


**Solid carbide mini slot drill, TiAlN, Ø h10 DC: 1,8 mm**

**Order data**

Order number	201842 1,8
GTIN	4045197543455
Item class	12X

**Description**
**Version:**

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

**Economy version.**
**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  $\varnothing$ : h10

No. of teeth Z: 3

Helix angle: 30 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 3

Flute length  $L_c$ : 2 mm

Overall length L: 38 mm

Shank  $\varnothing D_s$ : 3 mm

Shank form: HA

Feed  $f_z$  for slot milling in steel  $< 900 \text{ N/mm}^2$ : 0.005 mm

**Technical description**

Feed $f_z$ for side milling in steel $< 900 \text{ N/mm}^2$	0.006 mm
Shank form	HA
No. of teeth Z	3
Cutting edge $\varnothing D_c$	1.8 mm

Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.005 mm
Shank $\varnothing D_s$	3 mm
Overall length L	38 mm
Flute length $L_c$	2 mm
Direction of infeed	horizontal, oblique and vertical
Correction factor for $v_c$	1.25
Shank	DIN 6535 HA to h6
Tolerance nominal $\varnothing$	h10
Helix angle	30 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