

Garant
Solid carbide ball nose slot drill, DLC, Ø f8 DC: 6 mm

Order data

Order number	207443 6
GTIN	4045197591159
Item class	11X

Description
Version:

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

For **high-performance milling of aluminium materials**. 4 centre cutting edges to the centre.

Can therefore be used as a true **4-edge drill** in all cutting depths; for hardened steel.

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

No. of teeth Z: 4

Helix angle: 45 degrees

No. of teeth Z: 4

Flute length L_c: 16 mm

Overhang length L₁ incl. recess: 44 mm

Recess Ø D₁: 5.5 mm

Overall length L: 100 mm

Shank Ø D_s: 6 mm

Technical description

Cutting edge Ø D _c	6 mm
No. of teeth Z	4
Feed f _z for copy milling in cast aluminium	0.06 mm
Recess Ø D ₁	5.5 mm
Overhang length L ₁ incl. recess	44 mm
Shank Ø D _s	6 mm
Overall length L	100 mm
Flute length L _c	16 mm

Helix angle	45 degrees
Radius R	6 mm
Coating	DLC
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Tolerance nominal \varnothing	f8
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	$0.1 \times D$ for copy milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Colour ring	yellow
Type of product	End mill

Services

Shank recess Type FRST	209900 FRST
Shank grinding Type HB	129100 HB