



## Solid carbide mini slot drill, TiAlN, Ø e8 DC: 1,7 mm



### Order data

Order number	201920 1,7
GTIN	4045197645883
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 HA to h6

No. of teeth Z: 3

Flute length  $L_c$ : 3 mm

Overall length L: 38 mm

Shank Ø  $D_s$ : 3 mm

Shank form: HA

Corner chamfer width at 45°: 0.02 mm

### Technical description

Shank form	HA
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.005 mm
Corner chamfer width at 45°	0.02 mm
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.006 mm

No. of teeth Z	3
Cutting edge $\varnothing D_c$	1.7 mm
Shank $\varnothing D_s$	3 mm
Overall length L	38 mm
Flute length $L_c$	3 mm
Direction of infeed	horizontal, oblique and vertical
Correction factor for $v_c$	1.25
Shank	DIN 6535 HA 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