



MTB4101000




















Type: Center drill 90°

d1	d2	l1	l2
10,00	10,00	70	27,00

Coolant holes	Cut	Point angle	Spiral angle	Cutting edges Z
No	Right	90°	18°	2

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/rev)
P01	Unalloyed steels up to 800 N/mm2		40 : 60	0,11 - 0,20
P02	Low alloy steels from 800 N/mm2 to 1100 N/mm2		30 : 50	0,09 - 0,15
P03	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		-	-
M01	Ferritic stainless steels		20 : 40	0,07 - 0,12
M02	Martensitic stainless steels		20 : 40	0,07 - 0,12
M03	Martensitic stainless steels - PH		20 : 40	0,07 - 0,12
M04	Austenitic stainless steels		20 : 40	0,07 - 0,12
K01	Gray/lamellar cast iron		50 : 80	0,07 - 0,12
K02	Nodular/nodular cast iron		30 : 60	0,07 - 0,12
N01	Drawn aluminum alloys		70 : 100	0,12 - 0,25
N02	Die-cast aluminum alloys		70 : 100	0,12 - 0,25
N03	Copper		40 : 80	0,12 - 0,25
N04	Brass - Bronze		40 : 80	0,12 - 0,25
N05	Lead-free brass		30 : 70	0,11 - 0,20
S01	Super alloys (Inconel - Hastelloy - Nimonic)		-	-
S02	Pure titanium (Grade 2 - Grade 4)		25 : 50	0,07 - 0,12
S03	Titanium alloys (Grade 5)		25 : 50	0,07 - 0,12
S04	Cobalt Chrome Alloys		-	-
H01	Hardened steels up to 55 HRC		-	-

Machinable Materials				
Cod.	Material type	Machinability	Cutting speed Vc	Advancement per revolution fn
		Recommended Part. recommended Not recommended	(m/min)	(mm/rev)
P01	Unalloyed steels up to 800 N/mm2		40 : 60	0,11 - 0,20
P02	Low alloy steels from 800 N/mm2 to 1100 N/mm2		30 : 50	0,09 - 0,15
P03	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		-	-
M01	Ferritic stainless steels		20 : 40	0,07 - 0,12
M02	Martensitic stainless steels		20 : 40	0,07 - 0,12
M03	Martensitic stainless steels - PH		20 : 40	0,07 - 0,12
M04	Austenitic stainless steels		20 : 40	0,07 - 0,12
K01	Gray/lamellar cast iron		50 : 80	0,07 - 0,12
K02	Nodular/nodular cast iron		30 : 60	0,07 - 0,12
N01	Drawn aluminum alloys		70 : 100	0,12 - 0,25
N02	Die-cast aluminum alloys		70 : 100	0,12 - 0,25
N03	Copper		40 : 80	0,12 - 0,25
N04	Brass - Bronze		40 : 80	0,12 - 0,25
N05	Lead-free brass		30 : 70	0,11 - 0,20
S01	Super alloys (Inconel - Hastelloy - Nimonic)		-	-
S02	Pure titanium (Grade 2 - Grade 4)		25 : 50	0,07 - 0,12
S03	Titanium alloys (Grade 5)		25 : 50	0,07 - 0,12
S04	Cobalt Chrome Alloys		-	-
H01	Hardened steels up to 55 HRC		-	-
H02	Hardened steels from 55 HRC		-	-



SWISS HIGH PRECISION TOOLS
