

Garant
Ball nose slot drill HSS-PM, TiAlN, Ø e8 DC: 4 mm

Order data

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|--------------|---------------|
| Order number | 194302 4 |
| GTIN | 4045197110053 |
| Item class | 11W |

Description
Version:

Centre cutting edge geometry for plunging.
For the most demanding metal removal rates.

Note:

For milling concave slots or for milling radius transitions.
Suitable for use as a copy mill and for mould making.

f_z for a_p 0.05×D.

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length L_c : 7 mm

Overall length L: 51 mm

Shank Ø D_s : 6 mm

Feed f_z for copy milling in steel < 750 N/mm²: 0.012 mm

Technical description

| | |
|--|----------|
| Feed f_z for copy milling in steel < 750 N/mm ² | 0.012 mm |
| No. of teeth Z | 2 |
| Cutting edge Ø D_c | 4 mm |
| Shank Ø D_s | 6 mm |
| Overall length L | 51 mm |
| Flute length L_c | 7 mm |

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|---|----------------------------------|
| Helix angle | 30 degrees |
| Radius R | 2 mm |
| Coating | TiAlN |
| Tool material | HSS PM |
| Type | N |
| Tolerance nominal \varnothing | e8 |
| Direction of infeed | horizontal, oblique and vertical |
| Cutting width a_e for milling operation | 0.05×D for copy milling |
| Shank | DIN 1835 B to h6 |
| Through-coolant | no |
| Colour ring | without |
| Type of product | End mill |