


**Solid carbide mini slot drill, TiAlN, Ø e8 DC: 4,5 mm**

**Order data**

Order number	201920 4,5
GTIN	4045197114846
Item class	12X

**Description**
**Version:**

**Double relief ground side clearance angle. Centre cutting teeth for plunging.**

Weldon shank **similar to DIN 6535 HB.**

**Note:**
**Save on regrinding costs:**

It is cheaper to use solid carbide mini slot drills to the wear limit than to regrind them.

Cutting width  $a_e$  for milling operation: Full slot cutting depth  $1 \times D$

Tolerance nominal Ø: e8

No. of teeth Z: 3

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 3

Flute length  $L_c$ : 8 mm

Overall length L: 45 mm

Shank Ø  $D_s$ : 6 mm

Shank form: HB

Corner chamfer width at 45°: 0.03 mm

**Technical description**

Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.023 mm
No. of teeth Z	3
Corner chamfer width at 45°	0.03 mm
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.02 mm

Shank form	HB
Cutting edge $\varnothing D_c$	4.5 mm
Shank $\varnothing D_s$	6 mm
Overall length L	45 mm
Flute length $L_c$	8 mm
Direction of infeed	horizontal, oblique and vertical
Correction factor for $v_c$	1.25
Shank	DIN 6535 HB to h6
Tolerance nominal $\varnothing$	e8
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Cutting width $a_e$ for milling operation	0.5×D for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×D
Colour ring	without
Type of product	End mill