

Garant

Solid carbide milling cutter MTC, DLC, Ø DC: 11,5 mm



Order data

Order number	202272 11,5
GTIN	4062406127657
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° corner chamfer.

Lengths similar to **DIN 6527 long**.

Size 1–2 – tolerance: Size nominal Ø $D_c = e8$.

Size 2.5–20M – tolerance: Size nominal Ø $D_c = h6$.

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

No. of teeth Z: 3

Flute length L_c : 26 mm

Overhang length L_1 incl. recess: 36 mm

Recess Ø D_1 : 10.5 mm

Overall length L: 83 mm

Shank Ø D_s : 12 mm

Technical description

Cutting edge Ø D_c	11.5 mm
Overall length L	83 mm

No. of teeth Z	3
Helix angle	45 degrees
Direction of infeed	horizontal, oblique and vertical
Flute length L_c	26 mm
Shank form	HA
Feed f_z for slot milling in short-chipping aluminium	0.05 mm
Recess $\varnothing D_1$	10.5 mm
Feed f_z for side milling in short-chipping aluminium	0.07 mm
Tolerance nominal \varnothing	h6
Overhang length L_1 incl. recess	36 mm
Shank $\varnothing D_s$	12 mm
Shank	DIN 6535 HA to h6
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

Shank grinding Type HB	129100 HB
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