



Solid carbide slot drill, TiAlN, Ø DC: 6 mm



Order data

Order number	201645 6
GTIN	4045197229052
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 : 13 mm

Overhang L_4 incl. recess: 21 mm

Recess Ø D_4 : 5.8 mm

Overall length L_{tot} : 57 mm

Shank Ø: 6 mm

Technical description

Feed f_z for slot milling in steel < 750 N/mm ²	0.03 mm
Overhang L_4 incl. recess	21 mm
Feed f_z for side milling in steel < 750 N/mm ²	0.033 mm
No. of teeth Z	2
Cutter Ø D_c	6 mm
Recess Ø D_4	5.8 mm

Corner chamfer width at 45°	0.1 mm
Shank Ø	6 mm
Overall length L_{tot}	57 mm
Flute length L_s	13 mm
Direction of infeed	horizontal, oblique and vertical
Skaft	DIN 6535 HA to h6
Tolerance nominal Ø	e8
Correction factor f_z	1.25
Helix angle	45 degrees
maximum cutting depth $a_{p_{max}}$ when side milling	13 mm
maximum cutting depth $a_{p_{max}}$ when slot milling from solid	3 mm
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide
Norm	DIN 6527
Type	N
Cutting width a_e for milling operation	0.5×D for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Shank tolerance	h6
Colour ring	green

Services

Shank recess Type FRST	209900 FRST
Shank grinding Type HB	129100 HB