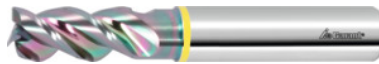


Garant

Solid carbide milling cutter MTC, DLC, Ø DC: 10M mm



Order data

| | |
|--------------|---------------|
| Order number | 202272 10M |
| GTIN | 4045197764607 |
| Item class | 11X |

Description

Version:

With the latest generation of **DLC coating sp²**.

Eccentric relief ground, additionally **polish ground** in the flutes for **outstanding chip evacuation** in long-chipping aluminium components.

Without 45° corner chamfer.

Lengths similar to **DIN 6527 long**.

Size 1–2 – tolerance: Size nominal Ø $D_c = e8$.

Size 2.5–20M – tolerance: Size nominal Ø $D_c = h6$.

Application:

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

Tolerance nominal Ø: h6

No. of teeth Z: 3

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 3

Flute length L_c : 30 mm

Overhang length L_1 incl. recess: 38 mm

Recess Ø D_1 : 9.2 mm

Overall length L: 80 mm

Shank Ø D_s : 10 mm

Technical description

| | |
|----------------------------|---------------|
| Balance quality with shank | G 2.5 with HA |
|----------------------------|---------------|

| | |
|---|----------------------------------|
| Overall length L | 80 mm |
| Shank $\varnothing D_s$ | 10 mm |
| Shank | DIN 6535 HA to h6 |
| Tolerance nominal \varnothing | h6 |
| Direction of infeed | horizontal, oblique and vertical |
| Feed f_z for side milling in short-chipping aluminium | 0.05 mm |
| Recess $\varnothing D_1$ | 9.2 mm |
| No. of teeth Z | 3 |
| Cutting edge $\varnothing D_c$ | 10 mm |
| Shank form | HA |
| Feed f_z for slot milling in short-chipping aluminium | 0.04 mm |
| Overhang length L_1 incl. recess | 38 mm |
| Flute length L_c | 30 mm |
| Helix angle | 45 degrees |
| Corner chamfer angle | 90 degrees |
| Coating | DLC |
| Tool material | Solid carbide |
| Standard | DIN 6527 |
| Type | W |
| Helix angle characteristic | unequal spacing |
| Cutting width a_e for milling operation | 0.5×D for side milling |
| Cutting width a_e for milling operation | Full slot cutting depth 1×D |
| Through-coolant | no |
| Machining strategy | MTC |
| Colour ring | yellow |
| Type of product | End mill |

Services

| | |
|------------------------|-----------|
| Shank grinding Type HB | 129100 HB |
|------------------------|-----------|

