

TOLERANCES	
d_1	$+.000"-.002" (+.000\text{mm}-.050\text{mm})$
d_2	$h6$
r	$+.001"-.001" (+.025-.025\text{mm})$

HIGH EFFICIENCY MILLING

Series VX-7C - Chip Splitter



TECH
PAGES
302-303

Recommended for titanium, stainless, and tool steels under 45Rc

Seven-Flute End Mill

BALIQ® ALCRONOS Coating (AlCrN-Based)

Solid submicron grain carbide end mill - non-center cutting

Chip splitter to help break long chips

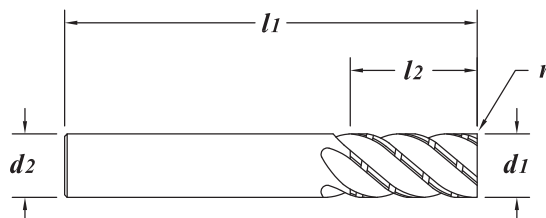
Engineered for High Efficiency Milling

Multiple flutes for increased feed rates

Staggered flute geometry

PCT (Polish Carbide Treatment) enhances tool life

Up to 15% Radial (ae) engagement



EDP#	d_1 †			d_2	l_1	l_2	r				
	Decimal	Diameter	Metric	Shank Diameter	Overall Length	Flute Length	Corner Radius				
64300	.3750	3/8"	9.525	3/8"	2-1/2"	1"	-	65.50	62.66	59.81	56.96
64302	.3750	3/8"	9.525	3/8"	2-1/2"	1"	.020"	71.08	67.99	64.90	61.81
64304	.3750	3/8"	9.525	3/8"	2-1/2"	1"	.030"	71.08	67.99	64.90	61.81
64310	.4724		12.000	12.0	100	50	0.50	130.35	124.69	119.02	113.35
64316	.5000	1/2"	12.700	1/2"	2-1/2"	5/8"	.030"	98.35	94.07	89.80	85.52
64318	.5000	1/2"	12.700	1/2"	2-1/2"	5/8"	.060"	98.35	94.07	89.80	85.52
64322	.5000	1/2"	12.700	1/2"	3"	1"	.030"	105.81	101.21	96.61	92.01
64330	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.030"	105.81	101.21	96.61	92.01
64332	.5000	1/2"	12.700	1/2"	3"	1-1/4"	.060"	105.81	101.21	96.61	92.01
64338	.5000	1/2"	12.700	1/2"	3-1/2"	1-1/2"	-	112.71	107.81	102.91	98.01
64342	.5000	1/2"	12.700	1/2"	3-1/2"	1-1/2"	.030"	123.36	118.00	112.63	107.27
64346	.5000	1/2"	12.700	1/2"	4"	2"	-	115.41	110.40	105.38	100.36
64348	.5000	1/2"	12.700	1/2"	4"	2"	.030"	126.06	120.58	115.10	109.62
64352	.5000	1/2"	12.700	1/2"	4"	2"	.125"	126.06	120.58	115.10	109.62
64360	.6250	5/8"	15.875	5/8"	4"	1-3/4"	-	153.43	146.76	140.09	133.42
64364	.6250	5/8"	15.875	5/8"	4"	1-3/4"	.030"	166.96	159.70	152.44	145.18
64368	.6299		16.000	16.0	100	40	0.75	176.73	169.05	161.36	153.68
64369	.6299		16.000	16.0	100	40	1.00	176.73	169.05	161.36	153.68
64372	.6299		16.000	16.0	100	50	1.00	176.73	169.05	161.36	153.68
64380	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.030"	215.41	206.04	196.68	187.31
64386	.7500	3/4"	19.050	3/4"	6"	3-1/4"	.030"	336.48	321.85	307.22	292.59
64389	.7874		20.000	20.0	100	38	0.50	297.88	284.93	271.98	259.03
64400	1.000	1"	25.400	1"	5"	2-1/2"	.030"	419.38	401.15	382.91	364.68

HIGH
PERFORMANCE
END MILLS

70

35

MATERIAL HARDNESS (Rc)

0