Garant

Solid carbide roughing slot drill, DLC, ⌀ d11 DC: 4 mm



Order data

Order number	205331 4
GTIN	4045197878823
Item class	11X

Description

Version:
Dimensions similar to DIN 6527.
Knuckle form profile.
Special profile for machining non-ferrous metals.
With the latest generation of **DLC coating sp**^{2}.
Through-coolant: no
Tolerance nominal ⌀: d11
No. of teeth Z: 3
Helix angle: 30 degrees
Direction of infeed: horizontal, oblique and vertical
Shank: DIN 6535 HA to h6
No. of teeth Z: 3
Flute length L_c: 11 mm
Overhang length L_1 incl. recess: 20 mm
Recess ⌀ D_1: 3.8 mm
Overall length L: 57 mm
Shank ⌀ D_s: 6 mm

Technical description

No. of teeth Z	3
Overhang length L_1 incl. recess	20 mm
Overall length L	57 mm
Flute length L_c	11 mm
Direction of infeed	horizontal, oblique and vertical

Corner chamfer width at 45°	0.35 mm
Feed f_z for side milling in short-chipping aluminium	0.045 mm
Shank ⌀ D_s	6 mm
Shank	DIN 6535 HA to h6
Tolerance nominal ⌀	d11
Feed f_z for slot milling in short-chipping aluminium	0.035 mm
Cutting edge ⌀ D_C	4 mm
Recess ⌀ D_1	3.8 mm
Helix angle	30 degrees
Corner chamfer angle	45 degrees
Coating	DLC
Tool material	solid carbide
Standard	Manufacturer's standard
Milling profile	WR
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
Colour ring	yellow
Type of product	End mill

Services

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