

2nd line 2020

Solid carbide tools

Special Program



2.152... VHM-Fräser



Ø1	Ø2	L2	L1	Z	Artikelnummer	HA	HB	Preis
2,00	6,00	6	57	2	2.152.020...	.00	.10	11,39
2,50	6,00	7	57	2	2.152.025...	.00	.10	11,39
3,00	6,00	7	57	2	2.152.030...	.00	.10	11,94
3,50	6,00	7	57	2	2.152.035...	.00	.10	11,94
4,00	6,00	8	57	2	2.152.040...	.00	.10	11,94
4,50	6,00	8	57	2	2.152.045...	.00	.10	11,94
5,00	6,00	10	57	2	2.152.050...	.00	.10	12,70
5,50	6,00	10	57	2	2.152.055...	.00	.10	12,70
6,00	6,00	10	57	2	2.152.060...	.00	.10	12,70
7,00	8,00	13	63	2	2.152.070...	.00	.10	17,41
7,75	8,00	16	63	2	2.152.075...	.00	.10	17,41
8,00	8,00	16	63	2	2.152.080...	.00	.10	17,41
9,00	10,00	16	72	2	2.152.090...	.00	.10	24,61
10,00	10,00	19	72	2	2.152.100...	.00	.10	24,61
12,00	12,00	22	83	2	2.152.120...	.00	.10	35,37
14,00	14,00	22	83	2	2.152.140...	.00	.10	48,30
16,00	16,00	26	92	2	2.152.160...	.00	.10	59,25
18,00	18,00	26	92	2	2.152.180...	.00	.10	80,50
20,00	20,00	32	104	2	2.152.200...	.00	.10	92,54

2.162... VHM-Fräser



Ø1	Ø2	L2	L1	Z	Artikelnummer	HA	HB	Preis
3,00	3,00	20	75	2	2.162.030...	.00	-	23,88
4,00	4,00	25	75	2	2.162.040...	.00	-	24,09
5,00	5,00	30	75	2	2.162.050...	.00	-	26,72
6,00	6,00	30	75	2	2.162.060...	.00	.10	28,48
8,00	8,00	40	100	2	2.162.080...	.00	.10	39,43
10,00	10,00	40	100	2	2.162.100...	.00	.10	49,94
12,00	12,00	45	150	2	2.162.120...	.00	.10	78,85
14,00	14,00	45	150	2	2.162.140...	.00	.10	102,95
16,00	16,00	65	150	2	2.162.160...	.00	.10	122,66
18,00	18,00	65	150	2	2.162.180...	.00	.10	144,57
20,00	20,00	65	150	2	2.162.200...	.00	.10	168,66

2.153... VHM-Fräser



Ø1	Ø2	L2	L1	Z	Artikelnummer	HA	HB	Preis
2,00	6,00	6	57	3	2.153.020...	.00	.10	11,39
2,50	6,00	7	57	3	2.153.025...	.00	.10	11,39
3,00	6,00	7	57	3	2.153.030...	.00	.10	11,94
3,50	6,00	7	57	3	2.153.035...	.00	.10	11,94
4,00	6,00	8	57	3	2.153.040...	.00	.10	11,94
4,50	6,00	8	57	3	2.153.045...	.00	.10	11,94
5,00	6,00	10	57	3	2.153.050...	.00	.10	12,70
6,00	6,00	10	57	3	2.153.060...	.00	.10	12,70
7,00	8,00	13	63	3	2.153.070...	.00	.10	17,41
8,00	8,00	16	63	3	2.153.080...	.00	.10	17,41
9,00	10,00	16	72	3	2.153.090...	.00	.10	24,61
10,00	10,00	19	72	3	2.153.100...	.00	.10	24,61
12,00	12,00	22	83	3	2.153.120...	.00	.10	35,37
14,00	14,00	22	83	3	2.153.140...	.00	.10	48,30
16,00	16,00	26	92	3	2.153.160...	.00	.10	59,25
18,00	18,00	26	92	3	2.153.180...	.00	.10	80,50
20,00	20,00	32	104	3	2.153.200...	.00	.10	92,54



2.163... VHM-Fräser



Ø1	Ø2	L2	L1	Z	Artikelnummer	HA	HB	Preis
3,00	3,00	20	75	3	2.163.030...	.00	-	23,88
4,00	4,00	25	75	3	2.163.040...	.00	-	24,09
5,00	5,00	30	75	3	2.163.050...	.00	-	26,72
6,00	6,00	30	75	3	2.163.060...	.00	.10	28,48
8,00	8,00	40	100	3	2.163.080...	.00	.10	39,43
10,00	10,00	40	100	3	2.163.100...	.00	.10	49,94
12,00	12,00	45	150	3	2.163.120...	.00	.10	78,85
16,00	16,00	65	150	3	2.163.160...	.00	.10	122,66
20,00	20,00	65	150	3	2.163.200...	.00	.10	168,66



2.154... VHM-Fräser



Ø1	Ø2	L2	L1	Z	Artikelnummer	HA	HB	Preis
3,00	6,00	8	57	4	2.154.030...	.00	.10	12,42
3,50	6,00	10	57	4	2.154.035...	.00	.10	12,42
4,00	6,00	11	57	4	2.154.040...	.00	.10	12,42
4,50	6,00	11	57	4	2.154.045...	.00	.10	12,42
5,00	6,00	13	57	4	2.154.050...	.00	.10	13,21
6,00	6,00	13	57	4	2.154.060...	.00	.10	13,21
7,00	8,00	16	63	4	2.154.070...	.00	.10	18,11
8,00	8,00	19	63	4	2.154.080...	.00	.10	18,11
9,00	10,00	19	72	4	2.154.090...	.00	.10	25,59
10,00	10,00	22	72	4	2.154.100...	.00	.10	25,59
12,00	12,00	26	83	4	2.154.120...	.00	.10	36,79
14,00	14,00	26	83	4	2.154.140...	.00	.10	50,23
16,00	16,00	32	92	4	2.154.160...	.00	.10	61,62
18,00	18,00	32	92	4	2.154.180...	.00	.10	83,72
20,00	20,00	38	104	4	2.154.200...	.00	.10	96,25



2.164... VHM-Fräser



Ø1	Ø2	L2	L1	Z	Artikelnummer	HA	HB	Preis
3,00	3,00	20	75	4	2.164.030...	.00	-	24,83
4,00	4,00	25	75	4	2.164.040...	.00	-	25,06
5,00	5,00	30	75	4	2.164.050...	.00	-	27,80
6,00	6,00	30	75	4	2.164.060...	.00	.10	29,61
8,00	8,00	45	100	4	2.164.080...	.00	.10	41,00
10,00	10,00	45	100	4	2.164.100...	.00	.10	51,93
12,00	12,00	65	150	4	2.164.120...	.00	.10	82,01
14,00	14,00	45	150	4	2.164.140...	.00	.10	107,07
16,00	16,00	65	150	4	2.164.160...	.00	.10	127,57
18,00	18,00	65	150	4	2.164.180...	.00	.10	150,35
20,00	20,00	65	150	4	2.164.200...	.00	.10	175,41



2.172... VHM-ALU-Fräser



Ø1	Ø2	L2	L1	Z	Artikelnummer	HA	HB	Preis
3,00	6,00	4	50	2	2.172.030...	.00	.10	10,84
4,00	6,00	5	54	2	2.172.040...	.00	.10	10,84
5,00	6,00	6	54	2	2.172.050...	.00	.10	10,84
6,00	6,00	7	54	2	2.172.060...	.00	.10	10,84
8,00	8,00	9	58	2	2.172.080...	.00	.10	15,88
10,00	10,00	11	66	2	2.172.100...	.00	.10	20,92
12,00	12,00	12	73	2	2.172.120...	.00	.10	29,02
14,00	14,00	14	75	2	2.172.140...	.00	.10	39,32
16,00	16,00	16	82	2	2.172.160...	.00	.10	50,38
18,00	18,00	18	84	2	2.172.180...	.00	.10	62,97
20,00	20,00	20	92	2	2.172.200...	.00	.10	78,85



2.184... VHM-Fräser



Ø1	Ø2	L2	L1	Ø3	L3	EF	Z	Artikelnummer	HA	HB	Preis
6,00	6,00	13	57	5,5	21	0,2	4	2.184.060...	.00	.10	23,49
8,00	8,00	19	63	7,5	27	0,2	4	2.184.080...	.00	.10	31,21
10,00	10,00	22	72	9,5	32	0,3	4	2.184.100...	.00	.10	44,14
12,00	12,00	26	83	11,5	38	0,3	4	2.184.120...	.00	.10	54,87
16,00	16,00	32	92	15,5	44	0,4	4	2.184.160...	.00	.10	93,64
20,00	20,00	38	104	19,5	54	0,5	4	2.184.200...	.00	.10	142,27



2.143... VHM-Fräser



Ø1	Ø2	L2	L1	Z	Artikelnummer	HA	HB	Preis
3,00	6,00	6	57	3	2.143.030...	.00	.10	13,44
4,00	6,00	8	57	3	2.143.040...	.00	.10	13,44
5,00	6,00	10	57	3	2.143.050...	.00	.10	13,44
6,00	6,00	16	57	3	2.143.060...	.00	.10	14,74
8,00	8,00	16	63	3	2.143.080...	.00	.10	19,51
10,00	10,00	22	72	4	2.143.100...	.00	.10	27,34
12,00	12,00	26	83	4	2.143.120...	.00	.10	40,27
16,00	16,00	32	92	4	2.143.160...	.00	.10	64,85
20,00	20,00	38	104	4	2.143.200...	.00	.10	108,81

2.134... VHM-Fräser



Ø1	Ø2	L2	L1	EF	Z	Artikelnummer	HA	HB	Preis
3,00	6,00	6	54	0,10	4	2.134.030...	.00	.10	11,73
4,00	6,00	8	54	0,13	4	2.134.040...	.00	.10	11,73
5,00	6,00	9	54	0,18	4	2.134.050...	.00	.10	11,73
6,00	6,00	10	54	0,20	4	2.134.060...	.00	.10	12,30
8,00	8,00	12	58	0,20	4	2.134.080...	.00	.10	15,68
10,00	10,00	14	66	0,30	4	2.134.100...	.00	.10	22,33
12,00	12,00	16	73	0,30	4	2.134.120...	.00	.10	31,03
14,00	14,00	18	75	0,30	4	2.134.140...	.00	.10	38,35
16,00	16,00	22	82	0,40	4	2.134.160...	.00	.10	51,33
18,00	18,00	24	84	0,40	4	2.134.180...	.00	.10	61,59
20,00	20,00	26	92	0,50	4	2.134.200...	.00	.10	78,96

2.124... VHM-Fräser



Ø1	Ø2	L2	L1	EF	Z	Artikelnummer	HA	HB	Preis
3,00	6,00	8	57	0,10	4	2.124.030...	.00	.10	14,10
4,00	6,00	11	57	0,13	4	2.124.040...	.00	.10	14,10
5,00	6,00	13	57	0,18	4	2.124.050...	.00	.10	14,10
6,00	6,00	13	57	0,20	4	2.124.060...	.00	.10	15,40
8,00	8,00	19	63	0,20	4	2.124.080...	.00	.10	20,87
10,00	10,00	22	72	0,30	4	2.124.100...	.00	.10	27,34
12,00	12,00	26	83	0,30	4	2.124.120...	.00	.10	38,31
14,00	14,00	26	83	0,30	4	2.124.140...	.00	.10	47,71
16,00	16,00	32	92	0,40	4	2.124.160...	.00	.10	60,28
18,00	18,00	32	92	0,40	4	2.124.180...	.00	.10	71,94
20,00	20,00	38	104	0,50	4	2.124.200...	.00	.10	93,18



2nd
line