

Garant
Solid carbide milling cutter MTC, DLC, Ø h6 DC: 6 mm

Order data

Order number	202274 6
GTIN	4045197655080
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.

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: 10 mm

Overhang length L₁ incl. recess: 42 mm

Recess Ø D₁: 5.7 mm

Overall length L: 80 mm

Shank Ø D_s: 6 mm

Technical description

No. of teeth Z	3
Feed f _z for slot milling in short-chipping aluminium	0.025 mm

Overhang length L_1 incl. recess	42 mm
Corner chamfer width at 45°	0.2 mm
Cutting edge $\varnothing D_c$	6 mm
Feed f_z for side milling in short-chipping aluminium	0.03 mm
Shank form	HA
Recess $\varnothing D_1$	5.7 mm
Shank $\varnothing D_s$	6 mm
Overall length L	80 mm
Flute length L_c	10 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
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Shank grinding Type HB

129100 HB