




















## TTM3250450E





















**Type:** Micro-milling cutter

d1	d2	l1	l2
4,50	6,00	50	13,50

Coolant holes	Cut	Spiral angle	Cutting edges Z
No	Right	30°	3

Coated	Coating type	Material	Material type	Norm
Yes	ALCRONOS	MD	SMG SP	TUSA

Machinable Materials				
Cod.	Material type	Machinability	Cutting speed Vc	Advancement per revolution fn
		<b>Recommended</b> Part. <b>recommended</b> Not <b>recommended</b>	(m/min)	(mm/rev)
<b>P01</b>	Unalloyed steels up to 800 N/mm2		120	0,013
<b>P02</b>	Low alloy steels from 800 N/mm2 to 1100 N/mm2		120	0,014
<b>P03</b>	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		120	0,012
<b>M01</b>	Ferritic stainless steels		120	0,010
<b>M02</b>	Martensitic stainless steels		120	0,010
<b>M03</b>	Martensitic stainless steels - PH		120	0,010
<b>M04</b>	Austenitic stainless steels		120	0,010
<b>K01</b>	Gray/lamellar cast iron		120	0,012
<b>K02</b>	Nodular/nodular cast iron		120	0,012
<b>N01</b>	Drawn aluminum alloys		140	0,035
<b>N02</b>	Die-cast aluminum alloys		140	0,035
<b>N03</b>	Copper		140	0,035
<b>N04</b>	Brass - Bronze		140	0,035
<b>N05</b>	Lead-free brass		140	0,035
<b>S01</b>	Super alloys (Inconel - Hastelloy - Nimonic)		50	0,010
<b>S02</b>	Pure titanium (Grade 2 - Grade 4)		100	0,010
<b>S03</b>	Titanium alloys (Grade 5)		100	0,010
<b>S04</b>	Cobalt Chrome Alloys		80	0,010
<b>H01</b>	Hardened steels up to 55 HRC		-	-

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<b>H02</b>	Hardened steels from 55 HRC		-	-