

**Garant**
**Solid carbide ball nose slot drill 220°, TiAlN, Ø DC: 6 mm**

**Order data**

Order number	207175 6
GTIN	4045197126689
Item class	11X

**Description**
**Version:**

Exact **radius form without profile distortion.**

Double relief ground side clearance angle.

Tolerance: Radius contour = **±0.01 mm.**

With enclosed angle **220°**. Size nominal Ø: **D<sub>c</sub> = f8**

**Note:**

Ground recess after cutter length L<sub>c</sub> is conically increasing.

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Cutter length l<sub>c</sub>: 4 mm

Overhang length L<sub>1</sub> incl. recess: 30 mm

Recess Ø D<sub>1</sub>: 5.9 mm

Overall length L: 100 mm

Shank Ø D<sub>s</sub>: 6 mm

**Technical description**

Feed f <sub>z</sub> for copy milling in steel < 1100 N/mm <sup>2</sup>	0.044 mm
Recess Ø D <sub>1</sub>	5.9 mm
No. of teeth Z	2
Cutter length l <sub>c</sub>	4 mm
Overhang length L <sub>1</sub> incl. recess	30 mm
Cutting edge Ø D <sub>c</sub>	6 mm

Shank $\varnothing D_s$	6 mm
Overall length L	100 mm
Helix angle	30 degrees
Radius R	3 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	H
Tolerance nominal $\varnothing$	f8
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 h5
Through-coolant	no
Colour ring	without
Type of product	End mill

## Services

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