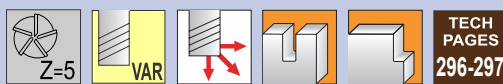


Series V5C - Chip Splitter

HIGH EFFICIENCY MILLING

.4724" - .6299"  
(12.000mm - 16.000mm)



TOLERANCES	
$d1$	+0.000" - .002" (+.000mm - .050mm)
$d2$	h6
$r$	+0.001" - .001" (+.025 - .025mm)

Recommended for titanium, inconel, and stainless steel

Variable Helix End Mill

AlCrN Coating

Solid submicron grain carbide end mill - center cutting

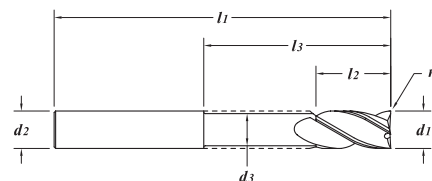
Chip splitter to help break long chips

Engineered for High Efficiency Milling

Staggered flutes to control harmonics

Variable flute design helps with chip evacuation in slots and pockets

PCT (Polish Carbide Treatment) enhances tool life



MATERIAL HARDNESS (Rc)

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EDP#	$d1$ † Diameter		$d2$ Shank Diameter	$l1$ Overall Length	$l2$ Flute Length	$r$ Corner Radius	$l3$ Reach Length	$d3$ Neck Diameter
	Decimal	Metric						
50801	.4724	12.000	12.0	100	42	0.30	-	-
50800	.4724	12.000	12.0	100	42	1.00	-	-
50803	.5000	12.700	1/2"	3"	1"	-	-	-
50807	.5000	12.700	1/2"	3"	1"	.015"	-	-
50805	.5000	12.700	1/2"	3"	1"	.020"	-	-
50809	.5000	12.700	1/2"	3"	1"	.030"	-	-
50811	.5000	12.700	1/2"	3"	1-1/4"	.015"	-	-
50810	.5000	12.700	1/2"	3"	1-1/4"	.020"	-	-
50815	.5000	12.700	1/2"	3"	1-1/4"	.030"	-	-
50813	.5000	12.700	1/2"	3"	1-1/4"	.060"	-	-
50820	.5000	12.700	1/2"	3"	1-1/4"	.090"	-	-
50825	.5000	12.700	1/2"	4"	1-1/2"	.010"	-	-
50817	.5000	12.700	1/2"	4"	1-1/2"	.030"	-	-
50830	.5000	12.700	1/2"	4"	1-5/8"	-	-	-
50819	.5000	12.700	1/2"	4"	1-5/8"	.030"	-	-
50835	.5000	12.700	1/2"	4"	2-1/8"	-	-	-
NEW 50836	.5000	12.700	1/2"	4"	2-1/8"	.030"	-	-
50821	.5000	12.700	1/2"	4"	5/8"	.015"	1-1/2"	.475"
NEW 50823	.6250	15.875	5/8"	3-1/2"	1-1/4"	.020"	-	-
50840	.6250	15.875	5/8"	3-1/2"	1-1/4"	.030"	-	-
50827	.6250	15.875	5/8"	4"	1-5/8"	-	-	-
50829	.6250	15.875	5/8"	4"	1-5/8"	.030"	-	-
50845	.6250	15.875	5/8"	4"	2-1/8"	.030"	-	-
50831	.6250	15.875	5/8"	6"	2-1/2"	.030"	-	-
50833	.6299	16.000	16.0	100	40	0.50	-	-
50837	.6299	16.000	16.0	100	40	1.00	-	-

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							
50839	.7500	3/4"	19.050	3/4"	3"	7/8"	-	-	-
50841	.7500	3/4"	19.050	3/4"	3"	7/8"	.030"	-	-
50843	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.030"	-	-
50847	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.060"	-	-
50850	.7500	3/4"	19.050	3/4"	4"	1-1/2"	.120"	-	-
50849	.7500	3/4"	19.050	3/4"	4"	1-3/4"	-	-	-
50851	.7500	3/4"	19.050	3/4"	4"	1-3/4"	.030"	-	-
50855	.7500	3/4"	19.050	3/4"	5"	2-1/8"	.030"	-	-
50853	.7500	3/4"	19.050	3/4"	5"	2-1/4"	.030"	-	-
50857	.7500	3/4"	19.050	3/4"	5"	2-1/2"	.030"	-	-
50859	.7500	3/4"	19.050	3/4"	5"	2-3/4"	.015"	-	-
50861	.7500	3/4"	19.050	3/4"	5"	2-3/4"	.030"	-	-
50863	.7500	3/4"	19.050	3/4"	6"	3-1/4"	-	-	-
50860	.7500	3/4"	19.050	3/4"	6"	3-1/4"	.030"	-	-
50867	.7500	3/4"	19.050	3/4"	7"	4-1/4"	.015"	-	-
<b>NEW</b> 50869	1.000	1"	25.400	1"	5"	2-1/2"	.030"	-	-
<b>NEW</b> 50871	1.000	1"	25.400	1"	5"	2-5/8"	.030"	-	-
50873	1.000	1"	25.400	1"	6"	3-1/4"	.030"	-	-

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**MATERIAL HARDNESS (Rc)**

