

Garant

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



Order data

Order number	202273 6
GTIN	4045197854827
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° cutting edge chamfer.

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

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 3

Flute length L_c: 13 mm

Overhang length L₁ incl. recess: 24 mm

Recess Ø D₁: 5.7 mm

Overall length L: 62 mm

Shank Ø D_s: 6 mm

Technical description

Feed f _z for side milling in short-chipping aluminium	0.03 mm
No. of teeth Z	3
Recess Ø D ₁	5.7 mm
Direction of infeed	horizontal, oblique and vertical

Cutting edge $\varnothing D_c$	6 mm
Shank form	HA
Tolerance nominal \varnothing	h6
Shank $\varnothing D_s$	6 mm
Shank	DIN 6535 HA to h6
Feed f_z for slot milling in short-chipping aluminium	0.025 mm
Flute length L_c	13 mm
Overhang length L_1 incl. recess	24 mm
Overall length L	62 mm
Balance quality with shank	G 2.5 with HA
Helix angle	45 degrees
Corner chamfer angle	90 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	Full slot cutting depth $1 \times D$
Cutting width a_e for milling operation	$0.5 \times D$ for side milling
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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