


**Solid carbide mini slot drill, TiAlN, Ø h10 DC: 0,5 mm**

**Order data**

Order number	201842 0,5
GTIN	4045197543196
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  $L_c$ : 1.5 mm

Overall length L: 38 mm

Shank  $\varnothing D_s$ : 3 mm

Shank form: HA

Feed  $f_z$  for slot milling in steel  $< 900 \text{ N/mm}^2$ : 0.003 mm

**Technical description**

Cutting edge $\varnothing D_c$	0.5 mm
Feed $f_z$ for slot milling in steel $< 900 \text{ N/mm}^2$	0.003 mm
Feed $f_z$ for side milling in steel $< 900 \text{ N/mm}^2$	0.003 mm
Shank form	HA

No. of teeth Z	3
Shank $\varnothing D_s$	3 mm
Overall length L	38 mm
Flute length $L_c$	1.5 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	$0.5 \times D$ for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth $1 \times D$
Colour ring	without
Type of product	End mill