

















## FF2C500500



















**Type:** Thread whirl cutter

M	P	d1	d2	d3	l1	l2
5.0	0.5	4,43	5,00	3,73	51,00	13,00

Coolant holes	Cut	Cutting edges Z
No	Right	4

Coated	Coating type	Material	Material type	Norm
Yes	ALCRONOS	MD	SMG 10	DIN14-DIN13

Machinable Materials				
Cod.	Material type	Machinability	Cutting speed Vc	Advancement per revolution fn
		<b>Recommended</b> Part. recommended Not recommended	(m/min)	(mm/rev)
<b>P01</b>	Unalloyed steels up to 800 N/mm2		80 : 110	0.050 - 0.100
<b>P02</b>	Low alloy steels from 800 N/mm2 to 1100 N/mm2		80 : 110	0.050 - 0.100
<b>P03</b>	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		60 : 90	0.050 - 0.100
<b>M01</b>	Ferritic stainless steels		40 : 60	0.030 - 0.05
<b>M02</b>	Martensitic stainless steels		40 : 60	0.030 - 0.05
<b>M03</b>	Martensitic stainless steels - PH		40 : 60	0.030 - 0.05
<b>M04</b>	Austenitic stainless steels		-	-
<b>K01</b>	Gray/lamellar cast iron		90 : 120	0.050 - 0.100
<b>K02</b>	Nodular/nodular cast iron		90 : 120	0.050 - 0.100
<b>N01</b>	Drawn aluminum alloys		220 : 280	0.050 - 0.100
<b>N02</b>	Die-cast aluminum alloys		220 : 280	0.050 - 0.100
<b>N03</b>	Copper		200 : 250	0.050 - 0.100
<b>N04</b>	Brass - Bronze		200 : 250	0.050 - 0.100
<b>N05</b>	Lead-free brass		200 : 250	0.050 - 0.100
<b>S01</b>	Super alloys (Inconel - Hastelloy - Nimonic)		30 : 50	0.02 - 0.04
<b>S02</b>	Pure titanium (Grade 2 - Grade 4)		15 : 35	0.02 - 0.04
<b>S03</b>	Titanium alloys (Grade 5)		30 : 50	0.02 - 0.04
<b>S04</b>	Cobalt Chrome Alloys		-	-
<b>H01</b>	Hardened steels up to 55 HRC		20 : 40	0.015 - 0.03

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<b>S03</b>	Titanium alloys (Grade 5)		30 : 50	0.02 - 0.04
<b>S04</b>	Cobalt Chrome Alloys		-	-
<b>H01</b>	Hardened steels up to 55 HRC		20 : 40	0.015 - 0.03
<b>H02</b>	Hardened steels from 55 HRC		-	-