

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

**Order data**

Order number	202257 12
GTIN	4045197860088
Item class	11X

**Description**
**Version:**

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

**Without** 45° corner chamfer.

**Application:**

Especially for **MTC (Multi Task Cutting)** use on the new generation of turning / milling centres.

**Note:**

**NEW GENERATION AVAILABLE!**

**Recommended successor product is No. 202012.**

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  $L_1$  incl. recess: 46 mm

Recess Ø  $D_1$ : 11 mm

Overall length L: 93 mm

Shank Ø  $D_s$ : 12 mm

**Technical description**

Shank form	HA
Overhang length $L_1$ incl. recess	46 mm

Shank $\varnothing D_s$	12 mm
Recess $\varnothing D_1$	11 mm
Flute length $L_c$	26 mm
Balance quality with shank	G 2.5 with HA
Tolerance nominal $\varnothing$	h6
Shank	DIN 6535 HA to h6
No. of teeth Z	3
Feed $f_z$ for slot milling in short-chipping aluminium	0.05 mm
Cutting edge $\varnothing D_c$	12 mm
Direction of infeed	horizontal, oblique and vertical
Feed $f_z$ for side milling in short-chipping aluminium	0.07 mm
Overall length L	93 mm
Helix angle	45 degrees
Corner chamfer angle	90 degrees
Coating	uncoated
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

129100 HB

Shank grinding Type HB

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