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GENERAL PURPOSE MILLING CUTTERS

MARKET LEADING QUALITY AT THE UK'S BEST PRICES

P H M K

10% OFF

CARBIDE MILLING CUTTERS

SQUARE END

from £5.22



PAGE 2

RIPPERS

from £18.63



PAGE 3

BALL NOSE

from £7.01



PAGE 3

RIB PROCESSING

from £9.25



PAGE 4

35% OFF

HSS MILLING CUTTERS

SQUARE END

from £5.44



PAGE 6

RIPPERS

from £12.19



PAGE 7

BALL NOSE

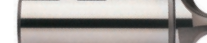
from £7.75



PAGE 7

CORNER ROUNDING

from £26.74



PAGE 8



The highest quality coated micrograin carbide milling cutters and premium superhardened coated HSS milling cutters from global market leader **YG-1**. Excellent value general purpose machining across a wide range of materials.

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Rated Excellent

NC Mill Carbide Milling Cutters

SAVE 10%

2 FLUTE STANDARD & LONG LENGTH X-COATED CARBIDE SLOT DRILL

SAVE 10%

Plain shank



from **£5.22**

Dia	Shank	Flute Length	Overall Length	Order Code	List Price	Offer Price
2 Flute Standard Length (G9F41 Series)						
1	4	3	50	G9F41010N	£7.05	£6.35
1.5	4	4	50	G9F41015NC	£6.61	£5.95
2	4	6	50	G9F41020N	£5.80	£5.22
2.5	4	8	50	G9F41025NC	£6.61	£5.95
3	4	8	50	G9F41030N	£5.80	£5.22
3.5	4	10	50	G9F41035NC	£6.61	£5.95
4	4	11	50	G9F41040N	£6.51	£5.86
4.5	4.5	12	50	G9F41045NC	£7.83	£7.05
5	6	13	50	G9F41050N	£8.66	£7.79
5.5	5.5	15	50	G9F41055NC	£8.57	£7.71
6	6	16	50	G9F41060N	£8.66	£7.79
7	7	20	60	G9F41070NC	£13.20	£11.88
8	8	20	60	G9F41080N	£13.07	£11.76
9	9	20	60	G9F41090NC	£19.93	£17.94
10	10	25	75	G9F41100N	£19.69	£17.72
12	12	32	75	G9F41120N	£26.87	£24.18
14	14	32	75	G9F41140N	£35.86	£32.27
16	16	32	75	G9F41160N	£47.17	£42.45
20	20	32	100	G9F41200N	£79.89	£71.90
2 Flute Long Length (G9F81 Series)						
3	3	10	75	G9F81030NC	£9.54	£8.59
4	4	12	75	G9F81040NC	£10.56	£9.50
5	5	20	75	G9F81050NC	£13.83	£12.45
6	6	20	75	G9F81060NC	£15.37	£13.83
8	8	25	75	G9F81080NC	£23.62	£21.26
10	10	40	100	G9F81100NC	£38.10	£34.29
12	12	45	100	G9F81120NC	£53.93	£48.54



4 FLUTE STANDARD & LONG LENGTH X-COATED CARBIDE END MILL

SAVE 10%

Plain shank



from **£5.22**

Dia	Shank	Flute Length	Overall Length	Order Code	List Price	Offer Price
4 Flute Standard Length (G9F42 Series)						
1	4	3	50	G9F42010N	£7.05	£6.35
1.5	4	4	50	G9F42015NC	£6.61	£5.95
2	4	6	50	G9F42020N	£5.80	£5.22
2.5	4	8	50	G9F42025NC	£6.61	£5.95
3	4	8	50	G9F42030N	£5.80	£5.22
3.5	4	10	50	G9F42035NC	£6.61	£5.95
4	4	11	50	G9F42040N	£6.51	£5.86
4.5	4.5	12	50	G9F42045NC	£7.83	£7.05
5	6	13	50	G9F42050N	£8.66	£7.79
5.5	5.5	15	50	G9F42055NC	£8.66	£7.79
6	6	16	50	G9F42060N	£8.66	£7.79
7	7	20	60	G9F42070NC	£13.20	£11.88
8	8	20	60	G9F42080N	£13.07	£11.76
9	9	20	60	G9F42090NC	£19.93	£17.94
10	10	25	75	G9F42100N	£19.69	£17.72
12	12	32	75	G9F42120N	£26.87	£24.18
14	14	32	75	G9F42140N	£35.86	£32.27
16	16	32	75	G9F42160N	£47.17	£42.45
20	20	32	100	G9F42200N	£79.89	£71.90
4 Flute Long Length (G9F82 Series)						
3	3	10	75	G9F82030NC	£9.54	£8.59
4	4	12	75	G9F82040NC	£10.56	£9.50
5	5	20	75	G9F82050NC	£13.83	£12.45
6	6	20	75	G9F82060NC	£15.37	£13.83
8	8	25	75	G9F82080NC	£23.62	£21.26
10	10	40	100	G9F82100NC	£38.10	£34.29
12	12	45	100	G9F82120NC	£53.93	£48.54



3 FLUTE STANDARD LENGTH X-COATED CARBIDE SLOT DRILL

SAVE 10%

Plain shank



from **£5.22**

Dia	Shank	Flute Length	Overall Length	Order Code	List Price	Offer Price
1	4	3	50	G9F43010N	£7.05	£6.35
2	4	6	50	G9F43020N	£5.80	£5.22
3	4	8	50	G9F43030N	£5.80	£5.22
4	4	11	50	G9F43040N	£6.51	£5.86
5	6	13	50	G9F43050N	£8.66	£7.79
6	6	16	50	G9F43060N	£8.66	£7.79
8	8	20	60	G9F43080N	£13.07	£11.76
10	10	25	75	G9F43100N	£19.69	£17.72
12	12	32	75	G9F43120N	£26.87	£24.18
14	14	32	75	G9F43140N	£35.86	£32.27
16	16	32	75	G9F43160N	£47.17	£42.45
20	20	32	100	G9F43200N	£79.89	£71.90



3 FLUTE, THROW-AWAY, SHORT LENGTH X-COATED CARBIDE SLOT DRILL

SAVE 10%

Weldon shank



from **£8.60**

Dia	Shank	Flute Length	Overall Length	Order Code	List Price	Offer Price
2	6	4	35	G9F86020NC	£9.55	£8.60
2.5	6	5	36	G9F86025NC	£9.55	£8.60
3	6	5	36	G9F86030NC	£9.55	£8.60
3.5	6	6	37	G9F86035NC	£9.55	£8.60
4	6	7	38	G9F86040NC	£9.55	£8.60
5	6	8	39	G9F86050NC	£9.55	£8.60
6	6	8	39	G9F86060NC	£9.55	£8.60
8	8	11	43	G9F86080NC	£15.08	£13.57
10	10	13	50	G9F86100NC	£21.67	£19.50
12	12	15	55	G9F86120NC	£29.88	£26.89



6 FLUTE, 45° HIGH HELIX, STANDARD LENGTH, X-COATED CARBIDE END MILL / FINISHER

SAVE 10%

from **£15.66**

- For supreme surface finish or trochoidal milling
- Plain shank



Dia	Shank	Flute Length	Overall Length	Order Code	List Price	Offer Price
6	6	15	50	G9F85060NC	£17.40	£15.66
8	8	20	60	G9F85080NC	£21.29	£19.16
10	10	25	75	G9F85100NC	£32.47	£29.22
12	12	30	75	G9F85120NC	£42.42	£38.18
16	16	40	100	G9F85160NC	£83.70	£75.33

4 FLUTE, CORNER RADIUS X-COATED CARBIDE END MILL

SAVE 10%

from **£9.70**

Plain shank



Dia	R	Shank	Flute Length	Overall Length	Order Code	List Price	Offer Price
2	0.2	4	6	50	G9F8402002NC	£10.78	£9.70
2	0.3	4	6	50	G9F8402003NC	£10.78	£9.70
2	0.5	4	6	50	G9F8402005NC	£10.78	£9.70
3	0.2	4	8	50	G9F8403002NC	£10.78	£9.70
3	0.3	4	8	50	G9F8403003NC	£10.78	£9.70
3	0.5	4	8	50	G9F8403005NC	£10.78	£9.70
3	1	4	8	50	G9F840301NC	£10.78	£9.70
4	0.2	4	10	50	G9F8404002NC	£10.78	£9.70
4	0.3	4	10	50	G9F8404003NC	£10.78	£9.70
4	0.5	4	10	50	G9F8404005NC	£10.78	£9.70
4	1	4	10	50	G9F840401NC	£10.78	£9.70
5	0.2	6	13	50	G9F8405002NC	£12.94	£11.65
5	0.3	6	13	50	G9F8405003NC	£12.94	£11.65
5	0.5	6	13	50	G9F8405005NC	£12.94	£11.65
5	1	6	13	50	G9F840501NC	£12.94	£11.65
6	0.2	6	15	50	G9F8406002NC	£12.94	£11.65
6	0.3	6	15	50	G9F8406003NC	£12.94	£11.65
6	0.5	6	15	50	G9F8406005NC	£12.94	£11.65
6	1	6	15	50	G9F840601NC	£12.94	£11.65
8	0.5	8	20	60	G9F8408005NC	£21.91	£19.72
8	1	8	20	60	G9F840801NC	£21.91	£19.72
8	1.5	8	20	60	G9F8408015NC	£21.91	£19.72
8	2	8	20	60	G9F840802NC	£21.91	£19.72
8	2.5	8	20	60	G9F8408025NC	£21.91	£19.72
10	0.5	10	25	75	G9F8410005NC	£31.22	£28.10
10	1	10	25	75	G9F841001NC	£31.22	£28.10
10	1.5	10	25	75	G9F8410015NC	£31.22	£28.10
10	2	10	25	75	G9F841002NC	£31.22	£28.10
10	2.5	10	25	75	G9F8410025NC	£31.22	£28.10
12	0.5	12	30	75	G9F8412005NC	£41.22	£37.10
12	1	12	30	75	G9F841201NC	£41.22	£37.10
12	1.5	12	30	75	G9F8412015NC	£41.22	£37.10
12	2	12	30	75	G9F841202NC	£41.22	£37.10
12	2.5	12	30	75	G9F8412025NC	£41.22	£37.10

3-4 FLUTE, X-COATED CARBIDE FINE PITCH RIPPER

SAVE 10%

from **£18.63**

- Exceptional metal removal rates
- Weldon shank



Dia	Shank	Flute Length	Overall Length	No. of Flutes	Order Code	List Price	Offer Price
6	6	16	57	3	G9F87060NC	£20.70	£18.63
8	8	16	63	3	G9F87080NC	£22.91	£20.62
10	10	22	72	4	G9F87100NC	£36.94	£33.25
12	12	26	83	4	G9F87120NC	£50.17	£45.15
16	16	32	92	4	G9F87160NC	£78.19	£70.37
20	20	38	104	4	G9F87200NC	£112.04	£100.84

2 FLUTE, BALL NOSE, STANDARD & LONG LENGTH X-COATED CARBIDE SLOT DRILL

SAVE 10%

from **£7.01**

Plain shank



Dia	Shank	Flute Length	Overall Length	Order Code	List Price	Offer Price
2 Flute Standard Length (G9F44 Series)						
2	4	5	50	G9F44020N	£7.79	£7.01
3	4	6	50	G9F44030N	£7.79	£7.01
4	6	8	50	G9F44040N	£9.63	£8.67
5	6	10	50	G9F44050N	£9.63	£8.67
6	6	12	50	G9F44060N	£9.22	£8.30
8	8	14	60	G9F44080N	£15.20	£13.68
10	10	20	75	G9F44100N	£24.36	£21.92
12	12	24	75	G9F44120N	£31.24	£28.12
16	16	32	75	G9F44160N	£49.21	£44.29
20	20					

2 FLUTE, RIB PROCESSING X-COATED CARBIDE SLOT DRILL

- Plain shank



SAVE 10%
from **£9.25**



Dia	Shank	Flute Length	Reach	Overall Length	Order Code	List Price	Offer Price
0.4	4	0.7	2	50	G9F880042NC	£14.62	£13.16
0.4	4	0.7	4	50	G9F880044NC	£14.62	£13.16
0.5	4	0.75	2	50	G9F880052NC	£13.32	£11.99
0.5	4	0.75	6	50	G9F880056NC	£13.32	£11.99
0.7	4	1.1	4	50	G9F880074NC	£12.12	£10.91
0.7	4	1.1	6	50	G9F880076NC	£12.12	£10.91
0.8	4	1.2	6	50	G9F880086NC	£12.12	£10.91
1	4	1.5	6	50	G9F880106NC	£10.78	£9.70
1	4	1.5	8	50	G9F880108NC	£10.78	£9.70
1	4	1.5	12	50	G9F8801012NC	£11.45	£10.31
1.2	4	1.8	6	50	G9F880126NC	£10.78	£9.70
1.2	4	1.8	8	50	G9F880128NC	£10.78	£9.70
1.2	4	1.8	12	50	G9F8801212NC	£11.45	£10.31
1.5	4	2.3	6	50	G9F880156NC	£10.78	£9.70
1.5	4	2.3	8	50	G9F880158NC	£10.78	£9.70
1.5	4	2.3	12	50	G9F8801512NC	£11.45	£10.31
1.5	4	2.3	20	50	G9F8801520NC	£11.92	£10.73
2	4	3	6	50	G9F880206NC	£10.28	£9.25
2	4	3	10	50	G9F8802010NC	£10.28	£9.25
2	4	3	12	50	G9F8802012NC	£10.28	£9.25
2	4	3	16	50	G9F8802016NC	£10.68	£9.61
2	4	3	20	50	G9F8802020NC	£10.68	£9.61
2.5	4	3.7	12	50	G9F8802512NC	£10.28	£9.25
2.5	4	3.7	16	50	G9F8802516NC	£10.68	£9.61
2.5	4	3.7	20	50	G9F8802520NC	£10.68	£9.61
3	6	4.5	12	50	G9F8803012NC	£14.30	£12.87
3	6	4.5	16	60	G9F8803016NC	£14.62	£13.16
3	6	4.5	20	60	G9F8803020NC	£14.62	£13.16
3	6	4.5	25	75	G9F8803025NC	£14.62	£13.16
4	6	6	12	50	G9F8804012NC	£14.30	£12.87
4	6	6	16	60	G9F8804016NC	£14.62	£13.16
4	6	6	20	75	G9F8804020NC	£14.62	£13.16
4	6	6	25	75	G9F8804025NC	£14.62	£13.16

2 FLUTE, RIB PROCESSING, BALL NOSE X-COATED CARBIDE SLOT DRILL

- Plain shank



SAVE 10%
from **£12.41**



Dia	Shank	Flute Length	Reach	Overall Length	Order Code	List Price	Offer Price
0.5	4	0.75	2	50	G9F890052NC	£19.07	£17.16
0.6	4	0.9	6	50	G9F890066NC	£19.07	£17.16
0.8	4	1.2	6	50	G9F890086NC	£15.98	£14.38
0.8	4	1.2	8	50	G9F890088NC	£15.98	£14.38
1	4	1.5	6	50	G9F890106NC	£14.74	£13.27
1	4	1.5	8	50	G9F890108NC	£14.74	£13.27
1	4	1.5	12	50	G9F8901012NC	£15.72	£14.15
1.5	4	2.3	6	50	G9F890156NC	£14.74	£13.27
1.5	4	2.3	8	50	G9F890158NC	£14.74	£13.27
1.5	4	2.3	12	50	G9F8901512NC	£15.72	£14.15
2	4	3	8	50	G9F890208NC	£13.79	£12.41
2	4	3	10	50	G9F8902010NC	£13.79	£12.41
2	4	3	12	50	G9F8902012NC	£13.79	£12.41
2	4	3	16	50	G9F8902016NC	£14.62	£13.16
2	4	3	20	50	G9F8902020NC	£15.25	£13.73
3	6	4.5	12	50	G9F8903012NC	£16.06	£14.45
3	6	4.5	16	60	G9F8903016NC	£17.85	£16.07
3	6	4.5	20	60	G9F8903020NC	£19.17	£17.25
3	6	4.5	25	75	G9F8903025NC	£19.88	£17.89
4	6	6	12	50	G9F8904012NC	£16.06	£14.45
4	6	6	25	75	G9F8904025NC	£19.88	£17.89
4	6	6	30	75	G9F8904030NC	£20.63	£18.57



45° 4 FLUTE GENERAL PURPOSE SOLID CARBIDE CHAMFER MILL

TiAlN Coated Carbide

- Chamfer milling cutter suitable for general machining all materials up to HRC45
- 45° per side (90° inclusive)
- Plain shank



SAVE 20%
from **£14.28**



Dia	Shank	Overall Length	Order Code	List Price	Offer Price
6	6	38	CMC200-45-6	£17.85	£14.28
8	8	43	CMC200-45-8	£26.05	£20.84
10	10	50	CMC200-45-10	£35.67	£28.54
12	12	60	CMC200-45-12	£48.30	£38.64

60° 3-5 FLUTE SOLID CARBIDE CHAMFER MILL

- Ultra coated
- 60° per side (120° inclusive)
- Suitable for chamfering & deburring applications
- Weldon shank



SAVE 20%
from **£15.28**



Dia	Shank	Overall Length	No. of Flutes	Order Code	Price	Offer Price
1	3	39	3	CMC200-60-1	£19.10	£15.28
2	3	39	3	CMC200-60-2	£19.10	£15.28
3	3	39	3	CMC200-60-3	£21.04	£16.83
4	4	54	4	CMC200-60-4	£23.26	£18.61
6	6	57	5	CMC200-60-6	£27.96	£22.37
8	8	63	5	CMC200-60-8	£39.87	£31.90
10	10	72	5	CMC200-60-10	£53.43	£42.74
12	12	83	5	CMC200-60-12	£79.46	£63.57

30° 3-5 FLUTE SOLID CARBIDE CHAMFER MILL

- Ultra coated
- 30° per side (60° inclusive)
- Suitable for chamfering & deburring applications
- Weldon shank



SAVE 20%
from **£15.28**



Dia	Shank	Overall Length	No. of Flutes	Order Code	List Price	Offer Price
1	3	39	3	CMC200-30-1	£19.10	£15.28
2	3	39	3	CMC200-30-2	£19.10	£15.28
3	3	39	3	CMC200-30-3	£21.04	£16.83
4	4	54	4	CMC200-30-4	£23.26	£18.61
6	6	57	5	CMC200-30-6	£28.79	£23.03
8	8	63	5	CMC200-30-8	£39.87	£31.90
10	10	72	5	CMC200-30-10	£53.43	£42.74
12	12	83	5	CMC200-30-12	£79.46	£63.57

45° 3-4 FLUTE SOLID CARBIDE FRONT & BACK CHAMFER MILL

- 1 tool for multiple applications: chamfering, back chamfering, groove milling, countersinking & deburring
- TiAlN coated
- Plain shank



SAVE 20%
from **£18.27**



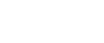
Dia	Neck Dia	Shank	Neck Length	Overall Length	No. of Flutes	Order Code	List Price	Offer Price
1.4	0.9	3	3.8	39	3	CMFB-45-1.4	£22.84	£18.27
1.9	1.2	3	5	39	3	CMFB-45-1.9	£22.84	£18.27
2.4	1.5	3	6.2	39	3	CMFB-45-2.4	£22.84	£18.27
2.9	1.8	3	7.4	39	3	CMFB-45-2.9	£22.84	£18.27
3.4	2.1	4	8.6	54	3	CMFB-45-3.4	£28.15	£22.52
3.9	2.4	4	9.8	54	3	CMFB-45-3.9	£28.15	£22.52
4.4	2.7	5	11	55	3	CMFB-45-4.4	£33.61	£26.89
4.9	3	5	12.2	55	3	CMFB-45-4.9	£33.61	£26.89
5.9	3.6	6	14.6	57	3	CMFB-45-5.9	£35.63	£28.50
7.8	-	6	-	100	4	CMFB-45-7.8	£70.96	£56.77
9.8	-	6	-	100	4	CMFB-45-9.8	£91.30	£73.04
11.8	-	6	-	100	4	CMFB-45-11.8	£100.43	£80.34
13.8	-	6	-	100	4	CMFB-45-13.8	£126.06	£100.85
15.8	-	6	-	100	4	CMFB-45-15.8	£157.92	£126.34

90° 2 FLUTE TiAlN COATED SOLID CARBIDE DRILL MILL

- Plain shank
- Suitable for drilling, v-slotting, profiling & chamfering
- 45 degree per side



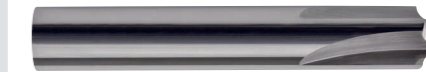
SAVE 20%
from **£23.74**



Dia	Shank	Length of Cut	Overall Length	Order Code	List Price	Offer Price
3	4	6	50	G9400030	£29.67	£23.74
4	5	8	50	G9400040	£30.66	£24.53
5	6	10	50	G9400050	£34.74	£27.79
6	8	12	60	G9400060	£40.55	£32.44
8	10	16	70	G9400080	£55.07	£44.06
10	12	18	70	G9400100	£68.64	£54.91
12	12	20	70	G9400120	£68.64	£54.91
14	14	24	80	G9400140	£68.92	£55.14
16	16	26	80	G9400160	£97.07	£77.66
20	20	32	100	G9400200	£172.20	£137.76

4 FLUTE CORNER ROUNDING TOOLS

- TiAlN coated carbide for high performance machining



SAVE 20%
from **£30.44**

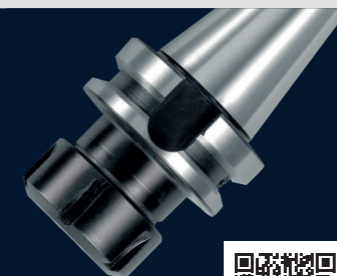


Rad	Tool Dia	Shank	Overall Length	Order Code	List Price	Offer Price
0.5	5	6	58	CRT200-R0.5	£38.05	£30.44
1	4	6	58	CRT200-R1	£38.05	£30.44
1.5	5	8	64	CRT200-R1.5	£51.50	£41.20
2	6	10	72	CRT200-R2	£69.08	£55.26
2.5	5	10	72	CRT200-R2.5	£69.08	£55.26
3	6	12	74	CRT200-R3	£81.96	£65.57
3.5	5	12	74	CRT200-R3.5	£81.96	£65.57
4	8	16	80	CRT200-R4	£103.00	£82.40
4.5	7	16	80	CRT200-R4.5	£103.00	£82.40
5	6	16	80	CRT200-R5	£103.00	£82.40
5.5	9	20	80	CRT200-R5.5	£142.82	£114.26
6	8	20	80	CRT200-R6	£142.82	£114.26

ER Collet Chucks

Our best selling BT40 & SK40 tapers.

from **£19.99**



End Mill Holders

Our best selling BT40 & SK40 tapers.

from **£19.99**



Super Hardened HSS Milling Cutters

SAVE 35%

2 FLUTE STANDARD & LONG LENGTH HSS SLOT DRILL

TiAIN Coated Superhardened HSS



SAVE 35%
from **£5.44**

Dia	Shank	Flute Length	Overall Length	Order Code	List Price	Offer Price
2 Flute Standard Length (EHC570 Series)						
2	6	4	48	EHC570020	£8.37	£5.44
4	6	7	51	EHC570040	£8.37	£5.44
6	6	8	52	EHC570060	£8.37	£5.44
8	10	11	61	EHC570080	£12.60	£8.19
10	10	13	63	EHC570100	£12.99	£8.44
12	12	16	73	EHC570120	£16.22	£10.54
14	12	16	73	EHC570140	£17.69	£11.50
16	16	19	79	EHC570160	£21.18	£13.77
18	16	19	79	EHC570180	£25.98	£16.89
20	20	22	88	EHC570200	£33.37	£21.69
25	25	26	102	EHC570250	£49.53	£32.19
2 Flute Long Length (EHC571 Series)						
2	6	7	51	EHC571020	£9.68	£6.29
4	6	11	55	EHC571040	£9.68	£6.29
6	6	13	57	EHC571060	£9.68	£6.29
8	10	19	69	EHC571080	£14.36	£9.33
10	10	22	72	EHC571100	£14.95	£9.72
12	12	26	83	EHC571120	£18.44	£11.99
14	12	26	83	EHC571140	£20.45	£13.29
16	16	32	92	EHC571160	£23.86	£15.51
18	16	32	92	EHC571180	£29.16	£18.95
20	20	38	104	EHC571200	£38.56	£25.06
25	25	45	121	EHC571250	£54.91	£35.69

3 FLUTE STANDARD & LONG LENGTH HSS SLOT DRILL

TiAIN Coated Superhardened HSS



SAVE 35%
from **£6.38**

Dia	Shank	Flute Length	Overall Length	Order Code	List Price	Offer Price
3 Flute Standard Length (EHC573 Series)						
2	6	7	51	EHC573020	£9.81	£6.38
4	6	11	55	EHC573040	£9.81	£6.38
6	6	13	57	EHC573060	£9.81	£6.38
8	10	19	69	EHC573080	£14.18	£9.22
10	10	22	72	EHC573100	£14.44	£9.39
12	12	26	83	EHC573120	£18.31	£11.90
14	12	26	83	EHC573140	£20.38	£13.25
16	16	32	92	EHC573160	£24.10	£15.67
18	16	32	92	EHC573180	£29.65	£19.27
20	20	38	104	EHC573200	£37.81	£24.58
25	25	45	121	EHC573250	£56.07	£36.45
3 Flute Long Length (EHC516 Series)						
2	6	10	54	EHC516020	£12.11	£7.87
4	6	19	63	EHC516040	£12.11	£7.87
6	6	24	68	EHC516060	£12.11	£7.87
8	10	38	88	EHC516080	£18.08	£11.75
10	10	45	95	EHC516100	£18.13	£11.78
12	12	53	110	EHC516120	£23.76	£15.44
14	12	53	110	EHC516140	£26.32	£17.11
16	16	63	123	EHC516160	£32.21	£20.94
18	16	63	123	EHC516180	£39.98	£25.99
20	20	75	141	EHC516200	£50.88	£33.07
25	25	90	166	EHC516250	£81.27	£52.83

4 FLUTE STANDARD & LONG LENGTH HSS END MILL

TiAIN Coated Superhardened HSS



SAVE 35%
from **£6.38**

Dia	Shank	Flute Length	Overall Length	Order Code	List Price	Offer Price
4 Flute Standard Length (EHC595/6 Series)						
2	6	7	51	EHC595020	£9.81	£6.38
4	6	11	55	EHC595040	£9.81	£6.38
6	6	13	57	EHC595060	£9.81	£6.38
8	10	19	69	EHC595080	£14.18	£9.22
10	10	22	72	EHC595100	£14.44	£9.39
12	12	26	83	EHC595120	£19.06	£12.39
14	12	26	83	EHC595140	£21.13	£13.73
16	16	32	92	EHC595160	£25.03	£16.27
18	16	32	92	EHC595180	£30.84	£20.05
20	20	38	104	EHC595200	£39.10	£25.42
25	25	45	121	EHC595250	£55.97	£36.38
4 Flute Long Length (EHC597/8 Series)						
2	6	10	54	EHC597020	£12.42	£8.07
4	6	19	63	EHC597040	£12.42	£8.07
6	6	24	68	EHC597060	£12.42	£8.07
8	10	38	88	EHC597080	£19.11	£12.42
10	10	45	95	EHC597100	£19.24	£12.51
12	12	53	110	EHC597120	£25.67	£16.69
14	12	53	110	EHC597140	£28.51	£18.53
16	16	63	123	EHC597160	£34.50	£22.43
18	16	63	123	EHC597180	£42.92	£27.90
20	20	75	141	EHC597200	£56.43	£36.68
25	25	90	168	EHC598250	£90.13	£58.58

SINGLE FLUTE HSS ROUTER

HSS 8% Cobalt

▪ Suitable for Plastic, Aluminium & Non-Ferrous materials



SAVE 35%
from **£8.62**

Dia	Shank	Flute Length	Overall Length	Order Code	List Price	Offer Price
3	8	12	60	EL612030	£13.26	£8.62
4	8	12	60	EL612040	£13.26	£8.62
5	8	14	60	EL612050	£13.26	£8.62
6	8	14	60	EL612060	£14.32	£9.31
7	8	14	60	EL612070	£14.32	£9.31
8	8	14	80	EL612080	£14.32	£9.31
9	8	14	80	EL612090	£19.49	£12.67
10	8	14	80	EL612100	£19.49	£12.67

3-6 FLUTE FINE PITCH HSS RIPPER

TiAIN Coated Superhardened HSS



SAVE 35%
from **£13.13**

Dia	Shank	Flute Length	Overall Length	Flutes	Order Code	List Price	Offer Price
3-6 Flute Standard Length (EHC753 Series)							
6	6	13	57	3	EHC753060	£20.20	£13.13
7	10	16	66	3	EHC753070	£23.01	£14.96
8	10	19	69	3	EHC753080	£23.01	£14.96
9	10	19	69	3	EHC753090	£23.55	£15.31
10	10	22	72	4	EHC753100	£23.32	£15.16
11	12	22	79	4	EHC753110	£25.96	£16.87
12	12	26	83	4	EHC753120	£25.96	£16.87
13	12	26	83	4	EHC753130	£31.90	£20.74
14	12	26	83	4	EHC753140	£32.31	£21.00
15	12	26	83	4	EHC753150	£34.48	£22.41
16	16	32	92	4	EHC753160	£35.98	£23.39
17	16	32	92	4	EHC753170	£38.17	£24.81
18	16	32	92	4	EHC753180	£38.71	£25.16
19	16	32	92	4	EHC753190	£45.82	£29.78
20	20	38	104	4	EHC753200	£47.26	£30.72
22	20	38	104	5	EHC753220	£57.57	£37.42
24	25	45	121	5	EHC751240	£67.10	£43.62
25	25	45	121	5	EHC753250	£68.49	£44.52
28	25	45	121	6	EHC753280	£115.51	£75.08
30	25	45	121	6	EHC753300	£118.41	£76.97
32	32	53	133	6	EHC753320	£127.90	£83.14
3-6 Flute Long Length (EHC762 Series)							
6	6	24	68	3	EHC762060	£23.32	£15.16
8	10	38	88	3	EHC762080	£28.07	£18.25
10	10	45	95	4	EHC762100	£29.34	£19.07
12	12	53	110	4	EHC762120	£34.12	£22.18
14	12	53	110	4	EHC762140	£46.00	£29.90
16	16	63	123	4	EHC762160	£48.91	£31.79
18	16	63	123	4	EHC762180	£56.25	£36.56
20	20	75	141	4	EHC762200	£65.93	£42.85
25	25	90	166	5	EHC762250	£101.34	£65.87
32	32	106	186	6	EHC762320	£196.36	£127.63

3-6 FLUTE COARSE PITCH HSS RIPPER

TiAIN Coated Superhardened HSS



SAVE 35%
from **£12.19**

Dia	Shank	Flute Length	Overall Length	Flutes	Order Code	List Price	Offer Price
3-6 Flute Standard Length (EHC751 Series)							
6	6	13	57	3	EHC751060	£18.75	£12.19
7	10	16	66	3	EHC751070	£22.47	£14.61
8	10	19	69	3	EHC751080	£22.47	£14.61
9	10	19	69	3	EHC751090	£23.11	£15.02
10	10	22	72	4	EHC751100	£23.11	£15.02
11	12	22	79	4	EHC751110	£25.67	£16.69
12	12	26	83	4	EHC751120	£25.67	£16.69
13	12	26	83	4	EHC751130	£30.71	£19.96
14	12	26	83	4	EHC751140	£31.35	£20.38
15	12	26	83	4	EHC751150	£33.24	£21.61
16	16	32	92	4	EHC751160	£34.87	£22.67
17	16	32	92	4	EHC751170	£37.24	£24.21
18	16	32	92	4	EHC751180	£38.09	£24.76
19	16	32	92	4	EHC751190	£45.66	£29.68
20	20	38	104	4	EHC751200	£48.48	£31.51
24	25	45	121	5	EHC751240	£67.10	£43.62
25	25	45	121	5	EHC751250	£67.77	£44.05
30	25	45	121	6	EHC751300	£114.87	£74.67
32	32	53	133	6	EHC751320	£122.93	£79.90
3-6 Flute Long Length (EHC752 Series)							
6	6	24	68	3	EHC752060	£23.01	£14.96
8	10	38	88	3	EHC752080	£27.84	£18.10
10	10	45	95				

HSS DOVETAIL CUTTER

HSS 5% Cobalt

- Suitable for low cost general purpose machining



SAVE 35%

from
£22.41



Dia	Width	Shank	Overall Length	Flutes	Order Code	List Price	Offer Price
45 Degree (ML112 Series)							
16	4	12	60	6	ML11201601	£34.47	£22.41
20	5	12	63	6	ML11202001	£43.76	£28.44
22	6	12	67	6	ML11202201	£63.43	£41.23
25	6.3	16	67	8	ML11202501	£64.93	£42.20
28	7.5	16	67	8	ML11202801	£72.13	£46.88
32	8	16	71	10	ML11203201	£79.27	£51.53
38	10	16	80	12	ML11203801	£116.99	£76.04
60 Degree (ML122 Series)							
16	6.3	12	60	6	EHC751220	£34.47	£22.41
20	8	12	63	6	ML12202001	£43.76	£28.44
22	9	12	67	6	ML12202201	£63.43	£41.23
25	10	16	67	8	ML12202501	£64.93	£42.20
28	11	16	67	8	ML12202801	£72.13	£46.88
32	12.5	16	71	10	ML12203201	£79.27	£51.53
38	16	16	80	12	ML12203801	£116.99	£76.04
40	13	25	85	12	ML12204001	£134.18	£87.22
50	16	25	100	16	ML12205001	£272.00	£176.80

HSS CORNER ROUNDING CUTTER

HSS 8% Cobalt

- Suitable for low cost general purpose machining



SAVE 20%

from
£26.74



Radius	Dia	Shank	Flute Length	Overall Length	Order Code	List Price	Offer Price
1	8	10	4	60	E2498010	£33.43	£26.74
1.5	9	10	4	60	E2498015	£33.43	£26.74
2	10	10	4	60	E2498020	£33.43	£26.74
2.5	11	10	4	60	E2498025	£34.76	£27.81
3	12	12	4	60	E2498030	£38.55	£30.84
3.5	13	12	4	60	E2498035	£38.55	£30.84
4	14	12	4	60	E2498040	£41.06	£32.85
5	16	12	4	60	E2498050	£44.57	£35.66
6	20	16	4	67	E2498060	£48.83	£39.06
7	22	16	4	71	E2498070	£57.45	£45.96
8	24	16	4	71	E2498080	£64.21	£51.37
9	26	25	4	85	E2498090	£82.93	£66.34
10	28	25	4	85	E2498100	£82.93	£66.34
12	34	25	4	90	E2498120	£90.50	£72.40
14	44	25	4	100	E2498140	£108.64	£86.91
16	48	25	4	100	E2498160	£158.25	£126.60
18	52	32	4	112	E2498180	£158.25	£126.60
20	56	32	4	112	E2498200	£225.19	£180.15

HSS WOODRUFF KEYSEAT CUTTER

HSS 5% Cobalt

- Suitable for low cost general purpose machining



SAVE 35%

from
£18.71



Dia	Width	Shank	Overall Length	Order Code	List Price	Offer Price
10.5	2	6	50	ML16210E01	£28.79	£18.71
10.5	2.5	6	50	ML16210E02	£28.79	£18.71
10.5	3	6	50	ML16210E03	£28.79	£18.71
13.5	2	10	56	ML16213E01	£33.35	£21.68
13.5	2.5	10	56	ML16213E02	£33.35	£21.68
13.5	3	10	56	ML16213E03	£33.35	£21.68
13.5	4	10	56	ML16213E04	£33.35	£21.68
16.5	2.5	10	56	ML16216E01	£33.35	£21.68
16.5	3	10	56	ML16216E02	£36.46	£23.70
16.5	4	10	56	ML16216E03	£36.46	£23.70
16.5	5	10	56	ML16216E04	£36.46	£23.70
19.5	3	10	56	ML16219E01	£46.47	£30.21
19.5	4	10	56	ML16219E02	£46.47	£30.21
19.5	5	10	56	ML16219E03	£46.47	£30.21
19.5	6	10	56	ML16219E04	£46.47	£30.21
22.5	4	10	63	ML16222E01	£49.25	£32.01
22.5	5	10	63	ML16222E02	£49.25	£32.01
22.5	6	10	63	ML16222E03	£49.25	£32.01
22.5	8	10	63	ML16222E04	£49.25	£32.01
25.5	5	10	63	ML16225E01	£59.70	£38.81
25.5	6	10	63	ML16225E02	£59.70	£38.81
25.5	7	10	63	ML16225E03	£59.70	£38.81
25.5	8	10	63	ML16225E04	£59.70	£38.81
28.5	5	10	63	ML16228E01	£64.98	£42.24
28.5	6	10	63	ML16228E02	£64.98	£42.24
28.5	7	10	63	ML16228E03	£64.98	£42.24
28.5	8	10	63	ML16228E04	£64.98	£42.24
28.5	10	12	71	ML16228E05	£64.98	£42.24
32.5	5	12	71	ML16232E01	£71.44	£46.44
32.5	6	12	71	ML16232E02	£71.44	£46.44
32.5	7	12	71	ML16232E03	£71.44	£46.44
32.5	8	12	71	ML16232E04	£71.44	£46.44
32.5	10	12	71	ML16232E05	£71.44	£46.44
38.5	7	12	71	ML16238E01	£104.98	£68.24
38.5	8	12	71	ML16238E02	£104.98	£68.24
38.5	9	12	71	ML16238E03	£104.98	£68.24
38.5	10	12	71	ML16238E04	£104.98	£68.24
45.5	10	12	71	ML16245E01	£129.42	£84.12

HSS T-SLOT CUTTER

HSS 5% Cobalt

- Suitable for low cost general purpose machining



SAVE 35%

from
£21.41



Dia	Width	Shank	Neck Dia	Overall Length	Order Code	List Price	Offer Price
12.5	6	10	5	57	ML17212E01	£32.94	£21.41
16	8	10	6.5	62	ML17201601	£41.51	£26.98
18	8	12	8	70	ML17201801	£43.51	£28.28
19	9	12	8	71	ML17201901	£45.66	£29.68
21	9	12	10	74	ML17202101	£59.48	£38.66
22	10	12	10	75	ML17202201	£59.48	£38.66
25	11	16	12	82	ML17202501	£71.58	£46.53
28	12	16	13	83	ML17202801	£79.78	£51.86
32	14	16	15	90	ML17203201	£82.76	£53.79
36	16	25	17	103	ML17203601	£110.69	£71.95
40	18	25	19	108	ML17204001	£121.99	£79.29

cutwel Slideway Oil 20L

Order Code: CL368-020

Anti wear and anti corrosion properties with high lubricity and non-drip formulation to prevent stick-slip and protect slideways.

Viscosity: 68

£53.00



cutwel Hydraulic Oil 20L

Order Code: CL232-020

High quality oil for maximum power transfer and protection against corrosion.

Viscosity: 32

£48.00

