

**Garant**
**Solid carbide ball nose slot drill, TiAlN, Ø DC: 1 mm**

**Order data**

Order number	207115 1
GTIN	4045197229458
Item class	11X

**Description**

Solid carbide ball nose slot drill 1 mm No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length  $L_c$ : 2 mm

Overhang length  $L_1$  incl. recess: 3 mm

Recess Ø  $D_1$ : 0.95 mm

Overall length L: 50 mm

Shank Ø  $D_s$ : 6 mm

**Technical description**

Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.006 mm
Feed $f_z$ for copy milling in steel < 900 N/mm <sup>2</sup>	0.006 mm
Recess Ø $D_1$	0.95 mm
Cutting edge Ø $D_c$	1 mm
Overhang length $L_1$ incl. recess	3 mm
No. of teeth Z	2
Shank Ø $D_s$	6 mm
Overall length L	50 mm
Flute length $L_c$	2 mm
Helix angle	30 degrees
Radius R	0.5 mm

Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal $\varnothing$	f8
Direction of infeed	horizontal, oblique and vertical
Cutting width $a_e$ for milling operation	0.05×D for copy milling
Cutting width $a_e$ for milling operation	0.05×D for side milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Colour ring	without
Type of product	End mill

### Services

Shank grinding Type HB	129100 HB
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