

Garant
Solid carbide ball nose slot drill 220°, TiAlN, Ø DC: 8 mm

Order data

Order number	207175 8
GTIN	4045197126696
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_c = f8**

Note:

Ground recess after cutter length L_c is conically increasing.

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Cutter length l_c: 5.4 mm

Overhang length L₁ incl. recess: 40 mm

Recess Ø D₁: 7.9 mm

Overall length L: 100 mm

Shank Ø D_s: 8 mm

Technical description

Recess Ø D ₁	7.9 mm
No. of teeth Z	2
Cutting edge Ø D _c	8 mm
Feed f _z for copy milling in steel < 1100 N/mm ²	0.052 mm
Overhang length L ₁ incl. recess	40 mm
Cutter length l _c	5.4 mm

Shank $\varnothing D_s$	8 mm
Overall length L	100 mm
Helix angle	30 degrees
Radius R	4 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