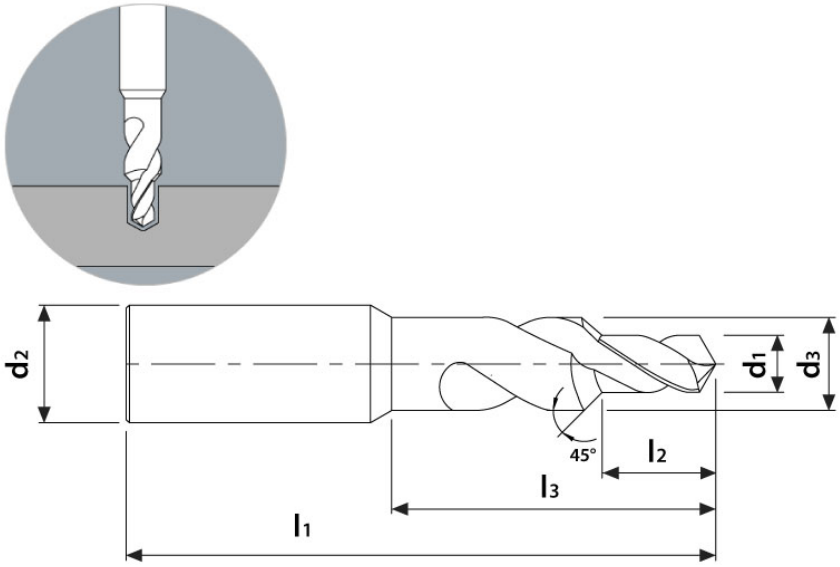

MTB2700080

Type: Pilot drill

d1	d2	d3	l1	l2	l3
0,80	3,00	2,00	53	1,60	4,80

Coolant holes	Cut	Point angle	Spiral angle	Cutting edges Z
No	Right	140°	25°	2

Coated	Coating type	Material	Material type	Norm
Yes	TiAlN	MD	SMG SP	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	🟢	80 : 120	0,050
P02	Low alloy steels from 800 N/mm2 to 1100 N/mm2	🟢	60 : 100	0,045
P03	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2	🟢	40 : 80	0,020
M01	Ferritic stainless steels	🟡	20 : 40	0,008
M02	Martensitic stainless steels	🟡	25 : 50	0,013
M03	Martensitic stainless steels - PH	🟡	20 : 30	0,008
M04	Austenitic stainless steels	🟡	20 : 30	0,008
K01	Gray/lamellar cast iron	🟢	80 : 120	0,050
K02	Nodular/nodular cast iron	🟢	80 : 120	0,050
N01	Drawn aluminum alloys	🟡	150 : 200	0,040
N02	Die-cast aluminum alloys	🟡	150 : 200	0,030
N03	Copper	🟡	80 : 120	0,025
N04	Brass - Bronze	🟡	60 : 100	0,030
N05	Lead-free brass	🟡	100 : 140	0,025
S01	Super alloys (Inconel - Hastelloy - Nimonic)	🟢	20 : 40	0,002
S02	Pure titanium (Grade 2 - Grade 4)	🟢	20 : 40	0,020
S03	Titanium alloys (Grade 5)	🟢	15 : 30	0,025
S04	Cobalt Chrome Alloys	🟢	20 : 40	0,010
H01	Hardened steels up to 55 HRC	🟢	20 : 40	0,006

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H01	Hardened steels up to 55 HRC		20 : 40	0,006
H02	Hardened steels from 55 HRC		15 : 30	0,002