

Garant
Solid carbide slot drill DIN 6535 HA, TiAlN, Ø DC: 12 mm

Order data

Order number	202280 12
GTIN	4045197116451
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 : 11.8 mm

Overall length L: 83 mm

Shank Ø D_s : 12 mm

Technical description

Feed f_z for side milling in steel < 900 N/mm ²	0.08 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.06 mm
No. of teeth Z	3
Cutting edge Ø D_c	12 mm
Corner chamfer width at 45°	0.1 mm

Overhang length L_1 incl. recess	38 mm
Recess $\varnothing D_1$	11.8 mm
Shank $\varnothing D_s$	12 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
Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB