

## TWP0000160





















**Type:** Torx pilot drill

d1	d2	d3	l1	l2
1,60	3,00	3,00	39	1,12

Coolant holes	Cut	Point angle	Spiral angle	Cutting edges Z
No	Right	140°	20°	2

Coated	Coating type	Material	Material type	Norm
Yes	TISINOS	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)
<b>P01</b>	Unalloyed steels up to 800 N/mm2		-	-
<b>P02</b>	Low alloy steels from 800 N/mm2 to 1100 N/mm2		-	-
<b>P03</b>	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		-	-
<b>M01</b>	Ferritic stainless steels		20 : 30	0.020 - 0.035
<b>M02</b>	Martensitic stainless steels		20 : 30	0.020 - 0.035
<b>M03</b>	Martensitic stainless steels - PH		20 : 30	0.020 - 0.035
<b>M04</b>	Austenitic stainless steels		-	-
<b>K01</b>	Gray/lamellar cast iron		-	-
<b>K02</b>	Nodular/nodular cast iron		-	-
<b>N01</b>	Drawn aluminum alloys		-	-
<b>N02</b>	Die-cast aluminum alloys		-	-
<b>N03</b>	Copper		-	-
<b>N04</b>	Brass - Bronze		-	-
<b>N05</b>	Lead-free brass		-	-
<b>S01</b>	Super alloys (Inconel - Hastelloy - Nimonic)		20 : 30	0.010 - 0.020
<b>S02</b>	Pure titanium (Grade 2 - Grade 4)		20 : 30	0.010 - 0.020
<b>S03</b>	Titanium alloys (Grade 5)		20 : 30	0.010 - 0.020
<b>S04</b>	Cobalt Chrome Alloys		-	-
<b>H01</b>	Hardened steels up to 55 HRC		-	-

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<b>S04</b>	Cobalt Chrome Alloys		-	-
<b>H01</b>	Hardened steels up to 55 HRC		-	-
<b>H02</b>	Hardened steels from 55 HRC		-	-