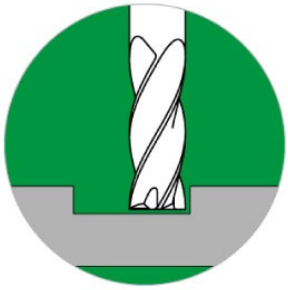

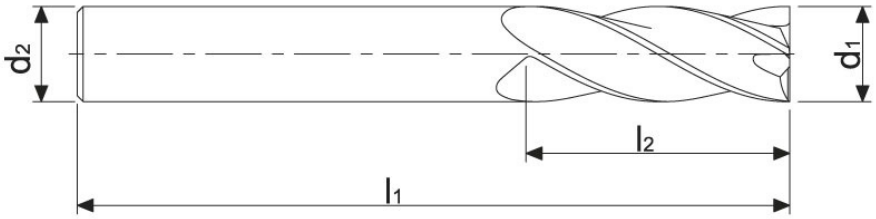

MS141S0040

Type: Endmill with 4 teeth

d1	d2	l1	l2
4,00	4,00	75	40,00

Coolant holes	Cut	Head shape	Spiral angle	Cutting edges Z
No	Right	Flat Center cutting	30°	4

Coated	Coating type	Material	Material type	Norm
No	-	MD	SMG 10	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		80 : 140	0,006 - 0,015
P02	Low alloy steels from 800 N/mm2 to 1100 N/mm2		60 : 100	0,004 - 0,01
P03	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		30 : 60	0,003 - 0,008
M01	Ferritic stainless steels		40 : 80	0,003 - 0,008
M02	Martensitic stainless steels		40 : 80	0,003 - 0,008
M03	Martensitic stainless steels - PH		40 : 80	0,003 - 0,008
M04	Austenitic stainless steels		40 : 80	0,003 - 0,008
K01	Gray/lamellar cast iron		60 : 100	0,004 - 0,01
K02	Nodular/nodular cast iron		60 : 100	0,004 - 0,01
N01	Drawn aluminum alloys		150 : 350	0,006 - 0,012
N02	Die-cast aluminum alloys		100 : 250	0,006 - 0,012
N03	Copper		60 : 100	0,006 - 0,012
N04	Brass - Bronze		60 : 100	0,006 - 0,012
N05	Lead-free brass		50 : 80	0,004 - 0,01
S01	Super alloys (Inconel - Hastelloy - Nimonic)		20 : 50	0,003 - 0,008
S02	Pure titanium (Grade 2 - Grade 4)		20 : 40	0,003 - 0,008
S03	Titanium alloys (Grade 5)		20 : 40	0,003 - 0,008
S04	Cobalt Chrome Alloys		20 : 40	0,002 - 0,006
H01	Hardened steels up to 55 HRC		15 : 30	0,001 - 0,005

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		80 : 140	0,006 - 0,015
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S04	Cobalt Chrome Alloys		20 : 40	0,002 - 0,006
H01	Hardened steels up to 55 HRC		15 : 30	0,001 - 0,005
H02	Hardened steels from 55 HRC		-	-