

Garant
Solid carbide slot drill, TiAlN, Ø DC: 1,8 mm

Order data

Order number	201630 1,8
GTIN	4045197264152
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/mm²: 0.005 mm

Technical description

Shank form	HA
Feed f_z for side milling in steel < 900 N/mm ²	0.006 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.005 mm
No. of teeth Z	2

Cutting edge $\varnothing D_c$	1.8 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