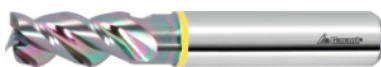


Garant

Solid carbide milling cutter MTC, DLC, Ø DC: 5,5 mm



Order data

| | |
|--------------|---------------|
| Order number | 202272 5,5 |
| GTIN | 4045197861146 |
| 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

No. of teeth Z: 3

Flute length L_c : 13 mm

Overhang length L_1 incl. recess: 19 mm

Recess Ø D_1 : 5.2 mm

Overall length L: 57 mm

Shank Ø D_s : 6 mm

Technical description

| | |
|---------------------|--------|
| Recess Ø D_1 | 5.2 mm |
| Tolerance nominal Ø | h6 |

| | |
|---|--------------------------------------|
| Shank $\varnothing D_s$ | 6 mm |
| Feed f_z for side milling in short-chipping aluminium | 0.02 mm |
| Overhang length L_1 incl. recess | 19 mm |
| No. of teeth Z | 3 |
| Direction of infeed | horizontal, oblique and vertical |
| Feed f_z for slot milling in short-chipping aluminium | 0.015 mm |
| Overall length L | 57 mm |
| Shank form | HA |
| Shank | DIN 6535 HA to h6 |
| Flute length L_c | 13 mm |
| Cutting edge $\varnothing D_c$ | 5.5 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 | $0.5 \times D$ for side milling |
| Cutting width a_e for milling operation | Full slot cutting depth $1 \times D$ |
| Through-coolant | no |
| Machining strategy | MTC |
| Colour ring | yellow |
| Type of product | End mill |

Services

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