

Garant
Solid carbide slot drill DIN 6535 HA, TiAlN, Ø e8 DC: 16 mm

Order data

Order number	202170 16
GTIN	4045197454720
Item class	11X

Description
Version:
Eccentric relief ground.

Dimensions similar to DIN 6527.

Tolerance: Size nominal Ø $D_c = e8$.

Through-coolant: no

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 : 22 mm

Overhang length L_1 incl. recess: 32 mm

Recess Ø D_1 : 15.5 mm

Overall length L: 82 mm

Shank Ø D_s : 16 mm

Technical description

Feed f_z for slot milling in steel < 900 N/mm ²	0.08 mm
Recess Ø D_1	15.5 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.1 mm
Cutting edge Ø D_c	16 mm
Overhang length L_1 incl. recess	32 mm

No. of teeth Z	3
Shank $\varnothing D_s$	16 mm
Overall length L	82 mm
Flute length L_c	22 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	45 degrees
Corner chamfer angle	90 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Cutting width a_e for milling operation	0.5xD for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1xD
Through-coolant	no
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 16 mm	SZ2025 16
Shank grinding Type HB	129100 HB