

Garant
Solid carbide ball nose slot drill MTC, TiAlN, Ø f8 DC: 5 mm

Order data

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| Order number | 207450 5 |
| GTIN | 4045197128676 |
| Item class | 11X |

Description
Version:

Ball nose slot drills with corrected cutting form, without profile distortion. With double relief ground side clearance angle.

Tolerance: Radius contour = ± 0.005 mm.

Application:

Especially for **MTC (Multi Task Cutting)** use on the new generation of turning / milling centres.

Note:

NEW GENERATION AVAILABLE! Recommended successor product is No. 207490.

No. of teeth Z: 4

Helix angle: 45 degrees

No. of teeth Z: 4

Flute length L_c : 9 mm

Overall length L: 54 mm

Shank $\varnothing D_s$: 5 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.03 mm

Feed f_z for copy milling in steel < 900 N/mm²: 0.037 mm

Technical description

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|--|----------|
| Feed f_z for copy milling in steel < 900 N/mm ² | 0.037 mm |
| No. of teeth Z | 4 |
| Cutting edge $\varnothing D_c$ | 5 mm |
| Feed f_z for side milling in steel < 900 N/mm ² | 0.03 mm |
| Shank $\varnothing D_s$ | 5 mm |

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|--|----------------------------------|
| Overall length L | 54 mm |
| Flute length L _c | 9 mm |
| Helix angle | 45 degrees |
| Radius R | 2.5 mm |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | DIN 6527 |
| Type | N |
| Tolerance nominal Ø | f8 |
| Direction of infeed | horizontal, oblique and vertical |
| Cutting width a _e for milling operation | 0.03×D for copy milling |
| Cutting width a _e for milling operation | 0.3×D for side milling |
| Shank | DIN 6535 HA to h6 |
| Through-coolant | no |
| Machining strategy | MTC |
| Colour ring | without |
| Type of product | End mill |

Services

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|------------------------|-------------|
| Shank recess Type FRST | 209900 FRST |
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