

PLASTICS

Belin Single Flute Upward Spiral



Product Code	Cut Dia (mm)	Shank Dia (mm)	Cut Length (mm)	Overall Length (mm)	Depth per Pass (mm)	Feed Rate (m/min)	Spindle (rpm)	Coolant / Lubricant
1011A-1-3	1	3	4	30	1	0.5	22,000	No
1011A-1-3	1.1	3	4	30	1	0.5	22,000	No
1011A-1-3	1.2	3	4	30	1	0.5	22,000	No
1011A-1-3	1.4	3	4	30	1.5	0.5	22,000	No
1011A-1-3	1.5	3	6	30	1.5	0.5	22,000	No
1011A-1-3	1.6	3	6	30	1.5	1	22,000	No
1011A-1-3	1.8	3	6	30	2	1	22,000	No
1011A-2	2	2	8	30	2	1	22,000	No
1013A-2	2	2	8	60	2	1	22,000	No
1011A-2-3	2	3	8	30	2	1	22,000	No
1011A-2-6	2	6	8	60	2	1	22,000	No
1011A-2-5	2.5	2.5	8	30	2.5	1	22,000	No
1013A-2-5	2.5	2.5	8	60	2.5	1	22,000	No
1011A-3	3	3	12	40	3	1.5	22,000	No
1013A-3	3	3	10	60	3	1.5	22,000	No
1011A-3-6	3	6	12	50	3	1.5	22,000	No
1014A-3	3	3	20	60	3	1.5	22,000	No
1014A-3-6	3	6	20	60	3	1.5	22,000	No
1012A-3	3	3	15	40	3	1.5	22,000	No
1017A-4	4	4	12	40	4	1.5	22,000	No
1011A-4	4	4	14	50	4	1.5	22,000	No
1014A-4	4	4	22	60	4	1.5	22,000	No
1016A-4	4	4	30	70	4	1.5	22,000	No
1011A-4-6	4	6	14	50	4	1.5	22,000	No
1012A-4-6	4	6	22	60	4	1.5	22,000	No
1011A-5	5	5	16	60	6	2	22,000	No
1016A-5	5	5	22	60	6	2	22,000	No
1014A-5	5	5	30	70	6	2	22,000	No
1011A-5-6	5	6	16	60	6	2	22,000	No
1014A-5-6	5	6	22	60	6	2	22,000	No
1012A-6	6	6	14	50	8	3	22,000	No
1011A-6	6	6	22	60	8	3	22,000	No
1014A-6	6	6	32	70	8	3	22,000	No
1016A-6	6	6	38	80	8	3	22,000	No
1011A-8	8	8	22	60	10	4	22,000	No
1012A-8	8	8	32	70	10	4	22,000	No
1014A-8	8	8	38	80	10	4	22,000	No
1016A-8	8	8	42	80	10	4	22,000	No
1011A-10	10	10	30	75	10	5	22,000	No
1011A-12	12	12	30	75	10	6	22,000	No
1011A-013-025	1/8"	1/4"	1/2"	1 1/2"	3	6	22,000	No
1011A-013	1/8"	1/8"	1/2"	2"	3	6	22,000	No
1011A-019-025	3/16"	1/4"	5/8"	2"	5	6	22,000	No
1011A-019	3/16"	3/16"	5/8"	2"	5	6	22,000	No
1014A-019-025	3/16"	1/4"	1 1/4"	3"	5	6	22,000	No
1011A-025	1/4"	1/4"	3/4"	2"	6	6	22,000	No
1014A-025	1/4"	1/4"	1 1/2"	3"	6	6	22,000	No
1016A-025	1/4"	1/4"	2 1/4"	3 3/4"	6	6	22,000	No
1013A-025	1/4"	1/4"	1 1/8"	3"	6	6	22,000	No
1011A-038	3/8"	3/8"	1 1/8"	3"	9	6	22,000	No
1014A-038	3/8"	3/8"	3 3/16"	5"	9	6	22,000	No
1011A-050	1/2"	1/2"	1 1/4"	3"	10	6	22,000	No
1014A-050	1/2"	1/2"	2"	4"	10	6	22,000	No

Belin Single Flute Down Spiral



Product Code	Cut Dia (mm)	Shank Dia (mm)	Cut Length (mm)	Overall Length (mm)	Depth per Pass (mm)	Feed Rate (m/min)	Spindle (rpm)	Coolant / Lubricant
1021A-1-3	1	3	4	30	1	0.5	24,000	No
1021A-1-5-3	1.5	3	6	30	1	0.5	24,000	No
1021A-2	2	2	8	30	2	1	24,000	No
1023A-2	2	2	8	60	2	1	24,000	No
1021A-2-3	2	3	8	30	2	1	24,000	No
1021A-2-5	2.5	2.5	8	30	2	1	24,000	No
1023A-2-5	2.5	2.5	8	60	2	1	24,000	No
1021A-3	3	3	10	30	3	1.5	24,000	No
1023A-3	3	3	10	60	3	1.5	24,000	No
1021A-3-6	3	6	10	50	3	1.5	24,000	No
1021A-4	4	4	12	50	4	1.5	24,000	No
1023A-4	4	4	20	60	4	1.5	24,000	No
1026A-4	4	4	30	70	4	1.5	24,000	No
1021A-4-6	4	6	12	60	4	1.5	24,000	No
1021A-5	5	5	16	60	5	2	24,000	No
1024A-5	5	5	30	70	5	2	24,000	No
1021A-5-6	5	6	16	50	5	2	24,000	No
1021A-6	6	6	20	60	5	2	24,000	No
1024A-6	6	6	30	70	5	2	24,000	No
1026A-6	6	6	38	80	5	2	24,000	No
1021A-8	8	8	22	60	6	3	24,000	No
1024A-8	8	8	38	80	6	3	24,000	No
1021A-10	10	10	30	75	6	4	24,000	No
1021A-12	12	12	30	75	6	4	24,000	No
1021A-013-025	1/8"	1/4"	1/2"	1 1/2"	3	1.5	24,000	No
1021A-019-025	3/16"	1/4"	5/8"	2"	4	1.5	24,000	No
1021A-025	1/4"	1/4"	3/4"	2"	5	2	24,000	No

Belin PCD Finishing Tool for Plastics



Product Code	Cut Dia (mm)	Shank Dia (mm)	Cut Length (mm)	Overall Length (mm)	Depth per Pass (mm)	Feed Rate (m/min)	Spindle (rpm)	Coolant / Lubricant
1221A-6	6	6	14	50	14	1.2	22,000	No

Long Reach Tools for Foam



Product Code	Cut Dia (mm)	Shank Dia (mm)	Cut Length (mm)	Overall Length (mm)	Depth per Pass (mm)	Feed Rate (m/min)	Spindle (rpm)	Coolant / Lubricant
2033M-6	6	6	15	80	15	4.5	22,000	No
2033M-8	8	8	15	80	15	5	22,000	No
2033M-12	12	12	25	120	25	5	22,000	No
2033M-16	16	16	25	150	25	5	22,000	No

Solid Carbide Engraving Tools



Product Code	Tip/Cut Dia (mm)	Shank Dia (mm)	Angle	Overall Length (mm)	Depth per Pass (mm)	Feed Rate (m/min)	Spindle (rpm)	Coolant / Lubricant
7061R-0-4	0/4	4	60°	60	1	0.5	20,000	Yes on metals
7061R-0-5.4	0.5/4	4	60°	60	1	0.5	20,000	Yes on metals
7061R-1-4	1/4	4	60°	60	1	0.5	20,000	Yes on metals
7061R-2-4	2/4	4	60°	60	1	0.5	20,000	Yes on metals
2051A-0-12	0/12	12	90°	50	5	2	21,000	Yes on metals
2051A-0-8	0/8	8	90°	50	4	2	21,000	Yes on metals
2051A-0-2.8	0.2/16	8	90°	50	4	2	21,000	Yes on metals
2051A-0-5.8	0.5/16	8	90°	50	4	2	21,000	Yes on metals
2051A-1-8	1/16	8	90°	50	4	2	21,000	Yes on metals

Carbide Engraving Tools, TiAlN Coated



Product Code	Tip Geometry	Tip Dia (mm)	Shank Dia (mm)	Overall Length (mm)	Depth per Pass (mm)	Feed Rate (m/min)	Spindle (rpm)	Coolant / Lubricant
6171Q-0.2	Quarter round	0.2	4	62	0.4	0.5-1	24,000	Yes on metals
6171Q-0.4	Quarter round	0.4	4	62	0.4	0.5-1	24,000	Yes on metals
7171Q-0.4	Half round	0.4	4	62	0.4	0.5-1	24,000	Yes on metals
6171Q-0.6	Quarter round	0.6	4	62	0.4	0.5-1	24,000	Yes on metals
6171Q-0.8	Quarter round	0.8	4	81	0.4	0.5-1	24,000	Yes on metals

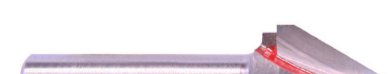
WOODS

Straight Twin Fluted Tools for Wood



Product Code	Cut Dia (mm)	Shank Dia (mm)	Cut Length (mm)	Overall Length (mm)	Depth per Pass (mm)	Feed Rate (m/min)	Spindle (rpm)	Coolant / Lubricant
2031M-6	6	6	16	57	8	2.5	21,000	No
2031B-6-050	6	1/2"	18	70	8	3	21,000	No
2031M-8	8	8	20	57	10	3	21,000	No
2031M-10	10	8	25	70	10	3.5	21,000	No
2031M-12	12	12	30	70	12	3.5	21,000	No
2031M-20-8	20	8	25	53	12	4	21,000	No
2031M-22-12	22	12	40	82	12	4	21,000	No
2031M-25-12	25	12	25	53	12	4	21,000	No
2031M-013-025	1/8"	1/4"	3/8"	42	4	2.5	21,000	No
2031M-075-025	3/4"	1/4"	1"	2"	4	2	21,000	No

Carbide V Bits



Product Code	Tip/Cut Dia (mm)	Shank Dia (mm)	Angle	Cut Length (mm)	Overall Length (mm)	Depth per Pass (mm)	Feed Rate (m/min)	Spindle (rpm)	Coolant / Lubricant
2051M-120-8	1/12.5	8	120°	12	45	3	1	18,000	No
2051M-90-025	1/18	1/4"	90°	14	45	3	1	18,000	No
2051M-90-8	1/18	8	90°	14	45	5	2	18,000	No
2051M-90-050	1/18	1/2"	90°	14	45	5	2	18,000	No
2161M-90-12	0/44	12	90°	21	65	5	2	18,000	No
2051M-60-025	1/15.75	1/4"	60°	16	45	3	1	18,000	No
2051M-60-8	1/15.75	8	60°	16	45	5	2	18,000	No
2051M-60-050	1/15.75	1/2"	60°	16	45	5	2	18,000	No
2161M-60-12	0/26	12	60°	21	65	5	2	18,000	No

Onsrud Marathon Compression Tools



Product Code	No. of Flutes	Cut Dia (mm)	Shank Dia (mm)	Cut Length (mm)	Overall Length (mm)	Depth per Pass (mm)	Feed Rate (m/min)	Spindle (rpm)	Coolant / Lubricant
2201A-6	1	6	6	22	64	20	7	24,000	No
2201A-6	2	8	8	22	64	20	10	24,000	No
2201A-10	2	10	10	22	76	20	12	24,000	No
2201A-12	2	12	12	28	76	25	14	24,000	No

Ovolo & Ogee Profiling Tools for Wood

Product Code	Radius (mm)	Inner Dia (mm)	Outer Dia (mm)	Shank Dia (mm)	Cut Length (mm)	Depth per Pass (mm)	Feed Rate (m/min)	Spindle (rpm)	Coolant / Lubricant
2081M-17-8	3	11	17	8	3	6	2	18,000	No
2081M-23-8	6.3	11	23	8	6.3	12	2	18,000	No
2081M-31-8	10	11	31	8	10	20	2	18,	