

Garant

Solid carbide semi-roughing slot drill MTC, DLC, Ø e8 DC: 12 mm



Order data

Order number	205081 12
GTIN	4045197766991
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.

Tolerance nominal Ø: e8

No. of teeth Z: 2

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length L_c: 28 mm

Overall length L: 83 mm

Shank Ø D_s: 12 mm

Feed f_z for slot milling in short-chipping aluminium: 0.05 mm

Feed f_z for side milling in short-chipping aluminium: 0.07 mm

Technical description

Cutting edge Ø D _c	12 mm
Shank	DIN 6535 HA to h6
No. of teeth Z	2
Shank Ø D _s	12 mm
Flute length L _c	28 mm

Feed f_z for slot milling in short-chipping aluminium	0.05 mm
Tolerance nominal \varnothing	e8
Feed f_z for side milling in short-chipping aluminium	0.07 mm
Direction of infeed	horizontal, oblique and vertical
Overall length L	83 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 mill

Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB