

**Garant**
**Solid carbide slot drill, TiAlN, Ø DC: 2 mm**

**Order data**

Order number	201630 2
GTIN	4045197264169
Item class	11X

**Description**
**Version:**
**Eccentric relief ground for stronger cutting edges.**

Size 0.25 to 2.5 - with double relief ground side clearance angle.

Tolerance: Size nominal Ø  $D_c = e8$ .

**Application:**
**The intermediate sizes are especially for milling keyway slots.**

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

Tolerance nominal Ø: e8

No. of teeth Z: 2

Helix angle: 30 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length  $L_c$ : 5 mm

Overall length L: 50 mm

Shank Ø  $D_s$ : 3 mm

Shank form: HA

Feed  $f_z$  for slot milling in steel < 900 N/mm<sup>2</sup>: 0.01 mm

**Technical description**

Cutting edge Ø $D_c$	2 mm
Shank form	HA
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.011 mm
No. of teeth Z	2

Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.01 mm
Shank $\varnothing D_s$	3 mm
Overall length L	50 mm
Flute length $L_c$	5 mm
Direction of infeed	horizontal, oblique and vertical
Correction factor for $v_c$	1.25
Shank	DIN 6535 HA to h6
Tolerance nominal $\varnothing$	e8
Helix angle	30 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
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