

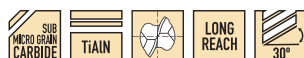
## 2-Flute Square End Necked Design – Standard & Long



PC410 Speeds & Feeds ► P. A40

Cutting Dia. (mm)	Flute Length (mm)	Neck Length (mm)	Neck Dia. (mm)	Shank Dia. (mm)	Overall Length (mm)	Code No.	Price \$
0.5	0.7	2.5	0.45	6	60	101900	75.43
0.5	0.7	4.0	0.45	6	60	101901	67.91
0.5	0.7	6.0	0.45	6	60	101902	67.91
0.6	0.9	3.0	0.55	6	60	101903	75.43
0.6	0.9	6.0	0.55	6	60	101904	67.91
0.8	1.2	4.0	0.75	6	60	101905	74.44
0.8	1.2	6.0	0.75	6	60	101906	67.91
1.0	1.5	5.0	0.95	6	60	101907	65.37
1.0	1.5	8.0	0.95	6	60	101908	58.73
1.0	1.5	12	0.95	6	60	101909	58.73
1.2	1.8	6.0	1.15	6	60	101910	73.10
1.2	1.8	10	1.15	6	60	101911	65.70
1.4	2.1	7.0	1.35	6	60	101912	74.22
1.4	2.1	12	1.35	6	60	101913	66.47
1.4	2.1	16	1.35	6	60	101914	66.47
1.5	2.3	7.5	1.45	6	60	101915	65.70
1.5	2.3	10	1.45	6	60	101916	59.17
1.5	2.3	20	1.45	6	60	101917	60.95
1.6	2.4	8.0	1.55	6	60	101918	101.27
1.6	2.4	12	1.55	6	60	101919	66.80
1.6	2.4	20	1.55	6	60	101920	68.34
1.8	2.7	6.0	1.75	6	60	101921	66.80
1.8	2.7	9.0	1.75	6	60	101922	74.22
1.8	2.7	12	1.75	6	60	101923	67.25
1.8	2.7	20	1.75	6	60	101924	68.68
2.0	3.0	6.0	1.95	6	60	101925	61.17
2.0	3.0	10	1.95	6	60	101926	61.17
2.0	3.0	16	1.95	6	60	101927	62.05
2.0	3.0	20	1.95	6	60	101928	63.38
2.5	3.7	12.5	2.4	6	60	101929	61.94

## 2-Flute Tapered Pencil Neck Ball Nose



PC418 Speeds & Feeds ► P. A42

Cutting Dia. (mm)	Flute Length (mm)	Non Taper Neck Length (mm)	Neck Length (mm)	Max. Neck Dia. (mm)	Neck Incline	Shank Dia. (mm)	Overall Length (mm)	Code No.	Price \$
1.0	2.5	4.0	20	3.8	5°	6	60	101970	102.52
1.0	2.5	4.0	40	4.8	3°	6	80	101971	109.05
1.0	2.5	4.0	20	1.8	1.5°	6	70	101972	105.62
2.0	5.0	7.0	20	4.3	5°	6	60	101973	102.52
2.0	5.0	7.0	40	5.5	3°	6	80	101974	109.05
2.0	5.0	7.0	20	2.7	1.5°	6	70	101975	105.62
3.0	8.0	10.5	30	5.0	3°	6	70	101976	105.62
3.0	8.0	10.5	50	5.1	1.5°	6	90	101977	112.26
4.0	8.0	10.5	28	6.0	3°	6	70	101978	105.41
4.0	8.0	10.5	48	6.0	1.5°	6	90	101979	111.93
5.0	10	12.5	40	8.0	3°	8	90	101980	134.71
5.0	10	12.5	60	7.5	1.5°	8	110	101981	142.56
6.0	12	14.5	33.5	8.0	3°	8	90	101982	140.91
6.0	12	14.5	52	8.0	1.5°	8	110	101983	140.91
8.0	14	16.5	35.5	10	3°	10	100	101984	182.83
8.0	14	16.5	54.5	10	1.5°	10	120	101985	194.66
10	18	20.5	39.5	12	3°	12	110	101986	225.73
10	18	20.5	58.5	12	1.5°	12	130	101987	237.69
12	22	25	60	16	3°	16	140	101988	338.45
12	22	25	80	14.9	1.5°	16	160	101989	369.64

## 2-Flute Square End – Long Reach



PC412 Speeds & Feeds ► P. A40

Cutting Dia. (mm)	Radius (mm)	Flute Length (mm)	Neck Length (mm)	Neck Dia. (mm)	Shank Dia. (mm)	Overall Length (mm)	Code No.	Price \$
0.5	0.05	0.7	2.0	0.46	6	50	101948	112.26
0.5	0.05	0.7	4.0	0.46	6	50	101949	112.26
1.0	0.1	1.5	4.0	0.95	6	50	101950	91.35
1.0	0.1	1.5	8.0	0.95	6	50	101951	108.17
1.0	0.1	1.5	12	0.95	6	50	101952	91.35
1.0	0.2	1.5	4.0	0.95	6	50	101953	108.17
1.0	0.2	1.5	8.0	0.95	6	50	101954	108.17
1.0	0.2	1.5	12	0.95	6	50	101955	91.35
1.0	0.3	1.5	4.0	0.95	6	50	101956	108.17
1.0	0.3	1.5	8.0	0.95	6	50	101957	108.17
1.0	0.3	1.5	12	0.95	6	50	101958	108.17
1.5	0.3	2.3	6.0	1.45	6	50	101959	95.78
1.5	0.3	2.3	12	1.45	6	50	101960	95.78
1.5	0.3	2.3	18	1.45	6	50	101961	104.19
1.5	0.5	2.3	6.0	1.45	6	60	101963	120.01
1.5	0.5	2.3	12	1.45	6	60	101964	104.19
1.5	0.5	2.3	18	1.45	6	60	101965	118.24
2.0	0.3	3.0	10	1.94	6	60	101966	120.01
2.0	0.3	3.0	16	1.94	6	60	101967	101.32
2.0	0.3	3.0	24	1.94	6	70	101968	118.24
2.0	0.3	3.0	30	1.94	6	70	101969	111.27
2.0	0.5	3.0	10	1.94	6	60	102300	101.32
2.0	0.5	3.0	16	1.94	6	60	102301	101.32
2.0	0.5	3.0	24	1.94	6	70	102302	123.54
2.0	0.5	3.0	30	1.94	6	70	102303	118.24
2.5	0.5	3.7	15	2.40	6	70	102304	128.08
2.5	0.5	3.7	30	2.40	6	70	102305	118.24
3.0	0.5	4.5	12	2.85	6	70	102306	134.38
3.0	0.5	4.5	24	2.85	6	80	102307	134.38
3.0	1.0	4.5	12	2.85	6	70	102309	134.38
3.0	1.0	4.5	24	2.85	6	80	102310	134.38
3.0	1.0	4.5	36	2.85	6	80	102311	134.38
3.5	0.5	5.0	16	3.35	6	80	102312	134.38
3.5	0.5	5.0	32	3.35	6	80	102313	134.38
3.5	1.0	5.0	16	3.35	6	80	102314	134.38
4.0	0.5	6.0	16	3.80	6	80	102315	129.74
4.0	0.5	6.0	24	3.80	6	80	102316	134.38
4.0	0.5	6.0	32	3.80	6	80	102317	129.74
4.0	1.0	6.0	16	3.80	6	80	102318	134.38
4.0	1.0	6.0	24	3.80	6	80	102319	134.38
4.0	1.0	6.0	32	3.80	6	80	102320	134.38
4.5	0.5	8.0	16	4.30	6	80	102321	134.38
4.5	0.5	8.0	32	4.30	6	80	102322	134.38

## 4-Flute Square End Long Reach



PC411 Speeds & Feeds ► P. A42

Cutting Dia. (mm)	Flute Length (mm)	Neck Length (mm)	Neck Dia. (mm)	Shank Dia. (mm)	Overall Length (mm)	Code No.	Price \$
3.0	4.5	15	2.85	6	70	101930	76.32
3.5	5.3	17.5	3.35	6	70	101931	80.52
4.0	6.0	20	3.85	6	70	101932	78.97
5.0	7.5	25	4.85	6	80	101933	84.94
6.0	9.0	30	5.85	6	90	101934	88.70