

**Garant**
**Solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / D S: 6/8 mm**

**Order data**

Order number	207320 6/8
GTIN	4045197319906
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. 207246.**

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length  $L_c$ : 10 mm

Overall length L: 120 mm

Shank  $\varnothing D_s$ : 8 mm

Feed  $f_z$  for side milling in steel < 1100 N/mm<sup>2</sup>: 0.044 mm

Feed  $f_z$  for copy milling in steel < 1100 N/mm<sup>2</sup>: 0.051 mm

**Technical description**

No. of teeth Z	2
Cutting edge $\varnothing D_c$	6 mm
Feed $f_z$ for side milling in steel < 1100 N/mm <sup>2</sup>	0.044 mm
Feed $f_z$ for copy milling in steel < 1100 N/mm <sup>2</sup>	0.051 mm
Shank $\varnothing D_s$	8 mm
Overall length L	120 mm
Flute length $L_c$	10 mm
Correction factor for $v_c$	1.25

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	0.5×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

## Services

Shank grinding Type HB	129100 HB
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