

Garant
Solid carbide torus cutter HPC, ZOX, Ø f8 DC / R1: 12/0,5 mm

Order data

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|--------------|---------------|
| Order number | 206260 12/0,5 |
| GTIN | 4045197300935 |
| Item class | 11X |

Description
Version:

With strong core, **special chip breaker recesses** and **large polished flutes**.
New generation of high performance end mills in the HPC machining range.

Application:

Especially for **high speed machining** in **mould and tool making** for **copy milling**.

Note:

NEW GENERATION AVAILABLE! Recommended successor product is No. 206255.

No. of teeth Z: 3

Helix angle: 45 degrees

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 3

Flute length L_c : 26 mm

Corner radius R_1 : 0.5 mm

Overhang length L_1 incl. recess: 36 mm

Recess $\varnothing D_1$: 11 mm

Overall length L: 83 mm

Technical description

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|---|---------|
| No. of teeth Z | 3 |
| Feed f_z for copy milling in short-chipping aluminium | 0.07 mm |
| Feed f_z for side milling in short-chipping aluminium | 0.07 mm |
| Corner radius R_1 | 0.5 mm |
| Recess $\varnothing D_1$ | 11 mm |

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|---|----------------------------------|
| Cutting edge $\varnothing D_c$ | 12 mm |
| Overhang length L_1 incl. recess | 36 mm |
| Shank $\varnothing D_s$ | 12 mm |
| Flute length L_c | 26 mm |
| Overall length L | 83 mm |
| Balance quality with shank | G 2.5 with HA |
| Shank | DIN 6535 HA to h6 |
| Helix angle | 45 degrees |
| Coating | ZOX |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | W |
| Tolerance nominal \varnothing | f8 |
| Helix angle characteristic | unequal spacing |
| Spacing of the cutters | unequal spacing |
| Direction of infeed | horizontal, oblique and vertical |
| Cutting width a_e for milling operation | $0.3 \times D$ for side milling |
| Cutting width a_e for milling operation | $0.03 \times D$ for copy milling |
| Through-coolant | no |
| Machining strategy | HPC |
| Shank tolerance | h6 |
| Colour ring | yellow |
| Type of product | End mill |

Services

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|---|-------------|
| Shank recess Type FRST | 209900 FRST |
| Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm | SZ2025 12 |
| Shank grinding Type HB | 129100 HB |

