

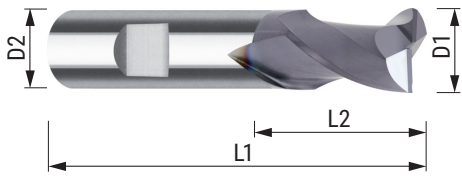
InovaTools®
GERMAN TOOLS GROUP

quality at a
low price

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

2019



Artikel-Nr. 922.1...


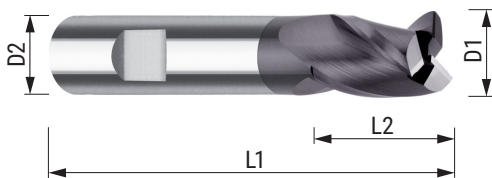
D1	D2	L2	L1	Z	Artikel-Nr./ Article-No.	HA blank	HB blank	HA	HB
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2,00	6,00	6	50	2	922.102...	.09	.19	.00	.10
3,00	6,00	6	50	2	922.103...	.09	.19	.00	.10
4,00	6,00	8	50	2	922.104...	.09	.19	.00	.10
5,00	6,00	8	50	2	922.105...	.09	.19	.00	.10
6,00	6,00	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


NEW

Universal

+xyz

Artikel-Nr. 923.2...


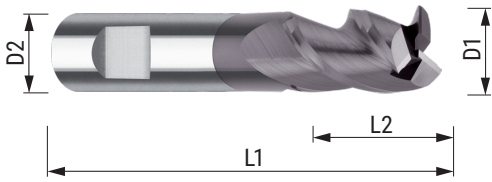
D1	D2	L2	L1	Z	Artikel-Nr./ Article-No.	HA blank	HB blank	HA	HB
1,00	6,00 h6	5	50	3	923.201...	.09	.19	.00	.10
2,00	6,00	6	50	3	923.202...	.09	.19	.00	.10
3,00	6,00	6	50	3	923.203...	.09	.19	.00	.10
4,00	6,00	8	50	3	923.204...	.09	.19	.00	.10
5,00	6,00	8	50	3	923.205...	.09	.19	.00	.10
6,00	6,00	16	50	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

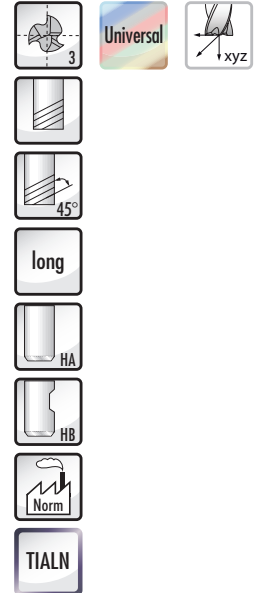
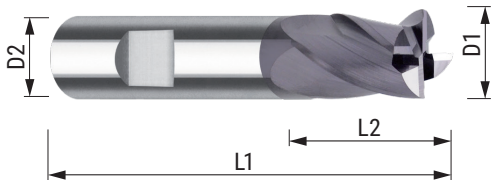

NEW

Universal

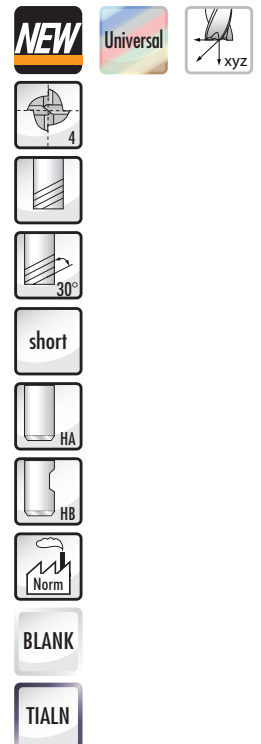
+xyz

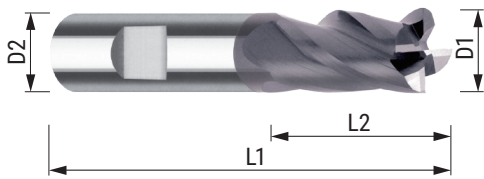
Artikel-Nr. 923.3...


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...


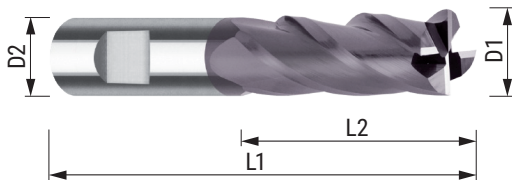
D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.	HA blank	HB blank	HA	HB
1,00	6,00	5	50	4	924.401...	.09	.19	.00	.10
2,00	6,00	7	50	4	924.402...	.09	.19	.00	.10
3,00	6,00	8	50	4	924.403...	.09	.19	.00	.10
4,00	6,00	11	50	4	924.404...	.09	.19	.00	.10
5,00	6,00	13	50	4	924.405...	.09	.19	.00	.10
6,00	6,00	16	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...


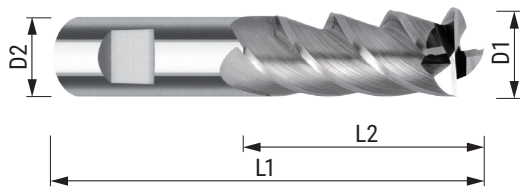
D1	D2	L2	L1	Z	Artikel-Nr./ Article-No.	HA blank	HB blank	HA	HB
1,00	6,00 h6	3	50	4	924.501...	.09	.19	.00	.10
2,00	6,00	4	50	4	924.502...	.09	.19	.00	.10
3,00	6,00	6	50	4	924.503...	.09	.19	.00	.10
4,00	6,00	8	50	4	924.504...	.09	.19	.00	.10
5,00	6,00	8	50	4	924.505...	.09	.19	.00	.10
6,00	6,00	13	57	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

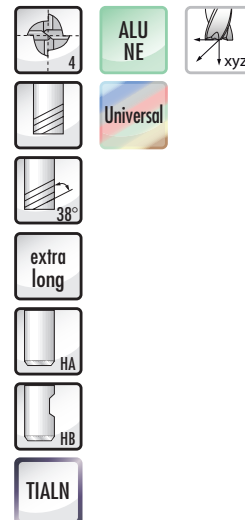
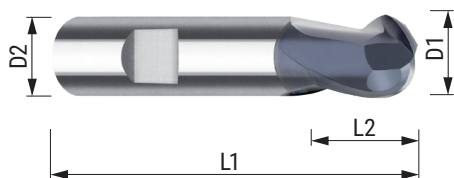
Artikel-Nr. 924.6...


D1	D2	L2	L1	Z	Artikel-Nr./ Article-No.	HA blank	HB blank	HA	HB
3,00	6,00 h6	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

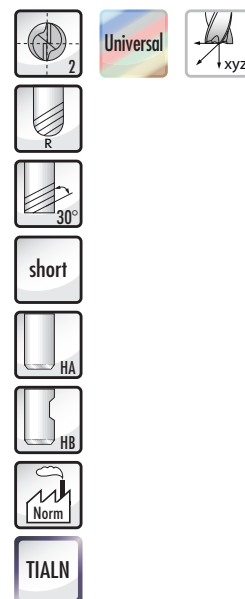
VHM – Bohrnutenfräser
Solid carbide slotting end mill

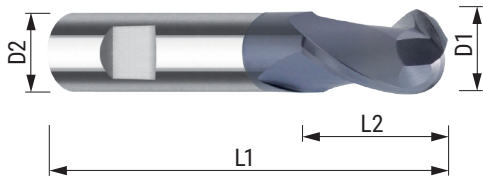

Artikel-Nr. **934.1...**


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

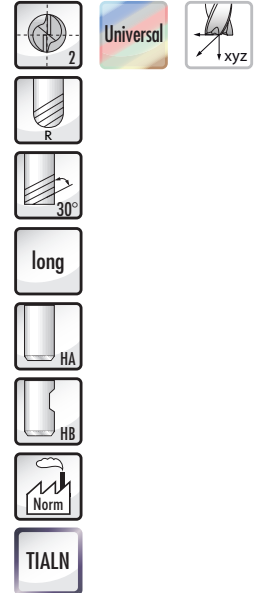
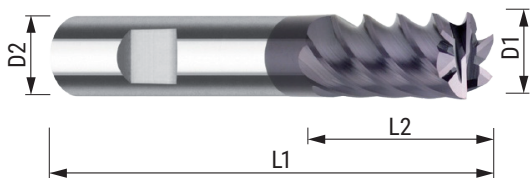
 VHM – Schaftfräser
 Solid carbide mill

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


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

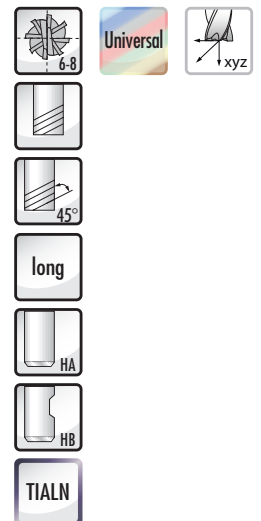
 VHM – Radiusfräser
 Solid carbide ball nose mill


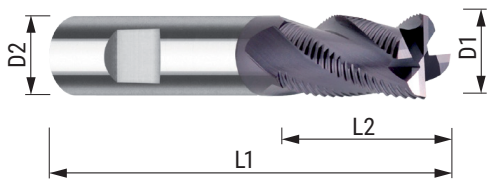
Artikel-Nr. 942.2...


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

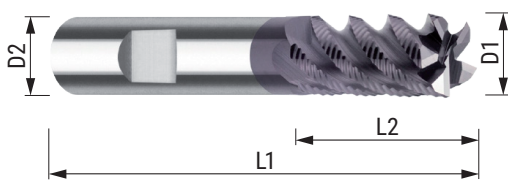
VHM – Radiusfräser
Solid carbide ball nose mill

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

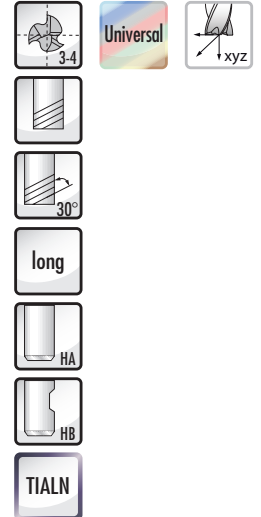
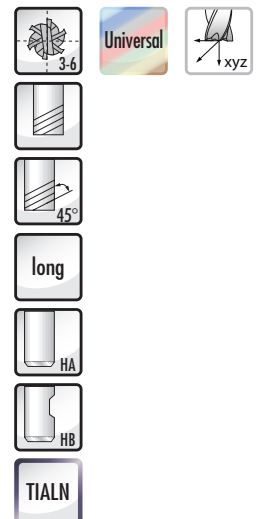
VHM – Schaftfräser
Solid carbide mill


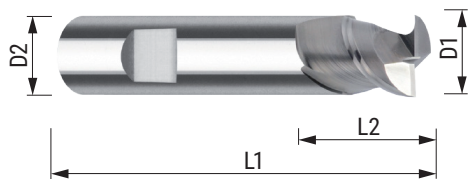
Artikel-Nr. **953.1...**


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

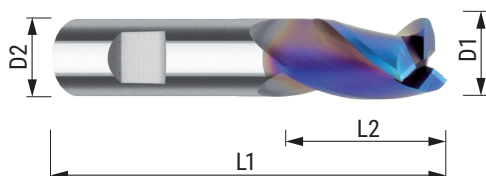
 Artikel-Nr. **953.2...**


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

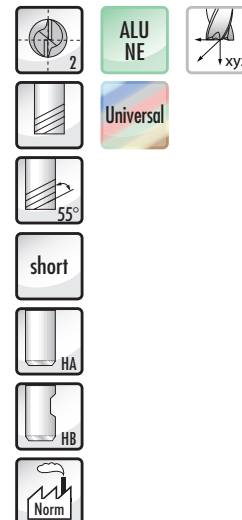
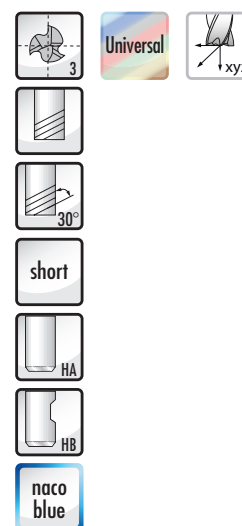
 VHM – Schruppfräser
 Solid carbide roughing mill

 VHM – Schruppfräser
 Solid carbide roughing mill


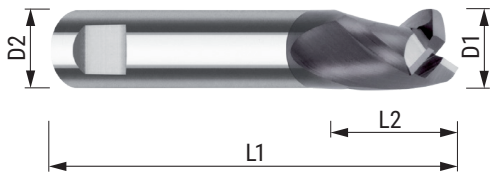
Artikel-Nr. 940.2...


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

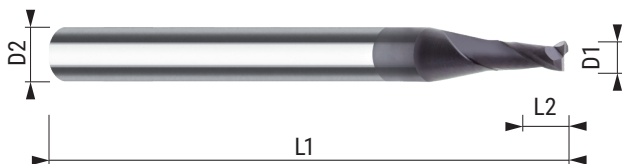
Artikel-Nr. 935...


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

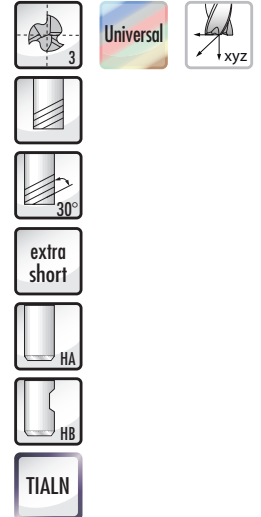
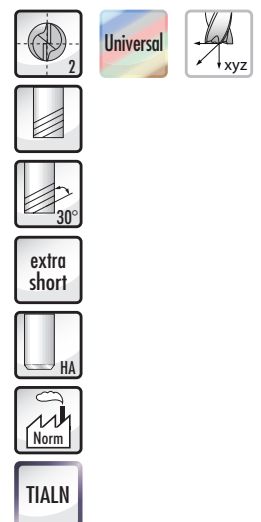
VHM – Alu-cutter
Solid carbide Alu-cutter

VHM – Bohrnutenfräser
Solid carbide slotting end mill


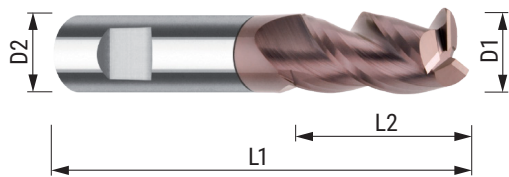
Artikel-Nr. 943.2...


D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.	HA	HB
2,00	6,00	4	38	3	943.202...	.00	.10
3,00	6,00	5	38	3	943.203...	.00	.10
4,00	6,00	7	38	3	943.204...	.00	.10
5,00	6,00	8	38	3	943.205...	.00	.10
6,00	6,00	8	38	3	943.206...	.00	.10
8,00	8,00	11	43	3	943.208...	.00	.10
10,00	10,00	13	50	3	943.210...	.00	.10
12,00	12,00	15	55	3	943.212...	.00	.10
16,00	16,00	18	62	3	943.216...	.00	.10
20,00	20,00	22	75	3	943.220...	.00	.10

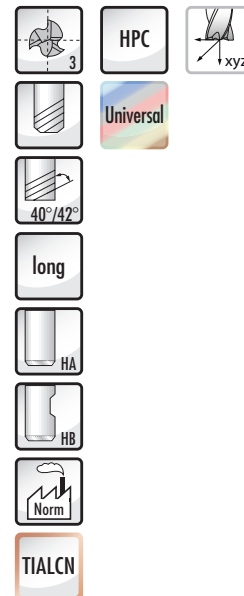
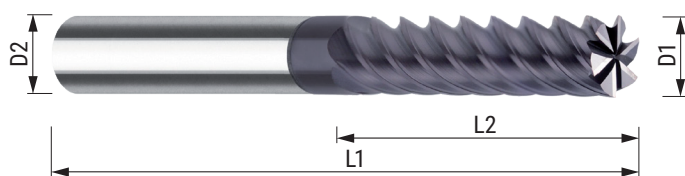
Artikel-Nr. 913.2...


D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.
0,50	3,00	1	38	2	913.205.00
0,60	3,00	1	38	2	913.206.00
0,70	3,00	1	38	2	913.207.00
0,80	3,00	1	38	2	913.208.00
0,90	3,00	1	38	2	913.209.00
1,00	3,00	2	38	2	913.210.00
1,10	3,00	2	38	2	913.211.00
1,20	3,00	2	38	2	913.212.00
1,40	3,00	2	38	2	913.214.00
1,50	3,00	2	38	2	913.215.00
1,60	3,00	2	38	2	913.216.00
1,70	3,00	3	38	2	913.217.00
1,80	3,00	3	38	2	913.218.00
1,90	3,00	3	38	2	913.219.00
2,00	3,00	3	38	2	913.220.00
2,50	3,00	3	38	2	913.225.00
3,00	3,00	3	38	2	913.230.00

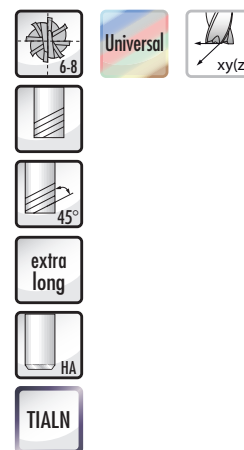
VHM – Bohrnutenfräser
Solid carbide slotting end mill

VHM – Bohrnutenfräser
Solid carbide slotting end mill


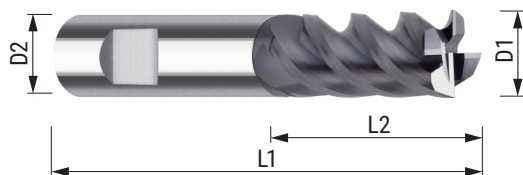
Artikel-Nr. **925.0...**


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

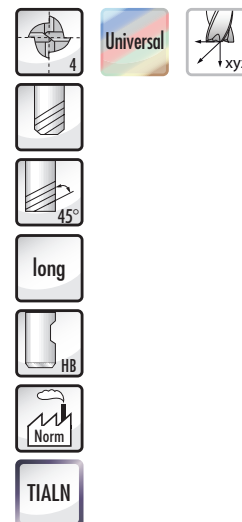
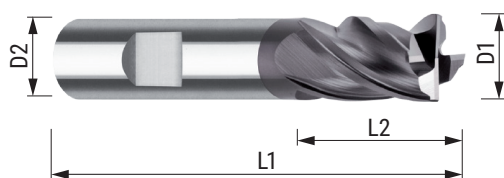
 VHM – Schaftfräser
 Solid carbide mill

 Artikel-Nr. **927...**


D1	D2 h6	L2	L1	Z	Artikel-Nr./ Article-No.
6,00	6,00	26	70	6	927.060.00
8,00	8,00	36	90	6	927.080.00
10,00	10,00	46	100	6	927.100.00
12,00	12,00	56	110	6	927.120.00
16,00	16,00	66	130	6	927.160.00
20,00	20,00	76	140	8	927.200.00

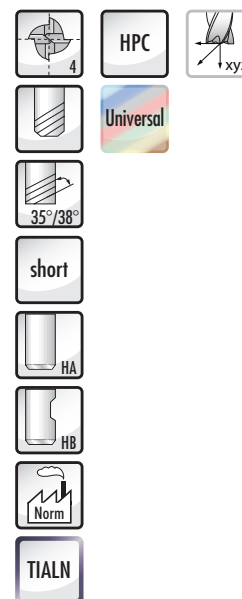
 VHM – Schaftfräser
 Solid carbide mill


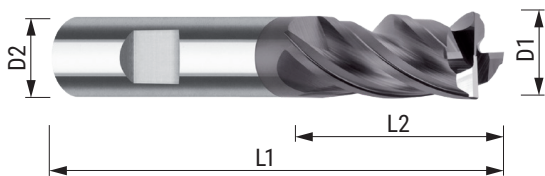
Artikel-Nr. **928...**

VHM – Schaftfräser
Solid carbide mill


D1	D2 h6	L2	L1	EF	Z	Artikel-Nr./ Article-No.
2,00	6,00	8	57	0,05	4	928.002.00
3,00	6,00	14	57	0,05	4	928.003.00
4,00	6,00	18	57	0,10	4	928.004.00
5,00	6,00	20	57	0,10	4	928.005.00
6,00	6,00	22	57	0,10	4	928.006.00
8,00	8,00	30	63	0,15	4	928.008.00
10,00	10,00	33	72	0,15	4	928.100.00
12,00	12,00	34	83	0,20	4	928.120.00
16,00	16,00	38	92	0,20	4	928.160.00
20,00	20,00	47	104	0,30	4	928.200.00

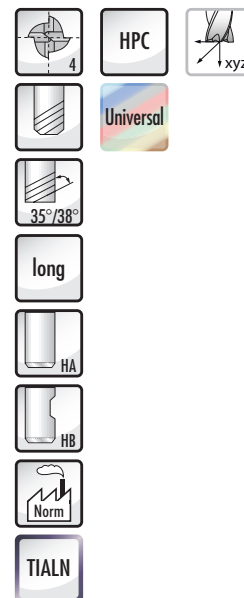
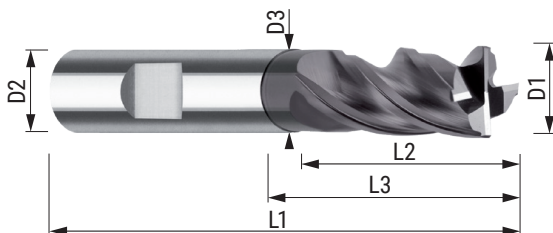

 Artikel-Nr. **973.1...**

VHM – Schaftfräser Starmax
Solid carbide mill


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

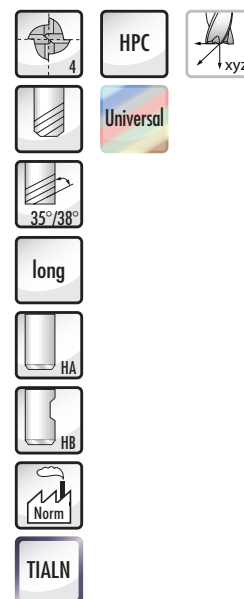


Artikel-Nr. **973.2...**

VHM – Schaftfräser Starmax
Solid carbide mill

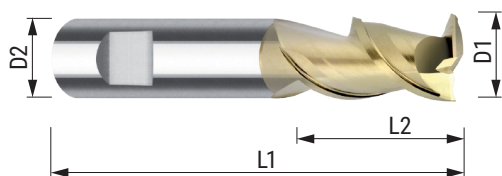

D1	D2 h6	L2	L1	EF	Z	Artikel-Nr./ Article-No.	HA	HB
3,00	6,00	8	57	0,10	4	973.203...	.00	.10
4,00	6,00	11	57	0,13	4	973.204...	.00	.10
5,00	6,00	13	57	0,18	4	973.205...	.00	.10
6,00	6,00	13	57	0,20	4	973.206...	.00	.10
8,00	8,00	19	63	0,20	4	973.208...	.00	.10
10,00	10,00	22	72	0,30	4	973.210...	.00	.10
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


 Artikel-Nr. **973.3...**

VHM – Schaftfräser Starmax
Solid carbide mill


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

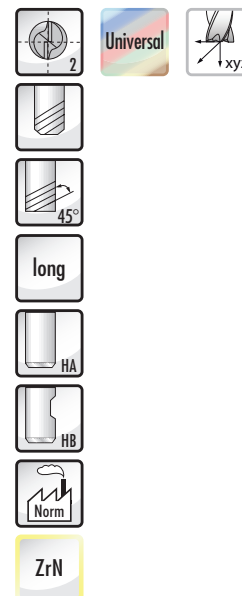


Artikel-Nr. **941.1...**

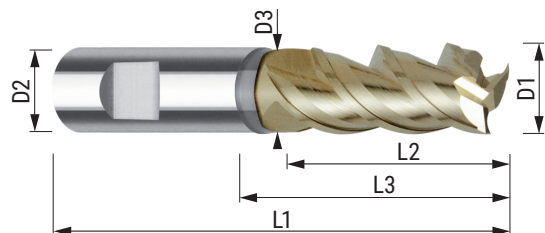


D1	D2 h6	L2	L1	D3	L3	EF	Z	Artikel-Nr./ Article-No.	HA	HB
2,00	6,00	8	57	1,90	16	0,05	2	941.102...	.00	.10
3,00	6,00	8	57	2,90	18	0,10	2	941.103...	.00	.10
4,00	6,00	11	57	3,90	18	0,10	2	941.104...	.00	.10
5,00	6,00	13	57	4,90	20	0,10	2	941.105...	.00	.10
6,00	6,00	13	57	5,90	20	0,10	2	941.106...	.00	.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

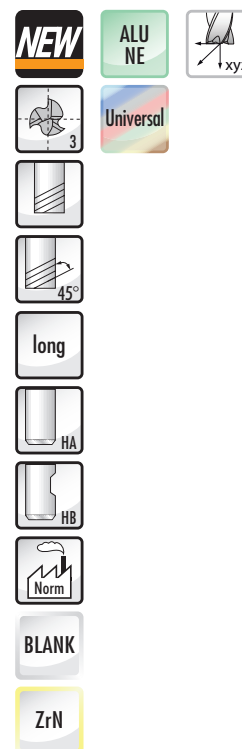


Artikel-Nr. **945...**

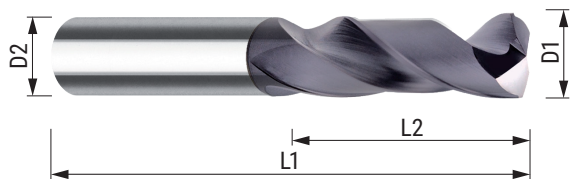


D1	D2 h6	L2	L1	D3	L3	Z	Artikel-Nr./ Article-No.	HA blank	HB blank	HA	HB
3,00	6,00	12	38	-	-	3	945.030...	.00	.10	.11	.19
4,00	6,00	12	54	3,80	18	3	945.040...	.00	.10	.11	.19
5,00	6,00	15	54	4,80	18	3	945.050...	.00	.10	.11	.19
6,00	6,00	16	57	5,80	21	3	945.060...	.00	.10	.11	.19
8,00	8,00	22	63	7,80	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



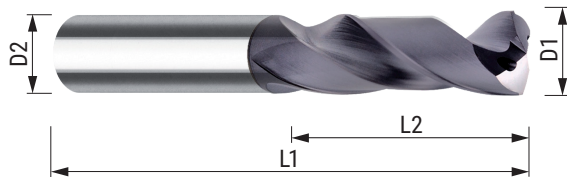
D1	D2	L2	L1	Artikel-Nr./ Article-No.
8,00	8,00	41	79	504.080.00
8,10	10,00	47	89	504.081.00
8,20	10,00	47	89	504.082.00
8,30	10,00	47	89	504.083.00
8,40	10,00	47	89	504.084.00
8,50	10,00	47	89	504.085.00
8,60	10,00	47	89	504.086.00
8,70	10,00	47	89	504.087.00
8,80	10,00	47	89	504.088.00
8,90	10,00	47	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

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



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



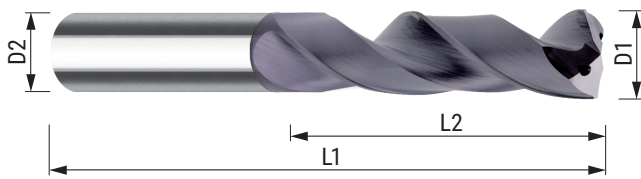
D1	D2	L2	L1	Artikel-Nr./ Article-No.
10,00	10,00	47	89	604.100.00
10,10	12,00	55	102	604.101.00
10,20	12,00	55	102	604.102.00
10,30	12,00	55	102	604.103.00
10,40	12,00	55	102	604.104.00
10,50	12,00	55	102	604.105.00
10,60	12,00	55	102	604.106.00
10,70	12,00	55	102	604.107.00
10,80	12,00	55	102	604.108.00
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...**



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.
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

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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