



TTM3250500E

Type: Micro-milling cutter

d1	d2	l1	l2
5,00	6,00	50	15,00

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

Machinable Materials				
Cod.	Material type	Machinability	Cutting speed Vc	Advancement per revolution fn
		Recommended Part. recommended Not recommended	(m/min)	(mm/rev)
P01	Unalloyed steels up to 800 N/mm2		120	0,013
P02	Low alloy steels from 800 N/mm2 to 1100 N/mm2		120	0,014
P03	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		120	0,012
M01	Ferritic stainless steels		120	0,010
M02	Martensitic stainless steels		120	0,010
M03	Martensitic stainless steels - PH		120	0,010
M04	Austenitic stainless steels		120	0,010
K01	Gray/lamellar cast iron		120	0,012
K02	Nodular/nodular cast iron		120	0,012
N01	Drawn aluminum alloys		140	0,035
N02	Die-cast aluminum alloys		140	0,035
N03	Copper		140	0,035
N04	Brass - Bronze		140	0,035
N05	Lead-free brass		140	0,035
S01	Super alloys (Inconel - Hastelloy - Nimonic)		50	0,010
S02	Pure titanium (Grade 2 - Grade 4)		100	0,010
S03	Titanium alloys (Grade 5)		100	0,010
S04	Cobalt Chrome Alloys		80	0,010
H01	Hardened steels up to 55 HRC		-	-
H02	Hardened steels from 55 HRC		-	-