

Garant
Solid carbide ball nose slot drill, TiAlN, Ø DC: 12 mm

Order data

Order number	207115 12
GTIN	4045197229564
Item class	11X

Description

Solid carbide ball nose slot drill 12 mm No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length L_c : 16 mm

Overhang length L_1 incl. recess: 28 mm

Recess Ø D_1 : 11.8 mm

Overall length L: 73 mm

Shank Ø D_s : 12 mm

Technical description

Cutting edge Ø D_c	12 mm
Feed f_z for copy milling in steel < 900 N/mm ²	0.09 mm
Recess Ø D_1	11.8 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.08 mm
No. of teeth Z	2
Overhang length L_1 incl. recess	28 mm
Shank Ø D_s	12 mm
Overall length L	73 mm
Flute length L_c	16 mm
Helix angle	30 degrees
Radius R	6 mm

Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal \varnothing	f8
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.05×D for copy milling
Cutting width a_e for milling operation	0.05×D for side milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Colour ring	without
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