

Garant

Solid carbide milling cutter MTC, uncoated, Ø DC: 6,5 mm



Order data

Order number	202243 6,5
GTIN	4045197654281
Item class	11X

Description

Version:

Eccentric relief ground, additionally **polish ground** in the flutes for **outstanding chip evacuation** in long-chipping aluminium workpieces.

Lengths similar to **DIN 6527 long**.

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 : 21 mm

Overhang length L_1 incl. recess: 25 mm

Recess Ø D_1 : 6.1 mm

Overall length L: 63 mm

Shank Ø D_s : 8 mm

Technical description

Overhang length L_1 incl. recess	25 mm
Shank form	HA
Feed f_z for side milling in short-chipping aluminium	0.03 mm
Corner chamfer width at 45°	0.2 mm

Cutting edge $\varnothing D_c$	6.5 mm
Feed f_z for slot milling in short-chipping aluminium	0.025 mm
No. of teeth Z	3
Recess $\varnothing D_1$	6.1 mm
Shank $\varnothing D_s$	8 mm
Overall length L	63 mm
Flute length L_c	21 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	uncoated
Tool material	Solid carbide
Standard	DIN 6527
Type	W
Helix angle characteristic	unequal spacing
Cutting width a_e for milling operation	0.5×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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