

Garant

Solid carbide slot drill DIN 6535 HA, TiAlN, Ø DC: 14 mm



Order data

Order number	202280 14
GTIN	4045197116468
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 : 26 mm

Overhang length L_1 incl. recess: 38 mm

Recess Ø D_1 : 13.8 mm

Overall length L: 83 mm

Shank Ø D_s : 14 mm

Technical description

Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.06 mm
Cutting edge Ø D_c	14 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.08 mm
Recess Ø D_1	13.8 mm
Corner chamfer width at 45°	0.1 mm

Overhang length L_1 incl. recess	38 mm
No. of teeth Z	3
Shank $\varnothing D_s$	14 mm
Overall length L	83 mm
Flute length L_c	26 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
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