

Garant

Solid carbide semi-roughing slot drill MTC, DLC, Ø e8 DC: 10mm



Order data

Order number	205081 10
GTIN	4045197766984
Item class	11X

Description

Version:

With the latest generation of **DLC coating sp²**.

Stable and sharp cutting edges. Dimensions similar to DIN 6527.

Application:

Especially for **MTC (Multi Task Cutting)** use on the new generation of turning / milling centres.

Technical description

Cutting edge Ø D _c	10 mm
Shank	DIN 6535 HA to h6
Tolerance nominal Ø	e8
Shank Ø D _s	10 mm
Feed f _z for side milling in short-chipping aluminium	0.05 mm
No. of teeth Z	2
Overall length L	72 mm
Flute length L _c	25 mm
Feed f _z for slot milling in short-chipping aluminium	0.04 mm
Direction of infeed	horizontal, oblique and vertical
Helix angle	45 degrees
Corner chamfer angle	90 degrees
Coating	DLC

Tool material	solid carbide
Standard	DIN 6527
Milling profile	WF
Cutting width a_e for milling operation	0.5×D for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Machining strategy	MTC
Colour ring	yellow
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	330 m/min	N
Aluminium (short chipping)	suitable	300 m/min	N
Alu > 10% Si	suitable	230 m/min	N
CuZn	suitable only under restricted conditions	260 m/min	N
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable only under restricted conditions		
Air	suitable only under restricted conditions		

Services

Shank grinding Type HB	129100 HB
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