


TMSERROR, Ø h10 DC: 5mm

Order data

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| Order number | GG1125 5 |
| GTIN | 4045197736048 |
| Item class | GGN |

Description

Version:
Same as No. 207125.

Technical description

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|---|------------|
| Feed f_z for copy milling in steel $< 900 \text{ N/mm}^2$ | 0.025 mm |
| Shank $\varnothing D_s$ | 6 mm |
| No. of teeth Z | 2 |
| Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$ | 0.023 mm |
| Flute length L_c | 9 mm |
| Cutting edge $\varnothing D_c$ | 5 mm |
| Overall length L | 54 mm |
| Helix angle | 30 degrees |
| Radius R | 2.5 mm |
| Contents | 5 |
| Coating | TiAlN |

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|---|----------------------------------|
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | N |
| Tolerance nominal \varnothing | h10 |
| Direction of infeed | horizontal, oblique and vertical |
| Cutting width a_e for milling operation | 0.5×D for side milling |
| Cutting width a_e for milling operation | 0.05×D for copy milling |
| Shank | DIN 6535 HA to h6 |
| Type of product | Ball-nosed slot drill |

User data

| | Suitability | V_c | ISO code |
|--------------------------------|---|-----------|----------|
| Aluminium (short chipping) | suitable only under restricted conditions | 350 m/min | N |
| Alu > 10% Si | suitable only under restricted conditions | 250 m/min | N |
| Steel < 500 N/mm ² | suitable | 160 m/min | P |
| Steel < 750 N/mm ² | suitable | 140 m/min | P |
| Steel < 900 N/mm ² | suitable | 130 m/min | P |
| Steel < 1100 N/mm ² | suitable | 80 m/min | P |
| Steel < 1400 N/mm ² | suitable | 70 m/min | P |
| Steel < 55 HRC | suitable | 50 m/min | H |
| INOX < 900 N/mm ² | suitable | 80 m/min | M |
| INOX > 900 N/mm ² | suitable only under restricted conditions | 70 m/min | M |
| GG(G) | suitable | 120 m/min | K |
| CuZn | suitable only under restricted conditions | 320 m/min | N |
| Uni | suitable | | |
| wet maximum | suitable | | |

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|-------------|---|
| wet minimum | suitable only under restricted conditions |
| dry | suitable only under restricted conditions |
| Air | Suitable only under restricted conditions |

Accessories

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|--|----------|
| Solid carbide ball nose slot drill Ø DC 5 mm | 207125 5 |
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