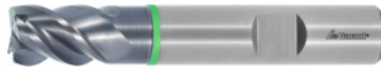


**Garant**
**Solid carbide roughing end mill MTC, AlCrN, Ø e8 DC: 10 mm**

**Order data**

Order number	203051 10
GTIN	4045197775818
Item class	11X

**Description**
**Version:**

For **roughing and finishing** up to 1.5xD into solid material **at very high feed rates** with smooth cutting action.

For cutting force reduction and better surface quality due to **45° helix**.

Improved coating for a further reduction in cutting force combined with increased tool life.

**Application:**

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

Tolerance nominal Ø: e8

No. of teeth Z: 4

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: 4

Flute length  $L_c$ : 14 mm

Overhang length  $L_1$  incl. recess: 24 mm

Recess Ø  $D_1$ : 9.7 mm

Overall length L: 66 mm

Shank Ø  $D_s$ : 10 mm

**Technical description**

Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.09 mm
No. of teeth Z	4
Tolerance nominal Ø	e8

Corner chamfer width at 45°	0.2 mm
Cutting edge $\varnothing D_c$	10 mm
Balance quality with shank	G 2.5 with HB
Overhang length $L_1$ incl. recess	24 mm
Overall length L	66 mm
Recess $\varnothing D_1$	9.7 mm
Shank $\varnothing D_s$	10 mm
Shank	DIN 6535 HB to h6
Flute length $L_c$	14 mm
Direction of infeed	horizontal, oblique and vertical
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Coating	AlCrN
Tool material	solid carbide
Standard	Manufacturer's standard
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	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	green
Type of product	End mill