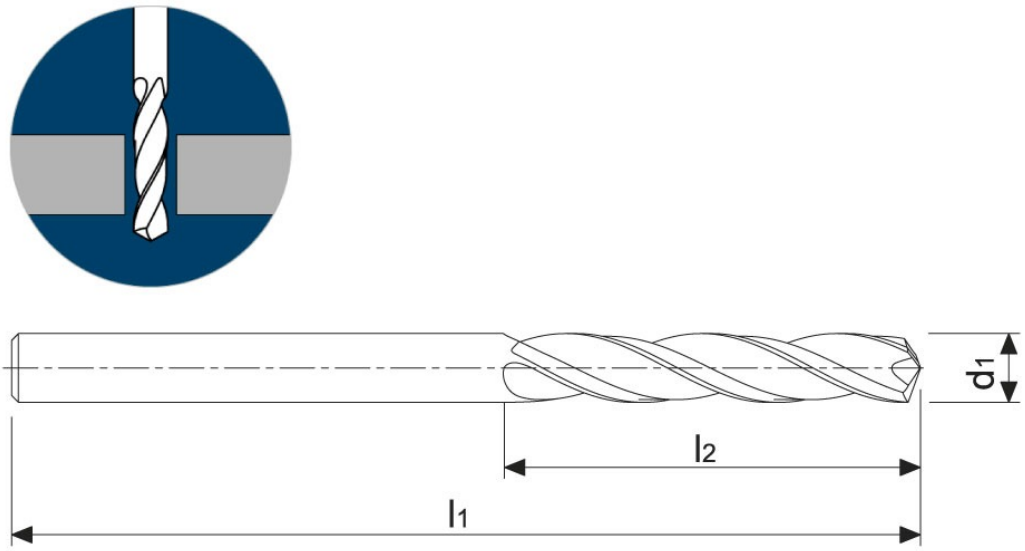

MTB2531100

Type: 3-fluted twist drill

d1	d2	l1	l2
11,00	11,00	95	47,00

Coolant holes	Cut	Point angle	Spiral angle	Cutting edges Z
No	Right	130°	30°	3

Coated	Coating type	Material	Material type	Norm
No	-	MD	SMG 10	DIN 6539

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	0,10 - 0,20
P02	Low alloy steels from 800 N/mm2 to 1100 N/mm2		-	-
P03	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		-	-
M01	Ferritic stainless steels		-	-
M02	Martensitic stainless steels		-	-
M03	Martensitic stainless steels - PH		-	-
M04	Austenitic stainless steels		-	-
K01	Gray/lamellar cast iron		60 : 100	-
K02	Nodular/nodular cast iron		50 : 80	0,09 - 0,15
N01	Drawn aluminum alloys		70 : 150	0,10 - 0,20
N02	Die-cast aluminum alloys		70 : 150	0,10 - 0,20
N03	Copper		50 : 80	0,10 - 0,20
N04	Brass - Bronze		60 : 100	0,10 - 0,20
N05	Lead-free brass		50 : 80	0,08 - 0,17
S01	Super alloys (Inconel - Hastelloy - Nimonic)		-	-
S02	Pure titanium (Grade 2 - Grade 4)		20 : 40	0,07 - 0,10
S03	Titanium alloys (Grade 5)		20 : 40	0,07 - 0,10
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	0,10 - 0,20
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P03	Highly alloyed steels from 1100 N/mm2 to 1400 N/mm2		-	-
M01	Ferritic stainless steels		-	-
M02	Martensitic stainless steels		-	-
M03	Martensitic stainless steels - PH		-	-
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S03	Titanium alloys (Grade 5)		20 : 40	0,07 - 0,10
S04	Cobalt Chrome Alloys		-	-
H01	Hardened steels up to 55 HRC		-	-
H02	Hardened steels from 55 HRC		-	-