

Garant
Solid carbide slot drill, uncoated, Ø e8 DC: 12 mm

Order data

Order number	209320 12
GTIN	4045197478757
Item class	11X

Description
Version:

Special geometry for machining aluminium and plastics.

Application:

Extremely sharp cutting edges, **especially for machining plastics.**

Through-coolant: no

Tolerance nominal Ø: e8

No. of teeth Z: 3

Helix angle: 20 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA with h6

No. of teeth Z: 3

Flute length L_c : 28 mm

Overhang length L_1 incl. recess: 38 mm

Recess Ø D_1 : 11.8 mm

Overall length L: 83 mm

Shank Ø D_s : 12 mm

Technical description

Feed f_z for side milling in PMMA	0.07 mm
No. of teeth Z	3
Overhang length L_1 incl. recess	38 mm
Cutting edge Ø D_c	12 mm
Feed f_z for slot milling in PMMA	0.05 mm
Recess Ø D_1	11.8 mm

Shank $\varnothing D_s$	12 mm
Overall length L	83 mm
Flute length L_c	28 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA with h6
Tolerance nominal \varnothing	e8
Helix angle	20 degrees
Corner chamfer angle	90 degrees
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Cutting width a_e for milling operation	0.5xD for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1xD
Through-coolant	no
Colour ring	yellow
Type of product	End mill

Services

Shank recess Type FRST	209900 FRST
Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB