

**Garant**
**Solid carbide high precision ball nose slot drill, DLC, Ø DC: 10 mm**

**Order data**

Order number	207097 10
GTIN	4045197859556
Item class	11X

**Description**
**Version:**

With **DLC coating sp<sup>2</sup>** 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<sub>c</sub>: 13 mm

Overhang length L<sub>1</sub> incl. recess: 32 mm

Recess Ø D<sub>1</sub>: 9.4 mm

Overall length L: 67 mm

Shank Ø D<sub>s</sub>: 10 mm

**Technical description**

Overhang length L <sub>1</sub> incl. recess	32 mm
Overall length L	67 mm
Cutting edge Ø D <sub>c</sub>	10 mm
No. of teeth Z	2
Feed f <sub>z</sub> for copy milling in short-chipping aluminium	0.08 mm

Flute length $L_c$	13 mm
Shank $\varnothing D_s$	10 mm
Recess $\varnothing D_1$	9.4 mm
Helix angle	45 degrees
Radius R	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

## Services

Shank grinding Type HB	129100 HB
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