



V7 Mill Variable Helix



- Variable helix geometry eliminates vibration.
- High speed, deeper cuts, high feed & high metal removal rates.
- Superior tool life for lights out machining.
- New Special Steel Geometry or Stainless/Exotic Geometry

Applications - Steel Geometry

Carbon Steels	Alloy Steels	Pre Hard. Steels	Hardened Steels		High Hard. Steels	Copper	Graphite	Cast Iron	Aluminium	Stainless Steel	Exotics (Titanium Inconel etc)	Plastic	Composites
-HB225	HB225-325	HRC30-40	HRC40-45	HRC45-55	HRC55-70								
●	●	●	○	○				○					

● Excellent ○ Good

Applications - Stainless & Exotics Geometry (INOX)

Carbon Steels	Alloy Steels	Pre Hard. Steels	Hardened Steels		High Hard. Steels	Copper	Graphite	Cast Iron	Aluminium	Stainless Steel	Exotics (Titanium Inconel etc)	Plastic	Composites
-HB225	HB225-325	HRC30-40	HRC40-45	HRC45-55	HRC55-70								
○	●	○								●	●		

● Excellent ○ Good

Steel Geomertry now available

V7 MILL VARIABLE HELIX COATED CARBIDE

Increase metal removal rates over general coated carbide by 400%... please speak to our technical team today for application data and to see how much time and money we can save you on production.

4 FLUTE STD LENGTH V7 MILL VARIABLE HELIX CARBIDE



DIA	SHANK DIA	FLUTE LENGTH	OVERALL LENGTH	STEEL GEOM.	1-4 £ (EACH)	5+ £ (EACH)
3.0	6	5	54	EMD42030	£11.47	£10.32
4.0	6	8	54	EMD42040	£11.47	£10.32
5.0	6	10	54	EMD42050	£11.47	£10.32
6.0	6	10	54	EMD42060	£11.47	£10.32
8.0	8	12	58	EMD42080	£17.36	£15.62
10.0	10	14	66	EMD42100	£23.15	£20.84
12.0	12	16	73	EMD42120	£31.25	£28.13
14.0	14	18	75	EMD42140	£38.20	£34.38
16.0	16	22	82	EMD42160	£52.09	£46.88
18.0	18	24	84	EMD42180	£75.24	£67.72
20.0	20	26	92	EMD42200	£75.24	£67.72

4 FLUTE STD LENGTH V7 MILL VARIABLE HELIX CARBIDE



DIA	SHANK DIA	FLUTE LENGTH	OVERALL LENGTH	INOX GEOMETRY	1-4 £ (EACH)	5+ £ (EACH)
3.0	6	7	54	EMB42030	£11.47	£10.32
4.0	6	8	54	EMB42040	£11.47	£10.32
5.0	6	10	54	EMB42050	£11.47	£10.32
6.0	6	10	54	EMB42060	£11.47	£10.32
8.0	8	12	58	EMB42080	£17.36	£15.62
10.0	10	14	66	EMB42100	£23.15	£20.84
12.0	12	16	73	EMB42120	£31.25	£28.13
14.0	14	18	75	EMB42140	£38.20	£34.38
16.0	16	22	82	EMB42160	£52.09	£46.88
18.0	18	24	84	EMB42180	£75.24	£67.72
20.0	20	26	92	EMB42200	£75.24	£67.72

4 FLUTE LONG LENGTH V7 MILL VARIABLE HELIX CARBIDE



DIA	SHANK DIA	FLUTE LENGTH	OVERALL LENGTH	STEEL GEOM.	1-4 £ (EACH)	5+ £ (EACH)
3.0	6	8	57	EMB39030	£12.73	£11.46
4.0	6	11	57	EMB39040	£12.73	£11.46
5.0	6	13	57	EMB39050	£12.73	£11.46
6.0	6	13	57	EMB39060	£12.73	£11.46
8.0	8	19	63	EMB39080	£17.36	£15.62
10.0	10	22	72	EMB39100	£27.78	£25.00
12.0	12	26	83	EMB39120	£34.73	£31.26
14.0	14	26	83	EMB39140	£43.99	£39.59
16.0	16	32	92	EMB39160	£55.57	£50.01
18.0	18	32	92	EMB39180	£91.45	£82.31
20.0	20	38	104	EMB39200	£91.45	£82.31

4 FLUTE LONG LENGTH V7 MILL VARIABLE HELIX COATED CARBIDE



DIA	SHANK DIA	FLUTE LENGTH	OVERALL LENGTH	STEEL GEOM.	1-4 £ (EACH)	5+ £ (EACH)
3.0	6	8	57	EMD38030	£12.73	£11.46
4.0	6	11	57	EMD38040	£12.73	£11.46
5.0	6	13	57	EMD38050	£12.73	£11.46
6.0	6	13	57	EMD38060	£12.73	£11.46
8.0	8	19	63	EMD38080	£17.36	£15.62
10.0	10	22	72	EMD38100	£27.78	£25.00
12.0	12	26	83	EMD38120	£34.73	£31.26
14.0	14	26	83	EMD38140	£43.99	£39.59
16.0	16	32	92	EMD38160	£55.57	£50.01
18.0	18	32	92	EMD38180	£91.45	£82.31
20.0	20	38	104	EMD38200	£91.45	£82.31

"On V7 Mills, 4 Flute Cutters are used for slotting, end milling and profiling.

You can also rough and finish with the same tool."

4 FLUTE LONG LENGTH V7 MILL VARIABLE HELIX COATED CARBIDE BALL NOSED



DIA	SHANK DIA	FLUTE LENGTH	OVERALL LENGTH	INOX GEOMETRY	1-4 £ (EACH)	5+ £ (EACH)
3.0	6	8	57	EMB74030	£16.69	£15.02
4.0	6	11	57	EMB74040	£16.69	£15.02
5.0	6	13	57	EMB74050	£16.69	£15.02
6.0	6	13	57	EMB74060	£16.69	£15.02
8.0	8	19	63	EMB74080	£23.16	£20.84
10.0	10	22	72	EMB74100	£34.41	£30.97
12.0	12	26	83	EMB74120	£43.42	£39.08
16.0	16	32	91	EMB74160	£76.38	£68.74
20.0	20	38	104	EMB74200	£117.59	£105.83

4 FLUTE STD LENGTH V7 MILL VARIABLE HELIX COATED CARBIDE WITH CORNER RAD



DIA	SHANK DIA	FLUTE LENGTH	OVERALL LENGTH	CORNER RAD	STEEL GEOM.	1-4 £ (EACH)	5+ £ (EACH)
3.0	6	5	50	0.3	EMD44030	£13.89	£12.50
4.0	6	8	54	0.3	EMD44040	£13.89	£12.50
5.0	6	9	54	0.3	EMD44050	£13.89	£12.50
6.0	6	10	54	0.4	EMD44060	£13.89	£12.50
8.0	8	12	58	0.4	EMD44080	£18.52	£16.67
10.0	10	14	66	0.4	EMD44100	£25.46	£22.91
12.0	12	16	73	0.6	EMD44120	£33.57	£30.21
14.0	14	18	75	0.6	EMD44140	£38.20	£34.38
16.0	16	22	82	0.8	EMD44160	£55.57	£50.01
18.0	18	24	84	0.8	EMD44180	£79.87	£71.88
20.0	20	26	92	0.8	EMD44200	£79.87	£71.88

5 FLUTE LONG LENGTH V7 MILL VARIABLE HELIX COATED CARBIDE

Plain Shank Series EMB72



DIA	SHANK DIA	FLUTE LENGTH	OVERALL LENGTH	INOX GEOMETRY	1-4 £ (EACH)	5+ £ (EACH)
6.0	6	13	57	EMB72060	£17.72	£15.95
8.0	8	19	53	EMB72080	£24.37	£21.94
10.0	10	22	81	EMB72100	£36.31	£32.68
12.0	12	26	83	EMB72120	£45.37	£40.83
14.0	14	26	83	EMB72140	£61.21	£55.09
16.0	16	32	92	EMB72160	£80.14	£72.13
18.0	18	32	92	EMB72180	£113.41	£102.07
20.0	20	38	104	EMB72200	£123.29	£110.96