

## Garant

### Solid carbide slot drill DIN 6535 HA, TiAlN, Ø DC: 4,5 mm



#### Order data

Order number	202280 4,5
GTIN	4045197116338
Item class	11X

#### Description

##### Version:

##### Eccentric relief ground.

Dimensions similar to **DIN 6527 long series.**

Tolerance: Size nominal Ø  $D_c = e8$ .

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  $L_c$ : 13 mm

Overhang length  $L_1$  incl. recess: 21 mm

Recess Ø  $D_1$ : 4.3 mm

Overall length L: 57 mm

Shank Ø  $D_s$ : 6 mm

#### Technical description

Recess Ø $D_1$	4.3 mm
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.02 mm
Overhang length $L_1$ incl. recess	21 mm
No. of teeth Z	3
Corner chamfer width at 45°	0.1 mm

Feed $f_z$ for side milling in steel $< 900 \text{ N/mm}^2$	0.023 mm
Cutting edge $\varnothing D_c$	4.5 mm
Shank $\varnothing D_s$	6 mm
Overall length L	57 mm
Flute length $L_c$	13 mm
Direction of infeed	horizontal, oblique and vertical
Correction factor for $v_c$	1.5
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	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

## Services

Shank grinding Type HB	129100 HB
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