



cutwel

Performance. Delivered.

Prices
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**31 Dec
2026**

CORE4

MILLING. TURNING. TAPPING. DRILLING.

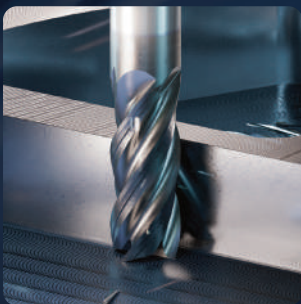
Rising carbide costs? Not at Cutwel.

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cutwel **PRO**



MILLING

P2-19



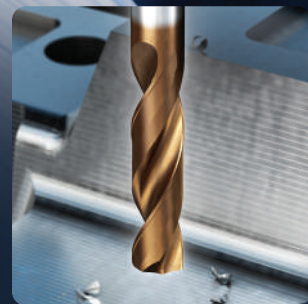
TURNING

P20-23



TAPPING

P24-27



DRILLING

P28-31

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Expert Technical Support
Available Monday - Friday

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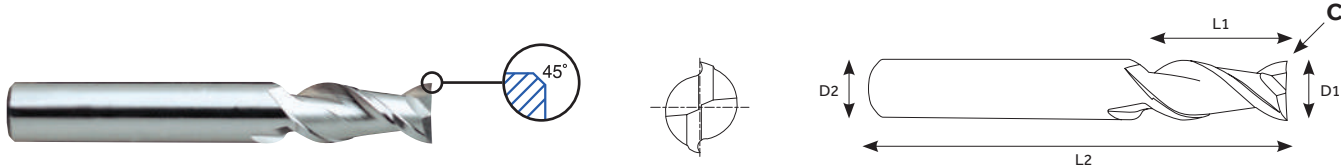
03330 389849 SALES@CUTWEL.NET CUTWEL.CO.UK

MG ALU-POWER**2 FLUTE 45° HELIX UNCOATED CARBIDE SLOT DRILLS, CHAMFER PREP**

Uncoated Carbide for Mirror Finish Machining of Aluminium & Non-Ferrous Materials

**from £10.00
35% OFF**

- Suitable for high speed machining in aluminium and other non-ferrous materials
- Provides a mirror surface finish
- Superior chip evacuation
- Cylindrical relief reduces chipping of corner edges
- Chamfer corner prep prevents tool chipping



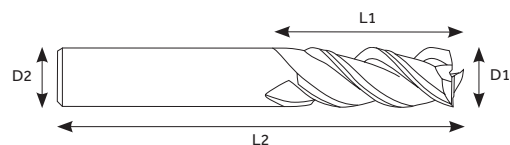
D1	D2	L1	L2	C	Order Code	List Price	Offer Price
3	6	8	57	0.05	E5522030	£15.39	£10.00
		11	55		E5522901	£16.25	£10.56
		15	65		E5522902	£17.51	£11.38
4	6	11	57		E5522040	£21.03	£13.67
		13	55		E5522903	£22.44	£14.59
		16	65		E5522904	£22.44	£14.59
5	6	13	57		E5522050	£21.03	£13.67
		17	55		E5522905	£22.44	£14.59
		22	60		E5522906	£22.44	£14.59
6	6	13	57		E5522060	£21.03	£13.67
		17	60		E5522907	£25.45	£16.54
		25	70		E5522908	£26.50	£17.23
7	8	22	65		E5522909	£33.56	£21.81
		19	63		E5522080	£33.53	£21.79
8	8	22	70		E5522910	£38.67	£25.14
		30	80		E5522911	£43.52	£28.29
10	10	22	72	0.1	E5522100	£50.57	£32.87
		27	75		E5522912	£50.58	£32.88
		35	90		E5522913	£62.55	£40.66
12	12	26	83		E5522120	£70.93	£46.10
		32	80		E5522914	£70.93	£46.10
		40	95		E5522915	£92.77	£60.30
14	14	26	83		E5522140	£102.07	£66.35
		37	90		E5522916	£124.08	£80.65
16	16	32	92		E5522160	£128.76	£83.69
		42	100		E5522917	£155.23	£100.90
		52	110		E5522918	£174.00	£113.10
18	18	32	92		E5522180	£174.38	£113.34
		48	100		E5522919	£218.16	£141.81
20	20	38	104		E5522200	£225.73	£146.72
		48	100		E5522920	£256.50	£166.73
		55	110		E5522921	£274.30	£178.30

MG ALU-POWER**3 FLUTE 45° HELIX UNCOATED CARBIDE SLOT DRILLS**

Uncoated Carbide for Mirror Finish Machining of Aluminium & Non-Ferrous Materials

- Designed for machining aluminium and copper
- Increased tool life and higher cutting accuracy
- Cylindrical relief reduces chipping of corner edges
- Superior chip evacuation
- Provides a mirror surface finish

from £8.61
35% OFF



D1	D2	L1	L2	Order Code	List Price	Offer Price
1	6	2	40	E5E49010	£15.05	£9.78
		4	60	E5E49902	£16.25	£10.56
		6	60	E5E49904	£17.51	£11.38
1.5	6	3	40	E5E49015	£15.05	£9.78
		5	50	E5E49906	£15.58	£10.13
		8	60	E5E49908	£16.25	£10.56
2	6	10	60	E5E49909	£17.51	£11.38
		3	40	E5E49020	£13.25	£8.61
		6	50	E5E49911	£15.58	£10.13
2.5	6	8	60	E5E49913	£16.25	£10.56
		12	60	E5E49915	£17.51	£11.38
		4	40	E5E49025	£13.25	£8.61
3	6	10	55	E5E49917	£16.25	£10.56
		15	60	E5E49919	£17.51	£11.38
		4	45	E5E49920	£13.25	£8.61
3.5	6	11	55	E5E49922	£16.25	£10.56
		12	57	E5E49030	£16.25	£10.56
		20	70	E5E49924	£19.75	£12.84
4	6	30	80	E5E49926	£23.37	£15.19
		5	45	E5E49927	£17.60	£11.44
		11	45	E5E49929	£20.33	£13.21
4.5	6	15	57	E5E49040	£22.44	£14.59
		26	75	E5E49932	£27.17	£17.66
		30	80	E5E49933	£30.82	£20.03
5	6	15	55	E5E49045	£22.44	£14.59
		13	50	E5E49934	£20.85	£13.55
		20	57	E5E49050	£22.44	£14.59
5.5	6	25	70	E5E49937	£25.32	£16.46
		35	80	E5E49939	£28.97	£18.83
		45	90	E5E49941	£34.35	£22.33
6	6	17	55	E5E49055	£25.45	£16.54
6	6	13	50	E5E49942	£23.68	£15.39

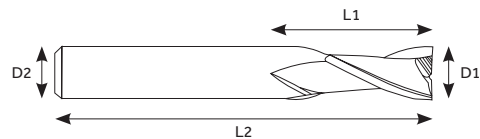
D1	D2	L1	L2	Order Code	List Price	Offer Price
6	6	20	65	E5E49060	£25.46	£16.55
		30	75	E5E49945	£30.72	£19.97
		42	90	E5E49947	£36.68	£23.84
7	8	50	100	E5E49948	£40.97	£26.63
		22	65	E5E49070	£38.67	£25.14
		19	60	E5E49949	£38.67	£25.14
8	8	22	65	E5E49080	£38.66	£25.13
		30	80	E5E49951	£43.52	£28.29
		40	90	E5E49953	£52.83	£34.34
9	10	50	100	E5E49955	£59.10	£38.42
		65	110	E5E49958	£65.52	£42.59
		27	70	E5E49090	£50.58	£32.88
10	10	22	65	E5E49959	£47.85	£31.10
		25	75	E5E49100	£50.57	£32.87
		35	90	E5E49961	£62.55	£40.66
12	12	55	110	E5E49965	£77.45	£50.34
		65	120	E5E49967	£86.45	£56.19
		25	75	E5E49120	£70.86	£46.06
14	14	35	80	E5E49969	£70.87	£46.07
		45	100	E5E49971	£92.77	£60.30
		65	120	E5E49975	£101.99	£66.29
16	16	75	135	E5E49977	£124.70	£81.06
		90	150	E5E49979	£133.65	£86.87
		37	90	E5E49140	£124.08	£80.65
18	18	35	90	E5E49160	£128.76	£83.69
		55	110	E5E49982	£153.12	£99.53
		75	150	E5E49984	£216.82	£140.94
20	20	95	180	E5E49986	£255.87	£166.31
		115	200	E5E49988	£288.60	£187.59
		48	100	E5E49180	£237.50	£154.38
20	20	40	100	E5E49200	£275.00	£178.75
		65	130	E5E49991	£299.57	£194.72
		85	160	E5E49993	£382.16	£248.40
20	20	105	190	E5E49995	£445.07	£289.30
		125	220	E5E49997	£525.15	£341.35



2, 3 & 4 FLUTE NC MILL COATED CARBIDE SLOT DRILLS

General Purpose Milling of Steel <HRC50, Stainless Steel & Cast Iron

- 1st choice for general machining where the best quality is required
- Suitable for dry milling applications at high temperatures (Steel only)



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30-40	Hardened Steels HRC40-50	Stainless Steel	Cast Iron
●	●	○	○	○

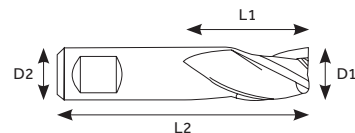
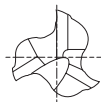
D1	D2	L1	L2	Order Code									
				2 Flute	List Price	Offer Price	3 Flute	List Price	Offer Price	4 Flute	List Price	Offer Price	
1	4	3	50	G9F41010N	£9.99	£6.99	G9F43010N	£9.99	£6.99	G9F42010N	£9.99	£6.99	
1.5		4		50	G9F41999N	£9.36	£6.55	-	-	-	G9F42999N	£9.36	£6.55
2		6		50	G9F41020N	£8.22	£5.75	G9F43020N	£8.22	£5.75	G9F42020N	£8.22	£5.75
2.5		8		50	G9F41998N	£9.36	£6.55	-	-	-	G9F42998N	£9.36	£6.55
3	4	8	50	G9F41030N	£8.22	£5.75	G9F43030N	£8.22	£5.75	G9F42030N	£8.22	£5.75	
3	3	10	75	G9J54999N	£13.51	£9.46	-	-	-	G9J55999N	£13.51	£9.46	
3.5	4	10	50	G9F41997N	£9.36	£6.55	-	-	-	G9F42997N	£9.36	£6.55	
4	4	11	50	G9F41040N	£9.22	£6.45	G9F43040N	£9.22	£6.45	G9F42040N	£9.22	£6.45	
		12	75	G9J54998N	£14.96	£10.47	-	-	-	G9J55998N	£14.96	£10.47	
4.5	4.5	12	50	G9F41996N	£11.10	£7.77	-	-	-	G9F42996N	£11.10	£7.77	
5	6	13	50	G9F41050N	£12.27	£8.59	G9F43050N	£12.27	£8.59	G9F42050N	£12.27	£8.59	
	5	20	75	G9J54997N	£19.60	£13.72	-	-	-	G9J55997N	£19.60	£13.72	
5.5	5.5	15	50	G9F41995N	£12.14	£8.50	-	-	-	-	-	-	
6	6	16	50	G9F41060N	£12.27	£8.59	G9F43060N	£12.27	£8.59	G9F42060N	£12.27	£8.59	
		20	75	G9J54996N	£21.77	£15.24	-	-	-	G9J55996N	£21.77	£15.24	
7	7	20	60	G9F41994N	£18.70	£13.09	-	-	-	G9F42995N	£18.70	£13.09	
8	8	20	60	G9F41080N	£18.52	£12.96	G9F43080N	£18.52	£12.96	G9F42080N	£18.52	£12.96	
		25	75	G9J54995N	£33.47	£23.43	-	-	-	G9J55995N	£33.47	£23.43	
9	9	20	60	G9F41993N	£28.23	£19.76	-	-	-	G9F42994N	£28.23	£19.76	
10	10	25	75	G9F41100N	£27.90	£19.53	G9F43100N	£27.90	£19.53	G9F42100N	£27.90	£19.53	
		40	100	G9J54994N	£53.98	£37.79	-	-	-	G9J55994N	£53.98	£37.79	
12	12	32	75	G9F41120N	£38.07	£26.65	G9F43120N	£38.07	£26.65	G9F42120N	£38.07	£26.65	
		45	100	G9J54993N	£76.41	£53.49	-	-	-	G9J55993N	£76.41	£53.49	
14	14	32	75	G9F41140N	£50.81	£43.19	G9F43140N	£50.81	£43.19	G9F42140N	£50.81	£43.19	
16	16	32	75	G9F41160N	£66.83	£56.81	G9F43160N	£66.83	£56.81	G9F42160N	£66.83	£56.81	
20	20	32	100	G9F41200N	£113.19	£96.21	G9F43200N	£113.19	£96.21	G9F42200N	£113.19	£96.21	



3 FLUTE STUB LENGTH COATED CARBIDE THROWAWAY SLOT DRILLS

General Purpose Milling of Steel <HRC50, Stainless Steel & Cast Iron

- 1st choice for general machining
- Suitable for dry milling applications at high temperatures (steel only)
- Centre cutting
- Short length throwaway style



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30-40	Hardened Steels HRC40-50	Stainless Steel	Cast Iron
●	●	○	○	○

D1	D2	L1	L2	Order Code	List Price	Offer Price
2	6	4	35	G9J59999N	£13.54	£9.48
2.5	6	5	36	G9J59998N	£13.54	£9.48
3	6	5	36	G9J59997N	£13.54	£9.48
3.5	6	6	37	G9J59996N	£13.54	£9.48
4	6	7	38	G9J59995N	£13.54	£9.48
5	6	8	39	G9J59994N	£13.54	£9.48
6	6	8	39	G9J59993N	£13.54	£9.48
8	8	11	43	G9J59992N	£21.37	£14.96
10	10	13	50	G9J59991N	£30.71	£21.50
12	12	15	55	G9J59990N	£42.34	£29.64

from £5.75
UP TO 35% OFF

from £9.48
30% OFF

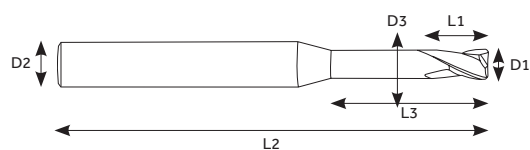
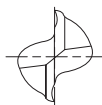


2 FLUTE NC MILL COATED CARBIDE RIB PROCESSING SLOT DRILLS

General Purpose Milling of Steel And Stainless Steel <HRC40 and Cast Iron

- 1st choice for general machining
- Suitable for dry milling applications at high temperatures (steel only)
- Long neck for deep pocket milling

from £10.19
30% OFF



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30-40	Stainless Steel	Cast Iron
●	●	○	○

D1	D2	L1	L2	L3	Order Code	List Price	Offer Price
0.4	4	0.7	50	2	G9J61999N	£20.71	£14.50
				4	G9J61998N		
0.5	4	0.75	50	2	G9J61997N	£18.87	£13.21
				6	G9J61996N		
0.7	4	1.1	50	4	G9J61995N	£17.17	£12.02
				6	G9J61994N		
0.8	4	1.2	50	6	G9J61993N	£17.17	£12.02
				6	G9J61992N	£15.27	£10.69
1	4	1.5	50	8	G9J61991N	£15.27	£10.69
				12	G9J61989N	£16.22	£11.35
				6	G9J61988N	£15.27	£10.69
1.2	4	1.8	50	8	G9J61987N	£15.27	£10.69
				12	G9J61986N	£16.22	£11.35
				6	G9J61985N	£15.27	£10.69
1.5	4	2.3	50	8	G9J61984N	£15.27	£10.69
				12	G9J61982N	£16.22	£11.35
				20	G9J61980N	£16.89	£11.82
				6	G9J61979N	£14.56	£10.19
2	4	3	50	10	G9J61978N	£14.56	£10.19
				12	G9J61977N	£14.56	£10.19
				16	G9J61975N	£15.13	£10.59
				20	G9J61973N	£15.13	£10.59
2.5	4	3.7	50	12	G9J61972N	£14.56	£10.19
				16	G9J61971N	£15.13	£10.59
				20	G9J61970N	£15.13	£10.59
				12	G9J61969N	£20.26	£14.18
3	6	4.5	50	16	G9J61968N	£20.71	£14.50
			60	20	G9J61967N	£20.71	£14.50
			60	25	G9J61966N	£20.71	£14.50
			75	12	G9J61965N	£20.26	£14.18
4	6	6	50	16	G9J61964N	£20.71	£14.50
			60	20	G9J61963N	£20.71	£14.50
			75	25	G9J61962N	£20.71	£14.50
			75				

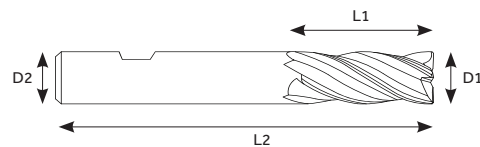
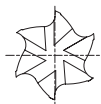


from £10.41
35% OFF

4 FLUTE NC MILL VARIABLE HELIX HPC CARBIDE END MILLS

Vibration Free Milling, Medium-High Metal Removal Rates for Steel <HRC40, Stainless & Cast Iron

- Bridging the gap between general purpose and high performance machining
- Good cost/performance ratio
- Designed for vibration-free, semi-roughing, multi-material milling
- Multiple helix gives optimal chip formation and evacuation
- Suitable for slotting and profiling
- Chamfer edge prep to protect against chipping
- Depth of cut slotting: $0.8 \times D \text{ Ap}$ / side cutting: $0.3 \times D \text{ Ae} \times 1.5 \times D \text{ Ap}$



Carbon & Alloy Steels <HRC40	Stainless Steel	Cast Iron
●	●	●

D1	D2	L1	L2	Order Code	List Price	Offer Price
3	6	5	50	G9J65030	£16.02	£10.41
		8	57	G9J67030N	£16.72	£10.87
4	6	8	54	G9J65040	£16.02	£10.41
		11	57	G9J67040N	£16.72	£10.87
5	6	9	54	G9J65050	£16.02	£10.41
		13	57	G9J67050N	£16.72	£10.87
6	6	10	54	G9J65060	£16.02	£10.41
		13	57	G9J67060N	£16.72	£10.87
8	8	12	58	G9J65080	£22.64	£14.72
		19	63	G9J67080N	£23.65	£15.37
10	10	14	66	G9J65100	£33.64	£21.87
		22	72	G9J67100N	£37.81	£24.58
12	12	16	73	G9J65120	£49.28	£32.03
		26	83	G9J67120N	£51.56	£33.51
16	16	22	82	G9J65160	£97.54	£68.28
		32	92	G9J67160	£100.42	£70.29
20	20	26	92	G9J65200	£149.94	£104.96
		38	104	G9J67200	£185.38	£129.76



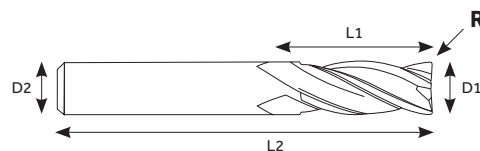
4 FLUTE, CORNER RADIUS X-COATED CARBIDE MILLING CUTTERS

Universal Milling of Steel <HRC50, Stainless Steel & Cast Iron

- Universal machining
- Suitable for wet or dry cutting on steel
- Plain shank
- Special X-coating offers higher machining performance compared to standard TiAlN coatings

from £10.69
30% OFF

General Purpose Milling



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30-40	Hardened Steels HRC40-50	Stainless Steel	Cast Iron
●	●	○	○	○

D1	R	D2	L1	L2	Order Code	List Price	Offer Price
2	0.2	4	6	50	G9J57999N	£15.27	£10.69
	0.3				G9J57998N		
	0.5				G9J57997N		
3	0.2	4	8	50	G9J57996N	£15.27	£10.69
	0.3				G9J57995N		
	0.5				G9J57994N		
	1				G9J57993N		
4	0.2	4	10	50	G9J57992N	£15.27	£10.69
	0.3				G9J57991N		
	0.5				G9J57990N		
	1				G9J57989N		
5	0.2	6	13	50	G9J57898N	£18.33	£12.83
	0.3				G9J57897N		
	0.5				G9J57896N		
	1				G9J57895N		
6	0.2	6	15	50	G9J57894N	£18.33	£12.83
	0.3				G9J57893N		
	0.5				G9J57892N		
	1				G9J57891N		
8	0.5	8	20	60	G9J57890N	£31.04	£21.73
	1				G9J57889N		
	1.5				G9J57888N		
	2				G9J57887N		
10	0.5	10	25	75	G9J57886N	£44.24	£30.97
	1				G9J57885N		
	1.5				G9J57884N		
	2				G9J57883N		
12	0.5	12	30	75	G9J57882N	£58.41	£40.89
	1				G9J57881N		
	1.5				G9J57880N		
	2				G9J57879N		
	2.5				G9J57878N		
					G9J57877N		
					G9J57876N		

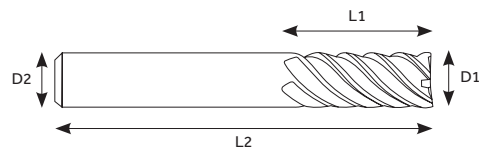
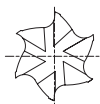


6 FLUTE CARBIDE 45° HELIX END MILLS

For General Purpose Milling of Steel <HRC45, Stainless Steel & Cast Iron

- X-coated micrograin carbide, 1st choice for general machining
- Suitable for dry milling applications at high temperatures (steel only)
- Suitable for machining at high feed rates for finishing operations
- Exceptional performance in finishing operations due to 45° helix and sharp cutting edges

from £17.26
30% OFF



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30-45	Stainless Steel	Cast Iron
●	●	○	●

D1	D2	L1	L2	Order Code	List Price	Offer Price
6	6	15	50	G9J58999N	£24.66	£17.26
8	8	20	60	G9J58998N	£30.15	£21.11
10	10	25	75	G9J58997N	£46.01	£32.21
12	12	30	75	G9J58996N	£60.10	£42.07
16	16	40	100	G9J58995N	£118.58	£83.01

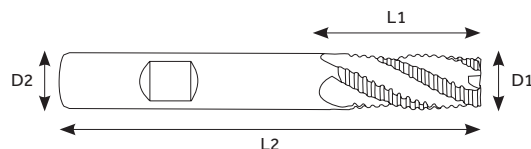
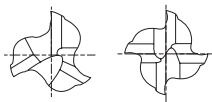


3-4 FLUTE, RIPPER, FINE PITCH X-COATED CARBIDE MILLING CUTTERS

For General Purpose Milling of Steel <HRC45, Stainless Steel & Cast Iron

- Universal machining
- Exceptional metal removal rates
- Suitable for wet or dry cutting on steel
- Weldon shank
- Special X-coating offers higher machining performance compared to standard TiAlN coatings

from £20.53
30% OFF



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30-40	Hardened Steels HRC40-50	Stainless Steel	Cast Iron
●	●	○	○	○

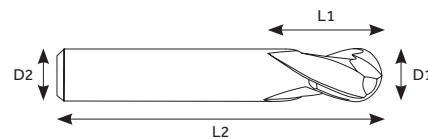
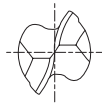
D1	D2	L1	L2	No. of Flutes	Order Code	List Price	Offer Price
6	6	16	57	3	G9J60999	£29.33	£20.53
8	8	16	63	3	G9J60998	£32.46	£22.72
10	10	22	72	4	G9J60997	£52.34	£36.64
12	12	26	83	4	G9J60996	£71.08	£49.76
16	16	32	92	4	G9J60995	£110.78	£94.16
20	20	38	104	4	G9J60994	£158.73	£134.92



2 FLUTE STANDARD & LONG LENGTH X-COATED CARBIDE MILLING CUTTERS, BALL NOSE

Universal Milling of Steel <HRC50, Stainless Steel & Cast Iron

from £7.72
30% OFF



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30-40	Hardened Steels HRC40-50	Stainless Steel	Cast Iron
●	●	○	○	○

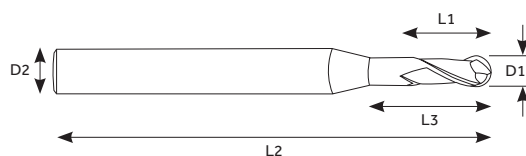
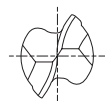
D1	D2	L1	L2	Order Code	List Price	Offer Price
Standard Length						
2	4	5	50	G9F44020N	£11.03	£7.72
3	4	6	50	G9F44030N	£11.03	£7.72
4	6	8	50	G9F44040N	£13.65	£9.56
5	6	10	50	G9F44050N	£13.65	£9.56
6	6	12	50	G9F44060N	£13.06	£9.14
8	8	14	60	G9F44080N	£21.53	£15.07
10	10	20	75	G9F44100N	£34.51	£24.16
12	12	24	75	G9F44120N	£44.26	£30.98
16	16	32	75	G9F44160N	£69.72	£59.26
20	20	32	75	G9F44200N	£107.47	£91.35
Long Length						
3	3	5	75	G9J56999N	£16.97	£11.88
4	4	8	75	G9J56998N	£18.42	£12.89
5	5	10	75	G9J56997N	£21.88	£15.32
6	6	12	100	G9J56996N	£27.95	£19.57
8	8	16	100	G9J56995N	£43.18	£30.23
10	10	20	100	G9J56994N	£58.43	£40.90
12	12	24	100	G9J56993N	£78.40	£54.88



2 FLUTE NC MILL RIB PROCESSING, X-COATED CARBIDE MILLING CUTTERS, BALL NOSE

Universal Milling of Steel <HRC50, Stainless Steel & Cast Iron

from £13.67
30% OFF



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30-40	Hardened Steels HRC40-50	Stainless Steel	Cast Iron
●	●	○	○	○

D1	D2	L1	L2	L3	Order Code	List Price	Offer Price
0.5	4	0.75	50	2	G9J62999N	£27.03	£18.92
0.6		0.9		6	G9J62998N	£27.03	£18.92
0.8		1.2		6	G9J62997N	£22.64	£15.85
0.8		1.2		8	G9J62996N	£22.64	£15.85
1	4	1.5	50	6	G9J62995N	£20.88	£14.62
				8	G9J62994N	£20.88	£14.62
				12	G9J62992N	£22.28	£15.60
1.5	4	2.3	50	6	G9J62991N	£20.88	£14.62
				8	G9J62990N	£20.88	£14.62
				12	G9J62988N	£22.28	£15.60
2	4	3	50	8	G9J62986N	£19.53	£13.67
				12	G9J62984N	£19.53	£13.67
				16	G9J62982N	£20.71	£14.50
				20	G9J62981N	£21.61	£15.13
3	6	4.5	50	12	G9J62979N	£22.76	£15.93
			60	16	G9J62978N	£25.29	£17.70
			60	20	G9J62977N	£27.16	£19.01
			75	25	G9J62976N	£28.18	£19.73
4	6	6	50	12	G9J62975N	£22.76	£15.93
			75	25	G9J62974N	£28.18	£19.73
			75	30	G9J62973N	£29.23	£20.46



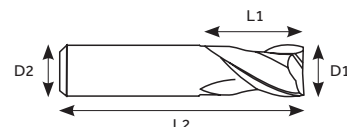


3 FLUTE EV MILLS VARIABLE HELIX CARBIDE END MILLS, STUB LENGTH

Economic High Performance Machining of Steels <HRC40, Stainless Steel, HRSA's, Cast Iron

- The EV Mill 3 flute geometry is a stub length high performance all-rounder with exceptional stability
- The 3 flute design enables better chip control in pocketing and slotting applications
- Features one centre-cutting edge, ideal for plunging and ramping
- Variable and multiple helix + unequal flute spacing eliminates vibration
- Depth of cut slotting: $0.8 \times D \text{ Ap}$ / side cutting: $0.5 \times D \text{ Ae} \times 1 \times D \text{ Ap}$

from £8.69
30% OFF



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30-40	Stainless Steel	Titanium	HRSA's e.g. Inconel	Cast Iron
●	●	●	●	●	●

D1	D2	L1	L2	Order Code Plain Shank	Order Code Weldon Shank	List Price	Offer Price
2	6	4.5	38	GMK58020	GMK59020	£12.41	£8.69
3	6	5.5	38	GMK58030	GMK59030	£13.80	£9.66
4	6	7.5	38	GMK58040	GMK59040	£13.80	£9.66
5	6	9	38	GMK58050	GMK59050	£13.80	£9.66
6	6	9	38	GMK58060	GMK59060	£13.80	£9.66
8	8	12	43	GMK58080	GMK59080	£20.10	£14.07
10	10	14	50	GMK58100	GMK59100	£30.15	£21.11
12	12	16.5	55	GMK58120	GMK59120	£39.93	£27.95

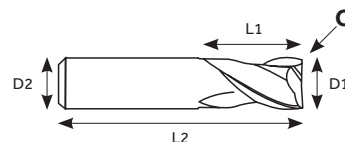


4 FLUTE EV MILLS VARIABLE HELIX CARBIDE END MILLS, STUB LENGTH

Economic High Performance Machining of Steels <HRC40, Stainless Steel, HRSA's, Cast Iron

- The EV Mill 4 flute geometry is a stub length high performance all-rounder with exceptional stability
- Features 2 centre-cutting edges, ideal for plunging and ramping
- Variable and multiple helix + unequal flute spacing eliminates vibration
- Chamfer edge prep to protect against chipping
- Excellent performance in roughing and finishing applications
- Depth of cut slotting: $0.8 \times D \text{ Ap}$ / side cutting: $0.5 \times D \text{ Ae} \times 1 \times D \text{ Ap}$

from £9.21
30% OFF



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30-40	Stainless Steel	Titanium	HRSA's e.g. Inconel	Cast Iron
●	●	●	●	●	●

D1	D2	L1	L2	C	Order Code Plain Shank	Order Code Weldon Shank	List Price	Offer Price
2	6	4.5	38	0.1	GMK63020	GMK64020	£13.15	£9.21
3	6	5.5	38	0.1	GMK63030	GMK64030	£14.60	£10.22
4	6	7.5	38	0.15	GMK63040	GMK64040	£14.60	£10.22
5	6	9	38	0.15	GMK63050	GMK64050	£14.60	£10.22
6	6	9	38	0.2	GMK63060	GMK64060	£14.60	£10.22
8	8	12	43	0.2	GMK63080	GMK64080	£21.29	£14.90
10	10	14	50	0.3	GMK63100	GMK64100	£30.00	£21.00
12	12	16.5	55	0.35	GMK63120	GMK64120	£42.27	£29.59

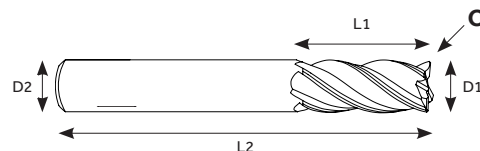
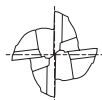


4 FLUTE V7 PLUS MULTIPLE HELIX HPC CARBIDE END MILLS

HPC High Metal All-Rounder End Mill - For Steel <HRC40, Stainless Steel, HRSA's & Cast Iron

- V7+ offers exceptional metal removal rates and tool life across a wide range of metals
- Y1200 coated ultrafine micrograin carbide
- Chamfered corner protection helps prevent tool chipping
- Special flute geometry and multiple helix design eliminate vibration
- Unequal flute spacing reduces harmonics
- Depth of cut slotting: 1xD Ap / side cutting: 0.5xD Ae X 1.5xD Ap

from £15.57
30% OFF



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30-40	Stainless Steel	Titanium	HRSA's e.g. Inconel	Cast Iron
●	●	●	●	●	●

D1	D2	L1	L2	C	Order Code	List Price	Offer Price
3	6	7	54	0.1	GMF52030	£22.24	£15.57
		8	57		GMF56030	£23.23	£16.26
4	6	8	54	0.15	GMF52040	£22.24	£15.57
		11	57		GMF56040	£23.23	£16.26
5	6	10	54	0.15	GMF52050	£22.24	£15.57
		13	57		GMF56050	£23.23	£16.26
6	6	10	54	0.2	GMF52060	£22.24	£15.57
		13	57		GMF56060	£23.23	£16.26
8	8	12	58	0.2	GMF52080	£31.44	£22.01
		19	63		GMF56080	£32.86	£23.00
10	10	14	66	0.3	GMF52100	£46.73	£32.71
		22	72		GMF56100	£52.52	£36.76
12	12	16	73	0.35	GMF52120	£68.45	£47.92
		26	83		GMF56120	£71.62	£50.13
14	14	18	75	0.4	GMF52140	£114.92	£74.70
		26	83		GMF56140	£125.12	£81.33
16	16	22	82	0.4	GMF52160	£135.49	£88.07
		32	92		GMF56160	£139.45	£90.64
18	18	24	84	0.5	GMF52180	£204.05	£132.63
		32	92		GMF56180	£206.74	£134.38
20	20	26	92	0.5	GMF52200	£208.30	£135.39
		38	104		GMF56200	£257.51	£167.38
25	25	38	104	0.5	GMF56250	£362.36	£235.53

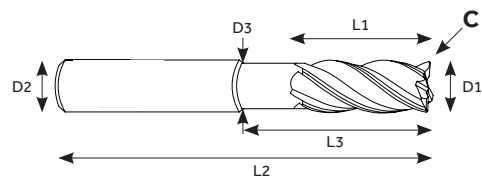
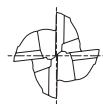


from £16.26
30% OFF

4 FLUTE V7 PLUS MULTIPLE HELIX HPC CARBIDE NECKED END MILLS

HPC High Metal All-Rounder End Mill - For Steel <HRC40, Stainless Steel, HRSA's & Cast Iron

- V7+ offers exceptional metal removal rates and tool life across a wide range of metals in roughing and finishing applications
- Y1200 coated ultrafine micrograin carbide
- Chamfer corner protection helps prevent tool chipping
- Special flute geometry and multiple helix eliminates vibration
- Unequal flute spacing reduces harmonics
- Depth of cut slotting: 1xD Ap / side cutting: 0.5xD Ae X 1.5xD Ap



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30~40	Stainless Steel	Titanium	HRSA's e.g. Inconel	Cast Iron
●	●	●	●	●	●

D1	D2	D3	L1	L2	L3	C	Order Code	List Price	Offer Price
3	6	2.7	7	54	12	0.1	GMF60030	£23.23	£16.26
			7	57	17		GMF60901		
			8	57	14		GMF60902		
4	6	3.7	8	57	15	0.15	GMF60040	£23.23	£16.26
			8	63	22		GMF60903		
			11	57	16		GMF60904		
5	6	4.7	10	57	17	0.15	GMF60050	£23.23	£16.26
			10	67	27		GMF60905		
			13	57	18		GMF60906		
6	6	5.5	10	57	15	0.2	GMF60060	£23.23	£16.26
			10	62	20		GMF60907		
			10	74	32		GMF60908		
			13	57	21		GMF60909		
8	8	7.5	12	63	20	0.2	GMF60080	£32.86	£23.00
			12	73	30		GMF60910	£32.86	£23.00
			12	90	46		GMF60911	£35.67	£24.97
			19	63	27		GMF60912	£32.86	£23.00
10	10	9.2	14	72	25	0.3	GMF60100	£52.52	£36.76
			14	82	35		GMF60913	£52.52	£36.76
			14	102	55		GMF60914	£55.14	£38.60
			22	72	32		GMF60915	£52.52	£36.76
12	12	11	16	83	30	0.35	GMF60120	£71.62	£50.13
			16	93	40		GMF60916	£71.62	£50.13
			16	117	64		GMF60917	£92.51	£64.76
			26	83	38		GMF60918	£71.62	£50.13
16	16	15	22	92	38	0.4	GMF60160	£163.09	£106.01
			22	109	55		GMF60919	£163.09	£106.01
			22	141	87		GMF60920	£175.05	£113.78
			32	92	44		GMF60921	£139.45	£90.64
20	20	19	26	104	50	0.5	GMF60200	£223.58	£145.33
			26	124	70		GMF60922	£288.61	£187.60
			26	164	110		GMF60923	£338.41	£219.97
			38	104	54		GMF60924	£257.51	£167.38

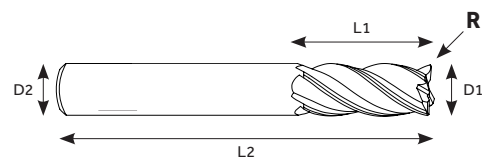
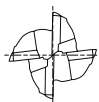


4 FLUTE V7 PLUS CORNER RADIUS MILLING CUTTERS, MULTIPLE HELIX

Excellent on Stainless Steel, HRSA's, Cast Iron & Mild Steel <HRC40

- Y1200 coated ultrafine micrograin carbide
- HPC = High performance cutting
- Special flute geometry and multiple helix eliminates vibration
- Unequal flute spacing reduces harmonics
- Depth of cut slotting: 1xD Ap / side cutting: 0.5xD Ae X 1.5xD Ap

from £20.07
25% OFF



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30-40	Stainless Steel	Titanium	HRSA's e.g. Inconel	Cast Iron
●	●	●	●	●	●

D1	R	D2	L1	L2	Order Code	List Price	Offer Price
3	0.3	6	7	54	GMF54030	£26.76	£20.07
	0.5		7	54	GMF54901	£26.76	£20.07
	0.3		8	57	GMF58030	£27.98	£20.99
	0.5		8	57	GMF58901	£27.98	£20.99
4	0.3	6	8	54	GMF54040	£26.76	£20.07
	0.5		8	54	GMF54902	£26.76	£20.07
	0.3		11	57	GMF58040	£27.98	£20.99
	0.5		11	57	GMF58902	£27.98	£20.99
5	0.3	6	10	54	GMF54050	£26.76	£20.07
	0.5		10	54	GMF54903	£26.76	£20.07
	0.3		13	57	GMF58050	£27.98	£20.99
	0.5		13	57	GMF58903	£27.98	£20.99
6	0.3	6	10	54	GMF54060	£26.76	£20.07
	0.5		10	54	GMF54904	£26.76	£20.07
	1		13	57	GMF54905	£26.76	£20.07
	0.3		13	57	GMF58060	£27.98	£20.99
	0.5		13	57	GMF58904	£27.98	£20.99
	1		13	57	GMF58905	£27.98	£20.99
8	0.5	8	12	58	GMF54080	£37.30	£27.98
	1		12	58	GMF54906	£37.30	£27.98
	0.5		19	63	GMF58080	£38.92	£29.19
	1		19	63	GMF58906	£38.92	£29.19
10	0.5	10	14	66	GMF54100	£54.67	£41.00
	1		14	66	GMF54907	£54.67	£41.00
	0.5		22	72	GMF58100	£61.32	£45.99
	1		22	72	GMF58907	£61.32	£45.99
12	0.5	12	16	73	GMF54120	£79.96	£59.97
	1		16	73	GMF54908	£79.96	£59.97
	2		16	73	GMF54909	£79.96	£59.97
	0.5		26	83	GMF58120	£83.60	£62.70
	1		26	83	GMF58908	£83.60	£62.70
	2		26	83	GMF58909	£83.60	£62.70
14	0.5	14	18	75	GMF54140	£134.22	£93.95
	0.5		26	83	GMF58140	£146.13	£102.29
16	1	16	22	82	GMF54160	£154.10	£107.87
	2		22	82	GMF54912	£154.10	£107.87
	3		22	82	GMF54913	£154.10	£107.87
	1		32	92	GMF58160	£158.61	£111.03
	2		32	92	GMF58912	£158.61	£111.03
	3		32	92	GMF58913	£158.61	£111.03
18	1	18	24	84	GMF54180	£237.10	£165.97
	1		32	92	GMF58180	£240.32	£168.23
20	1	20	26	92	GMF54200	£239.90	£167.93
	2		26	92	GMF54916	£239.90	£167.93
	3		26	92	GMF54917	£239.90	£167.93
	1		38	104	GMF58200	£296.62	£207.63
	2		38	104	GMF58916	£296.62	£207.63
	3		38	104	GMF58917	£296.62	£207.63
25	1	25	38	104	GMF58250	£417.39	£292.17



6 FLUTE V7 PLUS ULTRAFINE CARBIDE END MILLS, 45° HELIX

High Performance All-Rounder for Stainless Steel, HRSA's, Cast Iron & Steels <HRC40

- Y1200 coated ultrafine micrograin carbide
- The V7+ geometry of the variable pitch reduces chatter for high speed and trochoidal milling
- Can be used for finishing or high feed roughing
- Recommended for use with high performance tool holders

from £22.46
20% OFF



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30-40	Stainless Steel	Titanium	HRSA's e.g. Inconel	Cast Iron
●	●	●	●	●	●

D1	D2	L1	L2	Order Code	List Price	Offer Price
6	6	13	57	GMG12060	£28.07	£22.46
		24	75	GMG14060	£36.51	£29.21
8	8	19	63	GMG12080	£39.64	£31.71
		32	75	GMG14080	£53.59	£42.87
10	10	22	72	GMG12100	£63.43	£50.74
		40	100	GMG14100	£88.95	£71.16
12	12	26	83	GMG12120	£86.49	£69.19
		48	120	GMG14120	£125.37	£100.30
16	16	32	92	GMG12160	£175.72	£123.00
		64	140	GMG14160	£263.61	£184.53
20	20	38	104	GMG12200	£324.43	£227.10
		80	150	GMG14200	£519.14	£363.40
25	25	44	104	GMG12250	£456.63	£319.64
		100	170	GMG14250	£776.24	£543.37

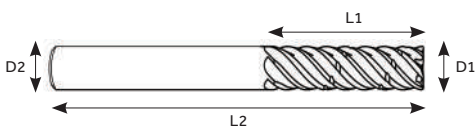


6 FLUTE V7 PLUS ULTRAFINE CARBIDE END MILLS, 45° HELIX, CHIP SPLITTER

High Performance All-Rounder for Stainless Steel, HRSA's, Cast Iron & Steels <HRC40

- Y1200 coated ultrafine micrograin carbide
- The V7+ geometry of the variable pitch reduces chatter for high speed and trochoidal milling
- Can be used for finishing or high feed roughing
- Recommended for use with high performance tool holders

from £32.13
20% OFF



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30-40	Stainless Steel	Titanium	HRSA's e.g. Inconel	Cast Iron
●	●	●	●	●	●

D1	D2	L1	L2	Order Code	List Price	Offer Price
6	6	24	75	GMH56060	£40.16	£32.13
8	8	32	75	GMH56080	£58.96	£47.17
10	10	40	100	GMH56100	£97.84	£78.27
12	12	48	120	GMH56120	£137.92	£110.34
16	16	64	140	GMH56160	£289.97	£202.98
20	20	80	150	GMH56200	£571.05	£399.74
25	25	100	170	GMH56250	£853.88	£597.72

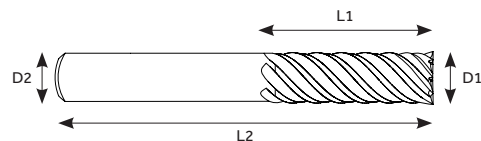


6 FLUTE V7 PLUS ULTRAFINE CARBIDE END MILLS, 45° HELIX, CORNER RADIUS

High Performance All-Rounder for Stainless Steel, HRSA's, Cast Iron & Steels <HRC40

- Y1200 coated ultrafine micrograin carbide
- The V7+ geometry of the variable pitch reduces chatter for high speed and trochoidal milling
- Can be used for finishing or high feed roughing
- Recommended for use with high performance tool holders

from £23.64
30% OFF



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30-40	Stainless Steel	Titanium	HRSA's e.g. Inconel	Cast Iron
●	●	●	●	●	●

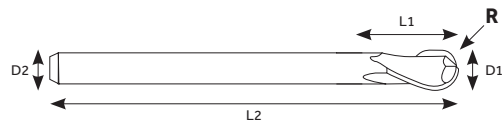
D1	R	D2	L1	L2	Order Code	List Price	Offer Price
6	0.5	6	13	57	GMG16060	£33.77	£23.64
	1				GMG16901		
	0.5	6	24	75	GMG18060	£43.95	£30.77
	1				GMG18901		
8	0.5	8	32	75	GMG18080	£63.43	£44.40
	1				GMG18902		
	2	8	19	63	GMG18903	£46.93	£32.85
	0.5				GMG16080		
10	1	10	40	100	GMG16902	£103.89	£72.72
	0.5				GMG18100		
	1				GMG18904		
	1.5				GMG18905		
	2				GMG18906		
	0.5	10	22	72	GMG16100	£74.09	£51.86
	1				GMG16903		
	1.5				GMG16904		
12	2	12	26	83	GMG16905	£100.91	£70.64
	0.5				GMG16120		
	1				GMG16906		
	1.5				GMG16907		
	2	12	48	120	GMG16908	£146.42	£102.49
	3				GMG16909		
	0.5				GMG18120		
	1				GMG18907		
	1.5				GMG18908		
	2				GMG18909		
	3				GMG18910		
16	1	16	32	92	GMG16160	£199.89	£129.93
	1.5				GMG16910		
	2				GMG16911		
	3				GMG16912		
	1	16	64	140	GMG18160	£299.78	£194.85
	1.5				GMG18911		
	2				GMG18912		
	3				GMG18913		
20	1	20	38	104	GMG16200	£373.68	£242.89
	1.5				GMG16913		
	2				GMG16914		
	3				GMG16915		
	1	20	80	150	GMG18200	£597.93	£388.66
	1.5				GMG18914		
	2				GMG18915		
	3				GMG18916		
25	4	25	44	104	GMG18917	£525.91	£341.84
	5				GMG18918		
	1				GMG16250		
	1.5				GMG16916		
	2				GMG16917		
	3				GMG16918		



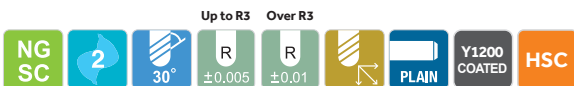
2 FLUTE 4G MILLS NANOGRAIN COATED CARBIDE MILLING CUTTERS, BALL NOSE

Excellent Performance in Dry or Wet Cutting of all Steel, Cast Iron & Hardened Steel <HRC55

- YG-1's Y1200 coating & premium nanograin carbide substrate
- HSC = High speed cutting
- Machine up to 1200°C with outstanding wear resistance
- Ball nose geometry and precision cutting edges help achieve an exceptional surface finish



from £28.82
20% OFF



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30-40	Hardened Steels HRC40-70	Stainless Steel	Cast Iron
●	●	●	●	●

D1	R	D2	L1	L2	Order Code	List Price	Offer Price
0.1	0.05	4	0.1	40	SEMD980015E	£91.57	£64.10
		4	0.2	40	SEMD98001E	£99.81	£69.87
		3	0.2	40	SEMD980013SE	£96.99	£67.89
0.15	0.075	4	0.15	40	SEMD980015SE	£64.25	£44.98
		4	0.3	40	SEMD980015E	£69.92	£48.94
		3	0.3	40	SEMD9800153SE	£67.92	£47.54
0.2	0.1	4	0.2	40	SEMD98002SE	£71.24	£49.87
		4	0.4	40	SEMD98002E	£77.53	£54.27
		3	0.4	40	SEMD980023SE	£75.24	£52.67
0.3	0.15	4	0.3	40	SEMD98003SE	£59.93	£41.95
		4	0.6	40	SEMD98003E	£65.09	£45.56
		3	0.6	40	SEMD980033SE	£63.19	£44.23
0.4	0.2	4	0.4	40	SEMD98004SE	£50.36	£35.25
		4	0.8	40	SEMD98004E	£54.59	£38.21
		3	0.8	40	SEMD980043SE	£53.05	£37.14
0.5	0.25	4	0.5	40	SEMD98005SE	£46.96	£32.87
		4	1.0	40	SEMD98005E	£50.85	£35.60
		3	1.0	40	SEMD980053SE	£49.48	£34.64
0.6	0.3	4	0.6	40	SEMD98006SE	£46.96	£32.87
		4	1.2	40	SEMD98006E	£50.85	£35.60
		3	1.2	40	SEMD980063SE	£49.48	£34.64
0.7	0.35	4	0.7	40	SEMD98007SE	£44.39	£31.07
		4	1.4	40	SEMD98007E	£47.97	£33.58
		3	1.4	40	SEMD980073SE	£46.64	£32.65
0.8	0.4	4	0.8	40	SEMD98008SE	£41.41	£28.99
		4	1.6	40	SEMD98008E	£44.63	£31.24
		3	1.6	40	SEMD980083SE	£43.42	£30.39
0.9	0.45	4	0.9	40	SEMD98009SE	£41.41	£28.99
		4	1.8	40	SEMD98009E	£44.63	£31.24
		3	1.8	40	SEMD980093SE	£43.42	£30.39
1	0.5	6	1.5	40	SEMD98010040E	£46.55	£32.59
		3	2.5	50	SEMD980103SE	£42.06	£29.44
		4	2.5	50	SEMD980104SE	£43.93	£30.75
		6	2.5	50	SEMD98010E	£46.55	£32.59
		6	2.5	70	SEMD98010070E	£54.50	£38.15
		6	2.5	100	SEMD98010100E	£68.23	£47.76
1.2	0.6	6	2	40	SEMD98012040E	£46.55	£32.59
		3	3	50	SEMD980123SE	£42.06	£29.44
		6	3	70	SEMD98012070E	£54.50	£38.15
		6	3	100	SEMD98012100E	£68.23	£47.76
		6	2.5	40	SEMD98015040E	£46.55	£32.59
		3	4	50	SEMD980153SE	£42.06	£29.44
1.5	0.75	6	4	50	SEMD98015E	£46.55	£32.59
		6	4	70	SEMD98015070E	£54.50	£38.15
		6	4	100	SEMD98015100E	£68.23	£47.76
		6	3	40	SEMD98020040E	£45.56	£31.89
		3	5	50	SEMD980203SE	£41.17	£28.82
		6	5	50	SEMD98020E	£45.56	£31.89
2	1	6	5	80	SEMD98020080E	£51.23	£35.86
		6	5	100	SEMD98020100E	£66.72	£46.70
		6	4	40	SEMD98025040E	£45.56	£31.89
		3	6	60	SEMD980253SE	£43.72	£30.60
		6	6	60	SEMD98025E	£45.56	£31.89
		6	6	80	SEMD98025080E	£51.23	£35.86
2.5	1.25	6	6	100	SEMD98025100E	£66.72	£46.70
		6	4.5	40	SEMD98030040E	£45.56	£31.89
		3	6	60	SEMD980303SE	£42.54	£29.78
		4	6	60	SEMD980304SE	£43.93	£30.75
		6	6	60	SEMD98030E	£45.56	£31.89
		6	6	80	SEMD98030080E	£51.23	£35.86
3	1.5	6	6	100	SEMD98030100E	£66.72	£46.70

D1	R	D2	L1	L2	Order Code	List Price	Offer Price
3.5	1.75	6	8	70	SEMD98035E	£47.80	£33.46
		6	6	50	SEMD98040050E	£45.56	£31.89
		4	8	70	SEMD980404SE	£45.42	£31.79
4	2	6	8	70	SEMD98040E	£47.80	£33.46
		4	8	100	SEMD980401004SE	£59.51	£41.66
		4	8	120	SEMD980401204SE	£66.30	£46.41
4.5	2.25	6	9	80	SEMD98045E	£51.23	£35.86
		6	7.5	60	SEMD98050060E	£45.56	£31.89
		6	10	80	SEMD98050E	£51.23	£35.86
5	2.5	5	10	80	SEMD980505SE	£58.55	£40.99
		6	11	90	SEMD98055E	£66.72	£46.70
		6	9	50	SEMD98060050E	£45.56	£31.89
5.5	2.75	6	9	60	SEMD98060060E	£45.56	£31.89
		6	9	80	SEMD98060080E	£51.23	£35.86
		6	12	90	SEMD98060E	£66.72	£46.70
		6	12	110	SEMD98060110E	£72.08	£50.46
		6	12	130	SEMD98060130E	£74.27	£51.99
		6	12	150	SEMD98060150E	£84.37	£59.06
6.5	3.25	8	13	90	SEMD98065E	£80.65	£56.46
		8	14	90	SEMD98070E	£80.65	£56.46
		8	12	50	SEMD98080050E	£66.27	£46.39
7	3.5	8	12	60	SEMD98080060E	£66.27	£46.39
		8	12	80	SEMD98080080E	£80.65	£56.46
		8	12	90	SEMD98080090E	£80.65	£56.46
		8	14	100	SEMD98080E	£80.65	£56.46
		8	14	130	SEMD98080130E	£104.10	£72.87
		8	14	150	SEMD98080150E	£115.08	£80.56
8.5	4.25	10	16	100	SEMD98085E	£129.23	£90.46
		9	4.5	10	SEMD98090E	£129.23	£90.46
		10	15	50	SEMD98100050E	£102.93	£72.05
9	4.5	10	15	60	SEMD98100060E	£102.93	£72.05
		10	15	80	SEMD98100080E	£129.23	£90.46
		10	15	90	SEMD98100090E	£129.23	£90.46
		10	18	100	SEMD98100E	£129.23	£90.46
		10	18	130	SEMD98100130E	£171.81	£120.27
		10	18	150	SEMD98100150E	£193.12	£135.18
10	5	10	18	180	SEMD98100180E	£212.33	£148.63
		10	18	200	SEMD98100200E	£247.00	£172.90
		12	20	100	SEMD98110E	£158.49	£110.94
		12	18	60	SEMD98120060E	£117.03	£81.92
		12	18	80	SEMD98120080E	£142.96	£100.07
		12	18	100	SEMD98120100E	£142.96	£100.07
11	5.5	12	22	110	SEMD98120E	£156.60	£109.62
		12	22	130	SEMD98120130E	£170.04	£119.03
		12	22	150	SEMD98120150E	£193.16	£135.21
		12	22	180	SEMD98120180E	£238.65	£167.06
		12	24	100	SEMD98130E	£205.67	£143.97
		12	26	100	SEMD98140E	£187.79	£131.46
12	6	14	26	100	SEMD9814014SE	£187.79	£131.46
		16	26	100	SEMD9814016SE	£228.64	£160.05
		16	28	140	SEMD98150E	£332.28	£232.59
		16	24	100	SEMD98160100E	£228.64	£160.05
		16	24	130	SEMD98160130E	£303.39	£212.37
		16	30	180	SEMD98160180E	£356.05	£249.23
13	6.5	16	30	200	SEMD98160200E	£396.72	£277.70
		16	34	150	SEMD98180E	£371.60	£260.12
		18	34	150	SEMD9818018SE	£371.60	£260.12
		20	30	100	SEMD98200100E	£372.76	£260.93
		20	30	130	SEMD98200130E	£468.11	£327.68
		20	38	150	SEMD98200E	£468.11	£327.68
14	7	20	38	200	SEMD98200200E	£604.82	£423.37

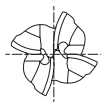


4 FLUTE V7 PLUS COATED CARBIDE MILLING CUTTERS, BALL NOSE, MULTIPLE HELIX

Excellent on Stainless Steel, HRSA's, Cast Iron & Mild Steel <HRC40

- Y1200 coated ultrafine micrograin carbide
- Multiple helix design supports large depths of cut and aggressive feed rates
- HPC = High performance cutting
- Special flute geometry and multiple helix eliminates vibration

from £20.34
30% OFF



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30~40	Stainless Steel	Titanium	HRSA's e.g. Inconel	Cast Iron
●	●	●	●	●	●

D1	R	D2	L1	L2	Order Code	List Price	Offer Price
3	1.5	6	8	57	GMG55030	£29.05	£20.34
4	2	6	11	57	GMG55040	£29.05	£20.34
5	2.5	6	13	57	GMG55050	£29.05	£20.34
6	3	6	13	57	GMG55060	£29.05	£20.34
8	4	8	19	63	GMG55080	£40.79	£28.55
10	5	10	22	72	GMG55100	£64.09	£44.86
12	6	12	26	83	GMG55120	£88.12	£61.68
16	8	16	32	92	GMG55160	£166.62	£116.63
20	10	20	38	104	GMG55200	£311.73	£218.21
25	12.5	25	38	104	GMG55250	£440.70	£308.49

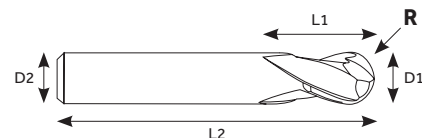
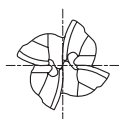


4 FLUTE EV MILLS Y-COATED ULTRAFINE CARBIDE MILLING CUTTERS, BALL NOSE

Economic High Performance Machining of Steels <HRC40, Stainless Steel, HRSA's, Cast Iron

- For roughing and finishing applications with two centre-cutting edges
- Smooth cutting action, unequal flute geometry and variable multiple helix eliminate vibration
- Suitable for steel <HRC40, stainless steel, exotics and cast iron

from £9.60
40% OFF



Carbon & Alloy Steels <HB325	Pre Hard. Steels HRC30~40	Stainless Steel	Titanium	HRSA's e.g. Inconel	Cast Iron
●	●	●	●	●	●

D1	R	D2	L1	L2	Order Code	List Price	Offer Price
2	1	6	4.5	38	GMK65020	£16.00	£9.60
3	1.5	6	5.5	38	GMK65030	£17.77	£10.66
4	2	6	7.5	38	GMK65040	£17.77	£10.66
5	2.5	6	9	38	GMK65050	£17.77	£10.66
6	3	6	9	38	GMK65060	£17.77	£10.66
8	4	8	12	43	GMK65080	£25.92	£15.55
10	5	10	14	50	GMK65100	£38.86	£23.32
12	6	12	16.5	55	GMK65120	£51.46	£30.88



cutwel PRO**2 FLUTE 30/45/60° CHAMFER DRILL MILLS**

- Uncoated solid carbide
- Angle refers to the chamfer angle, not the inclusive angle
- One tool for multiple applications: v-slot milling, countersinking, angle milling, chamfering, spot drilling, drilling, profiling and bevel milling

from £20.34
10% OFF

Steel	Stainless Steel	Cast Iron	Aluminium
●	○	●	○

D1	D2	L1	L2	Order Code			List Price	Offer Price
				30°	45°	60°		
1	3	2	39	-	DM200-45-1	-	£22.60	£20.34
1.2	3	2.4	39	-	DM200-45-1.2	-	£22.60	£20.34
1.5	3	3	39	-	DM200-45-1.5	-	£22.60	£20.34
2	3	4	39	-	DM200-45-2	-	£22.60	£20.34
2.5	3	5	39	-	DM200-45-2.5	-	£22.60	£20.34
3	4	6	50	DM200-30-3	DM200-45-3	DM200-60-3	£27.86	£25.07
4	5	8	50	DM200-30-4	DM200-45-4	DM200-60-4	£29.63	£26.67
5	6	10	50	DM200-30-5	DM200-45-5	DM200-60-5	£29.63	£26.67
6	8	12	60	DM200-30-6	DM200-45-6	DM200-60-6	£44.58	£40.12
8	10	16	70	DM200-30-8	DM200-45-8	DM200-60-8	£56.88	£51.19
10	12	18	70	DM200-30-10	DM200-45-10	DM200-60-10	£68.62	£61.76
12	12	20	70	DM200-30-12	DM200-45-12	DM200-60-12	£74.17	£66.75
16	16	26	80	-	DM200-45-16	-	£95.66	£86.09
20	20	32	100	-	DM200-45-20	-	£158.81	£142.93

cutwel PRO**4 FLUTE 45° GENERAL PURPOSE SOLID CARBIDE CHAMFER MILLS**

Uncoated and TiAlN Coated Carbide

- Chamfer milling cutter suitable for general machining all materials up to HRC45
- Available in 45 degrees
- Plain shank

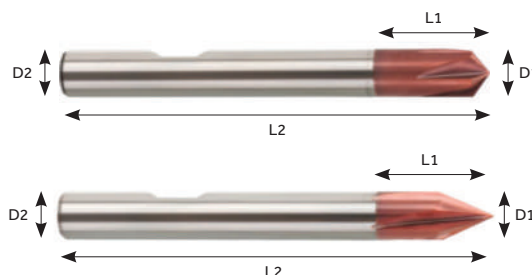
from £23.16
10% OFF

D1	D2	L1	L2	Order Code	List Price	Offer Price
6	6	8	38	CMC200-45-6	£25.73	£23.16
8	8	11	43	CMC200-45-8	£37.55	£33.80
10	10	13	50	CMC200-45-10	£51.42	£46.28
12	12	15	60	CMC200-45-12	£69.61	£62.65

cutwel PRO**3-5 FLUTE 30/60° GENERAL PURPOSE SOLID CARBIDE CHAMFER MILLS**

Uncoated and TiAlN Coated Carbide

- Chamfer milling cutter suitable for general machining all materials up to HRC45
- Available in 30 or 60 degrees
- Weldon shank

from £24.78
10% OFF

D1	D2	L1	L2	No. of Flutes	Order Code		List Price	Offer Price
					30°	60°		
1	3	3	39	3	CMC200-30-1	CMC200-60-1	£27.53	£24.78
2	3	3	39		CMC200-30-2	CMC200-60-2	£27.53	£24.78
3	3	3	39		CMC200-30-3	CMC200-60-3	£30.32	£27.29
4	4	4	54	4	CMC200-30-4	CMC200-60-4	£33.53	£30.18
6	6	6	57	5	CMC200-30-6	CMC200-60-6	£40.31	£36.28
8	8	8	63		CMC200-30-8	CMC200-60-8	£57.47	£51.72
10	10	10	72		CMC200-30-10	CMC200-60-10	£77.03	£69.33
12	12	12	83		CMC200-30-12	CMC200-60-12	£114.54	£103.09

cutwel **PRO**from £45.24
25% OFF**4 FLUTE TiAIN COATED CARBIDE CORNER ROUNDING CUTTERS**

- Corner rounding for machining external radii
- TiAIN coated carbide for high performance machining
- Excellent for steel, stainless steel & cast iron
- Also suitable for hardened steel up to HRC45 & HRSA's
- Plain shank



Steel	Hardened Steel	Stainless Steel	HRSA's e.g. Inconel	Cast Iron	Aluminium
●	○	●	●	●	●

R	D1	D2	L2	Order Code	List Price	Offer Price
0.5	5	6	58	CRT200--R0.5	£60.32	£45.24
1	4	6	58	CRT200--R1	£60.32	£45.24
1.5	5	8	64	CRT200--R1.5	£81.66	£61.25
2	6	10	72	CRT200--R2	£109.52	£82.14
2.5	5	10	72	CRT200--R2.5	£109.52	£82.14
3	6	12	74	CRT200--R3	£129.96	£97.47
3.5	5	12	74	CRT200--R3.5	£129.96	£97.47
4	8	16	80	CRT200--R4	£163.31	£122.48
4.5	7	16	80	CRT200--R4.5	£163.31	£122.48
5	6	16	80	CRT200--R5	£163.31	£122.48
5.5	9	20	80	CRT200--R5.5	£226.45	£169.84
6	8	20	80	CRT200--R6	£226.45	£169.84

cutwel **PRO****3-4 FLUTE 45° TiAIN COATED FRONT & BACK CHAMFER MILLS**from £24.70
25% OFF

- 1 tool for multiple applications: chamfering, back chamfering, groove milling, countersinking & deburring
- TiAIN coated carbide



Steel	Stainless Steel	Cast Iron	Aluminium
●	○	●	○

D1	D2	D3	L1	L2	No. of Flutes	Order Code	List Price	Offer Price
1.4	3	0.9	3.8	39	3	CMFB-45-1.4	£32.93	£24.70
1.9	3	1.2	5	39		CMFB-45-1.9	£32.93	£24.70
2.4	3	1.5	6.2	39		CMFB-45-2.4	£32.93	£24.70
2.9	3	1.8	7.4	39		CMFB-45-2.9	£32.93	£24.70
3.4	4	2.1	8.6	54		CMFB-45-3.4	£40.58	£30.44
3.9	4	2.4	9.8	54		CMFB-45-3.9	£40.58	£30.44
4.4	5	2.7	11	55		CMFB-45-4.4	£48.44	£36.33
4.9	5	3	12.2	55		CMFB-45-4.9	£48.44	£36.33
5.9	6	3.6	14.6	57		CMFB-45-5.9	£51.37	£38.53
7.8	6	-	-	100	4	CMFB-45-7.8	£102.29	£76.72
9.8		-	-			CMFB-45-9.8	£131.60	£98.70
11.8		-	-			CMFB-45-11.8	£144.78	£108.59
13.8		-	-			CMFB-45-13.8	£181.70	£136.28
15.8		-	-			CMFB-45-15.8	£227.63	£170.72




40% OFF 20+ INSERTS

High Performance Turning Inserts

For general and medium turning applications.

Grade Guide

YG211

Universal

PVD coated grade for medium to low speed turning on steel, stainless, exotics and cast iron

YG3125

Steel P25

CVD coated P25 steel grade. Exceptional performance in medium speed continuous or light intermittent turning.

YG2035

Stainless M35

Super CVD coated M35 stainless for reliable turning. For medium to low speed continuous & heavy intermittent turning.

YG401

Exotics, Stainless & Hardened Steel <HRC60

Super PVD grade, 1st choice for inconel & titanium turning. Also exceptional for small part stainless turning and hardened steel.

YG10

Aluminium

Uncoated polished N15 grade. High speed turning of aluminium, plastic & copper.

Insert	Radius	ISO Code	Order Code					Price	
			Universal YG211	Steel YG3125	Stainless YG2035	HRSA YG401	Aluminium YG10	1-19pc	20+pc
CCGT-AL (uncoated)	0.2	CCGT060202	-	-	-	-	YG22001398	£7.71	£4.63
	0.4	CCGT060204	-	-	-	-	YG22001320	£7.71	£4.63
	0.2	CCGT09T302	-	-	-	-	YG22000339	£8.66	£5.20
	0.4	CCGT09T304	-	-	-	-	YG22000081	£8.66	£5.20
	0.8	CCGT09T308	-	-	-	-	YG22000082	£8.66	£5.20
	0.2	CCGT120402	-	-	-	-	YG22000473	£10.20	£6.12
	0.4	CCGT120404	-	-	-	-	YG22000475	£10.20	£6.12
	0.8	CCGT120408	-	-	-	-	YG22000477	£10.20	£6.12
CCGT-SF (coated)	0.1	CCGT060201	-	-	-	YG22002065	-	£9.27	£5.56
	0.2	CCGT060202	-	-	-	YG22002066	-	£9.27	£5.56
	0.4	CCGT060204	-	-	-	YG22002067	-	£9.27	£5.56
	0.1	CCGT09T301	-	-	-	YG22002071	-	£10.39	£6.23
	0.2	CCGT09T302	-	-	-	YG22002072	-	£10.39	£6.23
	0.4	CCGT09T304	-	-	-	YG22002073	-	£10.39	£6.23
	0.8	CCGT09T308	-	-	-	YG22002074	-	£10.39	£6.23
CCMT	0.4	CCMT060204	YG22002726	YG22003196	YG22003674	-	-	£6.69	£4.01
	0.8	CCMT060208	YG22002352	YG22003301	-	-	-	£6.69	£4.01
	0.4	CCMT09T304	YG22001591	YG22003198	YG22003678	YG22002039	-	£7.93	£4.76
	0.8	CCMT09T308	YG22001887	YG22003191	YG22003680	YG22001944	-	£7.93	£4.76
	0.4	CCMT120404	-	YG22003199	YG22003683	-	-	£9.00	£5.40
	0.8	CCMT120408	-	YG22003192	YG22003685	-	-	£9.00	£5.40
	1.2	CCMT120412	-	YG22003328	-	-	-	£9.00	£5.40
CNMG	0.4	CNMG120404	YG22000547	YG22003201	YG22003689	-	-	£7.93	£4.76
	0.8	CNMG120408	YG22000494	YG22003174	YG22003692	YG22001189	-	£7.93	£4.76
	1.2	CNMG120412	YG22000549	YG22003206	YG22003697	YG22001292	-	£7.93	£4.76
DCGT-AL (uncoated)	0.4	DCGT070202	-	-	-	-	YG22001399	£8.08	£4.85
	0.8	DCGT070204	-	-	-	-	YG22001400	£8.08	£4.85
	0.2	DCGT11T302	-	-	-	-	YG22000341	£9.55	£5.73
	0.4	DCGT11T304	-	-	-	-	YG22000083	£9.55	£5.73
	0.8	DCGT11T308	-	-	-	-	YG22000084	£9.55	£5.73
DCGT-SF (coated)	0.2	DCGT070201	-	-	-	YG22002068	-	£9.68	£5.81
	0.4	DCGT070202	-	-	-	YG22002069	-	£9.68	£5.81
	0.8	DCGT070204	-	-	-	YG22002070	-	£9.68	£5.81
	0.1	DCGT11T301	-	-	-	YG22002075	-	£11.45	£6.87
	0.2	DCGT11T302	-	-	-	YG22001474	-	£11.45	£6.87
	0.4	DCGT11T304	-	-	-	YG22001463	-	£11.45	£6.87
	0.8	DCGT11T308	-	-	-	YG22002076	-	£11.45	£6.87

Insert	Radius	ISO Code	Order Code					Price	
			Universal YG211	Steel YG3125	Stainless YG2035	HRSA YG401	Aluminium YG10	1-19pc	20+pc
DCMT 	0.4	DCMT070204	YG22001999	YG22003210	YG22003705	YG22002040	-	£7.93	£4.76
	0.8	DCMT070208	-	YG22003309	YG22003706	-	-	£7.93	£4.76
	0.4	DCMT11T304	YG22001990	YG22003212	YG22003709	YG22001332	-	£8.63	£5.18
	0.8	DCMT11T308	YG22001984	YG22003214	YG22003711	YG22002042	-	£8.63	£5.18
DNMG 	0.4	DNMG110404	-	-	YG22003713	-	-	£8.31	£4.98
	0.8	DNMG110408	-	-	YG22003714	-	-	£8.31	£4.98
	0.4	DNMG150404	-	YG22003316	YG22003716	-	-	£9.88	£5.93
	0.8	DNMG150408	YG22000513	YG22003253	YG22003719	YG22001300	-	£9.88	£5.93
	1.2	DNMG150412	YG22000561	YG22003281	YG22003722	YG22001303	-	£9.88	£5.93
	0.4	DNMG150604	YG22000553	YG22003216	YG22003726	-	-	£10.54	£6.32
	0.8	DNMG150608	YG22000515	YG22003218	YG22003728	YG22001301	-	£10.54	£6.32
	1.2	DNMG150612	YG22000563	YG22003221	YG22003731	YG22001302	-	£10.54	£6.32
KNUX 	0.5	KNUX160405L	YG22002260	-	-	-	-	£9.73	£5.84
	0.5	KNUX160405R	YG22002261	-	-	-	-	£9.73	£5.84
RCMT 	3.0	RCMT0602M0	YG22002233	YG22003256	-	-	-	£7.22	£4.33
	4.0	RCMT0803M0	YG22002234	YG22003257	-	-	-	£7.49	£4.50
	5.0	RCMT10T3M0	YG22002231	YG22003258	-	-	-	£7.93	£4.76
	6.0	RCMT1204M0	YG22002232	YG22003259	-	-	-	£8.63	£5.18
SNMG 	0.4	SNMG120404	-	-	YG22003745	-	-	£7.93	£4.76
	0.8	SNMG120408	YG22000555	YG22003188	YG22003747	YG22001696	-	£7.93	£4.76
	1.2	SNMG120412	YG22000565	YG22003226	YG22003750	-	-	£7.93	£4.76
	1.6	SNMG120416	-	YG22003346	-	-	-	£7.93	£4.76
TCGT-AL (uncoated) 	0.4	TCGT110204	-	-	-	-	YG22001333	£8.08	£4.85
	0.2	TCGT16T302	-	-	-	-	YG22000343	£8.08	£4.85
	0.4	TCGT16T304	-	-	-	-	YG22000085	£8.08	£4.85
	0.8	TCGT16T308	-	-	-	-	YG22000086	£8.08	£4.85
TCMT 	0.4	TCMT110204	-	YG22003228	YG22003757	-	-	£6.88	£4.13
	0.8	TCMT110208	-	YG22003308	YG22003759	-	-	£6.88	£4.13
	0.4	TCMT16T304	YG22001993	YG22003229	YG22003761	YG22002043	-	£8.46	£5.08
	0.8	TCMT16T308	YG22001952	YG22003193	YG22003763	YG22001955	-	£8.46	£5.08
TNMG 	0.4	TNMG160404	YG22000567	YG22003231	YG22003766	-	-	£7.22	£4.33
	0.8	TNMG160408	YG22000569	YG22003189	YG22003769	YG22001228	-	£7.22	£4.33
	1.2	TNMG160412	YG22000611	YG22003293	YG22003772	YG22001508	-	£7.22	£4.33
	0.8	TNMG220408	-	YG22003235	-	-	-	£9.88	£5.93
	1.2	TNMG220412	-	YG22003375	-	-	-	£9.88	£5.93
	1.6	TNMG220416	-	YG22003325	-	-	-	£9.88	£5.93
VBMT 	0.4	VBMT160404	YG22001960	YG22003239	YG22003781	YG22002044	-	£10.07	£6.04
	0.8	VBMT160408	YG22002011	YG22003241	YG22003783	YG22002045	-	£10.07	£6.04
VCGT-AL (uncoated) 	0.1	VCGT110301	-	-	-	-	YG22001041	£9.69	£5.82
	0.2	VCGT110302	-	-	-	-	YG22001042	£9.69	£5.82
	0.4	VCGT110304	-	-	-	-	YG22001518	£9.69	£5.82
	0.2	VCGT160402	-	-	-	-	YG22000417	£11.01	£6.61
	0.4	VCGT160404	-	-	-	-	YG22000087	£11.01	£6.61
	0.8	VCGT160408	-	-	-	-	YG22000419	£11.01	£6.61
VCGT-SF (coated) 	0.1	VCGT110301	-	-	-	YG22002077	-	£11.63	£6.98
	0.2	VCGT110302	-	-	-	YG22001481	-	£11.63	£6.98
	0.4	VCGT110304	-	-	-	YG22002078	-	£11.63	£6.98
	0.8	VCGT110308	-	-	-	YG22002079	-	£11.63	£6.98
VCMT 	0.4	VCMT160404	YG22002258	-	YG22003787	-	-	£10.07	£6.04
	0.8	VCMT160408	YG22002259	YG22003271	YG22003789	-	-	£10.07	£6.04
WNMG 	0.4	WNMG060404	YG22001215	YG22003319	YG22003801	-	-	£7.22	£4.33
	0.8	WNMG060408	YG22001216	YG22003296	YG22003804	-	-	£7.22	£4.33
	1.2	WNMG060412	-	-	YG22003807	-	-	£7.22	£4.33
	0.4	WNMG080404	YG22000667	YG22003246	YG22003811	-	-	£8.46	£5.08
	0.8	WNMG080408	YG22000497	YG22003190	YG22003814	YG22001311	-	£8.46	£5.08
	1.2	WNMG080412	YG22000612	YG22003283	YG22003817	YG22001312	-	£8.46	£5.08



PCLNR/L 95° TURNING TOOL CNMG/CNMA



Shank	Holder ISO	Order Code	Inserts	Offer Price
		R/H L/H		
20	PCLNR2020-K12	P130 P140	CNMG	£32.78
25	PCLNR2525-M12	P132 P142	CNMA	£32.86
32	PCLNR3232-P12	P134 P144	1204	£37.28



PDJNR/L 93° TURNING TOOL DNMG/DNMA



Shank	Holder ISO	Order Code	Inserts	Offer Price
		R/H L/H		
20	PDJNR/L2020-K15	P110 P122	DNMG	£32.91
25	PDJNR/L2525-M15	P112 P124	DNMA	£32.54
32	PDJNR/L3232-P15	P114 P126	1506	£37.31



PSSNR/L 45° TURNING TOOL SNMG/SNMA



Shank	Holder ISO	Order Code	Inserts	Offer Price
		R/H L/H		
20	PSSNR/L2020-K12	P171 P181	SNMG/	£32.98
25	PSSNR/L2525-M12	P172 P182	SNMA12	£32.83



SRDCN TURNING TOOL RCMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
		Neutral		
20	SRDCN2020K08	D270	RCMT08	£29.21
25	SRDCN2525M08	D271		£36.52
20	SRDCN2020K10	D272	RCMT10	£29.21
25	SRDCN2525M10	D274		£36.52
20	SRDCN2020K12	D276	RCMT12	£29.21
25	SRDCN2525M12	D278		£36.52



MTJNR/L 93° TURNING TOOL TNMG/TNMA



Shank	Holder ISO	Order Code	Inserts	Offer Price
		R/H L/H		
20	MTJNR/L2020-K16	D194 D332	TNMG	£27.94
25	MTJNR/L2525-M16	D196 D334	1604	£34.92
20	MTJNR/L2020-K22	D200 D338	TNMG	£27.94
25	MTJNR/L2525-M22	D202 D340		£34.92
32	MTJNR/L3232-P22	D204 D342	2204	£44.70



PWLNR/L 95° TURNING TOOL WNMG/WNMA



Shank	Holder ISO	Order Code	Inserts	Offer Price
		R/H L/H		
20	PWLNR/L2020-K06	P160 P165	WNMG	£29.59
25	PWLNR/L2525-M06	P161 P166	0604	£25.04
20	PWLNR/L2020-K08	P150 P155	WNMG	£32.98
25	PWLNR/L2525-M08	P151 P156		£32.23
32	PWLNR/L3232-P08	P152 P157	0804	£37.31



SCLCR/L 95° TURNING TOOL CCGT/CCMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
		R/H L/H		
16	SCLCR/L1616H09	D428 D406	CCMT	£23.36
20	SCLCR/L2020K09	D402 D407	CCGT	£29.21
25	SCLCR/L2525M09	D403 D408	09T3	£36.52



SDJCR/L 93° TURNING TOOL DCGT/DCMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
		R/H L/H		
16	SDJCR/L1616H11	D224 D364	DCMT	£23.36
20	SDJCR/L2020-K11	D226 D366	DCGT	£29.21
25	SDJCR/L2525-M11	D228 D368	11T3	£36.52



SDNCN 62.5° TURNING TOOL DCGT/DCMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
		Neutral		
16	SDNCN1616H11	D120	DCMT	£22.35
20	SDNCN2020K11	D122	DCGT	£27.94
25	SDNCN2525M11	D124	11T3	£34.92



SVJBR/L 93° TURNING TOOL VBGT/VBMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
		R/H L/H		
16	SVJBR/L1616H16	D235 D374	VBMT	£23.36
20	SVJBR/L2020K16	D236 D380	VBGT	£29.21
25	SVJBR/L2525M16	D238 D382	1604	£36.52



SVHBR/L 107.5° TURNING TOOL VBGT/VBMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
		R/H L/H		
20	SVHBR/L2020K16	D354-1 D355	VBMT	£29.21
25	SVHBR/L2525M16	D356-1 D356-2	VBGT	£36.52
			1604	



SVVBN 72.5° TURNING TOOL VBGT/VBMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
		Neutral		
16	SVVBN1616H16	D132	VBMT	£22.35
20	SVVBN2020K16	D138	VBGT	£27.94
25	SVVBN2525M16	D140	1604	£34.92



SVJCR/L 93° TURNING TOOL VCGT/VCMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
		R/H L/H		
16	SVJCR/L1616H16	D244 D388	VCMT	£23.36
20	SVJCR/L2020K16	D246 D390	VCGT	£29.21
25	SVJCR/L2525M16	D248 D392	1604	£36.52



SVHCR/L 107.5° TURNING TOOL VCGT/VCMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
		R/H L/H		
20	SVHCR/L2020K16	D254 D354	VCMT	£29.21
25	SVHCR/L2525M16	D256 D356	VCGT	£36.52
			1604	



SVVCN 72.5° TURNING TOOL VCGT/VCMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
		Neutral		
16	SVVCN1616H16	D144	VCMT	£22.35
20	SVVCN2020K16	D150	VCGT	£27.94
25	SVVCN2525M16	D152	1604	£34.92



PCLNR/L 95° BORING BAR CNMG/CNMA



Shank	Holder ISO	Order Code	Inserts	Offer Price
R/H	L/H			
25	S25S-PCLNR/L-12	P340 P350	CNMG	£39.78
32	S32T-PCLNR/L-12	P342 P352	CNMA	£48.59
40	S40T-PCLNR/L-12	P344 P354	1204	£60.74



PDUNR/L 93° BORING BAR DNMG/DNMA



Shank	Holder ISO	Order Code	Inserts	Offer Price
R/H	L/H			
25	S25S-PDUNR/L-15	P300 P310	DNMG	£39.80
32	S32T-PDUNR/L-15	P302 P312	DNMA	£48.59
40	S40T-PDUNR/L-15	P304 P314	1506	£59.40



PWLNR/L 95° BORING BAR WNMG/WNMA



Shank	Holder ISO	Order Code	Inserts	Offer Price
R/H	L/H			
25	S25S-PWLNR/L-08	P360 P370	WNMG	£39.47
32	S32T-PWLNR/L-08	P362 P372	0804	£47.64
40	S40T-PWLNR/L-08	P364 P374		£59.70



SCLCR/L 95° BORING BAR CNGT/CNMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
R/H	L/H			
10	S10J-SCLCR/L-06	K104 K234	CCMT	£15.24
12	S12K-SCLCR/L-06	K106 K236	0602	£18.29
16	S16Q-SCLCR/L-09	K110 K240		£24.38
20	S20Q-SCLCR/L-09	K114 K244	CCMT	£30.48
25	S25R-SCLCR/L-09	K116 K246	CCGT	£38.09
			09T3	



SDQCR/L 107.5° BORING BAR DCGT/DCMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
R/H	L/H			
10	S10J-SDQCR/L-07	K140 K270	DCMT	£15.24
12	S12K-SDQCR/L-07	K142 K272	0702	£18.29
16	S16Q-SDQCR/L-11	K146 K276		£24.38
20	S20Q-SDQCR/L-11	K148 K278	DCMT	£30.48
25	S25R-SDQCR/L-11	K150 K280	DCGT	£38.09
32	S32T-SDQCR/L-11	K152 K281	11T3	£48.77
40	S40T-SDQCR/L-11	K154 -		£60.95



SDUCR/L 93° BORING BAR DCGT/DCMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
R/H	L/H			
10	S10J-SDUCR/L-07	K120 K250	DCMT	£15.24
12	S12K-SDUCR/L-07	K122 K252	0702	£18.29
16	S16Q-SDUCR/L-11	K128 K258		£24.38
20	S20Q-SDUCR/L-11	K130 K260	DCMT	£30.48
25	S25R-SDUCR/L-11	K132 K262	DCGT	£38.09
32	S32T-SDUCR/L-11	K134 K263	11T3	£48.77



SD-CR/L 62.5° BORING BAR DCGT/DCMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
R/H				
10	S10K-SD-CR/L-07	K168	DCMT	£15.24
12	S12K-SD-CR/L-07	K170	0702	£18.29
16	S16Q-SD-CR/L-11	K172		£24.38
20	S20Q-SD-CR/L-11	K174	DCMT	£30.48
25	S25R-SD-CR/L-11	K176	DCGT	£38.09
32	S32T-SD-CR/L-11	K178	11T3	£48.77



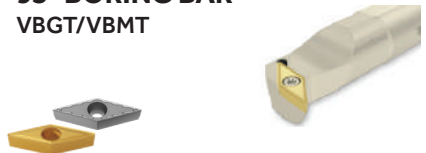
SVQBR/L 107.5° BORING BAR VBGT/VBMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
R/H	L/H			
16	S16Q-SVQBR/L-11	K216 K310	VBMT	£24.38
20	S20Q-SVQBR/L-11	K217 K312	1103	£30.48
25	S25R-SVQBR/L-16	K218 K314	VBMT	£38.09
32	S32T-SVQBR/L-16	K219 K316	VBGT	£48.77
40	S40T-SVQBR/L-16	K220 K318	1604	£60.95



SVUBR/L 93° BORING BAR VBGT/VBMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
R/H	L/H			
16	S16Q-SVUBR/L-11	K206 K282	VBMT	£24.38
20	S20Q-SVUBR/L-11	K207 K284	1103	£30.48
25	S25R-SVUBR/L-16	K208 K286	VBMT	£38.09
32	S32T-SVUBR/L-16	K209 K288	VBGT	£48.77
40	S40T-SVUBR/L-16	K210 -	1604	£60.95



STFCR/L 91° BORING BAR TCGT/TCMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
R/H	L/H			
12	S12K-STFCR/L-11	K160 K184	TCMT	£18.29
16	S16Q-STFCR/L-11	K161 K185	TCGT	£24.38
			1102	
20	S20Q-STFCR/L-16	K164 K187	TCMT	£30.48
25	S25R-STFCR/L-16	K166 K188	16T3	£38.09



SVQCR/L 107.5° BORING BAR VCGT/VCMT



Shank	Holder ISO	Order Code	Inserts	Offer Price
R/H	L/H			
16	S16Q-SVQCR/L-11	K221 K319	VCMT	£24.38
20	S20Q-SVQCR/L-11	K222 K320	1103	£30.48
25	S25R-SVQCR/L-16	K223 K322	VCMT	£38.09
32	S32T-SVQCR/L-16	K224 K324	VCGT	£48.77
40	S40T-SVQCR/L-16	K225 -	1604	£60.95



SVUCR/L 93° BORING BAR VCGT/VCMT



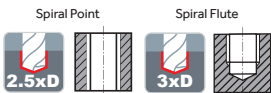
Shank	Holder ISO	Order Code	Inserts	Offer Price
R/H	L/H			
16	S16Q-SVUCR/L-11	K211 K300	VCMT	£24.38
20	S20Q-SVUCR/L-11	K212 K302	VCGT	£30.48
			1103	
25	S25R-SVUCR/L-16	K213 K304	VCMT	£38.09
32	S32T-SVUCR/L-16	K214 K306	1604	£48.77



METRIC COARSE & METRIC FINE HSSE COMBO MACHINE TAP

- General purpose tapping of steel, stainless steel, cast iron & non-ferrous material
- 6H tolerance

from £5.85
UP TO 25% OFF



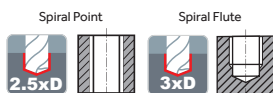
ØD1	Pitch	Flute Length	Overall Length	Shank Dia	Sq.	Drill Dia.	Uncoated		List Price	Offer Price	TIN Coated		List Price	Offer Price
							Spiral Point	Spiral Flute			Spiral Point	Spiral Flute		
Metric Coarse														
M2	0.4	8	45	2.8	2.1	1.6	TC814136	TC804136	£16.97	£12.73	TD814136	TD804136	£19.96	£16.97
M2.5	0.45	9	50	2.8	2.1	2.05	TC814176	TC804176	£14.13	£10.60	TD814176	TD804176	£17.21	£14.63
M3	0.5	11	56	3.5	2.7	2.5	TC814206	TC804206	£11.18	£8.39	TD814206	TD804206	£14.20	£12.07
M3.5	0.6	12	56	4	3	2.9	TC814226	TC804226	£8.55	£6.41	TD814226	TD804226	£15.73	£13.37
M4	0.7	13	63	4.5	3.4	3.3	TC814246	TC804246	£11.18	£8.39	TD814246	TD804246	£14.43	£12.27
M4.5	0.75	14	70	6	4.9	3.7	TC814266	TC804266	£7.80	£5.85	TD814266	TD804266	£14.94	£12.70
M5	0.8	15	70	6	4.9	4.2	TC814286	TC804286	£11.58	£8.69	TD814286	TD804286	£14.94	£12.70
M6	1	17	80	6	4.9	5	TC814316	TC804316	£11.58	£8.69	TD814316	TD804316	£14.94	£12.70
M7	1	17	80	7	5.5	6	TC814346	TC804346	£12.40	£9.30	TD814346	TD804346	£17.68	£15.03
M8	1.25	20	90	8	6.2	6.8	TC814366	TC804366	£15.03	£11.27	TD814366	TD804366	£20.38	£17.32
M10	1.5	22	100	10	8	8.5	TC814426	TC804426	£18.18	£13.64	TD814426	TD804426	£24.38	£20.72
M12	1.75	24	110	9	7	10.2	TC814506	TC804506	£24.26	£18.20	TD814506	TD804506	£32.51	£27.63
M14	2	26	110	11	9	12	TC814546	TC804546	£27.05	£20.29	TD814546	TD804546	£39.08	£33.22
M16	2	27	110	12	9	14	TC814606	TC804606	£24.93	£18.70	TD814606	TD804606	£47.14	£40.07
M18	2.5	30	125	14	11	15.5	TC814656	TC804656	£32.52	£24.39	TD814656	TD804656	£61.42	£52.21
M20	2.5	32	140	16	12	17.5	TC814706	TC804706	£57.56	£43.17	TD814706	TD804706	£73.46	£62.44
M22	2.5	32	140	18	14.5	19.5	TC814746	TC804746	£49.92	£37.44	TD814746	TD804746	£92.74	£78.83
M24	3	34	160	18	14.5	21	TC814786	TC804786	£52.60	£39.45	TD814786	TD804786	£99.88	£84.90
M27	3	36	160	20	16	24	TC814866	TC804866	£84.04	£63.03	TD814866	TD804866	£151.47	£128.75
M30	3.5	40	180	22	18	26.5	TC814946	TC804946	£101.75	£76.31	TD814946	TD804946	£185.22	£157.44
M33	3.5	34	160	18	14.5	21	TC814A46	TC804A46	£129.81	£97.36	TD814A46	TD804A46	£223.09	£189.63
M36	4.0	36	160	20	16	24	TC814B36	TC804B36	£159.29	£119.47	TD814B36	TD804B36	£279.15	£237.28
M39	4.0	40	180	22	18	26.5	TC814C06	TC804C06	£247.06	£185.30	TD814C06	TD804C06	£422.36	£359.01
M42	4.5	40	180	25	20	29.5	TC814C86	TC804C86	£261.83	£196.37	TD814C86	TD804C86	£474.18	£403.05
M45	4.5	50	200	28	22	32.0	TC814D56	TC804D56	£302.38	£226.79	TD814D56	TD804D56	£456.57	£388.08
M48	5.0	50	200	32	24	35.0	TC814E26	TC804E26	£335.59	£251.69	TD814E26	TD804E26	£594.96	£505.72
M52	5.0	56	200	32	24	37.5	TC814F36	TC804F36	£508.75	£381.56	TD814F36	TD804F36	£719.95	£611.96
Metric Fine														
M4	0.5	10	63	2.8	2.1	3.5	TC854256	TC844256	£23.11	£17.33	TD854256	TD844256	£22.73	£19.32
M5	0.5	11	70	3.5	2.7	4.5	TC854296	TC844296	£23.48	£17.61	TD854296	TD844296	£23.00	£19.55
M6	0.75	13	80	4.5	3.4	5.2	TC854326	TC844326	£23.11	£17.33	TD854326	TD844326	£22.73	£19.32
M6	0.5	13	80	4.5	3.4	5.5	TC854336	TC844336	£23.48	£17.61	TD854336	TD844336	£23.00	£19.55
M7	0.75	14	80	5.5	4.3	6.2	TC854356	TC844356	£34.27	£25.70	TD854356	TD844356	£32.67	£27.77
M8	1	17	90	6	4.9	7	TC854376	TC844376	£25.22	£18.92	TD854376	TD844376	£26.38	£22.42
M8	0.75	14	80	6	4.9	7.2	TC854386	TC844386	£26.88	£20.16	TD854386	TD844386	£26.89	£22.86
M10	1.25	22	100	7	5.5	8.8	TC854436	TC844436	£30.68	£23.01	TD854436	TD844436	£31.97	£27.17
M10	1	18	90	7	5.5	9	TC854446	TC844446	£29.56	£22.17	TD854446	TD844446	£30.41	£25.85
M10	0.75	18	90	7	5.5	9.2	TC854456	TC844456	£37.31	£27.98	TD854456	TD844456	£36.87	£31.34
M12	1.5	22	100	9	7	10.5	TC854516	TC844516	£32.94	£24.71	TD854516	TD844516	£34.96	£29.72
M12	1.25	22	100	9	7	10.8	TC854526	TC844526	£36.06	£27.05	TD854526	TD844526	£37.46	£31.84
M12	1	18	100	9	7	11	TC854536	TC844536	£34.29	£25.72	TD854536	TD844536	£36.02	£30.62
M14	1.5	22	100	11	9	12.5	TC854556	TC844556	£40.44	£30.33	TD854556	TD844556	£41.79	£35.52
M14	1.25	22	100	11	9	12.8	TC854566	TC844566	£43.64	£32.73	TD854566	TD844566	£44.53	£37.85
M14	1	22	100	11	9	13	TC854576	TC844576	£42.42	£31.82	TD854576	TD844576	£43.33	£36.83
M16	1.5	22	100	12	9	14.5	TC854616	TC844616	£51.33	£38.50	TD854616	TD844616	£52.86	£44.93
M16	1	18	100	12	9	15	TC854626	TC844626	£55.62	£41.72	TD854626	TD844626	£56.38	£47.92
M18	1.5	25	110	14	11	16.5	TC854676	TC844676	£66.79	£50.09	TD854676	TD844676	£67.55	£57.42
M18	1	20	110	14	11	17	TC854686	TC844686	£73.42	£55.07	TD854686	TD844686	£73.10	£62.14
M20	1.5	25	125	16	12	18.5	TC854726	TC844726	£73.95	£55.46	TD854726	TD844726	£76.25	£64.81
M20	1	20	125	16	12	19	TC854736	TC844736	£79.64	£59.73	TD854736	TD844736	£81.06	£68.90
M22	1.5	25	125	18	14.5	20.5	TC854766	TC844766	£85.31	£63.98	TD854766	TD844766	£88.29	£75.05
M22	1	20	125	18	14.5	21	TC854776	TC844776	£106.69	£80.02	TD854776	TD844776	£106.18	£90.25
M24	2	27	140	18	14.5	22	TC854796	TC844796	£104.84	£78.63	TD854796	TD844796	£107.45	£91.33
M24	1.5	27	140	18	14.5	22.5	TC854806	TC844806	£99.58	£74.69	TD854806	TD844806	£102.95	£87.51
M26	1.5	28	140	18	14.5	24.5	TC854856	TC844856	£127.98	£95.99	TD854856	TD844856	£129.45	£110.03
M27	2	28	140	20	16	25	TC854876	TC844876	£143.06	£107.30	TD854876	TD844876	£142.96	£121.52
M27	1.5	28	140	20	16	25.5	TC854886	TC844886	£141.99	£106.49	TD854886	TD844886	£142.17	£120.84
M28	1.5	28	140	20	16	26.5	TC854916	TC844916	£144.88	£108.66	TD854916	TD844916	£146.11	£124.19
M30	2	30	150	22	18	28	TC854966	TC844966	£168.25	£126.19	TD854966	TD844966	£171.42	£145.71
M30	1.5	30	150	22	18	28.5	TC854976	TC844976	£163.37	£122.53	TD854976	TD844976	£167.27	£142.18
M39	4.0	40	180	22	18	26.5	TC814C06	TC804C06	£247.06	£185.30	TD814C06	TD804C06	£422.36	£359.01
M42	4.5	40	180	25	20	29.5	TC814C86	TC804C86	£261.83	£196.37	TD814C86	TD804C86	£474.18	£403.05
M45	4.5	50	200	28	22	32.0	TC814D56	TC804D56	£302.38	£226.79	TD814D56	TD804D56	£456.57	£388.08
M48	5.0	50	200	32	24	35.0	TC814E26	TC804E26	£335.59	£251.69	TD814E26	TD804E26	£594.96	£505.72
M52	5.0	56	200	32	24	37.5	TC814F36	TC804F36	£508.75	£381.56	TD814F36	TD804F36	£719.95	£611.96



UNC & UNF HSSE COMBO MACHINE TAP

- General purpose tapping of steel, stainless steel, cast iron & non-ferrous material
- 2B tolerance

from £9.89
15% OFF



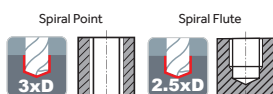
ØD1	TPI	Flute Length	Overall Length	Shank Dia	Sq.	Drill Dia.	Uncoated		List Price	Offer Price	TIN Coated		List Price	Offer Price
							Spiral Point	Spiral Flute			Spiral Point	Spiral Flute		
UNC														
No.4	40	6	56	3.5	2.7	2.3	TC834162	TC824162	£16.72	£12.54	TD834162	TD824162	£19.36	£16.46
No.5	40	7	56	3.5	2.7	2.6	TC834202	TC824202	£13.19	£9.89	TD834202	TD824202	£15.94	£13.55
No.6	32	7	56	4	3	2.85	TC834242	TC824242	£14.99	£11.24	TD834242	TD824242	£17.64	£14.99
No.8	32	8	63	4.5	3.4	3.5	TC834282	TC824282	£13.19	£9.89	TD834282	TD824282	£16.11	£13.69
No.10	24	10	70	6	4.9	3.9	TC834322	TC824322	£13.65	£10.24	TD834322	TD824322	£16.58	£14.09
No.12	24	10	80	6	4.9	4.5	TC834362	TC824362	£13.65	£10.24	TD834362	TD824362	£16.58	£14.09
1/4"	20	13	80	7	5.5	5.2	TC834402	TC824402	£13.65	£10.24	TD834402	TD824402	£16.58	£14.09
5/16"	18	14	90	8	6.2	6.6	TC834442	TC824442	£17.76	£13.32	TD834442	TD824442	£21.76	£18.50
3/8"	16	16	100	9	7	8	TC834482	TC824482	£21.28	£15.96	TD834482	TD824482	£26.69	£22.69
7/16"	14	17	100	8	6.2	9.4	TC834522	TC824522	£28.67	£21.50	TD834522	TD824522	£34.96	£29.72
1/2"	13	20	110	9	7	10.75	TC834562	TC824562	£28.67	£21.50	TD834562	TD824562	£36.12	£30.70
9/16"	12	20	110	11	9	12.25	TC834602	TC824602	£34.64	£25.98	TD834602	TD824602	£43.42	£36.91
5/8"	11	22	110	12	9	13.5	TC834642	TC824642	£43.56	£32.67	TD834642	TD824642	£52.78	£44.86
3/4"	10	25	125	14	11	16.5	TC834702	TC824702	£67.82	£50.87	TD834702	TD824702	£80.09	£68.08
7/8"	9	27	140	18	14.5	19.5	TC834742	TC824742	£84.11	£63.08	TD834742	TD824742	£100.58	£85.49
1"	8	30	160	20	16	22.25	TC834782	TC824782	£117.33	£88.00	TD834782	TD824782	£137.68	£117.03
UNF														
No.4	48	6	56	3.5	2.7	2.4	TC874182	TC864182	£30.27	£22.70	TD874182	TD864182	£30.27	£25.73
No.5	44	7	56	3.5	2.7	2.7	TC874222	TC864222	£24.16	£18.12	TD874222	TD864222	£24.16	£20.54
No.6	40	7	56	4	3	3	TC874262	TC864262	£24.16	£18.12	TD874262	TD864262	£24.16	£20.54
No.8	36	8	63	4.5	3.4	3.5	TC874302	TC864302	£24.16	£18.12	TD874302	TD864302	£24.16	£20.54
No.10	32	10	70	6	4.9	4.1	TC874342	TC864342	£24.65	£18.49	TD874342	TD864342	£24.65	£20.95
No.12	28	10	80	6	4.9	4.7	TC874382	TC864382	£24.16	£18.12	TD874382	TD864382	£24.16	£20.54
1/4"	28	10	80	7	5.5	5.5	TC874422	TC864422	£24.16	£18.12	TD874422	TD864422	£24.16	£20.54
5/16"	24	10	90	8	6.2	6.9	TC874462	TC864462	£26.46	£19.85	TD874462	TD864462	£26.46	£22.49
3/8"	24	10	100	9	7	8.5	TC874502	TC864502	£31.02	£23.27	TD874502	TD864502	£31.02	£26.37
7/16"	20	13	100	8	6.2	9.9	TC874542	TC864542	£37.67	£28.25	TD874542	TD864542	£37.67	£32.02
1/2"	20	13	100	9	7	11.5	TC874582	TC864582	£37.67	£28.25	TD874582	TD864582	£37.67	£32.02
9/16"	18	15	100	11	9	12.9	TC874622	TC864622	£42.30	£31.73	TD874622	TD864622	£42.30	£35.96
5/8"	18	15	100	12	9	14.5	TC874662	TC864662	£53.87	£40.40	TD874662	TD864662	£53.87	£45.79
3/4"	16	17	110	14	11	17.5	TC874722	TC864722	£77.34	£58.01	TD874722	TD864722	£77.34	£65.74
7/8"	14	17	125	18	14.5	20.5	TC874762	TC864762	£89.36	£67.02	TD874762	TD864762	£89.36	£75.96
1"	12	20	140	20	16	23.25	TC874802	TC864802	£114.76	£86.07	TD874802	TD864802	£114.76	£97.55



BSP (G) HSSE MACHINE TAP

- General purpose tapping of steel, stainless steel, cast iron & non-ferrous material
- 6H tolerance

from £17.81
15% OFF

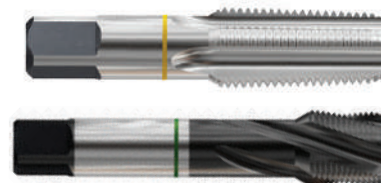
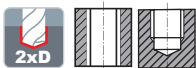


ØD1	TPI	Flute Length	Overall Length	Shank Dia	Sq.	Drill Dia.	Uncoated		List Price	Offer Price	TIN Coated		List Price	Offer Price
							Spiral Point	Spiral Flute			Spiral Point	Spiral Flute		
1/8"	28	20	90	7	5.5	8.8	TC727200	TC728200	£21.93	£18.64	TD727200	TD728200	£20.95	£17.81
1/4"	19	22	100	11	9	11.8	TC727400	TC728400	£28.25	£24.01	TD727400	TD728400	£27.87	£23.69
3/8"	19	22	100	12	9	15.25	TC727480	TC728480	£32.97	£28.02	TD727480	TD728480	£32.27	£27.43
1/2"	14	25	125	16	12	19	TC727560	TC728560	£47.71	£40.55	TD727560	TD728560	£46.89	£39.86
3/4"	14	28	140	20	16	24.5	TC727700	TC728700	£89.62	£76.18	TD727700	TD728700	£85.30	£72.51
1"	11	30	160	25	20	30.75	TC727780	TC728780	£127.41	£108.30	TD727780	TD728780	£124.41	£105.75



NPT HSSE MACHINE TAP

- Bright finish for general purpose tapping of steel, cast iron & non-ferrous material
- TiN coated for general purpose tapping of steel, stainless steel & cast iron
- Hardslick coated for high performance tapping of steel & stainless steel



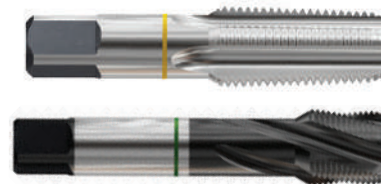
from £17.33
15% OFF

Ød1	Tpi	Flute Length	Overall Length	Shank Dia	Sq.	Drill Dia.	Order Code								
							Uncoated Straight Flute	List Price	Offer Price	TIN Coated Straight Flute	List Price	Offer Price	Hardslick Straight Flute	List Price	Offer Price
1/16"	27	13	56	6	4.9	6.15	TCM01020	£20.39	£17.33	TDM01020	£24.88	£21.15	TCM04020HAR	£32.05	£27.24
1/8"	27	13	63	7	5.5	8.43	TCM01200	£22.83	£19.41	TDM01200	£27.87	£23.69	TCM04200HAR	£35.88	£30.50
1/4"	18	19	63	11	9	11.13	TCM01400	£26.62	£22.63	TDM01400	£32.56	£27.68	TCM04400HAR	£41.84	£35.56
3/8"	18	19	70	12	9	14.27	TCM01480	£29.68	£25.23	TDM01480	£36.89	£31.36	TCM04480HAR	£46.60	£39.61
1/2"	14	25	80	16	12	17.86	TCM01560	£42.89	£36.46	TDM01560	£53.42	£45.41	TCM04560HAR	£70.06	£59.55
3/4"	14	25	100	20	16	23.011	TCM01700	£77.96	£66.27	TDM01700	£94.90	£80.67	TCM04700HAR	£120.39	£102.33
1"	11-1/2	30	110	25	20	28.98	TCM01780	£114.50	£97.33	TDM01780	£141.92	£120.63	TCM04780HAR	£175.83	£149.46



NPTF HSSE MACHINE TAP

- Bright finish for general purpose tapping of steel, cast iron & non-ferrous material
- TiN coated for general purpose tapping of steel, stainless steel & cast iron
- Hardslick coated for high performance tapping of steel & stainless steel



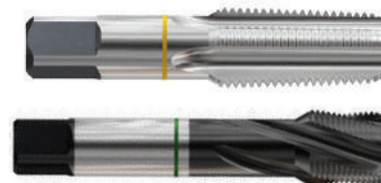
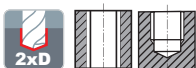
from £19.83
15% OFF

ØD1	TPI	Flute Length	Overall Length	Shank Dia	Sq.	Drill Dia.	Order Code								
							Uncoated Straight Flute	List Price	Offer Price	TIN Coated Straight Flute	List Price	Offer Price	Hardslick Straight Flute	List Price	Offer Price
1/16"	27	13	56	6	4.9	6.15	TCM02020	£23.33	£19.83	TDM01020	£24.88	£21.15	TCM05020HAR	£34.77	£29.55
1/8"	27	13	63	7	5.5	8.43	TCM02200	£26.13	£22.21	TDM01200	£27.87	£23.69	TCM05200HAR	£38.97	£33.12
1/4"	18	19	63	11	9	11.13	TCM02400	£30.45	£25.88	TDM01400	£32.56	£27.68	TCM05400HAR	£45.42	£38.61
3/8"	18	19	70	12	9	14.27	TCM02480	£33.95	£28.86	TDM01480	£36.89	£31.36	TCM05480HAR	£50.58	£42.99
1/2"	14	25	80	16	12	17.86	TCM02560	£49.07	£41.71	TDM01560	£53.42	£45.41	TCM05560HAR	£75.83	£64.46
3/4"	14	25	100	20	16	23.011	TCM02700	£89.20	£75.82	TDM01700	£94.90	£80.67	TCM05700HAR	£130.93	£111.29
1"	11-1/2	30	110	25	20	28.98	TCM02780	£130.97	£111.32	TDM01780	£141.92	£120.63	TCM05780HAR	£191.29	£162.60



BSPT HSSE MACHINE TAP

- Bright finish for general purpose tapping of steel, cast iron & non-ferrous material
- TiN coated for general purpose tapping of steel, stainless steel & cast iron
- Hardslick coated for high performance tapping of steel & stainless steel



from £20.98
15% OFF

ØD1	TPI	Flute Length	Overall Length	Shank Dia	Sq.	Drill Dia.	Order Code								
							Uncoated Straight Flute	List Price	Offer Price	TIN Coated Straight Flute	List Price	Offer Price	Hardslick Straight Flute	List Price	Offer Price
1/16"	28	13	56	6	4.9	6.2	TCM03020	£24.68	£20.98	TDM01020	£24.88	£21.15	TCM06020HAR	£37.81	£32.14
1/8"	28	13	63	7	5.5	8.2	TCM03200	£27.63	£23.49	TDM01200	£27.87	£23.69	TCM06200HAR	£42.35	£36.00
1/4"	19	19	63	11	9	11	TCM03400	£32.20	£27.37	TDM01400	£32.56	£27.68	TCM06400HAR	£49.35	£41.95
3/8"	19	19	70	12	9	14.5	TCM03480	£35.90	£30.52	TDM01480	£36.89	£31.36	TCM06480HAR	£54.99	£46.74
1/2"	14	25	80	16	12	18	TCM03560	£51.90	£44.12	TDM01560	£53.42	£45.41	TCM06560HAR	£82.22	£69.89
3/4"	14	25	100	20	16	23.5	TCM03700	£94.34	£80.19	TDM01700	£94.90	£80.67	TCM06700HAR	£142.52	£121.14
1"	11	30	110	25	20	29.5	TCM03780	£138.53	£117.75	TDM01780	£141.92	£120.63	TCM06780HAR	£208.32	£177.07

SPMX U-Drill

Indexable U-Drill system with 4 cutting edges

Excellent cutting performance on steels, stainless steel & cast iron. Available in 2xD, 3xD and 4xD maximum drill depths.

BUY 10+ INSERTS & GET A FREE HOLDER!



SPMX U-Drill

2xD Max Drill Depth				No. of Inserts for Free Holder	3xD Max Drill Depth				No. of Inserts for Free Holder	4xD Max Drill Depth				No. of Inserts for Free Holder	Inserts
Dia.	Shank	Order Code	List Price		Dia.	Shank	Order Code	List Price		Dia.	Shank	Order Code	List Price		
12.5	20	SP12.5-S20-2D	£49.46	10	12.5	20	SP12.5-S20-3D	£49.46	10	12.5	20	SP12.5-S20-4D	£55.88	10	SPMX05
13	20	SP13-S20-2D	£49.46		13	20	SP13-S20-3D	£49.46		13	20	SP13-S20-4D	£55.88		
13.5	20	SP13.5-S20-2D	£49.46		13.5	20	SP13.5-S20-3D	£49.46		13.5	20	SP13.5-S20-4D	£55.88		
14	25	SP14-S25-2D	£49.46		14	25	SP14-S25-3D	£49.46		14	25	SP14-S25-4D	£55.88		
14.5	25	SP14.5-S25-2D	£49.46		14.5	25	SP14.5-S25-3D	£49.46		14.5	25	SP14.5-S25-4D	£55.88		
15	25	SP15-S25-2D	£49.46		15	25	SP15-S25-3D	£49.46		15	25	SP15-S25-4D	£55.88		
15.5	25	SP15.5-S25-2D	£49.46	10	15.5	25	SP15.5-S25-3D	£49.46	10	15.5	25	SP15.5-S25-4D	£55.88	10	SPMX06
16	25	SP16-S25-2D	£49.46		16	25	SP16-S25-3D	£49.46		16	25	SP16-S25-4D	£55.88		
16.5	25	SP16.5-S25-2D	£49.46		16.5	25	SP16.5-S25-3D	£49.46		16.5	25	SP16.5-S25-4D	£55.88		
17	25	SP17-S25-2D	£49.46		17	25	SP17-S25-3D	£49.46		17	25	SP17-S25-4D	£55.88		
17.5	25	SP17.5-S25-2D	£49.46		17.5	25	SP17.5-S25-3D	£49.46		17.5	25	SP17.5-S25-4D	£55.88		
18	25	SP18-S25-2D	£49.46		18	25	SP18-S25-3D	£49.46		18	25	SP18-S25-4D	£55.88		
18.5	25	SP18.5-S25-2D	£49.46	10	18.5	25	SP18.5-S25-3D	£49.46	10	18.5	25	SP18.5-S25-4D	£55.88	10	SPMX07
19	25	SP19-S25-2D	£49.46		19	25	SP19-S25-3D	£49.46		19	25	SP19-S25-4D	£55.88		
19.5	25	SP19.5-S25-2D	£56.61		19.5	25	SP19.5-S25-3D	£56.61		19.5	25	SP19.5-S25-4D	£63.06		
20	25	SP20-S25-2D	£56.61		20	25	SP20-S25-3D	£56.61		20	25	SP20-S25-4D	£63.06		
20.5	25	SP20.5-S25-2D	£60.91		20.5	25	SP20.5-S25-3D	£60.91		20.5	25	SP20.5-S25-4D	£63.06		
21	25	SP21-S25-2D	£60.91		21	25	SP21-S25-3D	£60.91		21	25	SP21-S25-4D	£67.36		
21.5	25	SP21.5-S25-2D	£60.91	10	21.5	25	SP21.5-S25-3D	£60.91	10	21.5	25	SP21.5-S25-4D	£67.36	10	SPMX09
22	25	SP22-S25-2D	£60.91		22	25	SP22-S25-3D	£60.91		22	25	SP22-S25-4D	£67.36		
22.5	25	SP22.5-S25-2D	£60.91		22.5	25	SP22.5-S25-3D	£60.91		22.5	25	SP22.5-S25-4D	£67.36		
23	25	SP23-S25-2D	£60.91		23	25	SP23-S25-3D	£60.91		23	25	SP23-S25-4D	£67.36		
23.5	25	SP23.5-S25-2D	£60.91		23.5	25	SP23.5-S25-3D	£60.91		23.5	25	SP23.5-S25-4D	£67.36		
24	25	SP24-S25-2D	£60.91		24	25	SP24-S25-3D	£60.91		24	25	SP24-S25-4D	£67.36		
24.5	25	SP24.5-S25-2D	£60.91	10	24.5	25	SP24.5-S25-3D	£60.91	10	24.5	25	SP24.5-S25-4D	£67.36	10	SPMX11
25	32	SP25-S32-2D	£60.91		25	32	SP25-S32-3D	£60.91		25	32	SP25-S32-4D	£67.36		
25.5	32	SP25.5-S32-2D	£60.91		25.5	32	SP25.5-S32-3D	£60.91		25.5	32	SP25.5-S32-4D	£67.36		
26	32	SP26-S32-2D	£60.91		26	32	SP26-S32-3D	£60.91		26	32	SP26-S32-4D	£67.36		
26.5	32	SP26.5-S32-2D	£60.91		26.5	32	SP26.5-S32-3D	£60.91		26.5	32	SP26.5-S32-4D	£67.36		
27	32	SP27-S32-2D	£60.91		27	32	SP27-S32-3D	£60.91		27	32	SP27-S32-4D	£67.36		
27.5	32	SP27.5-S32-2D	£60.91	10	27.5	32	SP27.5-S32-3D	£60.91	10	27.5	32	SP27.5-S32-4D	£67.36	10	SPMX14
28	32	SP28-S32-2D	£60.91		28	32	SP28-S32-3D	£60.91		28	32	SP28-S32-4D	£67.36		
29	32	SP29-S32-2D	£60.91		29	32	SP29-S32-3D	£60.91		29	32	SP29-S32-4D	£67.36		
30	32	SP30-S32-2D	£79.66		30	32	SP30-S32-3D	£79.66		30	32	SP30-S32-4D	£88.09		
31	32	SP31-S32-2D	£92.76		31	32	SP31-S32-3D	£92.76		31	32	SP31-S32-4D	£101.18		
32	32	SP32-S32-2D	£92.76		32	32	SP32-S32-3D	£92.76		32	32	SP32-S32-4D	£101.18		
33	32	SP33-S32-2D	£92.76	10	33	32	SP33-S32-3D	£92.76	10	33	32	SP33-S32-4D	£101.18	10	SPMX11
34	32	SP34-S32-2D	£92.76		34	32	SP34-S32-3D	£92.76		34	32	SP34-S32-4D	£101.18		
35	32	SP35-S32-2D	£92.76		35	32	SP35-S32-3D	£92.76		35	32	SP35-S32-4D	£101.18		
36	32	SP36-S32-2D	£92.76		36	32	SP36-S32-3D	£92.76		36	32	SP36-S32-4D	£101.18		
37	32	SP37-S32-2D	£92.76		37	32	SP37-S32-3D	£92.76		37	32	SP37-S32-4D	£101.18		
38	32	SP38-S32-2D	£92.76		38	32	SP38-S32-3D	£92.76		38	32	SP38-S32-4D	£101.18		
39	32	SP39-S32-2D	£92.76	20	39	32	SP39-S32-3D	£92.76	20	39	32	SP39-S32-4D	£101.18	20	SPMX11
40	32	SP40-S32-2D	£103.07		40	32	SP40-S32-3D	£103.07		40	32	SP40-S32-4D	£111.52		
45	40	SP45-S40-2D	£117.11		45	40	SP45-S40-3D	£117.11		45	40	SP45-S40-4D	£125.55		
50	40	SP50-S40-2D	£117.11		50	40	SP50-S40-3D	£117.11		50	40	SP50-S40-4D	£125.55		
55	40	SP55-S40-2D	£182.83		55	40	SP55-S40-3D	£182.83		55	40	SP55-S40-4D	£182.83		
60	40	SP60-S40-2D	£199.44		60	40	SP60-S40-3D	£199.44		60	40	SP60-S40-4D	£199.44		



SPMX INDEXABLE INSERTS

- High rake chipbreaker for excellent chip flow
- Optimised for accuracy and reduced tool failure



Drill Diameter	Insert Guide		List Price
	Multi Purpose YG612	Stainless Steel ST-YG612	
12.5-15.5	SPMX050204-YG612	SPMX050204-ST-YG612	£8.66
16-22	SPMX060204-YG612	SPMX060204-ST-YG612	£8.66
22.5-27.5	SPMX07T308-YG612	SPMX07T308-ST-YG612	£10.59
28-33	SPMX090408-YG612	SPMX090408-ST-YG612	£10.59
34-40	SPMX110408-YG612	-	£11.90
45-60	SPMX140512-YG612	-	£11.90



YG-1 STUB LENGTH COATED CARBIDE DRILLS, 3xD 3-8.6mm

High Performance, High Accuracy Drilling - Whole Number Shanks

- **NC DRILL** Economic high performance drills for steel & cast iron
- **DREAM DRILL X** 1st choice for drilling steels and excellent performance on 400 series martensitic stainless steel, RCH coating with up to 50% more tool life than TiAIN
- **DREAM DRILL INOX** 1st choice for drilling stainless steels, duplex and exotics with excellent performance in soft/sticky steels

Material Applications

● Excellent ○ Good

from £13.98
20% OFF

Series					NC Drill					Dream Drill X					Dream Drill X					Dream Drill INOX				
Performance					DH223					DTX423					DTX406					DH451				
Finish / Coating					X Coated					RCH Coated					RCH Coated					TiAIN				
Drill Point					140°					140°					140°					140°				
Through Coolant					✗					✗					✓					✓				
P Steel					●					●					●					○				
H Hardened Steel					●					●					●					○				
M Stainless Steel					●					○					○					●				
S HRSA's					●					●					●					●				
K Cast Iron					●					●					●					○				
N Non-Ferrous					●					●					●					○				
Dia	Shank	Flute	O/All		Order Code	List Price	Offer Price			Order Code	List Price	Offer Price			Order Code	List Price	Offer Price			Order Code	List Price	Offer Price		
3					DH2230300					DTX423030					DTX406030					DH451030				
3.1					DH2230310					DTX423031					DTX406031					DH451031				
3.2					DH2230320					DTX423032					DTX406032					DH451032				
3.3					DH2230330	£17.48	£13.98			DTX423033	£24.84	£19.87			DTX406033	£35.88	£30.50			DH451033	£34.87	£29.64		
3.4	6	20	62		DH2230340					DTX423034					DTX406034					DH451034				
3.5					DH2230350					DTX423035					DTX406035					DH451035				
3.6					DH2230360					DTX423036					DTX406036					DH451036				
3.7					DH2230370					DTX423037					DTX406037					DH451037				
3.8					DH2230380					DTX423038					DTX406038					DH451038				
3.9					DH2230390					DTX423039					DTX406039					DH451039				
4					DH2230400					DTX423040					DTX406040					DH451040				
4.1					DH2230410					DTX423041					DTX406041					DH451041				
4.2					DH2230420	£17.48	£13.98			DTX423042	£24.84	£19.87			DTX406042	£35.88	£30.50			DH451042	£34.87	£29.64		
4.3	6	24	66		DH2230430					DTX423043					DTX406043					DH451043				
4.4					DH2230440					DTX423044					DTX406044					DH451044				
4.5					DH2230450					DTX423045					DTX406045					DH451045				
4.6					DH2230460					DTX423046					DTX406046					DH451046				
4.7					DH2230470					DTX423047					DTX406047					DH451047				
4.8					DH2230480					DTX423048					DTX406048					DH451048				
4.9					DH2230490					DTX423049					DTX406049					DH451049				
5					DH2230500					DTX423050					DTX406050					DH451050				
5.1					DH2230510					DTX423051					DTX406051					DH451051				
5.2					DH2230520					DTX423052					DTX406052					DH451052				
5.3					DH2230530					DTX423053					DTX406053					DH451053				
5.4	6	28	66		DH2230540	£17.48	£13.98			DTX423054	£24.84	£19.87			DTX406054	£35.88	£30.50			DH451054	£34.87	£29.64		
5.5					DH2230550					DTX423055					DTX406055					DH451055				
5.6					DH2230560					DTX423056					DTX406056					DH451056				
5.7					DH2230570					DTX423057					DTX406057					DH451057				
5.8					DH2230580					DTX423058					DTX406058					DH451058				
5.9					DH2230590					DTX423059					DTX406059					DH451059				
6					DH2230600					DTX423060					DTX406060					DH451060				
6.1					DH2230610					DTX423061					DTX406061					DH451061				
6.2					DH2230620					DTX423062					DTX406062					DH451062				
6.3					DH2230630					DTX423063					DTX406063					DH451063				
6.4					DH2230640					DTX423064					DTX406064					DH451064				
6.5	8	34	79		DH2230650	£22.07	£17.65			DTX423065	£31.38	£25.11			DTX406065	£48.69	£41.39			DH451065	£47.35	£40.25		
6.6					DH2230660					DTX423066					DTX406066					DH451066				
6.7					DH2230670					DTX423067					DTX406067					DH451067				
6.8					DH2230680					DTX423068					DTX406068					DH451068				
6.9					DH2230690					DTX423069					DTX406069					DH451069				
7					DH2230700					DTX423070					DTX406070					DH451070				
7.1					DH2230710					DTX423071					DTX406071					DH451071				
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7.4					DH2230740					DTX423074					DTX406074					DH451074				
7.5	8	41	79		DH2230750	£22.07	£17.65			DTX423075	£31.38	£25.11			DTX406075	£48.69	£41.39			DH451075	£47.35	£40.25		
7.6					DH2230760					DTX423076					DTX406076					DH451076				
7.7					DH2230770					DTX423077					DTX406077					DH451077				
7.8					DH2230780					DTX423078					DTX406078					DH451078				
7.9					DH2230790					DTX423079					DTX406079					DH451079				
8					DH2230800					DTX423080					DTX406080					DH451080				
8.1					DH2230810					DTX423081					DTX406081					DH451081				
8.2					DH2230820					DTX423082					DTX406082					DH451082				
8.3	10	47	89		DH2230830	£31.96	£25.57			DTX423083	£45.49	£36.39			DTX406083	£57.23	£48.64			DH451083	£55.68	£47.33		
8.4					DH2230840					DTX423084					DTX406084					DH451084				
8.5					DH2230850					DTX423085					DTX406085					DH451085				
8.6					DH2230860					DTX423086					DTX406086					DH451086				



Material Applications

☒ Excellent ☐ Good

from £25.57
20% OFF

YG-1 STUB LENGTH COATED CARBIDE DRILLS, 3xD 8.7-20mm

High Performance, High Accuracy Drilling - Whole Number Shanks

- **NC DRILL** Economic high performance drills for steel & cast iron
- **DREAM DRILL X** 1st choice for drilling steels and excellent performance on 400 series martensitic stainless steel, RCH coating with up to 50% more tool life than TiAIN
- **DREAM DRILL INOX** 1st choice for drilling stainless steels, duplex and exotics with excellent performance in soft/sticky steels

Series	NC Drill		Dream Drill X		Dream Drill X		Dream Drill INOX	
Performance	DH223		DTX423		DTX406		DH451	
Finish / Coating	X Coated		RCH Coated		RCH Coated		TiAIN	
Drill Point	140°		140°		140°		140°	
Through Coolant	✗		✗		✓		✓	
P Steel	●		●		●		○	
H Hardened Steel	●		●		●		○	
M Stainless Steel	●		○		○		●	
S HRSA's	●		●		●		○	
K Cast Iron	●		●		●		○	
N Non-Ferrous	●		●		●		○	

Dia	Shank	Flute	O/All	Order Code	List Price	Offer Price	Order Code	List Price	Offer Price	Order Code	List Price	Offer Price	Order Code	List Price	Offer Price
8.7				DH2230870			DTX423087			DTX406087			DH451087		
8.8	10	47	89	DH2230880	£31.96	£25.57	DTX423088	£45.49	£36.39	DTX406088	£57.23	£48.64	DH451088	£55.68	£47.33
8.9				DH2230890			DTX423089			DTX406089			DH451089		
9				DH2230900			DTX423090			DTX406090			DH451090		
9.1				DH2230910			DTX423091			DTX406091			DH451091		
9.2				DH2230920			DTX423092			DTX406092			DH451092		
9.3				DH2230930			DTX423093			DTX406093			DH451093		
9.4				DH2230940			DTX423094			DTX406094			DH451094		
9.5	10	47	89	DH2230950	£31.96	£25.57	DTX423095	£45.49	£36.39	DTX406095	£57.23	£48.64	DH451095	£55.68	£47.33
9.6				DH2230960			DTX423096			DTX406096			DH451096		
9.7				DH2230970			DTX423097			DTX406097			DH451097		
9.8				DH2230980			DTX423098			DTX406098			DH451098		
9.9				DH2230990			DTX423099			DTX406099			DH451099		
10				DH2231000			DTX423100			DTX406100			DH451100		
10.1				DH2231010			DTX423101			DTX406101			DH451101		
10.2				DH2231020			DTX423102			DTX406102			DH451102		
10.3				DH2231030			DTX423103			DTX406103			DH451103		
10.4				DH2231040			DTX423104			DTX406104			DH451104		
10.5				DH2231050			DTX423105			DTX406105			DH451105		
10.6				DH2231060			DTX423106			DTX406106			DH451106		
10.7				DH2231070			DTX423107			DTX406107			DH451107		
10.8				DH2231080			DTX423108			DTX406108			DH451108		
10.9				DH2231090			DTX423109			DTX406109			DH451109		
11	12	55	102	DH2231100	£40.76	£32.61	DTX423110	£57.98	£46.38	DTX406110	£81.98	£69.68	DH451110	£79.70	£67.75
11.1				DH2231110			DTX423111			DTX406111			DH451111		
11.2				DH2231120			DTX423112			DTX406112			DH451112		
11.3				DH2231130			DTX423113			DTX406113			DH451113		
11.4				DH2231140			DTX423114			DTX406114			DH451114		
11.5				DH2231150			DTX423115			DTX406115			DH451115		
11.6				DH2231160			DTX423116			DTX406116			DH451116		
11.7				DH2231170			DTX423117			DTX406117			DH451117		
11.8				DH2231180			DTX423118			DTX406118			DH451118		
11.9				DH2231190			DTX423119			DTX406119			DH451119		
12				DH2231200			DTX423120			DTX406120			DH451120		
12.3				-			DTX423123			-			-		
12.5				DH2231250			DTX423125			DTX406125			DH451125		
12.8				-			DTX423128			-			-		
13	14	60	107	DH2231300	£63.13	£50.50	DTX423130	£91.36	£73.09	DTX406130	£120.71	£102.61	DH451130	£117.39	£99.78
13.5				DH2231350			DTX423135			DTX406135			DH451135		
13.8				-			DTX423138			-			-		
14				DH2231400			DTX423140			DTX406140			DH451140		
14.5				DH2231450			DTX423145			DTX406145			DH451145		
14.8				-			DTX423148			DTX406148			-		
15	16	65	115	DH2231500	£77.48	£61.99	DTX423150	£112.11	£89.69	DTX406150	£152.12	£129.30	DH451150	£147.93	£125.74
15.5				DH2231550			DTX423155			DTX406155			DH451155		
15.8				-			DTX423158			DTX406158			-		
16				DH2231600			DTX423160			DTX406160			DH451160		
16.5				DH2231650			DTX423165			DTX406165			DH451165		
16.8				-			DTX423168			DTX406168			-		
17	18	73	123	DH2231700	£110.52	£88.42	DTX423170	£157.25	£125.80	DTX406170	£270.92	£230.28	DH451170	£263.41	£223.90
17.5				DH2231750			DTX423175			DTX406175			DH451175		
17.8				-			DTX423178			DTX406178			-		
18				DH2231800			DTX423180			DTX406180			DH451180		
18.5				DH2231850			DTX423185			DTX406185			DH451185		
19				DH2231900			DTX423190			DTX406190			DH451190		
19.5	20	79	131	DH2231950	£135.88	£108.70	DTX423195	£193.30	£154.64	DTX406195	£296.04	£251.64	DH451195	£287.86	£244.68
19.8				-			DTX423198			DTX406198			-		
20				DH2232000			DTX423200			DTX406200			DH451200		





YG-1 STUB LENGTH COATED CARBIDE DRILLS, 5xD 1-7.3mm

High Performance, High Accuracy Drilling - Whole Number Shanks

Material Applications

Excellent ○ Good

from £14.42
20% OFF

Series					NC Drill			Dream Drill X			Dream Drill X			Dream Drill INOX		
Performance					DH224			DTX424			DTX408			DH452		
Finish / Coating					X Coated			RCH Coated			RCH Coated			TiAlN		
Drill Point					140°			140°			140°			140°		
Through Coolant					✗			✗			✓			✓		
P Steel					●			●			●			○		
H Hardened Steel					●			●			●			○		
M Stainless Steel					●			○			○			●		
S HRSA's					●			○			○			●		
K Cast Iron					●			●			●			○		
N Non-Ferrous					●			●			●			○		
Dia	Shank	Flute	O/All		Order Code	List Price	Offer Price	Order Code	List Price	Offer Price	Order Code	List Price	Offer Price	Order Code	List Price	Offer Price
1					DH2240100			DTX424010			DTX408010			DH452010		
1.1					DH2240110			DTX424011			DTX408011			DH452011		
1.2					DH2240120			DTX424012			DTX408012			DH452012		
1.3					DH2240130			DTX424013			DTX408013			DH452013		
1.4					DH2240140			DTX424014			DTX408014			DH452014		
1.5	3	12	55		DH2240150	£18.02	£14.42	DTX424015	£25.66	£20.53	DTX408015	£41.50	£35.28	DH452015	£40.35	£34.30
1.6					DH2240160			DTX424016			DTX408016			DH452016		
1.7					DH2240170			DTX424017			DTX408017			DH452017		
1.8					DH2240180			DTX424018			DTX408018			DH452018		
1.9					DH2240190			DTX424019			DTX408019			DH452019		
2					DH2240200			DTX424020			DTX408020			DH452020		
2.1					DH2240210			DTX424021			DTX408021			DH452021		
2.2					DH2240220			DTX424022			DTX408022			DH452022		
2.3					DH2240230			DTX424023			DTX408023			DH452023		
2.4	4	21	57		DH2240240	£18.02	£14.42	DTX424024	£25.66	£20.53	DTX408024	£41.50	£35.28	DH452024	£40.35	£34.30
2.5					DH2240250			DTX424025			DTX408025			DH452025		
2.6					DH2240260			DTX424026			DTX408026			DH452026		
2.7					DH2240270			DTX424027			DTX408027			DH452027		
2.8					DH2240280			DTX424028			DTX408028			DH452028		
2.9					DH2240290			DTX424029			DTX408029			DH452029		
3					DH2240300			DTX424030			DTX408030			DH452030		
3.1					DH2240310			DTX424031			DTX408031			DH452031		
3.2					DH2240320			DTX424032			DTX408032			DH452032		
3.3	6	28	66		DH2240330	£22.32	£17.86	DTX424033	£31.74	£25.39	DTX408033	£45.99	£39.09	DH452033	£44.71	£38.00
3.4					DH2240340			DTX424034			DTX408034			DH452034		
3.5					DH2240350			DTX424035			DTX408035			DH452035		
3.6					DH2240360			DTX424036			DTX408036			DH452036		
3.7					DH2240370			DTX424037			DTX408037			DH452037		
3.8					DH2240380			DTX424038			DTX408038			DH452038		
3.9					DH2240390			DTX424039			DTX408039			DH452039		
4					DH2240400			DTX424040			DTX408040			DH452040		
4.1					DH2240410			DTX424041			DTX408041			DH452041		
4.2	6	36	74		DH2240420	£22.32	£17.86	DTX424042	£31.74	£25.39	DTX408042	£45.99	£39.09	DH452042	£44.71	£38.00
4.3					DH2240430			DTX424043			DTX408043			DH452043		
4.4					DH2240440			DTX424044			DTX408044			DH452044		
4.5					DH2240450			DTX424045			DTX408045			DH452045		
4.6					DH2240460			DTX424046			DTX408046			DH452046		
4.7					DH2240470			DTX424047			DTX408047			DH452047		
4.8					DH2240480			DTX424048			DTX408048			DH452048		
4.9					DH2240490			DTX424049			DTX408049			DH452049		
5					DH2240500			DTX424050			DTX408050			DH452050		
5.1					DH2240510			DTX424051			DTX408051			DH452051		
5.2					DH2240520			DTX424052			DTX408052			DH452052		
5.3					DH2240530			DTX424053			DTX408053			DH452053		
5.4	6	44	82		DH2240540	£22.32	£17.86	DTX424054	£31.74	£25.39	DTX408054	£45.99	£39.09	DH452054	£44.71	£38.00
5.5					DH2240550			DTX424055			DTX408055			DH452055		
5.6					DH2240560			DTX424056			DTX408056			DH452056		
5.7					DH2240570			DTX424057			DTX408057			DH452057		
5.8					DH2240580			DTX424058			DTX408058			DH452058		
5.9					DH2240590			DTX424059			DTX408059			DH452059		
6					DH2240600			DTX424060			DTX408060			DH452060		
6.1					DH2240610			DTX424061			DTX408061			DH452061		
6.2					DH2240620			DTX424062			DTX408062			DH452062		
6.3					DH2240630			DTX424063			DTX408063			DH452063		
6.4					DH2240640			DTX424064			DTX408064			DH452064		
6.5	8	53	91		DH2240650	£26.42	£21.13	DTX424065	£37.64	£30.11	DTX408065	£50.79	£43.17	DH452065	£49.39	£41.98
6.6					DH2240660			DTX424066			DTX408066			DH452066		
6.7					DH2240670			DTX424067			DTX408067			DH452067		
6.8					DH2240680			DTX424068			DTX408068			DH452068		
6.9					DH2240690			DTX424069			DTX408069			DH452069		
7					DH2240700			DTX424070			DTX408070			DH452070		
7.1	8	53	91		DH2240710	£26.42	£21.13	DTX424071	£37.64	£30.11	DTX408071	£50.79	£43.17	DH452071	£49.39	£41.98
7.2					DH2240720			DTX424072			DTX408072			DH452072		
7.3					DH2240730			DTX424073			DTX408073			DH452073		



YG-1 STUB LENGTH COATED CARBIDE DRILLS, 5xD 7.4-20mm

High Performance, High Accuracy Drilling - Whole Number Shanks

Material Applications

● Excellent ○ Good

from £21.13
20% OFF

Carbide Drills 5xD

Series				NC Drill			Dream Drill X			Dream Drill X			Dream Drill INOX		
Performance				DH224			DTX424			DTX408			DH452		
Finish / Coating				X Coated			RCH Coated			RCH Coated			TiAlN		
Drill Point				140°			140°			140°			140°		
Through Coolant				✗			✗			✓			✓		
P Steel				●			●			●			○		
H Hardened Steel				●			●			●			○		
M Stainless Steel				●			○			○			●		
S HRSA's				●			●			●			○		
K Cast Iron				●			●			●			○		
N Non-Ferrous				●			●			●			○		
Dia	Shank	Flute	O/All	Order Code	List Price	Offer Price	Order Code	List Price	Offer Price	Order Code	List Price	Offer Price	Order Code	List Price	Offer Price
7.4				DH2240740			DTX424074			DTX408074			DH452074		
7.5				DH2240750			DTX424075			DTX408075			DH452075		
7.6				DH2240760			DTX424076			DTX408076			DH452076		
7.7	8	53	91	DH2240770	£26.42	£21.13	DTX424077	£37.64	£30.11	DTX408077	£50.79	£43.17	DH452077	£49.39	£41.98
7.8				DH2240780			DTX424078			DTX408078			DH452078		
7.9				DH2240790			DTX424079			DTX408079			DH452079		
8				DH2240800			DTX424080			DTX408080			DH452080		
8.1				DH2240810			DTX424081			DTX408081			DH452081		
8.2				DH2240820			DTX424082			DTX408082			DH452082		
8.3				DH2240830			DTX424083			DTX408083			DH452083		
8.4				DH2240840			DTX424084			DTX408084			DH452084		
8.5				DH2240850			DTX424085			DTX408085			DH452085		
8.6				DH2240860			DTX424086			DTX408086			DH452086		
8.7				DH2240870			DTX424087			DTX408087			DH452087		
8.8				DH2240880			DTX424088			DTX408088			DH452088		
8.9				DH2240890			DTX424089			DTX408089			DH452089		
9				DH2240900			DTX424090			DTX408090			DH452090		
9.1	10	61	103	DH2240910	£38.70	£30.96	DTX424091	£55.06	£44.05	DTX408091	£63.51	£53.98	DH452091	£61.74	£52.48
9.2				DH2240920			DTX424092			DTX408092			DH452092		
9.3				DH2240930			DTX424093			DTX408093			DH452093		
9.4				DH2240940			DTX424094			DTX408094			DH452094		
9.5				DH2240950			DTX424095			DTX408095			DH452095		
9.6				DH2240960			DTX424096			DTX408096			DH452096		
9.65				DH2240965			-			-			-		
9.7				DH2240970			DTX424097			DTX408097			DH452097		
9.8				DH2240980			DTX424098			DTX408098			DH452098		
9.9				DH2240990			DTX424099			DTX408099			DH452099		
10				DH2241000			DTX424100			DTX408100			DH452100		
10.1				DH2241010			DTX424101			DTX408101			DH452101		
10.2				DH2241020			DTX424102			DTX408102			DH452102		
10.3				DH2241030			DTX424103			DTX408103			DH452103		
10.4				DH2241040			DTX424104			DTX408104			DH452104		
10.5				DH2241050			DTX424105			DTX408105			DH452105		
10.6				DH2241060			DTX424106			DTX408106			DH452106		
10.7				DH2241070			DTX424107			DTX408107			DH452107		
10.8				DH2241080			DTX424108			DTX408108			DH452108		
10.9				DH2241090			DTX424109			DTX408109			DH452109		
11	12	71	118	DH2241100	£52.06	£41.65	DTX424110	£74.04	£59.23	DTX408110	£89.25	£75.86	DH452110	£86.76	£73.75
11.1				DH2241110			DTX424111			DTX408111			DH452111		
11.2				DH2241120			DTX424112			DTX408112			DH452112		
11.3				DH2241130			DTX424113			DTX408113			DH452113		
11.4				DH2241140			DTX424114			DTX408114			DH452114		
11.5				DH2241150			DTX424115			DTX408115			DH452115		
11.6				DH2241160			DTX424116			DTX408116			DH452116		
11.7				DH2241170			DTX424117			DTX408117			DH452117		
11.8				DH2241180			DTX424118			DTX408118			DH452118		
11.9				DH2241190			DTX424119			DTX408119			DH452119		
12				DH2241200			DTX424120			DTX408120			DH452120		
12.5							DTX424125			DTX408125			DH452125		
13	14	77	124	-	-	-	DTX424130	£103.76	£83.01	DTX408130	£133.64	£113.60	DH452130	£129.93	£110.44
13.5							DTX424135			DTX408135			DH452135		
14							DTX424140			DTX408140			DH452140		
14.5							DTX424145			DTX408145			DH452145		
15	16	83	133	-	-	-	DTX424150	£130.71	£104.57	DTX408150	£176.61	£150.12	DH452150	£171.73	£145.97
15.5							DTX424155			DTX408155			DH452155		
16							DTX424160			DTX408160			DH452160		
16.5							DTX424165			DTX408165			DH452165		
17	18	93	143	-	-	-	DTX424170	£179.10	£143.28	DTX408170	£286.54	£243.56	DH452170	£278.62	£236.83
17.5							DTX424175			DTX408175			DH452175		
18							DTX424180			DTX408180			DH452180		
18.5							DTX424185			DTX408185			DH452185		
19	20	101	153	-	-	-	DTX424190	£224.60	£179.68	DTX408190	£328.06	£278.85	DH452190	£318.97	£271.12
19.5							DTX424195			DTX408195			DH452195		
20							DTX424200			DTX408200			DH452200		



YG-1 STUB LENGTH COATED CARBIDE DREAM DRILL X, 3XD 3-20mm

High Performance, High Accuracy Drilling - Parallel
Shanks for ER Collet Chucks

- 1st choice for drilling steels and excellent performance on 400 series martensitic stainless steel, RCH coating with up to 50% more tool life than TiAlN



from £11.50
20% OFF

Dia	Flute	O/All	Order Code	List Price	Offer Price	Dia	Flute	O/All	Order Code	List Price	Offer Price
3	16	46	DTX404030	£14.37	£11.50	9.2			DTX404092	£41.78	£33.42
3.1			DTX404031			9.3	40	84	DTX404093	£41.78	£33.42
3.2	18	49	DTX404032	£14.49	£11.59	9.4			DTX404094	£41.78	£33.42
3.3			DTX404033			9.5			DTX404095	£41.78	£33.42
3.4			DTX404034	£14.49	£11.59	9.6			DTX404096	£44.12	£35.30
3.5	20	52	DTX404035	£14.49	£11.59	9.7			DTX404097	£44.12	£35.30
3.6			DTX404036	£15.36	£12.29	9.8			DTX404098	£44.12	£35.30
3.7			DTX404037	£15.36	£12.29	9.9	43	89	DTX404099	£44.12	£35.30
3.8			DTX404038	£15.36	£12.29	10			DTX404100	£44.12	£35.30
3.9			DTX404039	£15.36	£12.29	10.2			DTX404102	£48.28	£38.63
4	22	55	DTX404040	£15.36	£12.29	10.5			DTX404105	£48.28	£38.63
4.1			DTX404041	£16.63	£13.30	11			DTX404110	£54.08	£43.26
4.2			DTX404042	£16.63	£13.30	11.5	47	95	DTX404115	£56.24	£44.99
4.3			DTX404043	£16.63	£13.30	12			DTX404120	£56.24	£44.99
4.4			DTX404044	£16.63	£13.30	13	51	102	DTX404130	£82.56	£66.05
4.5	24	58	DTX404045	£16.63	£13.30	13.5			DTX404135	£88.63	£70.91
4.6			DTX404046	£19.11	£15.29	14	54	107	DTX404140		
4.7			DTX404047	£19.11	£15.29	14.5			DTX404145	£102.92	£82.33
4.8			DTX404048	£19.11	£15.29	15	56	111	DTX404150		
4.9			DTX404049	£19.11	£15.29	15.5			DTX404155	£108.73	£86.98
5	26	62	DTX404050	£19.11	£15.29	16	58	115	DTX404160		
5.1			DTX404051	£21.95	£17.56	16.5			DTX404165	£131.16	£104.93
5.2			DTX404052	£21.95	£17.56	17	60	119	DTX404170		
5.3			DTX404053	£21.95	£17.56	17.5			DTX404175	£152.51	£122.01
5.4			DTX404054	£21.95	£17.56	18	62	123	DTX404180		
5.5			DTX404055	£21.95	£17.56	18.5			DTX404185	£174.78	£139.82
5.6			DTX404056	£22.88	£18.30	19	64	127	DTX404190		
5.7	28	66	DTX404057	£22.88	£18.30	19.5			DTX404195	£187.49	£149.99
5.8			DTX404058	£22.88	£18.30	20	66	131	DTX404200		
5.9			DTX404059	£22.88	£18.30						
6			DTX404060	£22.88	£18.30						
6.1			DTX404061	£28.57	£22.85						
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6.3			DTX404063	£28.57	£22.85						
6.4	31	70	DTX404064	£28.57	£22.85						
6.5			DTX404065	£28.57	£22.85						
6.6			DTX404066	£29.84	£23.87						
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6.9			DTX404069	£29.84	£23.87						
7			DTX404070	£29.84	£23.87						
7.1	34	74	DTX404071	£30.15	£24.12						
7.2			DTX404072	£30.15	£24.12						
7.3			DTX404073	£30.15	£24.12						
7.4			DTX404074	£30.15	£24.12						
7.5			DTX404075	£30.15	£24.12						
7.6			DTX404076	£30.42	£24.34						
7.7			DTX404077	£30.42	£24.34						
7.8			DTX404078	£30.42	£24.34						
7.9			DTX404079	£30.42	£24.34						
8	37	79	DTX404080	£30.42	£24.34						
8.1			DTX404081	£36.95	£29.56						
8.2			DTX404082	£36.95	£29.56						
8.3			DTX404083	£36.95	£29.56						
8.4			DTX404084	£36.95	£29.56						
8.5			DTX404085	£36.95	£29.56						
8.6			DTX404086	£39.33	£31.47						
8.7			DTX404087	£39.33	£31.47						
8.8	40	84	DTX404088	£39.33	£31.47						
8.9			DTX404089	£39.33	£31.47						
9			DTX404090	£39.33	£31.47						
9.1			DTX404091	£41.78	£33.42						



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