

Garant
Solid carbide milling cutter MTC, AlCrN, Ø f8 DC: 9 mm

Order data

Order number	202396 9
GTIN	4045197858184
Item class	11X

Description
Version:

Special flute profile. Strengthened core.

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

Eccentric relief ground.

Lengths similar to **DIN 6527 long**.

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: f8

No. of teeth Z: 3

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: 3

Flute length L_c : 22 mm

Overhang length L_1 incl. recess: 30 mm

Recess Ø D_1 : 8.7 mm

Overall length L: 72 mm

Shank Ø D_s : 10 mm

Technical description

Feed f_z for side milling in steel < 900 N/mm ²	0.072 mm
Recess Ø D_1	8.7 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.06 mm

Flute length L_c	22 mm
Cutting edge $\varnothing D_c$	9 mm
Overall length L	72 mm
No. of teeth Z	3
Tolerance nominal \varnothing	f8
Balance quality with shank	G 2.5 with HB
Shank $\varnothing D_s$	10 mm
Overhang length L_1 incl. recess	30 mm
Corner chamfer width at 45°	0.2 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Helix angle	45 degrees
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 $1 \times D$
Cutting width a_e for milling operation	$0.5 \times D$ for side milling
Through-coolant	no
Machining strategy	MTC
Colour ring	green
Type of product	End mill