

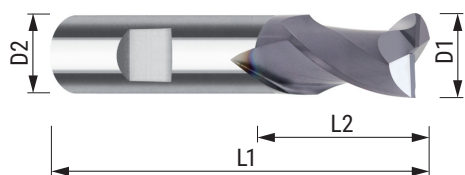


quality at a
low price

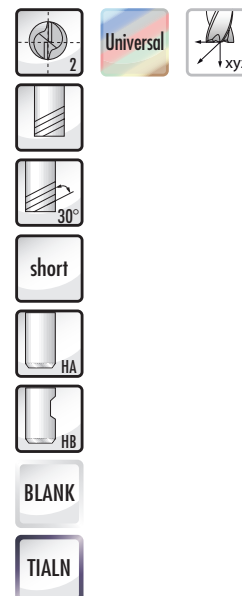
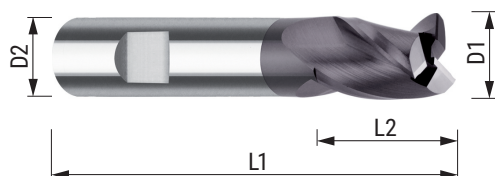
Economy-Line VHM-Werkzeuge / *Solid carbide tools*

2019

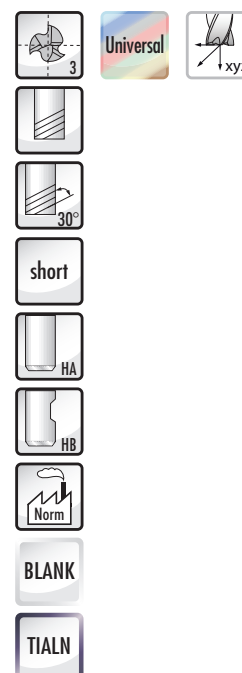


Artikel-Nr. 922.1...


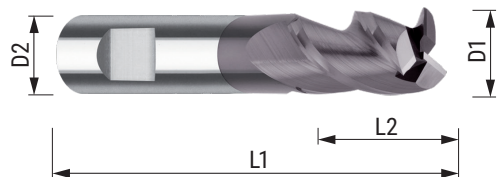
D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.	HA blank	HB blank	HA TIALN	HB TIALN
1,00	6,00	5	50	2	922.101...	.09	.19	.00	.10
2,00	6,00	6	50	2	922.102...	.09	.19	.00	.10
3,00	6,00	6	50	2	922.103...	.09	.19	.00	.10
4,00	6,00	8	50	2	922.104...	.09	.19	.00	.10
5,00	6,00	8	50	2	922.105...	.09	.19	.00	.10
6,00	6,00	16	50	2	922.106...	.09	.19	.00	.10
8,00	8,00	20	63	2	922.108...	.09	.19	.00	.10
10,00	10,00	2	72	2	922.110...	.09	.19	.00	.10
12,00	12,00	22	73	2	922.112...	.09	.19	.00	.10
16,00	16,00	25	75	2	922.116...	.09	.19	.00	.10
20,00	20,00	32	100	2	922.120...	.09	.19	.00	.10

VHM – Bohrnutenfräser
Solid carbide slotting end mill

Artikel-Nr. 923.2...


D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.	HA blank	HB blank	HA TIALN	HB TIALN
1,00	6,00	5	50	3	923.201...	.09	.19	.00	.10
2,00	6,00	6	50	3	923.202...	.09	.19	.00	.10
3,00	6,00	6	50	3	923.203...	.09	.19	.00	.10
4,00	6,00	8	50	3	923.204...	.09	.19	.00	.10
5,00	6,00	8	50	3	923.205...	.09	.19	.00	.10
6,00	6,00	16	50	3	923.206...	.09	.19	.00	.10
8,00	8,00	20	63	3	923.208...	.09	.19	.00	.10
10,00	10,00	22	72	3	923.210...	.09	.19	.00	.10
12,00	12,00	22	73	3	923.212...	.09	.19	.00	.10
16,00	16,00	25	75	3	923.216...	.09	.19	.00	.10
20,00	20,00	32	100	3	923.220...	.09	.19	.00	.10

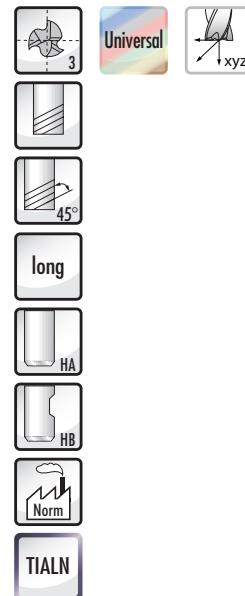
VHM – Bohrnutenfräser
Solid carbide slotting end mill


Artikel-Nr. **923.3...**

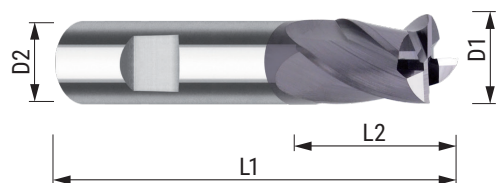


D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.	HA	HB
1,00	6,00	5	57	3	923.301...	.00	.10
2,00	6,00	6	57	3	923.302...	.00	.10
3,00	6,00	7	57	3	923.303...	.00	.10
4,00	6,00	8	57	3	923.304...	.00	.10
5,00	6,00	10	57	3	923.305...	.00	.10
6,00	6,00	10	57	3	923.306...	.00	.10
8,00	8,00	16	63	3	923.308...	.00	.10
10,00	10,00	19	72	3	923.310...	.00	.10
12,00	12,00	22	83	3	923.312...	.00	.10
16,00	16,00	26	92	3	923.316...	.00	.10
20,00	20,00	32	104	3	923.320...	.00	.10

VHM – Bohrnutenfräser
Solid carbide slotting end mill

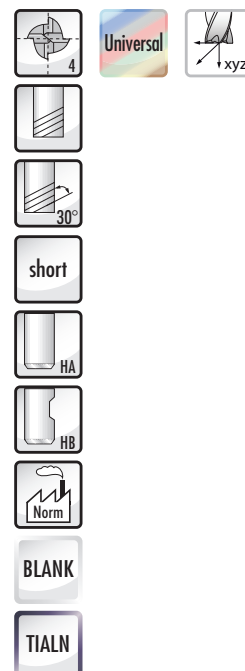


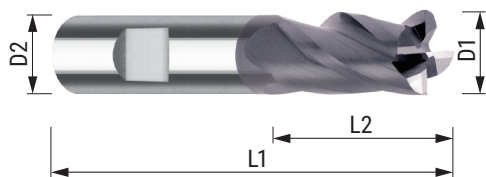
Artikel-Nr. **924.4...**



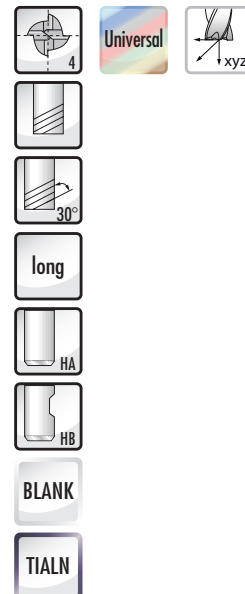
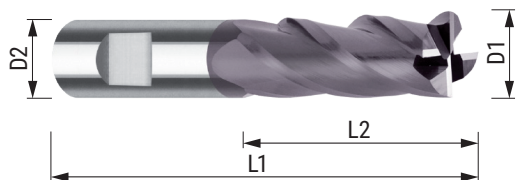
D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.	HA blank	HB blank	HA TIALN	HB TIALN
1,00	6,00	5	50	4	924.401...	.09	.19	.00	.10
2,00	6,00	7	50	4	924.402...	.09	.19	.00	.10
3,00	6,00	8	50	4	924.403...	.09	.19	.00	.10
4,00	6,00	11	50	4	924.404...	.09	.19	.00	.10
5,00	6,00	13	50	4	924.405...	.09	.19	.00	.10
6,00	6,00	16	50	4	924.406...	.09	.19	.00	.10
8,00	8,00	20	63	4	924.408...	.09	.19	.00	.10
10,00	10,00	22	72	4	924.410...	.09	.19	.00	.10
12,00	12,00	22	73	4	924.412...	.09	.19	.00	.10
16,00	16,00	25	75	4	924.416...	.09	.19	.00	.10
20,00	20,00	32	100	4	924.420...	.09	.19	.00	.10

VHM – Bohrnutenfräser
Solid carbide slotting end mill

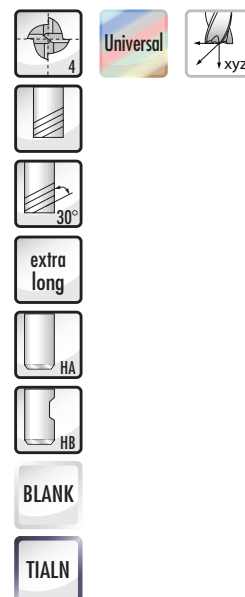


Artikel-Nr. 924.5...


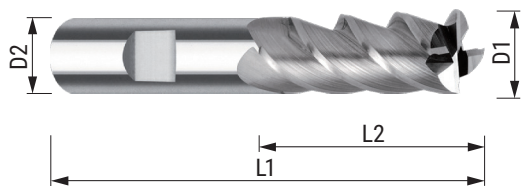
D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.	HA blank	HB blank	HA TIALN	HB TIALN
1,00	6,00	3	50	4	924.501...	.09	.19	.00	.10
2,00	6,00	4	50	4	924.502...	.09	.19	.00	.10
3,00	6,00	6	50	4	924.503...	.09	.19	.00	.10
4,00	6,00	8	50	4	924.504...	.09	.19	.00	.10
5,00	6,00	8	50	4	924.505...	.09	.19	.00	.10
6,00	6,00	13	57	4	924.506...	.09	.19	.00	.10
8,00	8,00	19	63	4	924.508...	.09	.19	.00	.10
10,00	10,00	22	72	4	924.510...	.09	.19	.00	.10
12,00	12,00	26	83	4	924.512...	.09	.19	.00	.10
16,00	16,00	32	92	4	924.516...	.09	.19	.00	.10
20,00	20,00	38	104	4	924.520...	.09	.19	.00	.10

VHM – Bohrnutenfräser
Solid carbide slotting end mill

Artikel-Nr. 924.6...


D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.	HA blank	HB blank	HA TIALN	HB TIALN
3,00	6,00	12	50	4	924.603...	.09	.19	.00	.10
4,00	6,00	15	50	4	924.604...	.09	.19	.00	.10
5,00	6,00	20	60	4	924.605...	.09	.19	.00	.10
6,00	6,00	20	60	4	924.606...	.09	.19	.00	.10
8,00	8,00	25	70	4	924.608...	.09	.19	.00	.10
10,00	10,00	30	90	4	924.610...	.09	.19	.00	.10
12,00	12,00	30	90	4	924.612...	.09	.19	.00	.10
16,00	16,00	50	110	4	924.616...	.09	.19	.00	.10
20,00	20,00	55	110	4	924.620...	.09	.19	.00	.10

VHM – Bohrnutenfräser
Solid carbide slotting end mill


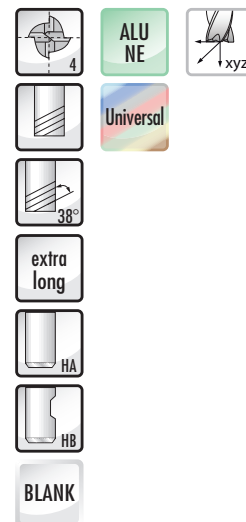
Artikel-Nr. **934.1...**



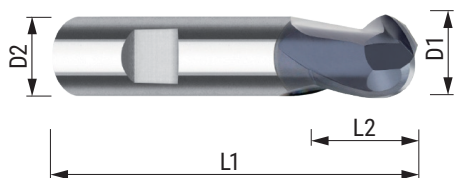
VHM – Schaftfräser
Solid carbide mill



D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.	HA	HB
4,00	6,00	8	62	4	934.104...	.00	.10
5,00	6,00	15	62	4	934.105...	.00	.10
6,00	6,00	18	62	4	934.106...	.00	.10
8,00	8,00	24	68	4	934.108...	.00	.10
10,00	10,00	30	80	4	934.110...	.00	.10
12,00	12,00	36	93	4	934.112...	.00	.10
16,00	16,00	48	108	4	934.116...	.00	.10
20,00	20,00	60	126	4	934.120...	.00	.10



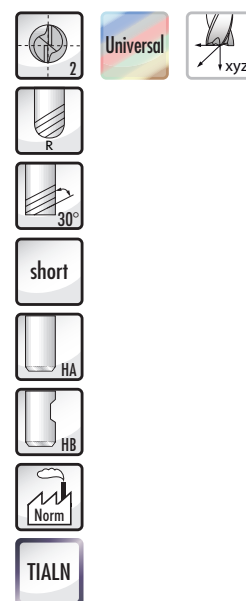
Artikel-Nr. **942.1...**



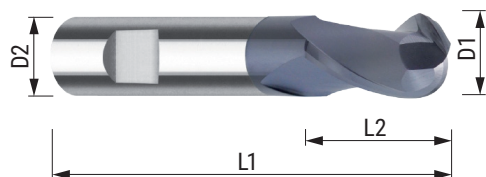
VHM – Radiusfräser
Solid carbide ball nose mill



D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.	HA	HB
1,00	6,00	3	50	2	942.101...	.00	.10
2,00	6,00	4	50	2	942.102...	.00	.10
3,00	6,00	5	50	2	942.103...	.00	.10
4,00	6,00	6	50	2	942.104...	.00	.10
5,00	6,00	7	50	2	942.105...	.00	.10
6,00	6,00	7	51	2	942.106...	.00	.10
8,00	8,00	9	63	2	942.108...	.00	.10
10,00	10,00	10	60	2	942.110...	.00	.10
12,00	12,00	14	73	2	942.112...	.00	.10
16,00	16,00	16	75	2	942.116...	.00	.10
20,00	20,00	20	82	2	942.120...	.00	.10



Artikel-Nr. **942.2...**

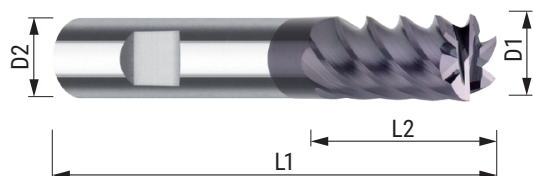


D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.	HA	HB
6,00	6,00	10	57	2	942.206...	.00	.10
8,00	8,00	16	63	2	942.208...	.00	.10
10,00	10,00	19	72	2	942.210...	.00	.10
12,00	12,00	22	83	2	942.212...	.00	.10
16,00	16,00	26	92	2	942.216...	.00	.10
20,00	20,00	32	104	2	942.220...	.00	.10

VHM – Radiusfräser
Solid carbide ball nose mill



Artikel-Nr. **936.2...**

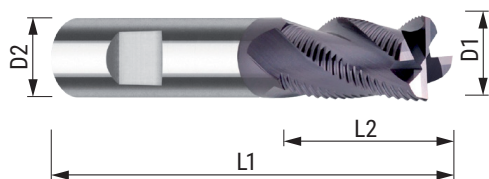


D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.	HA	HB
6,00	6,00	13	57	6	936.206...	.00	.10
8,00	8,00	19	63	6	936.208...	.00	.10
10,00	10,00	22	72	6	936.210...	.00	.10
12,00	12,00	26	83	6	936.212...	.00	.10
16,00	16,00	32	92	6	936.216...	.00	.10
16,00	16,00	65	120	6	936.21601...	.00	.10
20,00	20,00	38	104	8	936.220...	.00	.10
20,00	20,00	75	135	8	936.22001...	.00	.10

VHM – Schaftfräser
Solid carbide mill

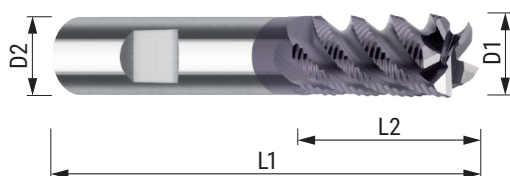


Artikel-Nr. **953.1...**



D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.	HA	HB
3,00	6,00	6	57	3	953.103...	.00	.10
4,00	6,00	8	57	3	953.104...	.00	.10
5,00	6,00	10	57	3	953.105...	.00	.10
6,00	6,00	16	57	3	953.106...	.00	.10
8,00	8,00	16	63	3	953.108...	.00	.10
10,00	10,00	22	72	4	953.110...	.00	.10
12,00	12,00	26	83	4	953.112...	.00	.10
16,00	16,00	32	92	4	953.116...	.00	.10
20,00	20,00	38	104	4	953.120...	.00	.10

Artikel-Nr. **953.2...**



D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.	HA	HB
4,00	6,00	11	57	3	953.204...	.00	.10
5,00	6,00	13	57	4	953.205...	.00	.10
6,00	6,00	16	57	4	953.206...	.00	.10
8,00	8,00	16	63	4	953.208...	.00	.10
10,00	10,00	22	72	4	953.210...	.00	.10
12,00	12,00	28	83	4	953.212...	.00	.10
16,00	16,00	32	92	5	953.216...	.00	.10
20,00	20,00	38	104	6	953.220...	.00	.10

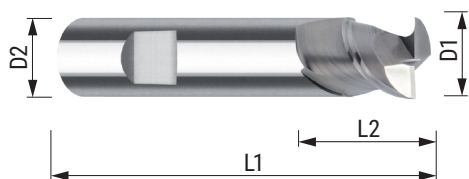
VHM – Schrappfräser
Solid carbide roughing mill



VHM – Schrappfräser
Solid carbide roughing mill

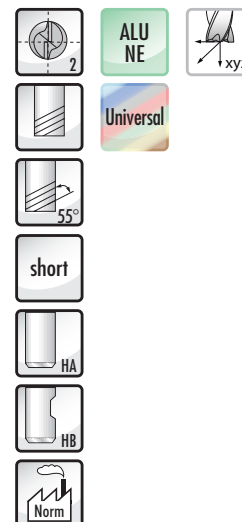


Artikel-Nr. **940.2...**

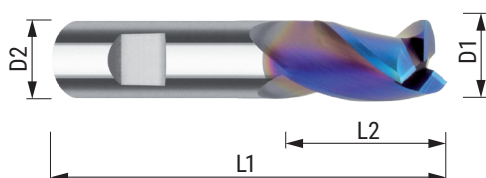


D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.	HA	HB
3,00	6,00	4	50	2	940.203...	.00	.10
4,00	6,00	5	50	2	940.204...	.00	.10
5,00	6,00	6	50	2	940.205...	.00	.10
6,00	6,00	7	50	2	940.206...	.00	.10
8,00	8,00	8	58	2	940.208...	.00	.10
10,00	10,00	10	66	2	940.210...	.00	.10
12,00	12,00	12	72	2	940.212...	.00	.10
14,00	14,00	14	75	2	940.214...	.00	.10
16,00	16,00	16	82	2	940.216...	.00	.10
18,00	18,00	18	84	2	940.218...	.00	.10
20,00	20,00	20	92	2	940.220...	.00	.10

VHM – Alu-cutter
Solid carbide Alu-cutter

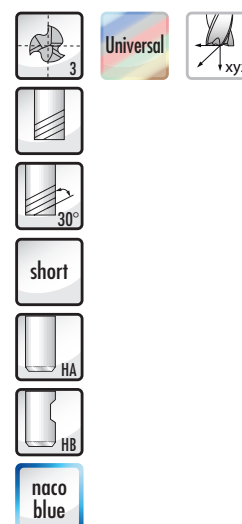


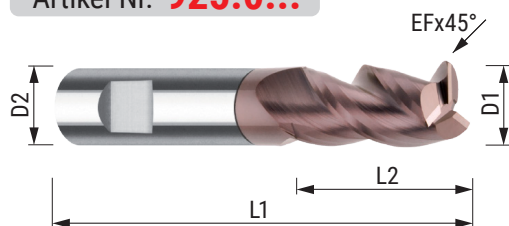
Artikel-Nr. **935...**



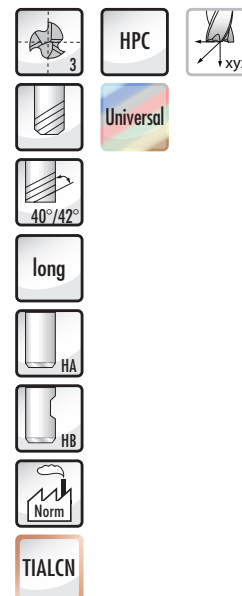
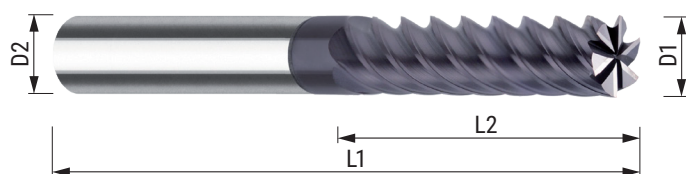
D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.	HA	HB
1,00	6,00	2	50	3	935.001...	.00	.10
2,00	6,00	3	50	3	935.002...	.00	.10
3,00	6,00	4	50	3	935.003...	.00	.10
4,00	6,00	5	50	3	935.004...	.00	.10
5,00	6,00	6	50	3	935.005...	.00	.10
6,00	6,00	7	50	3	935.006...	.00	.10
7,00	8,00	9	58	3	935.007...	.00	.10
8,00	8,00	9	58	3	935.008...	.00	.10
9,00	10,00	11	66	3	935.009...	.00	.10
10,00	10,00	11	66	3	935.010...	.00	.10
12,00	12,00	14	72	3	935.012...	.00	.10

VHM – Bohrnutenfräser
Solid carbide slotting end mill



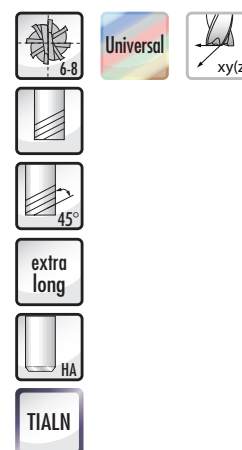
Artikel-Nr. 925.0...

VHM – Schaftfräser
Solid carbide mill


D1	D2 h6	L2	L1	EF	Z	Artikel-Nr./ Article-No.	HA	HB
3,00	6,00	8	57	0,10	3	925.003...	.00	.10
4,00	6,00	11	57	0,13	3	925.004...	.00	.10
5,00	6,00	13	57	0,18	3	925.005...	.00	.10
6,00	6,00	13	57	0,20	3	925.006...	.00	.10
8,00	8,00	19	63	0,20	3	925.008...	.00	.10
10,00	10,00	22	72	0,30	3	925.010...	.00	.10
12,00	12,00	26	83	0,30	3	925.012...	.00	.10
16,00	16,00	32	92	0,40	3	925.016...	.00	.10
20,00	20,00	38	104	0,50	3	925.020...	.00	.10


Artikel-Nr. 927...

VHM – Schaftfräser
Solid carbide mill


D1	D2 h6	L2	L1	Z
6,00	6,00	26	70	6
8,00	8,00	36	90	6
10,00	10,00	46	100	6
12,00	12,00	56	110	6
16,00	16,00	66	130	6
20,00	20,00	76	140	8

Preis/Price TIALN
18,08
23,08
35,57
44,26
92,91
124,32



Artikel-Nr. **928...**



VHM – Schaftfräser
Solid carbide mill



D1	D2 h6	L2	L1	EF	Z	
2,00	6,00	8	57	0,05	4	
3,00	6,00	14	57	0,05	4	
4,00	6,00	18	57	0,10	4	
5,00	6,00	20	57	0,10	4	
6,00	6,00	22	57	0,10	4	
8,00	8,00	30	63	0,15	4	
10,00	10,00	33	72	0,15	4	
12,00	12,00	34	83	0,20	4	
16,00	16,00	38	92	0,20	4	
20,00	20,00	47	104	0,30	4	

Preis/Price

TIALN

10,11

10,11

10,11

13,08

14,28

17,85

26,18

34,50

61,87

89,23



Artikel-Nr. **973.1...**



VHM – Schaftfräser **Starmax**
Solid carbide mill

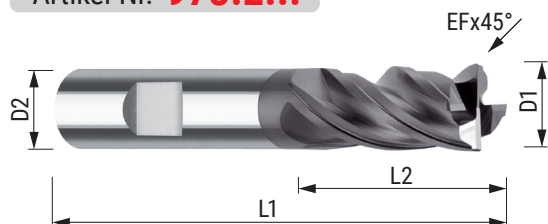


D1	D2 h6	L2	L1	EF	Z	Artikel-Nr./ Article-No.	HA
3,00	6,00	6	54	0,10	4	973.103...	.00
4,00	6,00	8	54	0,13	4	973.104...	.00
5,00	6,00	9	54	0,18	4	973.105...	.00
6,00	6,00	10	54	0,20	4	973.106...	.00
8,00	8,00	12	58	0,20	4	973.108...	.00
10,00	10,00	14	66	0,30	4	973.110...	.00
12,00	12,00	16	73	0,30	4	973.112...	.00
14,00	14,00	18	75	0,30	4	973.114...	.00
16,00	16,00	22	82	0,40	4	973.116...	.00
18,00	18,00	24	84	0,40	4	973.118...	.00
20,00	20,00	26	92	0,50	4	973.120...	.00

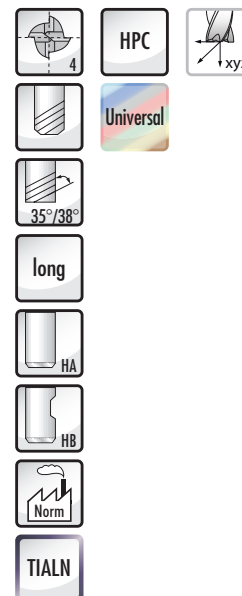
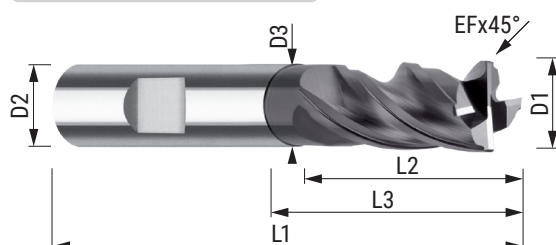
ice

l

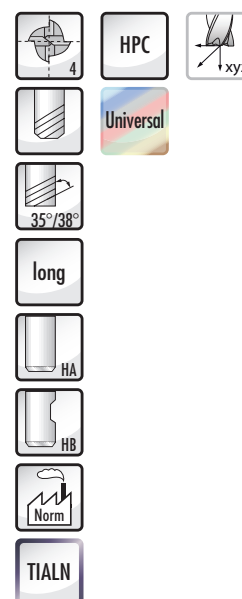


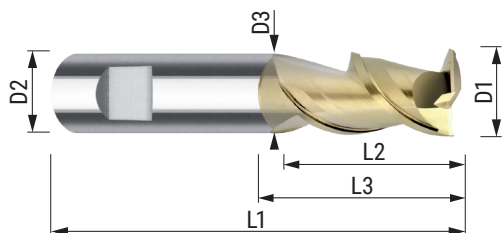
Artikel-Nr. 973.2...


D1	D2 h6	L2	L1	EF	Z	Artikel-Nr./ Article-No.	HA	HB
3,00	6,00	8	57	0,10	4	973.203...	.00	.10
4,00	6,00	11	57	0,13	4	973.204...	.00	.10
5,00	6,00	13	57	0,18	4	973.205...	.00	.10
6,00	6,00	13	57	0,20	4	973.206...	.00	.10
8,00	8,00	19	63	0,20	4	973.208...	.00	.10
10,00	10,00	22	72	0,30	4	973.210...	.00	.10
12,00	12,00	26	83	0,30	4	973.212...	.00	.10
14,00	14,00	26	83	0,30	4	973.214...	.00	.10
16,00	16,00	32	92	0,40	4	973.216...	.00	.10
18,00	18,00	32	92	0,40	4	973.218...	.00	.10
20,00	20,00	38	104	0,50	4	973.220...	.00	.10

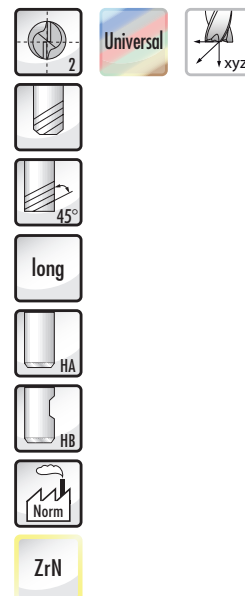
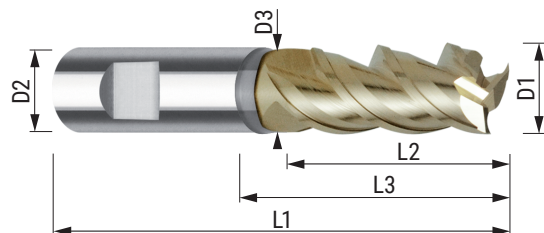
VHM – Schaftfräser Starmax
Solid carbide mill

Artikel-Nr. 973.3...


D1	D2 h6	L2	L1	D3	L3	EF	Z	Artikel-Nr./ Article-No.	HA	HB
3,00	6,00	11	57	3,60	21	0,10	4	973.303...	.00	.10
4,00	6,00	11	57	3,60	21	0,13	4	973.304...	.00	.10
5,00	6,00	13	57	4,60	21	0,18	4	973.305...	.00	.10
6,00	6,00	13	57	5,50	21	0,20	4	973.306...	.00	.10
8,00	8,00	19	63	7,50	27	0,20	4	973.308...	.00	.10
10,00	10,0	22	72	9,50	32	0,30	4	973.310...	.00	.10
12,00	12,00	26	83	11,50	38	0,30	4	973.312...	.00	.10
14,00	14,00	26	83	13,50	42	0,30	4	973.314...	.00	.10
16,00	16,00	32	92	15,50	44	0,40	4	973.316...	.00	.10
18,00	18,00	32	92	17,50	50	0,40	4	973.318...	.00	.10
20,00	20,00	38	104	19,50	54	0,50	4	973.320...	.00	.10

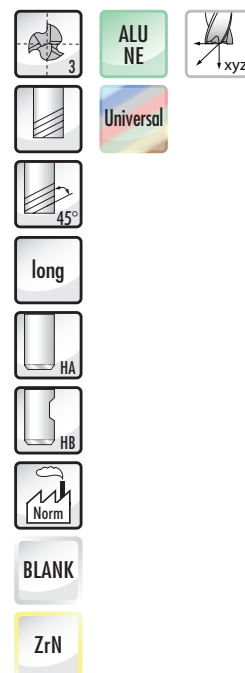
VHM – Schaftfräser Starmax
Solid carbide mill


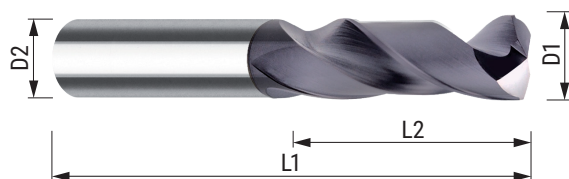
Artikel-Nr. **941.1...**


D1	D2 h6	L2	L1	D3	L3	EF	Z	Artikel-Nr./ Article-No.	HA	HB
2,00	6,00	8	57	1,90	16	0,05	2	941.102...	.00	.10
3,00	6,00	8	57	2,90	18	0,10	2	941.103...	.00	.10
4,00	6,00	11	57	3,90	18	0,10	2	941.104...	.00	.10
5,00	6,00	13	57	4,90	20	0,10	2	941.105...	.00	.10
6,00	6,00	13	57	5,90	20	0,10	2	941.106...	.00	.10
8,00	8,00	19	63	7,70	26	0,10	2	941.108...	.00	.10
10,00	10,00	22	72	9,70	29	0,10	2	941.110...	.00	.10
12,00	12,00	26	83	11,70	36	0,10	2	941.112...	.00	.10
14,00	14,00	26	83	13,70	36	0,10	2	941.114...	.00	.10
16,00	16,00	32	92	15,70	42	0,10	2	941.116...	.00	.10
18,00	18,00	32	92	17,50	42	0,10	2	941.118...	.00	.10
20,00	20,00	38	104	19,50	52	0,10	2	941.120...	.00	.10

 VHM – Alu-cutter
Solid carbide Alu-cutter

 Artikel-Nr. **945...**


D1	D2 h6	L2	L1	D3	L3	Z	Artikel-Nr./ Article-No.	HA blank	HB blank	HA ZrN	HB ZrN
3,00	6,00	12	38	-	-	3	945.030...	.00	.10	.11	.19
4,00	6,00	12	54	3,80	18	3	945.040...	.00	.10	.11	.19
5,00	6,00	15	54	4,80	18	3	945.050...	.00	.10	.11	.19
6,00	6,00	16	57	5,80	21	3	945.060...	.00	.10	.11	.19
8,00	8,00	22	63	7,80	28	3	945.080...	.00	.10	.11	.19
10,00	10,00	25	72	9,70	33	3	945.100...	.00	.10	.11	.19
12,00	12,00	28	83	11,70	39	3	945.120...	.00	.10	.11	.19
16,00	16,00	35	93	15,70	45	3	945.160...	.00	.10	.11	.19
20,00	20,00	40	104	19,70	54	3	945.200...	.00	.10	.11	.19
25,00	25,00	45	121	23,00	65	3	945.250...	.00	.10	.11	.19

 VHM – Alu-cutter
Solid carbide Alu-cutter


Artikel-Nr. **504...**


D1	D2	L2	L1	Artikel-Nr./ Article-No.
1,00	4,00	7	45	504.010.00
1,10	4,00	7	45	504.011.00
1,20	4,00	7	45	504.012.00
1,30	4,00	7	45	504.013.00
1,40	4,00	7	45	504.014.00
1,50	4,00	14	55	504.015.00
1,60	4,00	14	55	504.016.00
1,70	4,00	14	55	504.017.00
1,80	4,00	14	55	504.018.00
1,90	4,00	14	55	504.019.00
2,00	4,00	20	55	504.020.00
2,10	4,00	20	55	504.021.00
2,20	4,00	20	55	504.022.00
2,30	4,00	20	55	504.023.00
2,40	4,00	20	55	504.024.00
2,50	4,00	20	55	504.025.00
2,60	4,00	20	55	504.026.00
2,70	4,00	20	55	504.027.00
2,80	4,00	20	55	504.028.00
2,90	4,00	20	55	504.029.00
3,00	6,00	20	62	504.030.00
3,10	6,00	20	62	504.031.00
3,20	6,00	20	62	504.032.00
3,25	6,00	20	62	504.325.00
3,30	6,00	20	62	504.033.00
3,40	6,00	20	62	504.034.00
3,50	6,00	20	62	504.035.00
3,60	6,00	20	62	504.036.00
3,70	6,00	20	62	504.037.00
3,80	6,00	24	66	504.038.00
3,90	6,00	24	66	504.039.00
4,00	6,00	24	66	504.040.00
4,10	6,00	24	66	504.041.00
4,20	6,00	24	66	504.042.00
4,30	6,00	24	66	504.043.00
4,40	6,00	24	66	504.044.00
4,50	6,00	24	66	504.045.00
4,60	6,00	24	66	504.046.00
4,65	6,00	24	66	504.465.00
4,70	6,00	24	66	504.047.00
4,80	6,00	28	66	504.048.00
4,90	6,00	28	66	504.049.00

VHM – Spiralbohrer 4xD

Solid carbide drill



.00 HA Schaft/Shank
.10 HB Schaft/Shank
.20 HE Schaft/Shank



D1	D2	L2	L1	Artikel-Nr./ Article-No.
5,00	6,00	28	66	504.050.00
5,10	6,00	28	66	504.051.00
5,20	6,00	28	66	504.052.00
5,30	6,00	28	66	504.053.00
5,40	6,00	28	66	504.054.00
5,50	6,00	28	66	504.055.00
5,55	6,00	28	66	504.555.00
5,60	6,00	28	66	504.056.00
5,70	6,00	28	66	504.057.00
5,80	6,00	28	66	504.058.00
5,90	6,00	28	66	504.059.00
6,00	6,00	28	66	504.060.00
6,10	8,00	34	79	504.061.00
6,20	8,00	34	79	504.062.00
6,30	8,00	34	79	504.063.00
6,40	8,00	34	79	504.064.00
6,50	8,00	34	79	504.065.00
6,60	8,00	34	79	504.066.00
6,70	8,00	34	79	504.067.00
6,80	8,00	34	79	504.068.00
6,90	8,00	34	79	504.069.00
7,00	8,00	34	79	504.070.00
7,10	8,00	41	79	504.071.00
7,20	8,00	41	79	504.072.00
7,30	8,00	41	79	504.073.00
7,40	8,00	41	79	504.074.00
7,50	8,00	41	79	504.075.00
7,60	8,00	41	79	504.076.00
7,70	8,00	41	79	504.077.00
7,80	8,00	41	79	504.078.00
7,90	8,00	41	79	504.079.00

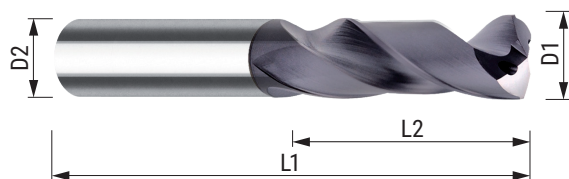
Artikel-Nr. **504...**
VHM – Spiralbohrer 4xD
Solid carbide drill

 .00 HA Schaft/Shank
 .10 HB Schaft/Shank
 .20 HE Schaft/Shank


D1	D2	L2	L1	Artikel-Nr./ Article-No.
8,00	8,00	41	79	504.080.00
8,10	10,00	47	89	504.081.00
8,20	10,00	47	89	504.082.00
8,30	10,00	47	89	504.083.00
8,40	10,00	47	89	504.084.00
8,50	10,00	47	89	504.085.00
8,60	10,00	47	89	504.086.00
8,70	10,00	47	89	504.087.00
8,80	10,00	47	89	504.088.00
8,90	10,00	47	89	504.089.00
9,00	10,00	47	89	504.090.00
9,10	10,00	47	89	504.091.00
9,20	10,00	47	89	504.092.00
9,30	10,00	47	89	504.093.00
9,40	10,00	47	89	504.094.00
9,50	10,00	47	89	504.095.00
9,60	10,00	47	89	504.096.00
9,70	10,00	47	89	504.097.00
9,80	10,00	47	89	504.098.00
9,90	10,00	47	89	504.099.00
10,00	10,00	47	89	504.100.00
10,10	12,00	55	102	504.101.00
10,20	12,00	55	102	504.102.00
10,30	12,00	55	102	504.103.00
10,40	12,00	55	102	504.104.00
10,50	12,00	55	102	504.105.00
10,60	12,00	55	102	504.106.00
10,70	12,00	55	102	504.107.00
10,80	12,00	55	102	504.108.00
10,90	12,00	55	102	504.109.00
11,00	12,00	55	102	504.110.00
11,10	12,00	55	102	504.111.00
11,20	12,00	55	102	504.112.00
11,30	12,00	55	102	504.113.00
11,40	12,00	55	102	504.114.00
11,50	12,00	55	102	504.115.00
11,60	12,00	55	102	504.116.00
11,70	12,00	55	102	504.117.00
11,80	12,00	55	102	504.118.00
11,90	12,00	55	102	504.119.00
12,00	12,00	55	102	504.120.00
12,20	14,00	60	107	504.122.00
12,30	14,00	60	107	504.123.00
12,50	14,00	60	107	504.125.00
12,80	14,00	60	107	504.128.00

D1	D2	L2	L1	Artikel-Nr./ Article-No.
13,00	14,00	60	107	504.130.00
13,50	14,00	60	107	504.135.00
13,80	14,00	60	107	504.138.00
14,00	14,00	60	107	504.140.00
14,20	16,00	65	115	504.142.00
14,50	16,00	65	115	504.145.00
14,80	16,00	65	115	504.148.00
15,00	16,00	65	115	504.150.00
15,10	16,00	65	115	504.151.00
15,20	16,00	65	115	504.152.00
15,50	16,00	65	115	504.155.00
15,80	16,00	65	115	504.158.00
16,00	16,00	65	115	504.160.00
16,50	18,00	73	123	504.165.00
16,80	18,00	73	123	504.168.00
17,00	18,00	73	123	504.170.00
17,30	18,00	73	123	504.173.00
17,50	18,00	73	123	504.175.00
17,70	18,00	73	123	504.177.00
17,80	18,00	73	123	504.178.00
18,00	18,00	73	123	504.180.00
18,50	20,00	79	131	504.185.00
19,00	20,00	79	131	504.190.00
19,30	20,00	79	131	504.193.00
19,50	20,00	79	131	504.195.00
19,80	20,00	79	131	504.198.00
20,00	20,00	79	131	504.200.00

Artikel-Nr. **604...**



D1	D2	L2	L1	Artikel-Nr./ Article-No.
3,00	6,00	20	62	604.030.00
3,10	6,00	20	62	604.031.00
3,20	6,00	20	62	604.032.00
3,25	6,00	20	62	604.325.00
3,30	6,00	20	62	604.033.00
3,40	6,00	20	62	604.034.00
3,50	6,00	20	62	604.035.00
3,60	6,00	20	62	604.036.00
3,70	6,00	20	62	604.037.00
3,80	6,00	24	66	604.038.00
3,90	6,00	24	66	604.039.00
4,00	6,00	24	66	604.040.00
4,10	6,00	24	66	604.041.00
4,20	6,00	24	66	604.042.00
4,30	6,00	24	66	604.043.00
4,40	6,00	24	66	604.044.00
4,50	6,00	24	66	604.045.00
4,60	6,00	24	66	604.046.00
4,65	6,00	24	66	604.465.00
4,70	6,00	24	66	604.047.00
4,80	6,00	28	66	604.048.00
4,90	6,00	28	66	604.049.00
5,00	6,00	28	66	604.050.00
5,10	6,00	28	66	604.051.00
5,20	6,00	28	66	604.052.00
5,30	6,00	28	66	604.053.00
5,40	6,00	28	66	604.054.00
5,50	6,00	28	66	604.055.00
5,55	6,00	28	66	604.555.00
5,60	6,00	28	66	604.056.00
5,70	6,00	28	66	604.057.00
5,80	6,00	28	66	604.058.00
5,90	6,00	28	66	604.059.00
6,00	6,00	28	66	604.060.00
6,10	8,00	34	79	604.061.00
6,20	8,00	34	79	604.062.00
6,30	8,00	34	79	604.063.00
6,40	8,00	34	79	604.064.00
6,50	8,00	34	79	604.065.00
6,60	8,00	34	79	604.066.00
6,70	8,00	34	79	604.067.00
6,80	8,00	34	79	604.068.00
6,90	8,00	34	79	604.069.00

VHM – Spiralbohrer 4xD Solid carbide drill



.00 HA Schaft/Shank
.10 HB Schaft/Shank
.20 HE Schaft/Shank



D1	D2	L2	L1	Artikel-Nr./ Article-No.
7,00	8,00	34	79	604.070.00
7,10	8,00	41	79	604.071.00
7,20	8,00	41	79	604.072.00
7,30	8,00	41	79	604.073.00
7,40	8,00	41	79	604.074.00
7,50	8,00	41	79	604.075.00
7,60	8,00	41	79	604.076.00
7,70	8,00	41	79	604.077.00
7,80	8,00	41	79	604.078.00
7,90	8,00	41	79	604.079.00
8,00	8,00	41	79	604.080.00
8,10	10,00	47	89	604.081.00
8,20	10,00	47	89	604.082.00
8,30	10,00	47	89	604.083.00
8,40	10,00	47	89	604.084.00
8,50	10,00	47	89	604.085.00
8,60	10,00	47	89	604.086.00
8,70	10,00	47	89	604.087.00
8,80	10,00	47	89	604.088.00
8,90	10,00	47	89	604.089.00
9,00	10,00	47	89	604.090.00
9,10	10,00	47	89	604.091.00
9,20	10,00	47	89	604.092.00
9,30	10,00	47	89	604.093.00
9,40	10,00	47	89	604.094.00
9,50	10,00	47	89	604.095.00
9,60	10,00	47	89	604.096.00
9,70	10,00	47	89	604.097.00
9,80	10,00	47	89	604.098.00
9,90	10,00	47	89	604.099.00

Artikel-Nr. **604...**

VHM – Spiralbohrer 4xD Solid carbide drill

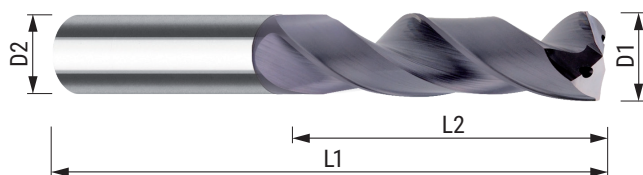


D1	D2	L2	L1	Artikel-Nr./ Article-No.
10,00	10,00	47	89	604.100.00
10,10	12,00	55	102	604.101.00
10,20	12,00	55	102	604.102.00
10,30	12,00	55	102	604.103.00
10,40	12,00	55	102	604.104.00
10,50	12,00	55	102	604.105.00
10,60	12,00	55	102	604.106.00
10,70	12,00	55	102	604.107.00
10,80	12,00	55	102	604.108.00
10,90	12,00	55	102	604.109.00
11,00	12,00	55	102	604.110.00
11,10	12,00	55	102	604.111.00
11,20	12,00	55	102	604.112.00
11,30	12,00	55	102	604.113.00
11,40	12,00	55	102	604.114.00
11,50	12,00	55	102	604.115.00
11,60	12,00	55	102	604.116.00
11,70	12,00	55	102	604.117.00
11,80	12,00	55	102	604.118.00
11,90	12,00	55	102	604.119.00
12,00	12,00	55	102	604.120.00
12,20	14,00	60	107	604.122.00
12,30	14,00	60	107	604.123.00
12,50	14,00	60	107	604.125.00
12,80	14,00	60	107	604.128.00
13,00	14,00	60	107	604.130.00
13,50	14,00	60	107	604.135.00
13,80	14,00	60	107	604.138.00
14,00	14,00	60	107	604.140.00
14,20	16,00	65	115	604.142.00
14,50	16,00	65	115	604.145.00
14,80	16,00	65	115	604.148.00
15,00	16,00	65	115	604.150.00
15,10	16,00	65	115	604.151.00
15,20	16,00	65	115	604.152.00
15,50	16,00	65	115	604.155.00
15,80	16,00	65	115	604.158.00
16,00	16,00	65	115	604.160.00
16,50	18,00	73	123	604.165.00
16,80	18,00	73	123	604.168.00
17,00	18,00	73	123	604.170.00
17,30	18,00	73	123	604.173.00
17,50	18,00	73	123	604.175.00
17,70	18,00	73	123	604.177.00
17,80	18,00	73	123	604.178.00

.00 HA Schaft/Shank
.10 HB Schaft/Shank
.20 HE Schaft/Shank



D1	D2	L2	L1	Artikel-Nr./ Article-No.
18,00	18,00	73	123	604.180.00
18,50	20,00	79	131	604.185.00
19,00	20,00	79	131	604.190.00
19,30	20,00	79	131	604.193.00
19,50	20,00	79	131	604.195.00
19,80	20,00	79	131	604.198.00
20,00	20,00	79	131	604.200.00

Artikel-Nr. **614...**


D1	D2	L2	L1	NL	Artikel-Nr./ Article-No.
1,00	3,00	10	55	6,50	614.010.00
1,10	3,00	12	55	9,50	614.011.00
1,20	3,00	12	55	9,50	614.012.00
1,30	3,00	12	55	9,50	614.013.00
1,40	3,00	12	55	9,50	614.014.00
1,50	3,00	12	55	9,50	614.015.00
1,60	3,00	16	55	13,00	614.016.00
1,70	3,00	16	55	13,00	614.017.00
1,80	3,00	16	55	13,00	614.018.00
1,90	3,00	16	55	13,00	614.019.00
2,00	3,00	16	57	13,00	614.020.00
2,10	3,00	21	57	21,00	614.021.00
2,20	3,00	21	57	21,00	614.022.00
2,30	3,00	21	57	21,00	614.023.00
2,40	3,00	21	57	21,00	614.024.00
2,50	3,00	21	57	21,00	614.025.00
2,60	3,00	21	57	21,00	614.026.00
2,70	3,00	21	57	21,00	614.027.00
2,80	3,00	21	57	21,00	614.028.00
2,90	3,00	21	57	21,00	614.029.00
3,00	6,00	28	66	23,00	614.030.00
3,10	6,00	28	66	23,00	614.031.00
3,20	6,00	28	66	23,00	614.032.00
3,30	6,00	28	66	23,00	614.033.00
3,40	6,00	28	66	23,00	614.034.00
3,50	6,00	28	66	23,00	614.035.00
3,60	6,00	28	66	23,00	614.036.00
3,65	6,00	28	66	23,00	614.365.00
3,70	6,00	28	66	23,00	614.037.00
3,80	6,00	36	74	29,00	614.038.00
3,90	6,00	36	74	29,00	614.039.00
4,00	6,00	36	74	29,00	614.040.00
4,10	6,00	36	74	29,00	614.041.00
4,20	6,00	36	74	29,00	614.042.00
4,30	6,00	36	74	29,00	614.043.00
4,40	6,00	36	74	29,00	614.044.00
4,50	6,00	36	74	29,00	614.045.00
4,60	6,00	36	74	29,00	614.046.00
4,65	6,00	36	74	29,00	614.465.00
4,70	6,00	36	74	29,00	614.047.00
4,80	6,00	44	82	35,00	614.048.00
4,90	6,00	44	82	35,00	614.049.00

 VHM – Spiralbohrer 6xD
Solid carbide drill

 .00 HA Schaft/Shank
 .10 HB Schaft/Shank
 .20 HE Schaft/Shank


D1	D2	L2	L1	NL	Artikel-Nr./ Article-No.
5,00	6,00	44	82	35,00	614.050.00
5,10	6,00	44	82	35,00	614.051.00
5,20	6,00	44	82	35,00	614.052.00
5,30	6,00	44	82	35,00	614.053.00
5,40	6,00	44	82	35,00	614.054.00
5,50	6,00	44	82	35,00	614.055.00
5,55	6,00	44	82	35,00	614.555.00
5,60	6,00	44	82	35,00	614.056.00
5,70	6,00	44	82	35,00	614.057.00
5,80	6,00	44	82	35,00	614.058.00
5,90	6,00	44	82	35,00	614.059.00
6,00	6,00	44	82	35,00	614.060.00
6,10	8,00	53	91	43,00	614.061.00
6,20	8,00	53	91	43,00	614.062.00
6,30	8,00	53	91	43,00	614.063.00
6,40	8,00	53	91	43,00	614.064.00
6,50	8,00	53	91	43,00	614.065.00
6,60	8,00	53	91	43,00	614.066.00
6,70	8,00	53	91	43,00	614.067.00
6,80	8,00	53	91	43,00	614.068.00
6,90	8,00	53	91	43,00	614.069.00
7,00	8,00	53	91	43,00	614.070.00
7,10	8,00	53	91	43,00	614.071.00
7,20	8,00	53	91	43,00	614.072.00
7,30	8,00	53	91	43,00	614.073.00
7,40	8,00	53	91	43,00	614.074.00
7,50	8,00	53	91	43,00	614.075.00
7,60	8,00	53	91	43,00	614.076.00
7,70	8,00	53	91	43,00	614.077.00
7,80	8,00	53	91	43,00	614.078.00
7,90	8,00	53	91	43,00	614.079.00

Artikel-Nr. **614...**

 VHM – Spiralbohrer 6xD
 Solid carbide drill


D1	D2	L2	L1	NL	Artikel-Nr./ Article-No.
8,00	8,00	53	91	43,00	614.080.00
8,10	10,00	61	103	49,00	614.081.00
8,20	10,00	61	103	49,00	614.082.00
8,30	10,00	61	103	49,00	614.083.00
8,40	10,00	61	103	49,00	614.084.00
8,50	10,00	61	103	49,00	614.085.00
8,60	10,00	61	103	49,00	614.086.00
8,70	10,00	61	103	49,00	614.087.00
8,80	10,00	61	103	49,00	614.088.00
8,90	10,00	61	103	49,00	614.089.00
9,00	10,00	61	103	49,00	614.090.00
9,10	10,00	61	103	49,00	614.091.00
9,20	10,00	61	103	49,00	614.092.00
9,30	10,00	61	103	49,00	614.093.00
9,40	10,00	61	103	49,00	614.094.00
9,50	10,00	61	103	49,00	614.095.00
9,55	10,00	61	103	49,00	614.955.00
9,60	10,00	61	103	49,00	614.096.00
9,70	10,00	61	103	49,00	614.097.00
9,80	10,00	61	103	49,00	614.098.00
9,90	10,00	61	103	49,00	614.099.00
10,00	10,00	61	103	49,00	614.100.00
10,10	12,00	71	118	56,00	614.101.00
10,20	12,00	71	118	56,00	614.102.00
10,30	12,00	71	118	56,00	614.103.00
10,40	12,00	71	118	56,00	614.104.00
10,50	12,00	71	118	56,00	614.105.00
10,60	12,00	71	118	56,00	614.106.00
10,70	12,00	71	118	56,00	614.107.00
10,80	12,00	71	118	56,00	614.108.00
10,90	12,00	71	118	56,00	614.109.00
11,00	12,00	71	118	56,00	614.110.00
11,10	12,00	71	118	56,00	614.111.00
11,20	12,00	71	118	56,00	614.112.00
11,30	12,00	71	118	56,00	614.113.00
11,40	12,00	71	118	56,00	614.114.00
11,50	12,00	71	118	56,00	614.115.00
11,55	12,00	71	118	56,00	614.1155.00
11,60	12,00	71	118	56,00	614.116.00
11,70	12,00	71	118	56,00	614.117.00
11,80	12,00	71	118	56,00	614.118.00
11,90	12,00	71	118	56,00	614.119.00
12,00	12,00	71	118	56,00	614.120.00
12,20	14,00	77	124	60,00	614.122.00
12,30	14,00	77	124	60,00	614.123.00
12,50	14,00	77	124	60,00	614.125.00
12,80	14,00	77	124	60,00	614.128.00

 .00 HA Schaft/Shank
 .10 HB Schaft/Shank
 .20 HE Schaft/Shank


D1	D2	L2	L1	NL	Artikel-Nr./ Article-No.
13,00	14,00	77	124	60,00	614.130.00
13,50	14,00	77	124	60,00	614.135.00
13,80	14,00	77	124	60,00	614.138.00
14,00	14,00	77	124	60,00	614.140.00
14,50	16,00	83	133	63,00	614.145.00
14,80	16,00	83	133	63,00	614.148.00
15,00	16,00	83	133	63,00	614.150.00
15,50	16,00	83	133	63,00	614.155.00
15,80	16,00	83	133	63,00	614.158.00
16,00	16,00	83	133	63,00	614.160.00
16,50	18,00	93	143	71,00	614.165.00
16,80	18,00	93	143	71,00	614.168.00
17,00	18,00	93	143	71,00	614.170.00
17,50	18,00	93	143	71,00	614.175.00
17,80	18,00	93	143	71,00	614.178.00
18,00	18,00	93	143	71,00	614.180.00
18,50	20,00	101	153	77,00	614.185.00
19,00	20,00	101	153	77,00	614.190.00
19,50	20,00	101	153	77,00	614.195.00
20,00	20,00	101	153	77,00	614.200.00



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