

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

Order data

Order number	207106 12
GTIN	4045197540515
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 $\varnothing D_1$: 11.8 mm
 Overall length L: 73 mm
 Shank $\varnothing D_s$: 12 mm

Technical description

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

Coating	uncoated
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	0.05×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