


Solid carbide slot drill, TiAlN, Ø DC: 10 mm

Order data

Order number	201645 10
GTIN	4045197229076
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 : 22 mm

Overhang L_4 incl. recess: 32 mm

Recess Ø D_4 : 9.8 mm

Overall length L_{tot} : 72 mm

Shank Ø: 10 mm

Technical description

Cutter Ø D_c	10 mm
No. of teeth Z	2
Overhang L_4 incl. recess	32 mm
Recess Ø D_4	9.8 mm
Corner chamfer width at 45°	0.1 mm
Feed f_z for side milling in steel < 750 N/mm ²	0.06 mm

Feed f_z for slot milling in steel $< 750 \text{ N/mm}^2$	0.05 mm
Shank $\varnothing$	10 mm
Overall length L_{tot}	72 mm
Flute length L_s	22 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 slot milling from solid	5 mm
maximum cutting depth $a_{p \text{ max}}$ when side milling	22 mm
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide
Norm	DIN 6527
Type	N
Cutting width a_e for milling operation	$0.5 \times D$ for side milling
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Shank tolerance	h6
Colour ring	green

Services

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