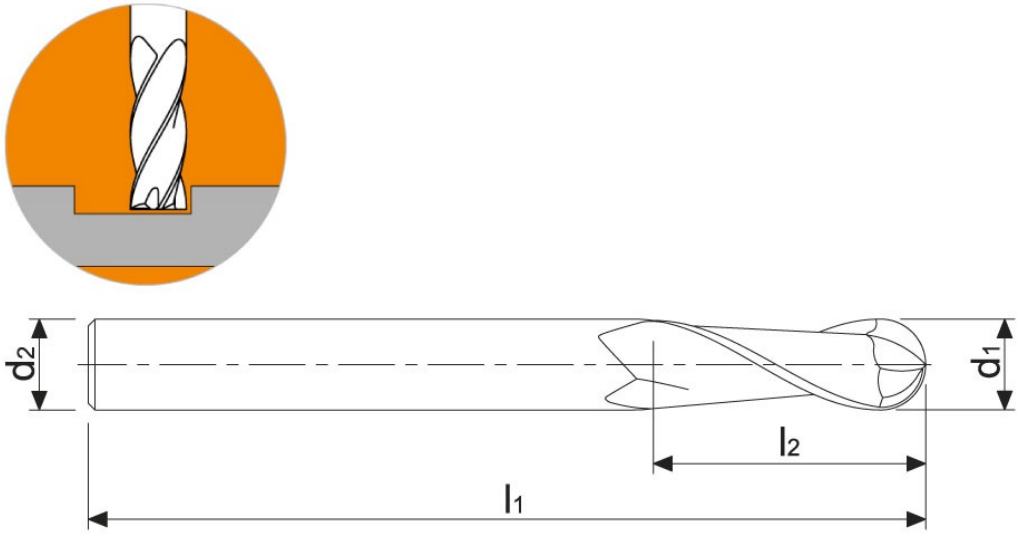

MS123S0100

Type: Ball nose endmill with 2 teeth

d1	d2	l1	l2
10,00	10,00	100	50,00

Coolant holes	Cut	Head shape	Spiral angle	Cutting edges Z
No	Right	Radiused Center cutting	30°	2

Coated	Coating type	Material	Material type	Norm
No	-	MD	SMG 10	DIN 6528

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	0.02 - 0.03
P02	Low alloy steels from 800 N/mm2 to 1100 N/mm2		60 : 100	0.01 - 0.025
P03	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		30 : 60	0.01 - 0.02
M01	Ferritic stainless steels		40 : 80	0.01 - 0.02
M02	Martensitic stainless steels		40 : 80	0.01 - 0.02
M03	Martensitic stainless steels - PH		40 : 80	0,01 - 0,02
M04	Austenitic stainless steels		40 : 80	0,01 - 0,02
K01	Gray/lamellar cast iron		60 : 100	0,02 - 0,04
K02	Nodular/nodular cast iron		60 : 100	0,02 - 0,04
N01	Drawn aluminum alloys		150 : 350	0,02 - 0,05
N02	Die-cast aluminum alloys		100 : 250	0,02 - 0,04
N03	Copper		60 : 100	0,02 - 0,04
N04	Brass - Bronze		60 : 100	0,02 - 0,04
N05	Lead-free brass		50 : 80	0,01 - 0,02
S01	Super alloys (Inconel - Hastelloy - Nimonic)		20 : 50	0,007 - 0,015
S02	Pure titanium (Grade 2 - Grade 4)		20 : 40	0,01 - 0,02
S03	Titanium alloys (Grade 5)		20 : 40	0,01 - 0,02
S04	Cobalt Chrome Alloys		20 : 40	0,007 - 0,010
H01	Hardened steels up to 55 HRC		15 : 30	0,004 - 0,008

Machinable Materials				
Cod.	**Material type**	**Machinability**	**Cutting speed Vc**	**Advancement per revolution fn**
		Recommended **Part. recommended** **Not recommended**	**(m/min)**	**(mm/dente)**
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S04	Cobalt Chrome Alloys		20 : 40	0,007 - 0,010
H01	Hardened steels up to 55 HRC		15 : 30	0,004 - 0,008
H02	Hardened steels from 55 HRC		-	-