

**Garant**
**Solid carbide milling cutter with internal cooling MTC, DLC, Ø h6 DC: 6 mm**

**Order data**

Order number	202279 6
GTIN	4045197746245
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. 202019.**

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>: 10 mm

Overhang length L<sub>1</sub> incl. recess: 42 mm

Recess Ø D<sub>1</sub>: 5.7 mm

Overall length L: 80 mm

Shank Ø D<sub>s</sub>: 6 mm

**Technical description**

Shank form	HA
Overall length L	80 mm

Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Flute length $L_c$	10 mm
No. of teeth Z	3
Balance quality with shank	G 2.5 with HA
Overhang length $L_1$ incl. recess	42 mm
Corner chamfer width at 45°	0.2 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.03 mm
Tolerance nominal $\varnothing$	h6
Cutting edge $\varnothing D_c$	6 mm
Shank $\varnothing D_s$	6 mm
Feed $f_z$ for slot milling in short-chipping aluminium	0.025 mm
Recess $\varnothing D_1$	5.7 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	yes
Machining strategy	MTC
Colour ring	yellow
Type of product	End mill

## Services

Shank grinding Type HB

129100 HB

