

**NEW
SERIES**



TECH
PAGES
268

TOLERANCES	
d_1	+0.000" -0.002" (+0.000mm -0.050mm)
d_2	h6
r	+0.001" -0.001" (+0.025 -0.025mm)

Recommended for inconel, pH materials, titanium and tool steels >40Rc

Square End, Corner Radius

AlTiN Coating

Solid submicron grain carbide end mill - center cutting

6 flutes for better finish and longer tool life

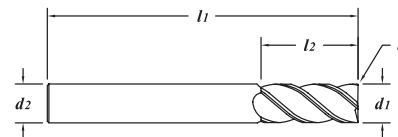
Reduces vibration for more aggressive machining resulting in less cycle times and greater productivity

Staggered flute geometry

Recommended for Trochoidal / Dynamic milling

Up to 15% radial stepovers

Up to 4xD axial depths



MATERIAL HARDNESS (Rc)

70

35

0

EDP#	d_1 †		d_2	l_1	l_2	r	1-11	12-24	25-49	50-100	
	Decimal	Diameter									Metric
60100	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	-	19.86	19.00	18.13	17.27
60102	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	.010"	24.30	23.24	22.19	21.13
60104	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	.015"	24.30	23.24	22.19	21.13
60106	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	.030"	24.30	23.24	22.19	21.13
NEW 60162	.3150		8.000	8.0	65	22	-	29.35	28.07	26.80	25.52
60108	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	-	33.42	31.97	30.51	29.06
60110	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	.015"	38.27	36.61	34.94	33.28
60112	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	.030"	38.27	36.61	34.94	33.28
60114	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	.060"	38.27	36.61	34.94	33.28
NEW 60164	.3937		10.000	10.0	70	22	-	40.08	38.34	36.59	34.85
NEW 60166	.4724		12.000	12.0	75	32	-	52.05	49.79	47.52	45.26
60116	.5000	1/2"	12.700	1/2"	3"	1-1/4"	-	49.98	47.81	45.63	43.46
60118	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.010"	64.92	62.10	59.27	56.45
60120	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.015"	64.92	62.10	59.27	56.45
60122	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.020"	64.92	62.10	59.27	56.45
60124	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.030"	64.92	62.10	59.27	56.45
60126	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.060"	64.92	62.10	59.27	56.45
60128	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.125"	64.92	62.10	59.27	56.45
60130	.5000	1/2"	12.700	1/2"	4"	2-1/8"	-	67.63	64.69	61.75	58.81
60132	.5000	1/2"	12.700	1/2"	4"	2-1/8"	.010"	76.90	73.56	70.21	66.87
60134	.5000	1/2"	12.700	1/2"	4"	2-1/8"	.020"	76.90	73.56	70.21	66.87
60136	.5000	1/2"	12.700	1/2"	4"	2-1/8"	.030"	76.90	73.56	70.21	66.87
60138	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	-	92.22	88.21	84.20	80.19
60140	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	.015"	103.24	98.75	94.26	89.77
60142	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	.030"	103.24	98.75	94.26	89.77
60144	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	.060"	103.24	98.75	94.26	89.77
60146	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	.125"	103.24	98.75	94.26	89.77
60148	.6250	5/8"	15.875	5/8"	4"	1-5/8"	-	98.49	94.21	89.93	85.64
60150	.6250	5/8"	15.875	5/8"	4"	1-5/8"	.030"	110.25	105.46	100.66	95.87
NEW 60168	.6299		16.000	16.0	88	32	-	96.21	92.03	87.84	83.66
60152	.7500	3/4"	19.050	3/4"	4"	1-1/2"	-	131.64	125.92	120.19	114.47
60154	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.015"	147.74	141.32	134.89	128.47
60156	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.030"	147.74	141.32	134.89	128.47
60158	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.060"	147.74	141.32	134.89	128.47
60160	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.125"	147.74	141.32	134.89	128.47