

Series VRX-6

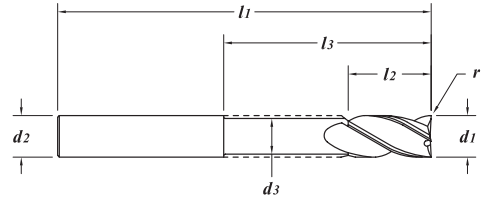
6,000mm - 12,000mm
(.2362" - .4724")



TOLERANCES	
d1	+0.000" -0.002" (+.000mm -.050mm)
d2	h6
r	+0.011" -.001" (+.025 -.025mm)

TECH
PAGES
274-275

Square End, Corner Radius - AlTiN Coated
Ohne Eckenradius, Eckenradius - AlTiN-Beschichtet
Extremo Sin Radio, Ángulo Redondeado - Recubrimiento de AlTiN
Extrémité Carré, Rayon de Coin - Revêtement AlTiN
Piatte, Torico - Rivestimento in AlTiN
平头, 圆角半径 - AlTiN 涂层



Solid submicron grain carbide end mill - center cutting
Reduces vibration for more aggressive machining resulting in less cycle times and greater productivity

Recommended for stainless steel, inconel, titanium and tool steels

Staggered flute geometry
Effective for trochoidal / dynamic milling



Hochleistungs- Vollhartmetallfräser aus Feinkornhartmetall - Zentrumschnitt
Reduziert Vibrationen für eine aggressivere Bearbeitung, um Bearbeitungszeit zu reduzieren und eine grössere Produktivität zu erzielen

Empfohlen für Rostfreien Stahl, Inconel, Titan, und Werkzeugstähle
Geeignet für trochoidales / dynamisch Fräsen



Fresa de submicrograno sólido carburo de alto rendimiento - corte centrado
Reduce las vibraciones hasta en los más agresivos mecanizados, obteniéndose bajos tiempos de ciclo y mayor productividad

Recomendado para acero inoxidable, inconel, acero laminado en frío, hierro de fundición y aceros herramienta
Adecuada para el fresado trocoidal / dinámica



Fraises carbure submicrograin - coupe au centre
Reduction des vibrations pour un fraisage plus agressif resultant des temps de cycles plus court et une meilleure productivité

Recommandée pour les aciers inoxydables, Inconel, aciers a outils, aciers forges, titane, fontes et aciers a outils
Optimal pour un fraisage trocoidal / dynamique



Fresa sub-micrograno metallo duro - taglio al centro
Riduzioni delle vibrazioni per lavorazioni aggressive per ridurre il tempo ciclo ed aumentare la produttività

Raccomandata per lavorazioni su inox, inconel, titanio e acciai per utensili
Efficace per fresatura trocoidale / dinamico



超微晶粒整体硬质合金立铣刀 - 中心切削
适合更高速度、更大进给的加工，可以减少振动，减少加工时间，提高生产效率

推荐加工不锈钢、镍基耐热合金、含磷材质、钛钢 和工具钢
有效的磨削 / 动态 铣削

EDP#	d1 † Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length	r Corner Radius	l3 Reach Length	d3 Neck Diameter
	Decimal	Metric						
NEW 60101	.2362	6.000	6.0	65	20	-	-	-
NEW 60103	.2362	6.000	6.0	65	20	0.50	-	-
60100	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	-	-
60102	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	.010"	-
60104	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	.015"	-
NEW 60105	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	.020"	-
60106	.2500	1/4"	6.350	1/4"	2-1/2"	3/4"	.030"	-
60162	.3150	8.000	8.0	65	22	-	-	-
NEW 60107	.3150	8.000	8.0	65	22	0.50	-	-
NEW 60109	.3750	3/8"	9.525	3/8"	2"	1/2"	-	-
NEW 60111	.3750	3/8"	9.525	3/8"	2"	1/2"	.020"	-
60108	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	-	-
60110	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	.015"	-
NEW 60113	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	.020"	-
60112	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	.030"	-
60114	.3750	3/8"	9.525	3/8"	2-1/2"	7/8"	.060"	-
NEW 60184	.3750	3/8"	9.525	3/8"	3"	1-1/4"	.030"	-
60164	.3937	10.000	10.0	70	22	-	-	-
NEW 60115	.3937	10.000	10.0	70	22	0.50	-	-
NEW 60117	.3937	10.000	10.0	70	22	1.00	-	-
NEW 60119	.4724	12.000	12.0	65	20	-	-	-
NEW 60121	.4724	12.000	12.0	65	20	0.50	-	-
NEW 60123	.4724	12.000	12.0	75	26	-	-	-
NEW 60125	.4724	12.000	12.0	75	26	0.75	-	-
60166	.4724	12.000	12.0	75	32	-	-	-
NEW 60127	.4724	12.000	12.0	75	32	0.50	-	-
NEW 60129	.4724	12.000	12.0	75	32	1.00	-	-

70

35

0

EDP#	d_1 † Diameter		d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length	r Corner Radius	l_3 Reach Length	d_3 Neck Diameter
	Decimal	Metric						
NEW 60131	.5000	1/2"	12.700	1/2"	2-1/2"	5/8"	-	-
NEW 60157	.5000	1/2"	12.700	1/2"	2-1/2"	5/8"	.015"	-
NEW 60133	.5000	1/2"	12.700	1/2"	2-1/2"	5/8"	.020"	-
NEW 60159	.5000	1/2"	12.700	1/2"	2-1/2"	5/8"	.030"	-
NEW 60186	.5000	1/2"	12.700	1/2"	2-1/2"	5/8"	.125"	-
NEW 60135	.5000	1/2"	12.700	1/2"	3"	1"	-	-
60116	.5000	1/2"	12.700	1/2"	3"	1-1/4"	-	-
60118	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.010"	-
60120	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.015"	-
60122	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.020"	-
60124	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.030"	-
60126	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.060"	-
60128	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.125"	-
NEW 60137	.5000	1/2"	12.700	1/2"	4"	1-1/2"	-	-
NEW 60139	.5000	1/2"	12.700	1/2"	4"	1-1/2"	.030"	-
60130	.5000	1/2"	12.700	1/2"	4"	2-1/8"	-	-
60132	.5000	1/2"	12.700	1/2"	4"	2-1/8"	.010"	-
60134	.5000	1/2"	12.700	1/2"	4"	2-1/8"	.020"	-
60136	.5000	1/2"	12.700	1/2"	4"	2-1/8"	.030"	-
NEW 60141	.6250	5/8"	15.875	5/8"	3"	3/4"	-	-
NEW 60143	.6250	5/8"	15.875	5/8"	3"	3/4"	.020"	-
60138	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	-	-
60140	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	.015"	-
NEW 60145	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	.020"	-
60142	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	.030"	-
60144	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	.060"	-
60146	.6250	5/8"	15.875	5/8"	3-1/2"	1-1/4"	.125"	-
60148	.6250	5/8"	15.875	5/8"	4"	1-5/8"	-	-
60150	.6250	5/8"	15.875	5/8"	4"	1-5/8"	.030"	-
60168	.6299		16.000	16.0	88	32	-	-
NEW 60170	.6299		16.000	16.0	88	32	0.50	-
NEW 60174	.6299		16.000	16.0	100	40	-	-
NEW 60176	.6299		16.000	16.0	100	40	0.50	-
NEW 60180	.6299		16.000	16.0	100	32	-	50
NEW 60182	.6299		16.000	16.0	100	32	0.50	50
60152	.7500	3/4"	19.050	3/4"	4"	1-1/2"	-	-
60154	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.015"	-
NEW 60147	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.020"	-
60156	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.030"	-
60158	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.060"	-
60160	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.125"	-
NEW 60149	.7500	3/4"	19.050	3/4"	6"	3"	-	-
NEW 60151	.7500	3/4"	19.050	3/4"	6"	3"	.030"	-
NEW 60153	1.000	1"	25.400	1"	6"	3"	.030"	-
NEW 60155	1.000	1"	25.400	1"	7"	1-1/4"	-	4-1/8"

70

35

0

MATERIAL HARDNESS (Rc)