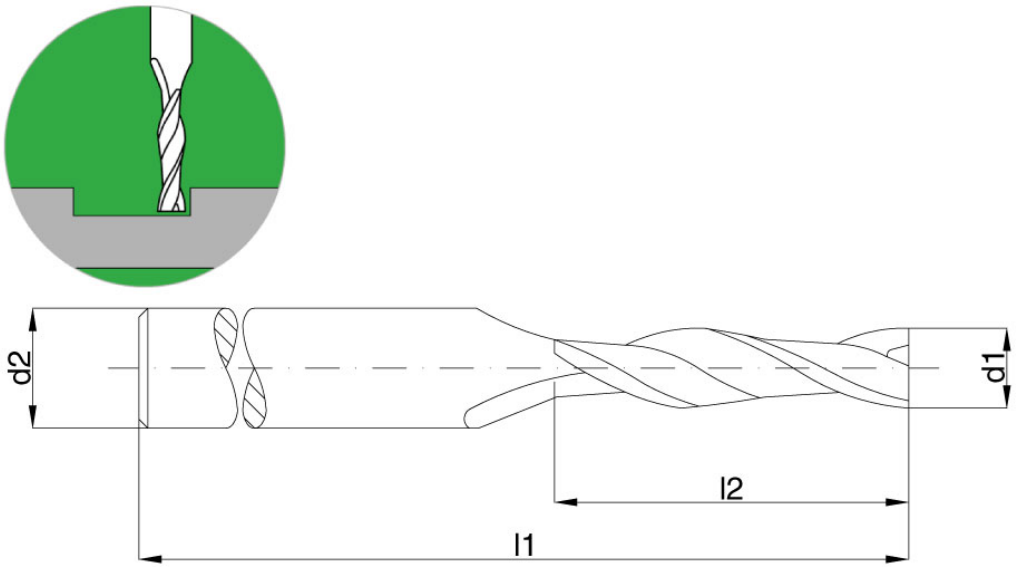

TTM2250158E

Type: Micro-milling cutter

d1	d2	l1	l2
1,58	4,00	40	4,70

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	0.015 - 0.030
P02	Low alloy steels from 800 N/mm2 to 1100 N/mm2		40 : 70	0.015 - 0.030
P03	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		35 : 70	0.015 - 0.030
M01	Ferritic stainless steels		30 : 50	0.010 - 0.030
M02	Martensitic stainless steels		30 : 50	0.010 - 0.030
M03	Martensitic stainless steels - PH		30 : 50	0.010 - 0.030
M04	Austenitic stainless steels		20 : 40	0.010 - 0.030
K01	Gray/lamellar cast iron		20 : 60	0.020 - 0.040
K02	Nodular/nodular cast iron		15 : 40	0.020 - 0.040
N01	Drawn aluminum alloys		100 : 300	0.020 - 0.040
N02	Die-cast aluminum alloys		80 : 250	0.020 - 0.040
N03	Copper		60 : 120	0.020 - 0.040
N04	Brass - Bronze		80 : 140	0.020 - 0.040
N05	Lead-free brass		80 : 140	0.020 - 0.040
S01	Super alloys (Inconel - Hastelloy - Nimonic)		15 : 25	0.015 - 0.03
S02	Pure titanium (Grade 2 - Grade 4)		15 : 25	0.015 - 0.03
S03	Titanium alloys (Grade 5)		15 : 30	0.015 - 0.03
S04	Cobalt Chrome Alloys		30 : 50	0.015 - 0.03
H01	Hardened steels up to 55 HRC		20 : 40	0.004-0.006
H02	Hardened steels from 55 HRC		-	-