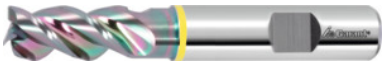
Garant

Solid carbide milling cutter MTC, DLC, ∅ DC: 16M mm



Order data

Order number	202272 16M
GTIN	4045197764621
Item class	11X

Description

Version:
With the latest generation of **DLC coating sp**^{2}.
Eccentric relief ground, additionally **polish ground** in the flutes for **outstanding chip evacuation** in long-chipping aluminium components.
Without 45° corner chamfer.
Lengths similar to **DIN 6527 long.**
Size 1–2 – tolerance: Size nominal ∅ **D_C = e8.**
Size 2.5–20M – tolerance: Size nominal ∅ **D_C = h6.**
Application:
Especially for **MTC (Multi Task Cutting)** use on the new generation of turning / milling centres.
Tolerance nominal ∅: h6
No. of teeth Z: 3
Helix angle: 45 degrees
Direction of infeed: horizontal, oblique and vertical
Shank: DIN 6535 HB to h6
Balance quality with shank: G 2.5 with HB
No. of teeth Z: 3
Flute length L_c: 48 mm
Overhang length L_1 incl. recess: 58 mm
Recess ∅ D_1: 15 mm
Overall length L: 108 mm
Shank ∅ D_s: 16 mm

Technical description

Overall length L	108 mm

Tolerance nominal ∅	h6
Shank ∅ D_s	16 mm
No. of teeth Z	3
Direction of infeed	horizontal, oblique and vertical
Overhang length L_1 incl. recess	58 mm
Flute length L_c	48 mm
Recess ∅ D_1	15 mm
Cutting edge ∅ D_C	16 mm
Balance quality with shank	G 2.5 with HB
Feed f_z for slot milling in short-chipping aluminium	0.065 mm
Shank	DIN 6535 HB to h6
Shank form	HB
Feed f_z for side milling in short-chipping aluminium	0.09 mm
Helix angle	45 degrees
Corner chamfer angle	90 degrees
Coating	DLC
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

	SZ2025 16

Shank clamping flats for shrink-fit chucks, with retainer function Shank ∅ tool 16 mm