

**Garant**
**Solid carbide milling cutter MTC, DLC, Ø h6 DC: 5 mm**

**Order data**

Order number	202274 5
GTIN	4045197849878
Item class	11X

**Description**
**Version:**

With the latest generation of **DLC coating sp<sup>2</sup>**.

**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<sub>c</sub>: 8 mm

Overhang length L<sub>1</sub> incl. recess: 30 mm

Recess Ø D<sub>1</sub>: 4.7 mm

Overall length L: 80 mm

Shank Ø D<sub>s</sub>: 6 mm

**Technical description**

Overhang length L <sub>1</sub> incl. recess	30 mm
Recess Ø D <sub>1</sub>	4.7 mm

Balance quality with shank	G 2.5 with HA
Cutting edge $\varnothing D_c$	5 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.02 mm
Direction of infeed	horizontal, oblique and vertical
Feed $f_z$ for slot milling in short-chipping aluminium	0.015 mm
No. of teeth Z	3
Shank $\varnothing D_s$	6 mm
Corner chamfer width at 45°	0.1 mm
Overall length L	80 mm
Shank	DIN 6535 HA to h6
Shank form	HA
Tolerance nominal $\varnothing$	h6
Flute length $L_c$	8 mm
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 grinding Type HB	129100 HB
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