

Garant
Solid carbide ball nose slot drill, DLC, Ø f8 DC: 12 mm

Order data

Order number	207441 12
GTIN	4045197591098
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. Therefore can be used as a true **4-edge drill** at all depths of cut.

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: 38 mm

Recess Ø D₁: 11.4 mm

Overall length L: 73 mm

Shank Ø D_s: 12 mm

Technical description

No. of teeth Z	4
Cutting edge Ø D _c	12 mm
Recess Ø D ₁	11.4 mm
Feed f _z for copy milling in cast aluminium	0.08 mm
Overhang length L ₁ incl. recess	38 mm
Shank Ø D _s	12 mm
Overall length L	73 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 clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB