

Garant
Solid carbide milling cutter MTC, DLC, Ø h6 DC: 12 mm

Order data

Order number	202273 12
GTIN	4045197860187
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: 26 mm

Overhang length L₁ incl. recess: 46 mm

Recess Ø D₁: 11 mm

Overall length L: 93 mm

Shank Ø D_s: 12 mm

Technical description

No. of teeth Z	3
Overhang length L ₁ incl. recess	46 mm
Recess Ø D ₁	11 mm
Feed f _z for slot milling in short-chipping aluminium	0.05 mm

Tolerance nominal \varnothing	h6
Shank $\varnothing D_s$	12 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Flute length L_c	26 mm
Shank form	HA
Feed f_z for side milling in short-chipping aluminium	0.07 mm
Cutting edge $\varnothing D_c$	12 mm
Overall length L	93 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 clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB

