser =
Schneidendurchmesser

Shank Ø = Drill Ø

Ø d1 Schneiden- durchm.	l1 Gesamt- länge	l2 Schneiden- länge	Artikel- nummer
Drill diameter	Overall Length	Length of cut	Article No.
3,0	46	16	303.030.00
3,1	49	18	303.031.00
3,2	49	18	303.032.00
3,3	49	18	303.033.00
3,4	52	20	303.034.00
3,5	52	20	303.035.00
3,6	52	20	303.036.00
3,7	52	20	303.037.00
3,8	55	22	303.038.00
3,9	55	22	303.039.00
4,0	55	22	303.040.00
4,1	55	22	303.041.00
4,2	55	22	303.042.00
4,3	58	24	303.043.00
4,4	58	24	303.044.00
4,5	58	24	303.045.00
4,6	58	24	303.046.00
4,7	58	24	303.047.00
4,8	62	26	303.048.00
4,9	62	26	303.049.00
5,0	62	26	303.050.00
5,1	62	26	303.051.00
5,2	62	26	303.052.00
5,3	62	26	303.053.00
5,4	66	28	303.054.00
5,5	66	28	303.055.00
5,6	66	28	303.056.00
5,7	66	28	303.057.00
5,8	66	28	303.058.00
5,9	66	28	303.059.00
6,0	66	28	303.060.00
6,1	70	31	303.061.00
6,2	70	31	303.062.00
6,3	70	31	303.063.00
6,4	70	31	303.064.00
6,5	70	31	303.065.00
6,6	70	31	303.066.00
6,7	70	31	303.067.00
6,8	74	34	303.068.00
6,9	74	34	303.069.00
7,0	74	34	303.070.00
7,1	74	34	303.071.00
7,2	74	34	303.072.00
7,3	74	34	303.073.00
7,4	74	34	303.074.00
7,5	74	34	303.075.00

Ø d1 Schneiden- durchm.	l1 Gesamt- länge	l2 Schneiden- länge	Artikel- nummer
Drill diameter	Overall Length	Length of cut	Article No.
7,6	79	37	303.076.00
7,7	79	37	303.077.00
7,8	79	37	303.078.00
7,9	79	37	303.079.00
8,0	79	37	303.080.00
8,1	79	37	303.081.00
8,2	79	37	303.082.00
8,3	79	37	303.083.00
8,4	79	37	303.084.00
8,5	79	37	303.085.00
8,6	84	40	303.086.00
8,7	84	40	303.087.00
8,8	84	40	303.088.00
8,9	84	40	303.089.00
9,0	84	40	303.090.00
9,1	84	40	303.091.00
9,2	84	40	303.092.00
9,3	84	40	303.093.00
9,4	84	40	303.094.00
9,5	84	40	303.095.00
9,6	89	43	303.096.00
9,7	89	43	303.097.00
9,8	89	43	303.098.00
9,9	89	43	303.099.00
10,0	89	43	303.100.00
10,2	89	43	303.102.00
10,3	89	43	303.103.00
10,5	89	43	303.105.00
11,0	95	47	303.110.00
11,5	95	47	303.115.00
11,8	95	47	303.118.00
12,0	102	51	303.120.00
13,0	102	51	303.130.00
13,5	107	54	303.135.00
14,0	107	54	303.140.00
14,5	111	56	303.145.00
15,0	111	56	303.150.00
15,5	115	58	303.155.00
16,0	115	58	303.160.00
16,5	119	60	303.165.00
17,0	119	60	303.170.00
17,5	123	62	303.175.00
18,0	123	62	303.180.00
18,5	127	64	303.185.00
19,0	127	64	303.190.00
19,5	131	66	303.195.00
20,0	131	66	303.200.00



VHM-Bohrer / Solid carbide drills

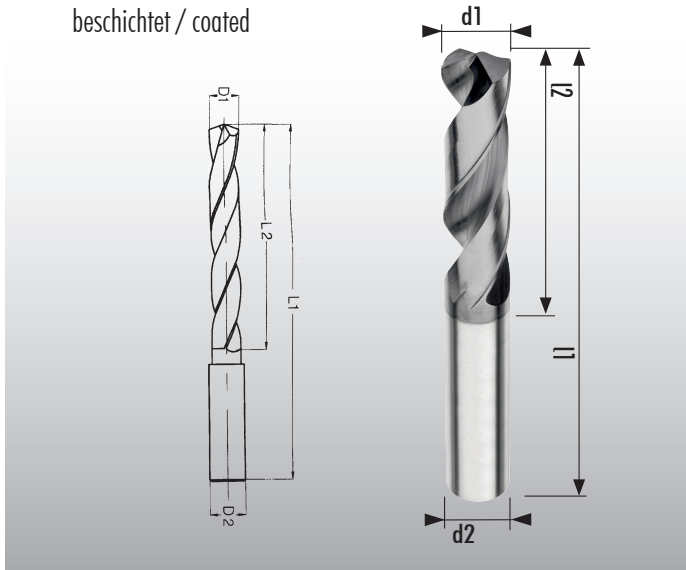
VHM-Spiralbohrer 3xD

Art.-Nr. 503...

Art.-Nr. 703...

Solid carbide drill 3xD

beschichtet / coated



Ø d1 Schneiden- durchm.	Ø d2 Schaft- durchm.	l1 Gesamt- länge	l2 Schneiden- länge	NL
<i>Drill diameter</i>	<i>Shank diameter</i>	<i>Overall Length</i>	<i>Length of cut</i>	<i>NL</i>
3,00	6	62	20	14
3,10	6	62	20	14
3,20	6	62	20	14
3,30	6	62	20	14
3,40	6	62	20	14
3,50	6	62	20	14
3,60	6	62	20	14
3,70	6	62	20	14
3,80	6	66	24	17
3,90	6	66	24	17
4,00	6	66	24	17
4,10	6	66	24	17
4,20	6	66	24	17
4,30	6	66	24	17
4,40	6	66	24	17
4,50	6	66	24	17
4,60	6	66	24	17
4,70	6	66	24	17
4,80	6	66	28	20
4,90	6	66	28	20
5,00	6	66	28	20
5,10	6	66	28	20
5,20	6	66	28	20
5,30	6	66	28	20
5,40	6	66	28	20
5,50	6	66	28	20
5,60	6	66	28	20
5,70	6	66	28	20
5,80	6	66	28	20

Artikel-
nummer

*Article
No.*

503.030.00
503.031.00
503.032.00
503.033.00
503.034.00
503.035.00
503.036.00
503.037.00
503.038.00
503.039.00
503.040.00
503.041.00
503.042.00
503.043.00
503.044.00
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503.046.00
503.047.00
503.048.00
503.049.00
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503.051.00
503.052.00
503.053.00
503.054.00
503.055.00
503.056.00
503.057.00
503.058.00

Artikel-
nummer

*Article
No.*

703.030
703.031
703.032
703.033
703.034
703.035
703.036
703.037
703.038
703.039
703.040
703.041
703.042
703.043
703.044
703.045
703.046
703.047
703.048
703.049
703.050
703.051
703.052
703.053
703.054
703.055
703.056
703.057
703.058

Fortsetzung nächste Seite / to be continued



VHM-Bohrer / Solid carbide drills

VHM-Spiralbohrer 3xD

Art.-Nr. 503...

Art.-Nr. 703...

Solid carbide drill 3xD

beschichtet / coated

Ø d1 Schneiden- durchm.	Ø d2 Schaft- durchm.	l1 Gesamt- länge	l2 Schneiden- länge	NL	Artikel- nummer	Artikel- nummer
<i>Drill diameter</i>	<i>Shank diameter</i>	<i>Overall Length</i>	<i>Length of cut</i>	<i>NL</i>	<i>Article No.</i>	<i>Article No.</i>
5,90	6	66	28	20	503.059.00	703.059
6,00	6	66	28	20	503.060.00	703.060
6,10	8	79	34	24	503.061.00	703.061
6,20	8	79	34	24	503.062.00	703.062
6,30	8	79	34	24	503.063.00	703.063
6,40	8	79	34	24	503.064.00	703.064
6,50	8	79	34	24	503.065.00	703.065
6,60	8	79	34	24	503.066.00	703.066
6,70	8	79	34	24	503.067.00	703.067
6,80	8	79	34	24	503.068.00	703.068
6,90	8	79	34	24	503.069.00	703.069
7,00	8	79	34	24	503.070.00	703.070
7,10	8	79	41	29	503.071.00	703.071
7,20	8	79	41	29	503.072.00	703.072
7,30	8	79	41	29	503.073.00	703.073
7,40	8	79	41	29	503.074.00	703.074
7,50	8	79	41	29	503.075.00	703.075
7,60	8	79	41	29	503.076.00	703.076
7,70	8	79	41	29	503.077.00	703.077
7,80	8	79	41	29	503.078.00	703.078
7,90	8	79	41	29	503.079.00	703.079
8,00	8	79	41	29	503.080.00	703.080
8,10	10	89	47	35	503.081.00	703.081
8,20	10	89	47	35	503.082.00	703.082
8,30	10	89	47	35	503.083.00	703.083
8,40	10	89	47	35	503.084.00	703.084
8,50	10	89	47	35	503.085.00	703.085
8,60	10	89	47	35	503.086.00	703.086
8,70	10	89	47	35	503.087.00	703.087
8,80	10	89	47	35	503.088.00	703.088
8,90	10	89	47	35	503.089.00	703.089
9,00	10	89	47	35	503.090.00	703.090
9,10	10	89	47	35	503.091.00	703.091
9,20	10	89	47	35	503.092.00	703.092
9,30	10	89	47	35	503.093.00	703.093
9,40	10	89	47	35	503.094.00	703.094
9,50	10	89	47	35	503.095.00	703.095
9,60	10	89	47	35	503.096.00	703.096
9,70	10	89	47	35	503.097.00	703.097
9,80	10	89	47	35	503.098.00	703.098
9,90	10	89	47	35	503.099.00	703.099
10,00	10	89	47	35	503.100.00	703.100
10,10	12	102	55	40	503.101.00	703.101



VHM-Bohrer / Solid carbide drills

VHM-Spiralbohrer 3xD

Art.-Nr. 503...

Art.-Nr. 703...

Solid carbide drill 3xD

beschichtet / coated

Ø d1 Schneiden- durchm.	Ø d2 Schaft- durchm.	l1 Gesamt- länge	l2 Schneiden- länge	NL	Artikel- nummer	Artikel- nummer
<i>Drill diameter</i>	<i>Shank diameter</i>	<i>Overall Length</i>	<i>Length of cut</i>	<i>NL</i>	<i>Article No.</i>	<i>Article No.</i>
10,20	12	102	55	40	503.102.00	703.102
10,30	12	102	55	40	503.103.00	703.103
10,40	12	102	55	40	503.104.00	703.104
10,50	12	102	55	40	503.105.00	703.105
10,60	12	102	55	40	503.106.00	703.106
10,70	12	102	55	40	503.107.00	703.107
10,80	12	102	55	40	503.108.00	703.108
10,90	12	102	55	40	503.109.00	703.109
11,00	12	102	55	40	503.110.00	703.110
11,10	12	102	55	40	503.111.00	703.111
11,20	12	102	55	40	503.112.00	703.112
11,30	12	102	55	40	503.113.00	703.113
11,40	12	102	55	40	503.114.00	703.114
11,50	12	102	55	40	503.115.00	703.115
11,60	12	102	55	40	503.116.00	703.116
11,70	12	102	55	40	503.117.00	703.117
11,80	12	102	55	40	503.118.00	703.118
11,90	12	102	55	40	503.119.00	703.119
12,00	12	102	55	40	503.120.00	703.120
12,30	14	107	60	43	503.123.00	
12,50	14	107	60	43	503.125.00	703.125
12,80	14	107	60	43	503.128.00	
13,00	14	107	60	43	503.130.00	703.130
13,50	14	107	60	43	503.135.00	703.135
13,80	14	107	60	43	503.138.00	
14,00	14	107	60	43	503.140.00	703.140
14,50	16	115	65	45	503.145.00	703.145
14,80	16	115	65	45	503.148.00	
15,00	16	115	65	45	503.150.00	703.150
15,50	16	115	65	45	503.155.00	703.155
15,80	16	115	65	45	503.158.00	
16,00	16	115	65	45	503.160.00	703.160
16,50	18	123	73	51	503.165.00	703.165
16,80	18	123	73	51	503.168.00	
17,00	18	123	73	51	503.170.00	703.170
17,50	18	123	73	51	503.175.00	703.175
17,80	18	123	73	51	503.178.00	
18,00	18	123	73	51	503.180.00	703.180
18,50	20	131	79	55	503.185.00	703.185
19,00	20	131	79	55	503.190.00	703.190
19,50	20	131	79	55	503.195.00	703.195
19,80	20	131	79	55	503.198.00	
20,00	20	131	79	55	503.200.00	703.200



VHM-Bohrer / Solid carbide drills

VHM-Spiralbohrer 5xD

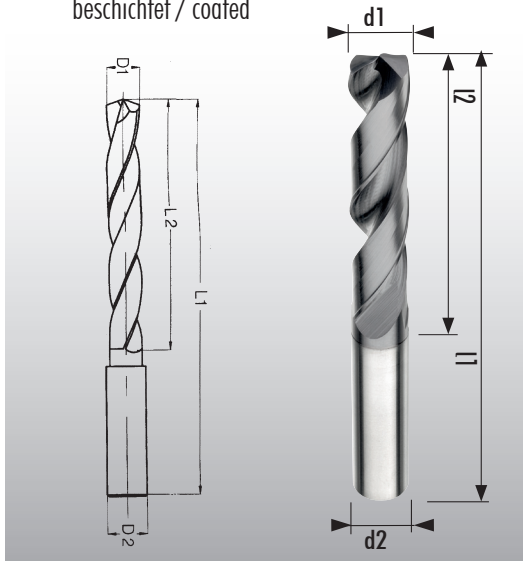
Art.-Nr. 505...

Art.-Nr. 705...

Art.-Nr. 704...

Solid carbide drill 5xD

beschichtet / coated



TIALN



Universal

TIALN



Universal

TIALN



INOX

Ø d1 Schneid- durchm.	Ø d2 Schaft- durchm.	l1 Gesamt- länge	l2 Schneid- länge	NL
<i>Drill diameter</i>	<i>Shank diameter</i>	<i>Overall Length</i>	<i>Length of cut</i>	<i>NL</i>
0,50	3	50	10	
0,60	3	50	10	
0,70	3	50	10	
0,80	3	50	10	
0,90	3	50	10	
1,00	3	55	10	6,5
1,10	3	55	12	9,5
1,20	3	55	12	9,5
1,30	3	55	12	9,5
1,40	3	55	12	9,5
1,50	3	55	12	9,5
1,60	3	55	16	13,0
1,70	3	55	16	13,0
1,80	3	55	16	13,0
1,90	3	55	16	13,0
2,00	3	57	16	13,0
2,10	3	57	21	16,0
2,20	3	57	21	16,0
2,30	3	57	21	16,0
2,40	3	57	21	16,0
2,50	3	57	21	16,0
2,60	3	57	21	18,5
2,70	3	57	21	18,5
2,80	3	57	21	18,5
2,90	3	57	21	18,5
3,00	6	66	28	23,0
3,10	6	66	28	23,0
3,20	6	66	28	23,0

Artikel-
nummer

*Article
No.*

505.005
505.006
505.007
505.008
505.009
505.010
505.011
505.012
505.013
505.014
505.015
505.016
505.017
505.018
505.019
505.020
505.021
505.022
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505.025
505.026
505.027
505.028
505.029
505.030
505.031
505.032

Artikel-
nummer

*Article
No.*

705.010
705.011
705.012
705.013
705.014
705.015
705.016
705.017
705.018
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705.021
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705.032

Artikel-
nummer

*Article
No.*

704.010.00
704.011.00
704.012.00
704.013.00
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704.015.00
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704.032.00



VHM-Bohrer / Solid carbide drills

VHM-Spiralbohrer 5xD

Art.-Nr. 505...

Art.-Nr. 705...

Art.-Nr. 704...

Solid carbide drill 5xD

beschichtet / coated

Ø d1 Schneiden- durchm.	Ø d2 Schaft- durchm.	l1 Gesamt- länge	l2 Schneiden- länge	NL	Artikel- nummer	Artikel- nummer	Artikel- nummer
<i>Drill diameter</i>	<i>Shank diameter</i>	<i>Overall Length</i>	<i>Length of cut</i>	<i>NL</i>	<i>Article No.</i>	<i>Article No.</i>	<i>Article No.</i>
3,30	6	66	28	23,0	505.033	705.033	704.033.00
3,40	6	66	28	23,0	505.034	705.034	704.034.00
3,50	6	66	28	23,0	505.035	705.035	704.035.00
3,60	6	66	28	23,0	505.036	705.036	704.036.00
3,70	6	66	28	23,0	505.037	705.037	704.037.00
3,80	6	74	36	29,0	505.038	705.038	704.038.00
3,90	6	74	36	29,0	505.039	705.039	704.039.00
4,00	6	74	36	29,0	505.040	705.040	704.040.00
4,10	6	74	36	29,0	505.041	705.041	704.041.00
4,20	6	74	36	29,0	505.042	705.042	704.042.00
4,30	6	74	36	29,0	505.043	705.043	704.043.00
4,40	6	74	36	29,0	505.044	705.044	704.044.00
4,50	6	74	36	29,0	505.045	705.045	704.045.00
4,60	6	74	36	29,0	505.046	705.046	704.046.00
4,65	6	74	36	29,0	505.465	705.465	704.465.00
4,70	6	74	36	29,0	505.047	705.047	704.047.00
4,80	6	82	44	35,0	505.048	705.048	704.048.00
4,90	6	82	44	35,0	505.049	705.049	704.049.00
5,00	6	82	44	35,0	505.050	705.050	704.050.00
5,10	6	82	44	35,0	505.051	705.051	704.051.00
5,20	6	82	44	35,0	505.052	705.052	704.052.00
5,30	6	82	44	35,0	505.053	705.053	704.053.00
5,40	6	82	44	35,0	505.054	705.054	704.054.00
5,50	6	82	44	35,0	505.055	705.055	704.055.00
5,55	6	82	44	35,0	505.555	705.555	704.555.00
5,60	6	82	44	35,0	505.056	705.056	704.056.00
5,70	6	82	44	35,0	505.057	705.057	704.057.00
5,80	6	82	44	35,0	505.058	705.058	704.058.00
5,90	6	82	44	35,0	505.059	705.059	704.059.00
6,00	6	82	44	35,0	505.060	705.060	704.060.00
6,10	8	91	53	43,0	505.061	705.061	704.061.00
6,20	8	91	53	43,0	505.062	705.062	704.062.00
6,30	8	91	53	43,0	505.063	705.063	704.063.00
6,40	8	91	53	43,0	505.064	705.064	704.064.00
6,50	8	91	53	43,0	505.065	705.065	704.065.00
6,60	8	91	53	43,0	505.066	705.066	704.066.00
6,70	8	91	53	43,0	505.067	705.067	704.067.00
6,80	8	91	53	43,0	505.068	705.068	704.068.00
6,90	8	91	53	43,0	505.069	705.069	704.069.00
7,00	8	91	53	43,0	505.070	705.070	704.070.00
7,10	8	91	53	43,0	505.071	705.071	704.071.00
7,20	8	91	53	43,0	505.072	705.072	704.072.00
7,30	8	91	53	43,0	505.073	705.073	704.073.00

Fortsetzung nächste Seite / to be continued



VHM-Bohrer / Solid carbide drills

VHM-Spiralbohrer 5xD

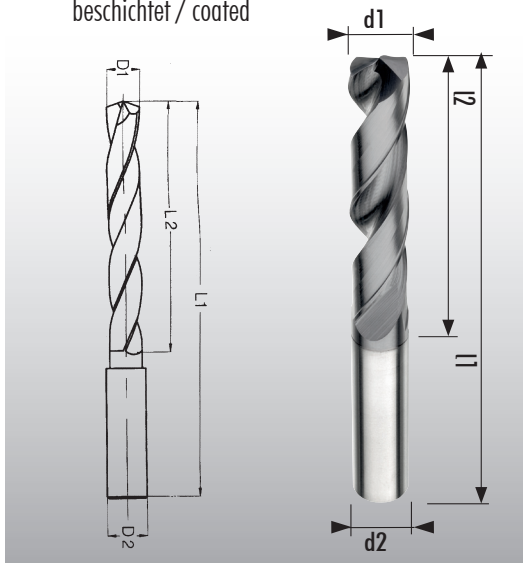
Art.-Nr. 505...

Art.-Nr. 705...

Art.-Nr. 704...

Solid carbide drill 5xD

beschichtet / coated



TIALN



Universal

TIALN



Universal

TIALN



INOX

Ø d1 Schneiden- durchm.	Ø d2 Schaft- durchm.	l1 Gesamt- länge	l2 Schneiden- länge	NL
<i>Drill diameter</i>	<i>Shank diameter</i>	<i>Overall Length</i>	<i>Length of cut</i>	<i>NL</i>
7,40	8	91	53	43,0
7,50	8	91	53	43,0
7,60	8	91	53	43,0
7,70	8	91	53	43,0
7,80	8	91	53	43,0
7,90	8	91	53	43,0
8,00	8	91	53	43,0
8,10	10	103	61	49,0
8,20	10	103	61	49,0
8,30	10	103	61	49,0
8,40	10	103	61	49,0
8,50	10	103	61	49,0
8,60	10	103	61	49,0
8,70	10	103	61	49,0
8,80	10	103	61	49,0
8,90	10	103	61	49,0
9,00	10	103	61	49,0
9,10	10	103	61	49,0
9,20	10	103	61	49,0
9,30	10	103	61	49,0
9,40	10	103	61	49,0
9,50	10	103	61	49,0
9,60	10	103	61	49,0
9,70	10	103	61	49,0
9,80	10	103	61	49,0
9,90	10	103	61	49,0
10,00	10	103	61	49,0
10,10	12	118	71	56,0

Artikel-
nummer

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Artikel-
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VHM-Bohrer / Solid carbide drills

VHM-Spiralbohrer 5xD

Art.-Nr. 505...

Art.-Nr. 705...

Art.-Nr. 704...

Solid carbide drill 5xD

beschichtet / coated

Ø d1 Schneiden- durchm.	Ø d2 Schaft- durchm.	l1 Gesamt- länge	l2 Schneiden- länge	NL	Artikel- nummer	Artikel- nummer	Artikel- nummer
<i>Drill diameter</i>	<i>Shank diameter</i>	<i>Overall Length</i>	<i>Length of cut</i>	<i>NL</i>	<i>Article No.</i>	<i>Article No.</i>	<i>Article No.</i>
10,20	12	118	71	56,0	505.102	705.102	704.102.00
10,30	12	118	71	56,0	505.103	705.103	704.103.00
10,40	12	118	71	56,0	505.104	705.104	704.104.00
10,50	12	118	71	56,0	505.105	705.105	704.105.00
10,60	12	118	71	56,0	505.106	705.106	704.106.00
10,70	12	118	71	56,0	505.107	705.107	704.107.00
10,80	12	118	71	56,0	505.108	705.108	704.108.00
10,90	12	118	71	56,0	505.109	705.109	704.109.00
11,00	12	118	71	56,0	505.110	705.110	704.110.00
11,10	12	118	71	56,0	505.111	705.111	704.111.00
11,20	12	118	71	56,0	505.112	705.112	704.112.00
11,30	12	118	71	56,0	505.113	705.113	704.113.00
11,40	12	118	71	56,0	505.114	705.114	704.114.00
11,50	12	118	71	56,0	505.115	705.115	704.115.00
11,60	12	118	71	56,0	505.116	705.116	704.116.00
11,70	12	118	71	56,0	505.117	705.117	704.117.00
11,80	12	118	71	56,0	505.118	705.118	704.118.00
11,90	12	118	71	56,0	505.119	705.119	704.119.00
12,00	12	118	71	56,0	505.120	705.120	704.120.00
12,20	14	124	77	60,0	505.122	705.122	704.122.00
12,30	14	124	77	60,0	505.123	705.123	704.123.00
12,50	14	124	77	60,0	505.125	705.125	704.125.00
12,80	14	124	77	60,0	505.128	705.128	704.128.00
13,00	14	124	77	60,0	505.130	705.130	704.130.00
13,50	14	124	77	60,0	505.135	705.135	704.135.00
13,80	14	124	77	60,0	505.138	705.138	704.138.00
14,00	14	124	77	60,0	505.140	705.140	704.140.00
14,50	16	133	83	63,0	505.145	705.145	704.145.00
14,80	16	133	83	63,0	505.148	705.148	704.148.00
15,00	16	133	83	63,0	505.150	705.150	704.150.00
15,50	16	133	83	63,0	505.155	705.155	704.155.00
15,80	16	133	83	63,0	505.158	705.158	704.158.00
16,00	16	133	83	63,0	505.160	705.160	704.160.00
16,50	18	143	93	71,0	505.165	705.165	704.165.00
16,80	18	143	93	71,0	505.168	705.168	704.168.00
17,00	18	143	93	71,0	505.170	705.170	704.170.00
17,50	18	143	93	71,0	505.175	705.175	704.175.00
17,80	18	143	93	71,0	505.178	705.178	704.178.00
18,00	18	143	93	71,0	505.180	705.180	704.180.00
18,50	20	153	101	77,0	505.185	705.185	704.185.00
19,00	20	153	101	77,0	505.190	705.190	704.190.00
19,50	20	153	101	77,0	505.195	705.195	704.195.00
20,00	20	153	101	77,0	505.200	705.200	704.200.00



VHM-Bohrer / Solid carbide drills

VHM-Spiralbohrer 8xD

Art.-Nr. 708...



Solid carbide drill 8xD

beschichtet / coated



Ø d1 Schneiden- durchm.	Ø d2 Schaft- durchm.	l1 Gesamt- länge	l2 Schneiden- länge	NL	Artikel- nummer
<i>Drill diameter</i>	<i>Shank diameter</i>	<i>Overall Length</i>	<i>Length of cut</i>	<i>NL</i>	<i>Article No.</i>
1,0	3	55	11	9,0	708.010
1,1	3	55	17	13,5	708.011
1,2	3	55	17	13,5	708.012
1,3	3	55	17	13,5	708.013
1,4	3	55	17	13,5	708.014
1,5	3	55	17	13,5	708.015
1,6	3	65	22	17,5	708.016
1,7	3	65	22	17,5	708.017
1,8	3	65	22	17,5	708.018
1,9	3	65	22	17,5	708.019
2,0	3	65	22	17,5	708.020
2,1	3	74	28	22,5	708.021
2,2	3	74	28	22,5	708.022
2,3	3	74	28	22,5	708.023
2,4	3	74	28	22,5	708.024
2,5	3	74	28	22,5	708.025
2,6	3	81	32	22,5	708.026
2,7	3	81	32	22,5	708.027
2,8	3	81	32	22,5	708.028
2,9	3	81	32	22,5	708.029
3,0	6	72	34	27,0	708.030
3,1	6	72	34	27,0	708.031
3,2	6	72	34	27,0	708.032
3,3	6	72	34	27,0	708.033
3,4	6	72	34	27,0	708.034
3,5	6	72	34	27,0	708.035
3,6	6	72	34	27,0	708.036
3,7	6	72	34	27,0	708.037
3,8	6	81	43	35,0	708.038
3,9	6	81	43	35,0	708.039
4,0	6	81	43	35,0	708.040
4,1	6	81	43	35,0	708.041
4,2	6	81	43	35,0	708.042
4,3	6	81	43	35,0	708.043
4,4	6	81	43	35,0	708.044
4,5	6	81	43	35,0	708.045
4,6	6	81	43	35,0	708.046
4,7	6	95	57	35,0	708.047
4,8	6	95	57	45,0	708.048
4,9	6	95	57	45,0	708.049
5,0	6	95	57	45,0	708.050
5,1	6	95	57	45,0	708.051
5,2	6	95	57	45,0	708.052



VHM-Bohrer / Solid carbide drills

VHM-Spiralbohrer 8xD

Art.-Nr. 708...



Solid carbide drill 8xD

beschichtet / coated



Ø d1 Schneiden- durchm.	Ø d2 Schaft- durchm.	l1 Gesamt- länge	l2 Schneiden- länge	NL	Artikel- nummer
<i>Drill diameter</i>	<i>Shank diameter</i>	<i>Overall Length</i>	<i>Length of cut</i>	<i>NL</i>	<i>Article No.</i>
5,3	6	95	57	45,0	708.053
5,4	6	95	57	45,0	708.054
5,5	6	95	57	45,0	708.055
5,6	6	95	57	45,0	708.056
5,7	6	95	57	45,0	708.057
5,8	6	95	57	45,0	708.058
5,9	6	95	57	45,0	708.059
6,0	8	114	57	45,0	708.060
6,1	8	114	76	52,0	708.061
6,2	8	114	76	52,0	708.062
6,3	8	114	76	52,0	708.063
6,4	8	114	76	52,0	708.064
6,5	8	114	76	52,0	708.065
6,6	8	114	76	52,0	708.066
6,7	8	114	76	52,0	708.067
6,8	8	114	76	52,0	708.068
6,9	8	114	76	52,0	708.069
7,0	8	114	76	60,0	708.070
7,1	8	114	76	60,0	708.071
7,2	8	114	76	60,0	708.072
7,3	8	114	76	60,0	708.073
7,4	8	114	76	60,0	708.074
7,5	8	114	76	60,0	708.075
7,6	8	114	76	60,0	708.076
7,7	8	114	76	60,0	708.077
7,8	8	114	76	60,0	708.078
7,9	8	114	76	60,0	708.079
8,0	8	114	76	60,0	708.080
8,1	10	142	95	68,0	708.081
8,2	10	142	95	68,0	708.082
8,3	10	142	95	68,0	708.083
8,4	10	142	95	68,0	708.084
8,5	10	142	95	68,0	708.085
8,6	10	142	95	68,0	708.086
8,7	10	142	95	68,0	708.087
8,8	10	142	95	68,0	708.088
8,9	10	142	95	68,0	708.089
9,0	10	142	95	68,0	708.090
9,1	10	142	95	76,0	708.091
9,2	10	142	95	76,0	708.092
9,3	10	142	95	76,0	708.093
9,4	10	142	95	76,0	708.094
9,5	10	142	95	76,0	708.095

Fortsetzung nächste Seite / to be continued



VHM-Bohrer / Solid carbide drills

VHM-Spiralbohrer 8xD

Art.-Nr. 708...

TIALN



Solid carbide drill 8xD

beschichtet / coated



Ø d1 Schneiden- durchm.	Ø d2 Schaft- durchm.	l1 Gesamt- länge	l2 Schneiden- länge	NL	Artikel- nummer
<i>Drill diameter</i>	<i>Shank diameter</i>	<i>Overall Length</i>	<i>Length of cut</i>	<i>NL</i>	<i>Article No.</i>
9,6	10	142	95	76,0	708.096
9,7	10	142	95	76,0	708.097
9,8	10	142	95	76,0	708.098
9,9	10	142	95	76,0	708.099
10,0	10	142	95	76,0	708.100
10,1	12	162	114	90,0	708.101
10,2	12	162	114	90,0	708.102
10,3	12	162	114	90,0	708.103
10,4	12	162	114	90,0	708.104
10,5	12	162	114	90,0	708.105
10,6	12	162	114	90,0	708.106
10,7	12	162	114	90,0	708.107
10,8	12	162	114	90,0	708.108
10,9	12	162	114	90,0	708.109
11,0	12	162	114	90,0	708.110
11,1	12	162	114	90,0	708.111
11,2	12	162	114	90,0	708.112
11,3	12	162	114	90,0	708.113
11,4	12	162	114	90,0	708.114
11,5	12	162	114	90,0	708.115
11,6	12	162	114	90,0	708.116
11,7	12	162	114	90,0	708.117
11,8	12	162	114	90,0	708.118
11,9	12	162	114	90,0	708.119
12,0	12	162	114	90,0	708.120



VHM-Bohrer / Solid carbide drills

VHM-Spiralbohrer 12xD

Art.-Nr. 710...



Solid carbide drill 12xD

beschichtet / coated



Ø d1 Schneiden- durchm.	Ø d2 Schaft- durchm.	L1 Gesamt- länge	L2 Schneiden- länge	NL	Artikel- nummer
<i>Drill diameter</i>	<i>Shank diameter</i>	<i>Overall Length</i>	<i>Length of cut</i>	<i>NL</i>	<i>Article No.</i>
1,0	3	55	15	12,0	710.010.00
1,1	3	55	23	18,5	710.011.00
1,2	3	55	23	18,5	710.012.00
1,3	3	55	23	18,5	710.013.00
1,4	3	55	23	18,5	710.014.00
1,5	3	55	23	18,5	710.015.00
1,6	3	65	30	24,0	710.016.00
1,7	3	65	30	24,0	710.017.00
1,8	3	65	30	24,0	710.018.00
1,9	3	65	30	24,0	710.019.00
2,0	3	65	30	24,0	710.020.00
2,1	3	74	38	30,5	710.021.00
2,2	3	74	38	30,5	710.022.00
2,3	3	74	38	30,5	710.023.00
2,4	3	74	38	30,5	710.024.00
2,5	3	74	38	30,5	710.025.00
2,6	3	81	44	35,0	710.026.00
2,7	3	81	44	35,0	710.027.00
2,8	3	81	44	35,0	710.028.00
2,9	3	81	44	35,0	710.029.00
3,0	6	92	54	48,0	710.030.00
3,3	6	92	54	48,0	710.033.00
3,5	6	92	54	48,0	710.035.00
3,8	6	102	64	58,0	710.038.00
4,0	6	102	64	58,0	710.040.00
4,2	6	102	64	58,0	710.042.00
4,5	6	102	64	58,0	710.045.00
4,8	6	116	78	70,0	710.048.00
5,0	6	116	78	70,0	710.050.00
5,5	6	116	78	70,0	710.055.00
5,8	6	116	78	70,0	710.058.00
6,0	6	116	78	70,0	710.060.00
6,5	8	146	108	94,0	710.065.00
6,8	8	146	108	94,0	710.068.00
7,0	8	146	108	94,0	710.070.00
7,5	8	146	108	94,0	710.075.00
7,8	8	146	108	94,0	710.078.00

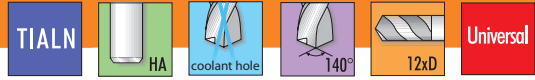
Fortsetzung nächste Seite / to be continued



VHM-Bohrer / Solid carbide drills

VHM-Spiralbohrer 12xD

Art.-Nr. 710...



Solid carbide drill 12xD

beschichtet / coated



Ø d1 Schneiden- durchm.	Ø d2 Schaft- durchm.	L1 Gesamt- länge	L2 Schneiden- länge	NL	Artikel- nummer
<i>Drill diameter</i>	<i>Shank diameter</i>	<i>Overall Length</i>	<i>Length of cut</i>	<i>NL</i>	<i>Article No.</i>
8,0	8	146	108	94,0	710.080.00
8,5	10	162	120	110,0	710.085.00
8,8	10	162	120	110,0	710.088.00
9,0	10	162	120	110,0	710.090.00
9,5	10	162	120	110,0	710.095.00
9,8	10	162	120	110,0	710.098.00
10,0	10	162	120	110,0	710.100.00
10,2	12	204	156	142,0	710.102.00
10,5	12	204	156	142,0	710.105.00
10,8	12	204	156	142,0	710.108.00
11,0	12	204	156	142,0	710.110.00
11,5	12	204	156	142,0	710.115.00
11,8	12	204	156	142,0	710.118.00
12,0	12	204	156	142,0	710.120.00
12,5	14	230	182	166,0	710.125.00
12,8	14	230	182	166,0	710.128.00
13,0	14	230	182	166,0	710.130.00
13,5	14	230	182	166,0	710.135.00
14,0	14	230	182	166,0	710.140.00
14,5	16	260	208	192,0	710.145.00
15,0	16	260	208	192,0	710.150.00
15,5	16	260	208	192,0	710.155.00
16,0	16	260	208	192,0	710.160.00



VHM-Bohrer / Solid carbide drills

VHM-Spiralbohrer 15xD

Art.-Nr. 915...

TIALN



Universal

Solid carbide drill 15xD

beschichtet / coated



Ø d1 Schneiden- durchm.	Ø d2 Schaft- durchm.	L1 Gesamt- länge	L2 Schneiden- länge	NL	Artikel- nummer
<i>Drill diameter</i>	<i>Shank diameter</i>	<i>Overall Length</i>	<i>Length of cut</i>	<i>NL</i>	<i>Article No.</i>
1,00	20	60	3,0	15	915.010.00
1,10	22	60	3,0	17	915.011.00
1,20	24	60	3,0	18	915.012.00
1,30	25	60	3,0	21	915.013.00
1,40	27	60	3,0	21	915.014.00
1,50	27	60	3,0	23	915.015.00
1,60	32	65	3,0	24	915.016.00
1,70	32	65	3,0	26	915.017.00
1,80	35	65	3,0	27	915.018.00
1,90	35	65	3,0	29	915.019.00
2,00	35	65	3,0	30	915.020.00
2,10	40	75	3,0	32	915.021.00
2,20	40	75	3,0	33	915.022.00
2,30	40	75	3,0	35	915.023.00
2,40	45	75	3,0	36	915.024.00
2,50	45	75	3,0	38	915.025.00
2,60	48	80	3,0	39	915.026.00
2,70	48	80	3,0	41	915.027.00
2,80	50	80	3,0	42	915.028.00
2,90	50	80	3,0	44	915.029.00
3,00	60	100	6,0	45	915.030.00
3,10	60	100	6,0	47	915.031.00
3,20	60	100	6,0	48	915.032.00
3,30	60	100	6,0	50	915.033.00
3,40	60	100	6,0	51	915.034.00
3,50	60	100	6,0	53	915.035.00
3,60	68	108	6,0	54	915.036.00
3,70	68	108	6,0	56	915.037.00
3,80	68	108	6,0	57	915.038.00
3,90	68	108	6,0	59	915.039.00
4,00	68	108	6,0	60	915.040.00
4,10	78	115	6,0	62	915.041.00
4,20	78	115	6,0	63	915.042.00
4,30	78	115	6,0	65	915.043.00
4,40	78	115	6,0	66	915.044.00
4,50	78	115	6,0	68	915.045.00
4,60	84	125	6,0	69	915.046.00
4,70	84	125	6,0	71	915.047.00
4,80	84	125	6,0	72	915.048.00
4,90	84	125	6,0	74	915.049.00
5,00	84	125	6,0	75	915.050.00
5,10	92	130	6,0	77	915.051.00
5,20	92	130	6,0	78	915.052.00



VHM-Bohrer / Solid carbide drills

VHM-Spiralbohrer 15xD

Art.-Nr. 915...

TIALN



Solid carbide drill 15xD

beschichtet / coated



Ø d1 Schneiden- durchm.	Ø d2 Schaft- durchm.	L1 Gesamt- länge	L2 Schneiden- länge	NL	Artikel- nummer
<i>Drill diameter</i>	<i>Shank diameter</i>	<i>Overall Length</i>	<i>Length of cut</i>	<i>NL</i>	<i>Article No.</i>
5,30	92	130	6,0	80	915.053.00
5,40	92	130	6,0	81	915.054.00
5,50	92	130	6,0	83	915.055.00
5,60	100	140	6,0	84	915.056.00
5,70	100	140	6,0	86	915.057.00
5,80	100	140	6,0	87	915.058.00
5,90	100	140	6,0	90	915.059.00
6,00	100	140	6,0	90	915.060.00
6,10	108	145	8,0	92	915.061.00
6,20	108	145	8,0	93	915.062.00
6,30	108	145	8,0	96	915.063.00
6,40	108	145	8,0	96	915.064.00
6,50	108	145	8,0	97	915.065.00
6,60	130	170	8,0	99	915.066.00
6,70	130	170	8,0	101	915.067.00
6,80	130	170	8,0	102	915.068.00
6,90	130	170	8,0	104	915.069.00
7,00	130	170	8,0	105	915.070.00
7,50	130	170	8,0	115	915.075.00
7,80	130	170	8,0	117	915.078.00
8,00	130	170	8,0	120	915.080.00
8,50	163	208	10,0	128	915.085.00
8,80	163	208	10,0	132	915.088.00
9,00	163	208	10,0	135	915.090.00
9,50	163	208	10,0	143	915.095.00
9,80	163	208	10,0	147	915.098.00
10,00	163	208	10,0	150	915.100.00
10,20	195	245	12,0	153	915.102.00
10,50	195	245	12,0	158	915.105.00
10,80	195	245	12,0	162	915.108.00
11,00	195	245	12,0	165	915.110.00
11,20	195	245	12,0	168	915.112.00
11,50	195	245	12,0	173	915.115.00
11,80	195	245	12,0	177	915.118.00
12,00	195	245	12,0	180	915.120.00
12,50	230	280	14,0	188	915.125.00
13,00	230	280	14,0	195	915.130.00
13,80	230	280	14,0	207	915.138.00
14,00	230	280	14,0	210	915.140.00
14,80	260	310	16,0	222	915.148.00
15,00	260	310	16,0	225	915.150.00
15,80	260	310	16,0	237	915.158.00
16,00	260	310	16,0	240	915.160.00



Schnittdatenempfehlung für VHM-Bohrer 3xd - 15xd

Recommended cutting data for solid carbide drills 3xd - 15xd

Bohrtiefe drilling depth	Korrekturfaktor Factor of correction
1xd	1,3
3xd	1,0
5xd	0,8
8xd	0,7
12xd	0,6
15xd	0,5

Material	Vc (m/min)	ø1-2 mm	ø 2-3 mm	ø 3-5 mm	ø 5-8 mm	ø 8-12 mm	ø 12 - 16 mm	ø 16 - 20 mm
unlegierte Stähle, Stahlguss <i>unalloyed steels, steel castings</i>	60-100	0,03-0,05	0,05-0,08	0,1-0,18	0,16-0,24	0,2-0,3	0,2-0,33	0,25-0,4
legierte Stähle <i>alloyed steels</i>	50-80	0,02-0,04	0,05-0,08	0,08-0,15	0,10-0,18	0,12-0,22	0,15-0,28	0,2-0,35
	40-80	0,02-0,04	0,05-0,08	0,08-0,15	0,10-0,18	0,12-0,22	0,15-0,28	0,2-0,35
Inox <i>inox</i>	30-50	0,01-0,03	0,03-0,06	0,06-0,10	0,08-0,15	0,12-0,20	0,1-0,2	0,16-0,28
rost- und säurebeständig Stähle (CrNi-legiert) <i>corrosion- and acid-proof steels (CrNi-alloyed)</i>	25-35	0,01-0,03	0,03-0,06	0,05-0,10	0,08-0,15	0,12-0,20	0,1-0,2	0,16-0,28
Grauguss, legierter Grauguss <i>grey cast iron, alloyed grey cast iron</i>	50-130			0,15-0,30	0,12-0,30	0,2-0,4	0,25-0,40	0,4-0,5
	70-90			0,15-0,30	0,12-0,30	0,2-0,4	0,25-0,40	0,4-0,5
Sphäroguss <i>Temperguss with spheroidal graphite, malleable cast iron</i>	70-90		0,05-0,10	0,1-0,2	0,1-0,2	0,2-0,4	0,35-0,45	0,4-0,6
	60-80			0,08-0,12	0,1-0,18	0,16-0,28	0,22-0,33	0,3-0,5
Alu-Knetlegierung <i>millesable alu alloy</i>	50-350	0,04-0,07	0,01-0,15	0,15-0,25	0,2-0,3	0,25-0,40	0,35-0,5	0,4-0,6
Alu-Gusslegierung < 10% Si <i>cast alu alloy < 10% Si</i>	100-250		0,05-0,12	0,15-0,25	0,2-0,3	0,25-0,40	0,35-0,5	0,4-0,6
Alu-Gusslegierung > 10% Si <i>cast alu alloy > 10% Si</i>	100-200	0,6-0,8	0,6-0,10	0,12-0,20	0,18-0,22	0,20-0,28	0,26-0,3	0,25-0,32
Kupfer, Bronze, Messing, kurzspanend <i>copper,bronz,brass, short-chipping</i>	60-200	0,05-0,08	0,08-0,15	0,07-0,15	0,10-0,20	0,20-0,30	0,25-0,40	0,35-0,50
Titanlegierung <i>titanium alloys</i>	20-40	0,01-0,03	0,03-0,06	0,02-0,06	0,05-0,08	0,08-0,14	0,10-0,16	0,10-0,20
gehärtete Stähle <i>hardened materials</i>	25-45	0,3-0,5	0,3-0,5	0,6-0,8	0,8-0,12	0,12-0,18	0,15-0,22	
	20-25	0,2-0,4	0,2-0,4	0,3-0,5	0,4-0,1	0,6-0,1	0,80-0,12	
	20-25	0,2-0,4	0,2-0,4	0,3-0,5	0,4-0,1	0,6-0,1	0,8-0,12	
	12-18	0,2-0,4	0,2-0,4	0,3-0,5	0,4-0,1	0,6-0,1	0,8-0,12	



VHM-Bohrer / Solid carbide drills

VHM-Hochleistungsbohrer gerade genutet

Art.-Nr. 809...



Solid carbide drills with straight flutes

beschichtet / coated



Ø d1 Schneiden- durchm.	Ø d2 Schaft-durchm.	l1 Gesamt- länge	l2 Schneiden- länge	Artikel- nummer
<i>Mill- diameter</i>	<i>Shank diameter</i>	<i>Overall Length</i>	<i>Length of cut</i>	<i>Article No.</i>
1,0	1,0	38	6	809.010
1,5	1,5	38	8	809.015
2,0	2,0	38	9	809.020
2,5	2,5	38	13	809.025
2,7	2,7	38	16	809.027
3,0	3,0	38	16	809.030
3,3	3,3	38	16	809.033
3,5	3,5	50	16	809.035
4,0	4,0	50	16	809.040
4,2	4,2	50	16	809.042
4,5	4,5	50	16	809.045
5,0	5,0	50	19	809.050
5,5	5,5	50	19	809.055
6,0	6,0	50	19	809.060
6,5	6,5	50	19	809.065
6,8	6,8	63	19	809.068
7,0	7,0	63	19	809.070
8,0	8,0	63	19	809.080
8,5	8,5	63	25	809.085
10,0	10,0	70	25	809.100
10,2	10,2	70	25	809.102
12,0	12,0	75	25	809.120
14,0	14,0	89	28	809.140

(D)

Ausführung

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(GB)

Execution

TIALN-coated
right hand cutting
straight flutes
cylindrical shank
specially for HSC (65 HRC)



VHM-Bohrer / Solid carbide drills

VHM-Spiralbohrer Mini nach Werksnorm

Art.-Nr. 609...



Solid carbide mini drills according to works standard

beschichtet / coated



Ø d1 Schneiden- durchm.	Ø d2 Schaft-durchm.	L1 Gesamt- länge	L2 Schneiden- länge	Artikel- nummer
<i>Mill- diameter</i>	<i>Shank diameter</i>	<i>Overall Length</i>	<i>Length of cut</i>	<i>Article No.</i>
1,0	3,0	38	8	609.010
1,1	3,0	38	8	609.011
1,2	3,0	38	8	609.012
1,3	3,0	38	8	609.013
1,4	3,0	38	8	609.014
1,5	3,0	38	13	609.015
1,6	3,0	38	13	609.016
1,7	3,0	38	13	609.017
1,8	3,0	38	13	609.018
1,9	3,0	38	13	609.019
2,0	6,0	60	20	609.020
2,1	6,0	60	20	609.021
2,2	6,0	60	20	609.022
2,3	6,0	60	20	609.023
2,4	6,0	60	20	609.024
2,5	6,0	60	26	609.025
2,6	6,0	60	26	609.026
2,7	6,0	60	26	609.027
2,8	6,0	60	26	609.028
2,9	6,0	60	26	609.029

(D)

Ausführung
unbeschichtet
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Spezielle Geometrie zum
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(GB)

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