**ᚹ Hoffmann Group**

**Garant**

## Solid carbide milling cutter MTC, DLC, Ø h6 DC: 8 mm



---

## Order data

| Order number | 202274 8 |
|---|---|
| GTIN | 4045197655097 |
| Item class | 11X |

---

## Description

**Version:**
With the latest generation of **DLC coating sp**$^2$.
**Eccentric relief ground**, additionally **polish ground** in the flutes for **outstanding chip evacuation** in long-chipping aluminium components.
**Application:**
Especially for **MTC (Multi Task Cutting)** use on the new generation of turning / milling centres.
**Note:**
**NEW GENERATION AVAILABLE!**
**Recommended successor product is No. 202017.**
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 $L_c$: 13 mm
Overhang length $L_1$ incl. recess: 62 mm
Recess Ø $D_1$: 7.4 mm
Overall length L: 100 mm
Shank Ø $D_s$: 8 mm

---

## Technical description

| Recess Ø $D_1$ | 7.4 mm |
|---|---|
| Feed $f_z$ for slot milling in short-chipping aluminium | 0.03 mm |

---

| | |
|---|---|
| Overhang length $L_1$ incl. recess | 62 mm |
| Cutting edge $\varnothing$ $D_c$ | 8 mm |
| Feed $f_z$ for side milling in short-chipping aluminium | 0.04 mm |
| No. of teeth Z | 3 |
| Corner chamfer width at 45° | 0.2 mm |
| Shank form | HA |
| Shank $\varnothing$ $D_s$ | 8 mm |
| Overall length L | 100 mm |
| Flute length $L_c$ | 13 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 6535 HA to h6 |
| Tolerance nominal $\varnothing$ | h6 |
| Balance quality with shank | G 2.5 with HA |
| Helix angle | 45 degrees |
| Corner chamfer angle | 45 degrees |
| Coating | DLC |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | W |
| Helix angle characteristic | unequal spacing |
| Cutting width $a_e$ for milling operation | 0.3×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 recess  Type FRST | 209900 FRST |

## Shank grinding  Type HB

| 129100 HB |
| --- |