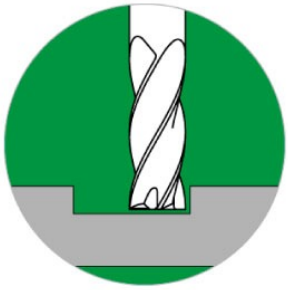

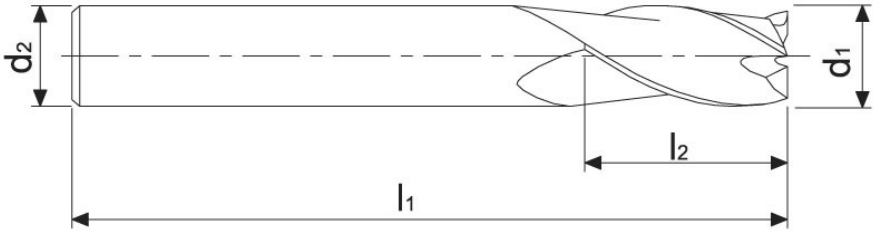

MS13100140

Type: Endmill with 3 teeth

d1	d2	l1	l2
14,00	14,00	83	22,00

Coolant holes	Cut	Head shape	Spiral angle	Cutting edges Z
No	Right	Flat Center cutting	30°	3

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	0,04 - 0,06
P02	Low alloy steels from 800 N/mm2 to 1100 N/mm2		60 : 100	0,03 - 0,05
P03	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		30 : 60	0,02 - 0,04
M01	Ferritic stainless steels		40 : 80	0,02 - 0,04
M02	Martensitic stainless steels		40 : 80	0,02 - 0,04
M03	Martensitic stainless steels - PH		40 : 80	0,02 - 0,04
M04	Austenitic stainless steels		40 : 80	0,02 - 0,04
K01	Gray/lamellar cast iron		60 : 100	0,05 - 0,08
K02	Nodular/nodular cast iron		60 : 100	0,05 - 0,08
N01	Drawn aluminum alloys		150 : 350	0,06 - 0,10
N02	Die-cast aluminum alloys		100 : 250	0,06 - 0,08
N03	Copper		60 : 100	0,06 - 0,08
N04	Brass - Bronze		60 : 100	0,06 - 0,08
N05	Lead-free brass		50 : 80	0,04 - 0,06
S01	Super alloys (Inconel - Hastelloy - Nimonic)		20 : 50	0,02 - 0,04
S02	Pure titanium (Grade 2 - Grade 4)		20 : 40	0,02 - 0,04
S03	Titanium alloys (Grade 5)		20 : 40	0,02 - 0,04
S04	Cobalt Chrome Alloys		20 : 40	0,014 - 0,025
H01	Hardened steels up to 55 HRC		15 : 30	0,01 - 0,015

Machinable Materials				
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S04	Cobalt Chrome Alloys		20 : 40	0,014 - 0,025
H01	Hardened steels up to 55 HRC		15 : 30	0,01 - 0,015
H02	Hardened steels from 55 HRC		-	-