




















MS12200035





















Type: Endmill with 2 teeth

d1	d2	l1	l2
3,50	3,50	50	7,00

Coolant holes	Cut	Head shape	Spiral angle	Cutting edges Z
No	Right	Flat 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	0,010 - 0,020
P02	Low alloy steels from 800 N/mm2 to 1100 N/mm2		60 : 100	0,008 - 0,015
P03	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		30 : 60	0,006 - 0,010
M01	Ferritic stainless steels		40 : 80	0,006 - 0,010
M02	Martensitic stainless steels		40 : 80	0,006 - 0,010
M03	Martensitic stainless steels - PH		40 : 80	0,006 - 0,010
M04	Austenitic stainless steels		40 : 80	0,006 - 0,010
K01	Gray/lamellar cast iron		60 : 100	0,010 - 0,020
K02	Nodular/nodular cast iron		60 : 100	0,010 - 0,020
N01	Drawn aluminum alloys		150 : 350	0,010 - 0,020
N02	Die-cast aluminum alloys		100 : 250	0,010 - 0,020
N03	Copper		60 : 100	0,010 - 0,020
N04	Brass - Bronze		60 : 100	0,010 - 0,020
N05	Lead-free brass		50 : 80	0,007 - 0,015
S01	Super alloys (Inconel - Hastelloy - Nimonic)		20 : 50	0,005 - 0,100
S02	Pure titanium (Grade 2 - Grade 4)		20 : 40	0,006 - 0,010
S03	Titanium alloys (Grade 5)		20 : 40	0,006 - 0,010
S04	Cobalt Chrome Alloys		20 : 40	0,005 - 0,008
H01	Hardened steels up to 55 HRC		15 : 30	0,003 - 0,006

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	0,010 - 0,020
P02	Low alloy steels from 800 N/mm2 to 1100 N/mm2		60 : 100	0,008 - 0,015
P03	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		30 : 60	0,006 - 0,010
M01	Ferritic stainless steels		40 : 80	0,006 - 0,010
M02	Martensitic stainless steels		40 : 80	0,006 - 0,010
M03	Martensitic stainless steels - PH		40 : 80	0,006 - 0,010
M04	Austenitic stainless steels		40 : 80	0,006 - 0,010
K01	Gray/lamellar cast iron		60 : 100	0,010 - 0,020
K02	Nodular/nodular cast iron		60 : 100	0,010 - 0,020
N01	Drawn aluminum alloys		150 : 350	0,010 - 0,020
N02	Die-cast aluminum alloys		100 : 250	0,010 - 0,020
N03	Copper		60 : 100	0,010 - 0,020
N04	Brass - Bronze		60 : 100	0,010 - 0,020
N05	Lead-free brass		50 : 80	0,007 - 0,015
S01	Super alloys (Inconel - Hastelloy - Nimonic)		20 : 50	0,005 - 0,100
S02	Pure titanium (Grade 2 - Grade 4)		20 : 40	0,006 - 0,010
S03	Titanium alloys (Grade 5)		20 : 40	0,006 - 0,010
S04	Cobalt Chrome Alloys		20 : 40	0,005 - 0,008
H01	Hardened steels up to 55 HRC		15 : 30	0,003 - 0,006
H02	Hardened steels from 55 HRC		-	-



SWISS HIGH PRECISION TOOLS
