

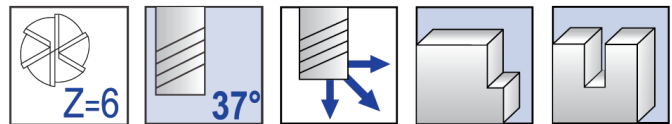
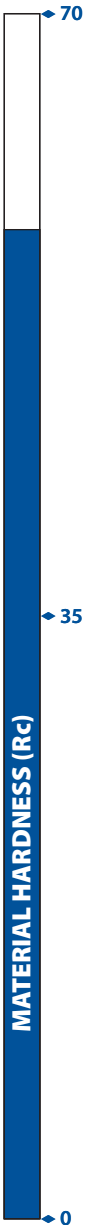


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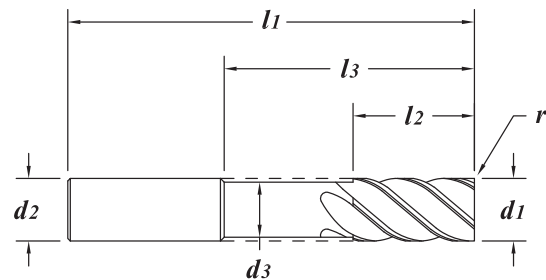
High Performance End Mills AlTiN Coated

Target Materials:

- Inconel
- pH Materials
- Titanium
- Tool steels over 40Rc



**CALCULATE IDEAL PARAMETERS
FOR THE VRX-6 IN YOUR
APPLICATION WITH THE GARR
TECHNICAL ADVISOR**



← View the VRX-6

TOLERANCES

<i>d1</i>	+0.000" -0.002" (+0.000mm -0.050mm)
<i>d2</i>	h6
<i>r</i>	+0.001" -0.001" (+0.025 -0.025mm)

HIGH EFFICIENCY MILLING

Series VRX-6



.2362" - .4724"
(6.000mm - 12.000mm)

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

Square End, Corner Radius

AlTiN Coating

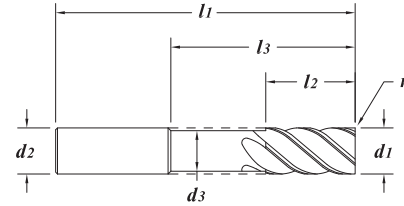
Solid submicron grain carbide end mill - center cutting

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

Engineered for High Efficiency Milling



EDP#	<i>d1</i> † Diameter		<i>d2</i> Shank Diameter	<i>l1</i> Overall Length	<i>l2</i> Flute Length	<i>r</i> Corner Radius	<i>l3</i> Reach Length	<i>d3</i> Neck Diameter	LIST PRICE
	Decimal	Metric							
60101	.2362	6.000	6.0	65	20	-	-	-	21.29
60103	.2362	6.000	6.0	65	20	0.50	-	-	26.11
60100	.2500	1/4"	6.350	1-1/4"	2-1/2"	3/4"	-	-	20.56
60102	.2500	1/4"	6.350	1-1/4"	2-1/2"	3/4"	.010"	-	25.16
60104	.2500	1/4"	6.350	1-1/4"	2-1/2"	3/4"	.015"	-	25.16
60105	.2500	1/4"	6.350	1-1/4"	2-1/2"	3/4"	.020"	-	25.16
60106	.2500	1/4"	6.350	1-1/4"	2-1/2"	3/4"	.030"	-	25.16
60162	.3150	8.000	8.0	65	22	-	-	-	30.38
60107	.3150	8.000	8.0	65	22	0.50	-	-	35.33
60109	.3750	3/8"	9.525	3/8"	2"	1/2"	-	-	29.59
60111	.3750	3/8"	9.525	3/8"	2"	1/2"	.020"	-	36.01
60108	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	-	-	34.59
60110	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	.015"	-	39.61
60113	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	.020"	-	39.61
60112	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	.030"	-	39.61
60114	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	.060"	-	39.61
60184	.3750	3/8"	9.525	3/8"	3"	1-1/4"	.030"	-	52.12
60164	.3937	10.000	10.0	70	22	-	-	-	41.47
60115	.3937	10.000	10.0	70	22	0.50	-	-	47.88
60117	.3937	10.000	10.0	70	22	1.00	-	-	47.88
60119	.4724	12.000	12.0	65	20	-	-	-	50.49
60121	.4724	12.000	12.0	65	20	0.50	-	-	62.76
60123	.4724	12.000	12.0	75	26	-	-	-	53.87
60125	.4724	12.000	12.0	75	26	0.75	-	-	70.02
60166	.4724	12.000	12.0	75	32	-	-	-	53.87
60127	.4724	12.000	12.0	75	32	0.50	-	-	70.02
60129	.4724	12.000	12.0	75	32	1.00	-	-	70.02

HIGH PERFORMANCE
END MILLS

70

35

MATERIAL HARDNESS (Rc)

0

Series VRX-6 (continued)

.5000" - 1.000"
(12.700mm - 25.400mm)

EDP#	$d1$ † Diameter		$d2$ Shank Diameter	$l1$ Overall Length	$l2$ Flute Length	r Corner Radius	$l3$ Reach Length	$d3$ Neck Diameter	LIST PRICE
	Decimal	Metric							
60131	.5000	1/2"	12.700	1/2"	2-1/2"	5/8"	-	-	48.42
60185	.5000	1/2"	12.700	1/2"	2-1/2"	5/8"	.010"	-	60.19
60157	.5000	1/2"	12.700	1/2"	2-1/2"	5/8"	.015"	-	60.19
60133	.5000	1/2"	12.700	1/2"	2-1/2"	5/8"	.020"	-	60.19
60159	.5000	1/2"	12.700	1/2"	2-1/2"	5/8"	.030"	-	60.19
60189	.5000	1/2"	12.700	1/2"	2-1/2"	5/8"	.060"	-	60.19
60186	.5000	1/2"	12.700	1/2"	2-1/2"	5/8"	.125"	-	60.19
60135	.5000	1/2"	12.700	1/2"	3"	1"	-	-	51.73
60201	.5000	1/2"	12.700	1/2"	3"	1"	.030"	-	67.19
60116	.5000	1/2"	12.700	1/2"	3"	1-1/4"	-	-	51.73
60118	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.010"	-	67.19
60120	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.015"	-	67.19
60122	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.020"	-	67.19
60124	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.030"	-	67.19
60126	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.060"	-	67.19
60128	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.125"	-	67.19
60137	.5000	1/2"	12.700	1/2"	4"	1-1/2"	-	-	70.00
60139	.5000	1/2"	12.700	1/2"	4"	1-1/2"	.030"	-	79.59
60190	.5000	1/2"	12.700	1/2"	4"	1-5/8"	-	-	70.00
60194	.5000	1/2"	12.700	1/2"	4"	1-5/8"	.030"	-	79.59
60196	.5000	1/2"	12.700	1/2"	4"	1-5/8"	.060"	-	79.59
60130	.5000	1/2"	12.700	1/2"	4"	2-1/8"	-	-	70.00
60132	.5000	1/2"	12.700	1/2"	4"	2-1/8"	.010"	-	79.59
60134	.5000	1/2"	12.700	1/2"	4"	2-1/8"	.020"	-	79.59
60136	.5000	1/2"	12.700	1/2"	4"	2-1/8"	.030"	-	79.59
60200	.5000	1/2"	12.700	1/2"	4"	2-1/8"	.060"	-	79.59
60141	.6250	5/8"	15.875	5/8"	3"	3/4"	-	-	92.74
60143	.6250	5/8"	15.875	5/8"	3"	3/4"	.020"	-	103.95
60138	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	-	-	95.45
60140	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	.015"	-	106.85
60145	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	.020"	-	106.85
60142	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	.030"	-	106.85
60144	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	.060"	-	106.85
60146	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	.125"	-	106.85
60148	.6250	5/8"	15.875	5/8"	4"	1-5/8"	-	-	101.94
60150	.6250	5/8"	15.875	5/8"	4"	1-5/8"	.030"	-	114.11
60168	.6299		16.000	16.0	88	32	-	-	99.57
60170	.6299		16.000	16.0	88	32	0.50	-	111.42
60174	.6299		16.000	16.0	100	40	-	-	105.88
60176	.6299		16.000	16.0	100	40	0.50	-	118.47
60180	.6299		16.000	16.0	100	32	-	50	115.91
60182	.6299		16.000	16.0	100	32	0.50	50	128.50
60152	.7500	3/4"	19.050	3/4"	4"	1-1/2"	-	-	136.25
60154	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.015"	-	152.92
60147	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.020"	-	152.92
60156	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.030"	-	152.92
60158	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.060"	-	152.92
60160	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.125"	-	152.92
60149	.7500	3/4"	19.050	3/4"	6"	3"	-	-	214.01
60151	.7500	3/4"	19.050	3/4"	6"	3"	.030"	-	248.91
60188	1.000	1"	25.400	1"	4"	1-1/2"	.125"	-	260.49
60153	1.000	1"	25.400	1"	6"	3"	.030"	-	413.85
60155	1.000	1"	25.400	1"	7"	1-1/4"	-	4-1/8"	446.90

