

**Garant**
**Solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / DS: 5/6 mm**

**Order data**

Order number	207478 5/6
GTIN	4045197455567
Item class	11X

**Description**
**Version:**

**Special geometry** and **coating** for machining **stainless and acid-resistant steels**. 4 end faces up to the centre. Therefore can be used as a true **4-edge drill** at all depths of cut.

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

**Note:**

**New generation available!** Successor product is No. 207474.

No. of teeth Z: 4

Helix angle: 45 degrees

No. of teeth Z: 4

Flute length  $L_c$ : 9 mm

Overall length L: 80 mm

Shank  $\varnothing D_s$ : 6 mm

Feed  $f_z$  for side milling in INOX < 900 N/mm<sup>2</sup>: 0.012 mm

Feed  $f_z$  for copy milling in stainless steel < 900 N/mm<sup>2</sup>: 0.013 mm

**Technical description**

No. of teeth Z	4
Feed $f_z$ for side milling in INOX < 900 N/mm <sup>2</sup>	0.012 mm
Cutting edge $\varnothing D_c$	5 mm
Feed $f_z$ for copy milling in stainless steel < 900 N/mm <sup>2</sup>	0.013 mm
Shank $\varnothing D_s$	6 mm
Overall length L	80 mm
Flute length $L_c$	9 mm

Correction factor for $v_c$	1.25
Helix angle	45 degrees
Radius R	2.5 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	0.5×D for side milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill

## Services

Shank grinding Type HB	129100 HB
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