



Solid carbide slot drill, TiAlN, Ø DC: 3 mm



Order data

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| Order number | 201645 3 |
| GTIN | 4045197229021 |
| 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 : 8 mm

Overhang L_4 incl. recess: 15 mm

Recess Ø D_4 : 2.8 mm

Overall length L_{tot} : 57 mm

Shank Ø: 6 mm

Technical description

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| Recess Ø D_4 | 2.8 mm |
| Overhang L_4 incl. recess | 15 mm |
| Feed f_z for side milling in steel < 750 N/mm ² | 0.011 mm |
| Cutter Ø D_c | 3 mm |
| Corner chamfer width at 45° | 0.1 mm |
| Feed f_z for slot milling in steel < 750 N/mm ² | 0.01 mm |

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|--|----------------------------------|
| No. of teeth Z | 2 |
| Shank Ø | 6 mm |
| Overall length L_{tot} | 57 mm |
| Flute length L_s | 8 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 | 8 mm |
| maximum cutting depth $a_{p,max}$ when slot milling from solid | 1.5 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

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|------------------------|-----------|
| Shank grinding Type HB | 129100 HB |
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