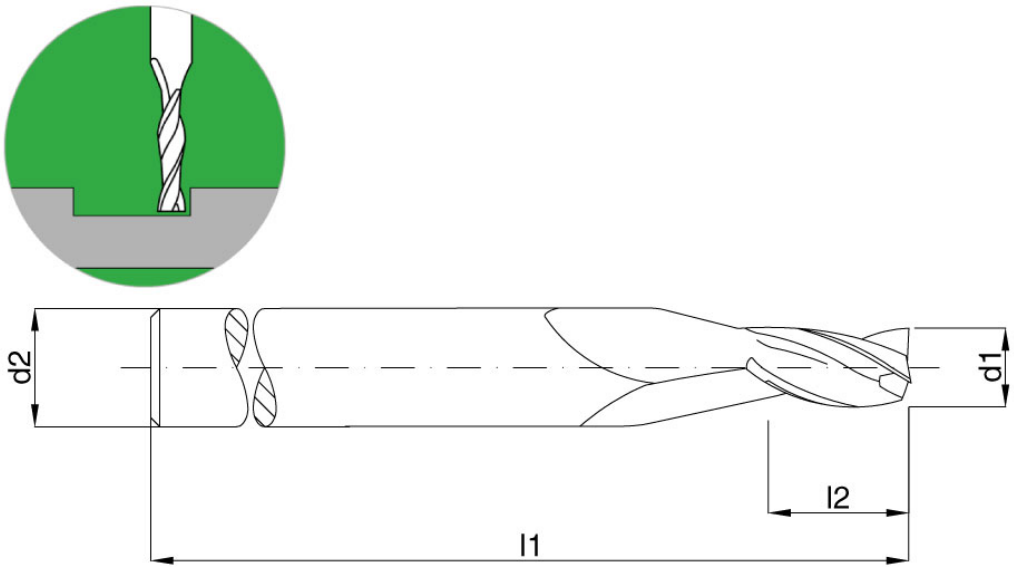

MS32000075

Type: Micro-milling cutter

d1	d2	l1	l2
0,75	3,00	39	1,50

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
		Recommended Part. recommended Not recommended	(m/min)	(mm/dente)
P01	Unalloyed steels up to 800 N/mm2		60 : 90	0.004 - 0.009
P02	Low alloy steels from 800 N/mm2 to 1100 N/mm2		60 : 90	0.004 - 0.009
P03	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		40 : 60	0.004 - 0.009
M01	Ferritic stainless steels		50 : 70	0.003 - 0.008
M02	Martensitic stainless steels		50 : 70	0.003 - 0.008
M03	Martensitic stainless steels - PH		50 : 70	0.003 - 0.008
M04	Austenitic stainless steels		50 : 70	0.003 - 0.008
K01	Gray/lamellar cast iron		90 : 120	0.004 - 0.009
K02	Nodular/nodular cast iron		90 : 120	0.004 - 0.009
N01	Drawn aluminum alloys		200 : 250	0.004 - 0.009
N02	Die-cast aluminum alloys		200 : 250	0.004 - 0.009
N03	Copper		140 : 180	0.004 - 0.009
N04	Brass - Bronze		140 : 180	0.004 - 0.009
N05	Lead-free brass		110 : 160	0.004 - 0.009
S01	Super alloys (Inconel - Hastelloy - Nimonic)		30 : 50	0.003 - 0.008
S02	Pure titanium (Grade 2 - Grade 4)		25 : 35	0.003 - 0.008
S03	Titanium alloys (Grade 5)		30 : 50	0.003 - 0.008
S04	Cobalt Chrome Alloys		30 : 50	0.003 - 0.008
H01	Hardened steels up to 55 HRC		25 : 35	0.002-0.004

Machinable Materials

Cod.	Material type	Machinability	Cutting speed Vc	Advancement per revolution fn
		Recommended Part. recommended Not recommended	(m/min)	(mm/dente)
P01	Unalloyed steels up to 800 N/mm2		60 : 90	0.004 - 0.009
P02	Low alloy steels from 800 N/mm2 to 1100 N/mm2		60 : 90	0.004 - 0.009
P03	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		40 : 60	0.004 - 0.009
M01	Ferritic stainless steels		50 : 70	0.003 - 0.008
M02	Martensitic stainless steels		50 : 70	0.003 - 0.008
M03	Martensitic stainless steels - PH		50 : 70	0.003 - 0.008
M04	Austenitic stainless steels		50 : 70	0.003 - 0.008
K01	Gray/lamellar cast iron		90 : 120	0.004 - 0.009
K02	Nodular/nodular cast iron		90 : 120	0.004 - 0.009
N01	Drawn aluminum alloys		200 : 250	0.004 - 0.009
N02	Die-cast aluminum alloys		200 : 250	0.004 - 0.009
N03	Copper		140 : 180	0.004 - 0.009
N04	Brass - Bronze		140 : 180	0.004 - 0.009
N05	Lead-free brass		110 : 160	0.004 - 0.009
S01	Super alloys (Inconel - Hastelloy - Nimonic)		30 : 50	0.003 - 0.008
S02	Pure titanium (Grade 2 - Grade 4)		25 : 35	0.003 - 0.008
S03	Titanium alloys (Grade 5)		30 : 50	0.003 - 0.008
S04	Cobalt Chrome Alloys		30 : 50	0.003 - 0.008
H01	Hardened steels up to 55 HRC		25 : 35	0.002-0.004
H02	Hardened steels from 55 HRC		-	-