

**Garant**
**Solid carbide slot drill HPC, TiAlN, Ø e8 DC: 3 mm**

**Order data**

Order number	201644 3
GTIN	4045197353641
Item class	11X

**Description**
**Version:**

**Double** relief ground **2 chamfers hollow ground** for use in **HPC applications**.

Tolerance nominal Ø: e8

No. of teeth Z: 2

Helix angle: 50 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length  $L_c$ : 8 mm

Overhang length  $L_1$  incl. recess: 15 mm

Recess Ø  $D_1$ : 2.8 mm

Overall length L: 57 mm

Shank Ø  $D_s$ : 6 mm

**Technical description**

Feed $f_z$ for side milling in INOX < 900 N/mm <sup>2</sup>	0.02 mm
Feed $f_z$ for slot milling in stainless steel < 900 N/mm <sup>2</sup>	0.015 mm
Recess Ø $D_1$	2.8 mm
No. of teeth Z	2
Corner chamfer width at 45°	0.04 mm
Cutting edge Ø $D_c$	3 mm
Overhang length $L_1$ incl. recess	15 mm

Shank $\varnothing D_s$	6 mm
Overall length L	57 mm
Flute length $L_c$	8 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Tolerance nominal $\varnothing$	e8
Helix angle	50 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Cutting width $a_e$ for milling operation	0.5xD for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1xD
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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