

Garant
Diabolo solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC: 10 mm

Order data

Order number	207372 10
GTIN	4045197600417
Item class	11X

Description
Version:
GARANT Diabolo:

Special geometry, coating and carbide for hard machining.

Taper transition with 1.5° (angle α).

Tolerance: Radius contour = ± 0.005 mm.

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length L_c : 9 mm

Overhang length L_1 incl. recess: 40 mm

Recess $\varnothing D_1$: 9.8 mm

Overall length L: 160 mm

Shank $\varnothing D_s$: 12 mm

Technical description

Overhang length L_1 incl. recess	40 mm
L_2	80 mm
No. of teeth Z	2
Feed f_z for copy milling in steel < 65 HRC	0.07 mm
$\varnothing D_2$	11.9 mm
Cutting edge $\varnothing D_c$	10 mm
Recess $\varnothing D_1$	9.8 mm
Shank $\varnothing D_s$	12 mm

Overall length L	160 mm
Flute length L _c	9 mm
Helix angle	30 degrees
Radius R	5 mm
Series	Diabolo
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	H
Tolerance nominal Ø	f8
Direction of infeed	horizontal, oblique and vertical
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 grinding Type HB	129100 HB