

Garant
Diabolo solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / DS: 12 mm

Order data

Order number	207342 12
GTIN	4045197599841
Item class	11X

Description
Version:
GARANT Diabolo:

Special geometry, coating and carbide for hard machining.

Tolerance: Radius contour = ± 0.005 mm.

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length L_c : 16 mm

Overall length L: 73 mm

Shank $\varnothing D_s$: 12 mm

Feed f_z for side milling in steel < 65 HRC: 0.08 mm

Feed f_z for copy milling in steel < 65 HRC: 0.08 mm

Technical description

Feed f_z for copy milling in steel < 65 HRC	0.08 mm
Feed f_z for side milling in steel < 65 HRC	0.08 mm
No. of teeth Z	2
Cutting edge $\varnothing D_c$	12 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
Series	Diabolo
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	H
Tolerance nominal \varnothing	f8
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.2×D for side milling
Cutting width a_e for milling operation	0.05×D for copy milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	HPC
Colour ring	red
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