

Garant
Solid carbide semi-roughing slot drill MTC, DLC, Ø e8 DC: 6mm

Order data

Order number	205081 6
GTIN	4045197766960
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	6 mm
Tolerance nominal Ø	e8
Direction of infeed	horizontal, oblique and vertical
Flute length L _c	16 mm
No. of teeth Z	2
Shank	DIN 6535 HA to h6
Overall length L	57 mm
Feed f _z for side milling in short-chipping aluminium	0.03 mm
Feed f _z for slot milling in short-chipping aluminium	0.025 mm
Shank Ø D _s	6 mm
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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