



















## TA80300045





















**Type:** Centesimal drill without coolant holes for steel

d1	d2	l1	l2	l3
0,45	3,00	38	3,50	3,90

Coolant holes	Cut	Point angle	Spiral angle	Cutting edges Z
No	Right	130°	35°	2

Coated	Coating type	Material	Material type	Norm
Yes	ALCRONOS	MD	SMG 10	TUSA

Machinable Materials				
Cod.	Material type	Machinability	Cutting speed Vc	Advancement per revolution fn
		<b>Recommended</b> Part. <b>recommended</b> Not <b>recommended</b>	(m/min)	(mm/rev)
<b>P01</b>	Unalloyed steels up to 800 N/mm2		5 : 12	0.003-0.008
<b>P02</b>	Low alloy steels from 800 N/mm2 to 1100 N/mm2		4 : 9	0.002-0.007
<b>P03</b>	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		4 : 7	0.002-0.006
<b>M01</b>	Ferritic stainless steels		4 : 9	0.002-0.005
<b>M02</b>	Martensitic stainless steels		3 : 8	0.002-0.004
<b>M03</b>	Martensitic stainless steels - PH		3 : 8	0.002-0.004
<b>M04</b>	Austenitic stainless steels		3 : 8	0.002-0.004
<b>K01</b>	Gray/lamellar cast iron		5 : 12	0.003-0.008
<b>K02</b>	Nodular/nodular cast iron		4 : 10	0.002-0.007
<b>N01</b>	Drawn aluminum alloys		6 : 19	0.002-0.006
<b>N02</b>	Die-cast aluminum alloys		6 : 17	0.003-0.007
<b>N03</b>	Copper		6 : 15	0.003-0.006
<b>N04</b>	Brass - Bronze		6 : 15	0.002-0.005
<b>N05</b>	Lead-free brass		7 : 18	0.003-0.006
<b>S01</b>	Super alloys (Inconel - Hastelloy - Nimonic)		3 : 7	0.002-0.006
<b>S02</b>	Pure titanium (Grade 2 - Grade 4)		5 : 8	0.002-0.004
<b>S03</b>	Titanium alloys (Grade 5)		5 : 8	0.002-0.004
<b>S04</b>	Cobalt Chrome Alloys		3 : 7	0.002-0.004
<b>H01</b>	Hardened steels up to 55 HRC		3 : 7	0.002-0.004

Machinable Materials				
Cod.	Material type	Machinability	Cutting speed Vc (m/min)	Advancement per revolution fn (mm/rev)
		<b>Recommended</b> Part. <b>recommended</b> Not <b>recommended</b>		
<b>P01</b>	Unalloyed steels up to 800 N/mm2		5 : 12	0.003-0.008
<b>P02</b>	Low alloy steels from 800 N/mm2 to 1100 N/mm2		4 : 9	0.002-0.007
<b>P03</b>	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		4 : 7	0.002-0.006
<b>M01</b>	Ferritic stainless steels		4 : 9	0.002-0.005
<b>M02</b>	Martensitic stainless steels		3 : 8	0.002-0.004
<b>M03</b>	Martensitic stainless steels - PH		3 : 8	0.002-0.004
<b>M04</b>	Austenitic stainless steels		3 : 8	0.002-0.004
<b>K01</b>	Gray/lamellar cast iron		5 : 12	0.003-0.008
<b>K02</b>	Nodular/nodular cast iron		4 : 10	0.002-0.007
<b>N01</b>	Drawn aluminum alloys		6 : 19	0.002-0.006
<b>N02</b>	Die-cast aluminum alloys		6 : 17	0.003-0.007
<b>N03</b>	Copper		6 : 15	0.003-0.006
<b>N04</b>	Brass - Bronze		6 : 15	0.002-0.005
<b>N05</b>	Lead-free brass		7 : 18	0.003-0.006
<b>S01</b>	Super alloys (Inconel - Hastelloy - Nimonic)		3 : 7	0.002-0.006
<b>S02</b>	Pure titanium (Grade 2 - Grade 4)		5 : 8	0.002-0.004
<b>S03</b>	Titanium alloys (Grade 5)		5 : 8	0.002-0.004
<b>S04</b>	Cobalt Chrome Alloys		3 : 7	0.002-0.004
<b>H01</b>	Hardened steels up to 55 HRC		3 : 7	0.002-0.004
<b>H02</b>	Hardened steels from 55 HRC		-	-