

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

Order data

Order number	207381 12
GTIN	4045197551894
Item class	11X

Description
Version:

Tolerance: Radius contour = ± 0.01 mm.

No. of teeth Z: 3

Helix angle: 35 degrees

No. of teeth Z: 3

Flute length L_c : 22 mm

Overall length L: 83 mm

Shank $\varnothing D_s$: 12 mm

Feed f_z for side milling in steel < 500 N/mm²: 0.08 mm

Feed f_z for copy milling in steel < 500 N/mm²: 0.09 mm

Technical description

Feed f_z for side milling in steel < 500 N/mm ²	0.08 mm
Cutting edge $\varnothing D_c$	12 mm
No. of teeth Z	3
Feed f_z for copy milling in steel < 500 N/mm ²	0.09 mm
Shank $\varnothing D_s$	12 mm
Overall length L	83 mm
Flute length L_c	22 mm
Helix angle	35 degrees
Radius R	6 mm

Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal \varnothing	e8
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.1×D for copy milling
Cutting width a_e for milling operation	0.5×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