

Garant
Solid carbide slot drill HPC, TiAlN, Ø e8 DC: 4 mm

Order data

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| Order number | 201644 4 |
| GTIN | 4045197353658 |
| Item class | 11X |

Description
Version:

Double relief ground **2 chamfers hollow ground** for use in **HPC applications**.

Tolerance nominal Ø: e8

No. of teeth Z: 2

Helix angle: 50 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length L_c : 11 mm

Overhang length L_1 incl. recess: 15 mm

Recess Ø D_1 : 3.8 mm

Overall length L: 57 mm

Shank Ø D_s : 6 mm

Technical description

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| Recess Ø D_1 | 3.8 mm |
| Feed f_z for slot milling in stainless steel < 900 N/mm ² | 0.018 mm |
| Feed f_z for side milling in INOX < 900 N/mm ² | 0.022 mm |
| Overhang length L_1 incl. recess | 15 mm |
| Cutting edge Ø D_c | 4 mm |
| No. of teeth Z | 2 |
| Corner chamfer width at 45° | 0.05 mm |

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|---|----------------------------------|
| Shank $\varnothing D_s$ | 6 mm |
| Overall length L | 57 mm |
| Flute length L_c | 11 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 6535 HA to h6 |
| Tolerance nominal \varnothing | e8 |
| Helix angle | 50 degrees |
| Corner chamfer angle | 45 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 |
| Machining strategy | HPC |
| Colour ring | blue |
| Type of product | End mill |

Services

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