



Solid carbide slot drill, TiAlN, Ø DC: 16 mm



Order data

Order number	201645 16
GTIN	4045197229090
Item class	11X

Description

Version:

Eccentric relief ground for stronger cutting edges.

Dimensions similar to DIN 6527.

Through-coolant: no

Tolerance nominal Ø: e8

No. of teeth Z: 2

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Schaft: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length L_3 : 32 mm

Overhang L_4 incl. recess: 44 mm

Recess Ø D_4 : 15.7 mm

Overall length L_{tot} : 92 mm

Shank Ø: 16 mm

Technical description

Recess Ø D_4	15.7 mm
No. of teeth Z	2
Corner chamfer width at 45°	0.1 mm
Feed f_z for side milling in steel < 750 N/mm ²	0.1 mm
Overhang L_4 incl. recess	44 mm
Cutter Ø D_c	16 mm

Feed f_z for slot milling in steel $< 750 \text{ N/mm}^2$	0.08 mm
Shank \varnothing	16 mm
Overall length L_{tot}	92 mm
Flute length L_s	32 mm
Direction of infeed	horizontal, oblique and vertical
Skaft	DIN 6535 HA to h6
Tolerance nominal \varnothing	e8
Correction factor f_z	1.25
Helix angle	45 degrees
maximum cutting depth $a_{p \text{ max}}$ when side milling	32 mm
maximum cutting depth $a_{p \text{ max}}$ when slot milling from solid	8 mm
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide
Norm	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
Shank tolerance	h6
Colour ring	green

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