

**Garant**
**Solid carbide milling cutter MTC, AlCrN, Ø f8 DC: 10 mm**

**Order data**

Order number	202391 10
GTIN	4062406270872
Item class	11X

**Description**
**Version:**

**Special flute profile. Strengthened core.**

**MTC rough milling up to 1.5×D in solid material.**

**Eccentric relief ground.**

Particularly sturdy due to short overall length. Overall length similar to **DIN 6527 short.**

**Application:**

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

Tolerance nominal Ø: f8

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  $L_c$ : 14 mm

Overhang length  $L_1$  incl. recess: 24 mm

Recess Ø  $D_1$ : 9.8 mm

Overall length L: 66 mm

Shank Ø  $D_s$ : 10 mm

**Technical description**

Flute length $L_c$	14 mm
Helix angle	45 degrees
No. of teeth Z	3

Cutting edge $\varnothing D_c$	10 mm
Feed $f_z$ for side milling in steel $< 900 \text{ N/mm}^2$	0.072 mm
Balance quality with shank	G 2.5 with HA
Tolerance nominal $\varnothing$	f8
Corner chamfer width at $45^\circ$	0.15 mm
Overhang length $L_1$ incl. recess	24 mm
Overall length L	66 mm
Direction of infeed	horizontal, oblique and vertical
Shank $\varnothing D_s$	10 mm
Feed $f_z$ for slot milling in steel $< 900 \text{ N/mm}^2$	0.06 mm
Recess $\varnothing D_1$	9.8 mm
Shank	DIN 6535 HA to h6
Corner chamfer angle	45 degrees
Coating	AlCrN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width $a_e$ for milling operation	Full slot cutting depth $1 \times D$
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Through-coolant	no
Machining strategy	MTC
Colour ring	green
Type of product	End mill