

**Garant**
**Solid carbide slot drill DIN 6535 HA, TiAlN, Ø DC: 18 mm**

**Order data**

Order number	202280 18
GTIN	4045197116482
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  $L_c$ : 32 mm

Overhang length  $L_1$  incl. recess: 44 mm

Recess Ø  $D_1$ : 17.7 mm

Overall length L: 92 mm

Shank Ø  $D_s$ : 18 mm

**Technical description**

Overhang length $L_1$ incl. recess	44 mm
Recess Ø $D_1$	17.7 mm
Corner chamfer width at 45°	0.1 mm
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.08 mm
Cutting edge Ø $D_c$	18 mm

Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.1 mm
No. of teeth Z	3
Shank $\varnothing D_s$	18 mm
Overall length L	92 mm
Flute length $L_c$	32 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 recess Type FRST	209900 FRST
Shank grinding Type HB	129100 HB