

Garant
Solid carbide high precision ball nose slot drill, DLC, Ø DC: 3 mm

Order data

Order number	207097 3
GTIN	4045197854766
Item class	11X

Description
Version:

With **DLC coating sp²** of the latest generation.

High precision ball nose slot drills in respect of **radius Ø and contour variations within the µm range.**

Tolerances: radius contour = **±0.005 mm.**

For the highest demands on dimensional accuracy of the workpiece.

Note:

Successor product to No. 207095.

No. of teeth Z: 2

Helix angle: 45 degrees

No. of teeth Z: 2

Flute length L_c: 6 mm

Overhang length L₁ incl. recess: 16 mm

Recess Ø D₁: 2.7 mm

Overall length L: 50 mm

Shank Ø D_s: 3 mm

Technical description

Cutting edge Ø D _c	3 mm
Flute length L _c	6 mm
Recess Ø D ₁	2.7 mm
No. of teeth Z	2
Overall length L	50 mm

Shank $\varnothing D_s$	3 mm
Feed f_z for copy milling in short-chipping aluminium	0.03 mm
Overhang length L_1 incl. recess	16 mm
Helix angle	45 degrees
Radius R	1.5 mm
Coating	DLC
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Tolerance nominal \varnothing	-0.007 / 0.002
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.03×D for copy milling
Shank	DIN 6535 HA to h6
Balance quality with shank	G 2.5 with HA
Through-coolant	no
Colour ring	yellow
Type of product	End mill