

**Garant**
**Solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / D S: 0,5 mm**

**Order data**

Order number	207240 0,5
GTIN	4045197126917
Item class	11X

**Description**
**Version:**

**Precision ground for very high accuracy requirements.**

Tolerance: Radius contour =  $\pm 0.005$  mm.

**Note:**

**Recommended successor product is No. 207242.**

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length  $L_c$ : 1.5 mm

Overall length L: 38 mm

Shank  $\varnothing D_s$ : 3 mm

Feed  $f_z$  for side milling in steel < 1100 N/mm<sup>2</sup>: 0.0044 mm

Feed  $f_z$  for copy milling in steel < 1100 N/mm<sup>2</sup>: 0.005 mm

**Technical description**

No. of teeth Z	2
Cutting edge $\varnothing D_c$	0.5 mm
Feed $f_z$ for copy milling in steel < 1100 N/mm <sup>2</sup>	0.005 mm
Feed $f_z$ for side milling in steel < 1100 N/mm <sup>2</sup>	0.0044 mm
Shank $\varnothing D_s$	3 mm
Overall length L	38 mm
Flute length $L_c$	1.5 mm

Helix angle	30 degrees
Radius R	0.25 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	0.5×D for side milling
Cutting width $a_e$ for milling operation	0.03×D for copy milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	HPC
Colour ring	without
Type of product	End mill