

Garant
Torus milling head HPC, HB7820, Ø D h10 / R: 12/2 mm

Order data

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|--------------|---------------|
| Order number | 210255 12/2 |
| GTIN | 4045197607515 |
| Item class | 21M |

Description
Note:

Standard application values for slots milled from solid at $a_{p\ max} \leq 0.5 \times D$.

Head length l: 16 mm

Flute length L_2 : 9 mm

Corner radius: 2 mm

Feed f_z for slot milling in short-chipping aluminium: 0.11 mm

Feed f_z for side milling in short-chipping aluminium: 0.13 mm

Technical description

| | |
|---|-------------------------|
| Flute length L_2 | 9 mm |
| Head length l | 16 mm |
| Milling head Ø D | 12 mm |
| Feed f_z for side milling in short-chipping aluminium | 0.13 mm |
| Feed f_z for slot milling in short-chipping aluminium | 0.11 mm |
| Corner radius | 2 mm |
| Arbor size | 16 mm |
| Grade | HB7820 |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |

| | |
|---|--------------------------------------|
| Type | W |
| Number of cutting edges Z | 3 |
| Helix angle | 42 degrees |
| Direction of infeed | horizontal, oblique and vertical |
| Cutting width a_e for milling operation | Full slot cutting depth $1 \times D$ |
| Cutting width a_e for milling operation | Full slot cutting depth $1 \times D$ |
| Machining strategy | HPC |
| Through-coolant | yes |
| Type of product | Cutter insert for milling |