

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

Order data

Order number	207424 12
GTIN	4045197600493
Item class	11X

Description
Version:

Special geometry, coating and carbide for hard machining.

3 end face edges up to the centre. Can therefore be used as a true 3-flute drill in all cutting depths.

Tolerance: Radius contour = **±0.005 mm.**

No. of teeth Z: 3

Helix angle: 30 degrees

No. of teeth Z: 3

Flute length L_c : 22 mm

Overall length L: 120 mm

Shank Ø 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

No. of teeth Z	3
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
Cutting edge Ø D_c	12 mm
Shank Ø D_s	12 mm
Overall length L	120 mm
Flute length L_c	22 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	0.05×D for copy milling
Cutting width a_e for milling operation	0.2×D for side 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