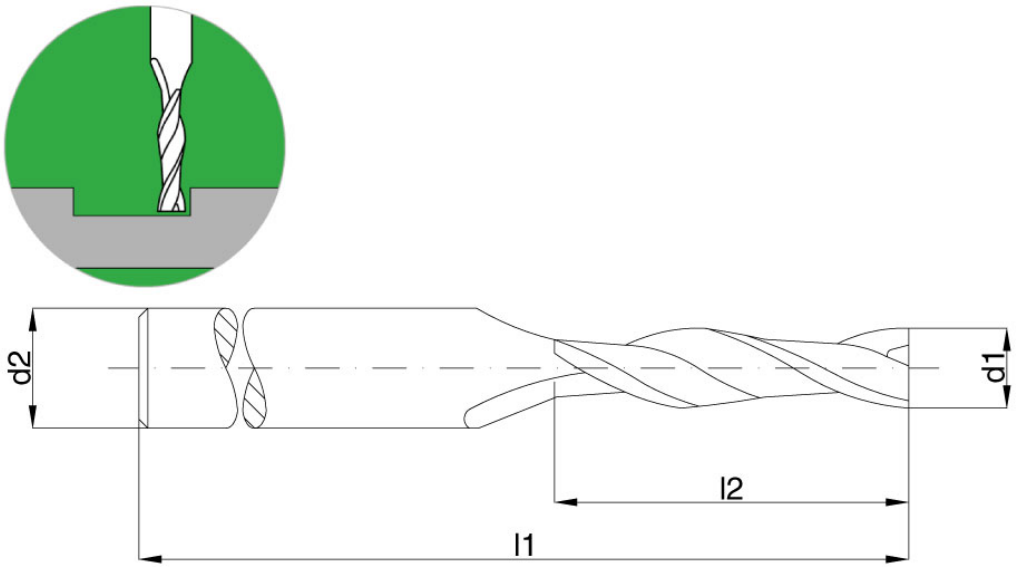

TTM2250450E

Type: Micro-milling cutter

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

Coolant holes	Spiral angle	Cutting edges Z
No	30°	2

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		45 : 75	0.020 - 0.040
P02	Low alloy steels from 800 N/mm2 to 1100 N/mm2		40 : 70	0.020 - 0.040
P03	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		35 : 70	0.020 - 0.040
M01	Ferritic stainless steels		30 : 50	0.015 - 0.035
M02	Martensitic stainless steels		30 : 50	0.015 - 0.035
M03	Martensitic stainless steels - PH		30 : 50	0.015 - 0.035
M04	Austenitic stainless steels		20 : 40	0.015 - 0.035
K01	Gray/lamellar cast iron		20 : 60	0.030 - 0.060
K02	Nodular/nodular cast iron		15 : 40	0.030 - 0.060
N01	Drawn aluminum alloys		100 : 300	0.030 - 0.060
N02	Die-cast aluminum alloys		80 : 250	0.030 - 0.060
N03	Copper		60 : 120	0.030 - 0.060
N04	Brass - Bronze		80 : 140	0.030 - 0.060
N05	Lead-free brass		80 : 140	0.030 - 0.060
S01	Super alloys (Inconel - Hastelloy - Nimonic)		15 : 25	0.025 - 0.045
S02	Pure titanium (Grade 2 - Grade 4)		15 : 25	0.025 - 0.045
S03	Titanium alloys (Grade 5)		15 : 30	0.025 - 0.045
S04	Cobalt Chrome Alloys		30 : 50	0.025 - 0.045
H01	Hardened steels up to 55 HRC		20 : 40	0.005-0.008
H02	Hardened steels from 55 HRC		-	-