

Garant
Solid carbide milling cutter MTC, AlCrN, Ø f8 DC: 5,5 mm

Order data

Order number	202396 5,5
GTIN	4045197858115
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 : 13 mm

Overhang length L_1 incl. recess: 19 mm

Recess Ø D_1 : 5.4 mm

Overall length L: 57 mm

Shank Ø D_s : 6 mm

Technical description

No. of teeth Z	3
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6

Tolerance nominal \varnothing	f8
Overall length L	57 mm
Recess $\varnothing D_1$	5.4 mm
Cutting edge $\varnothing D_c$	5.5 mm
Corner chamfer width at 45°	0.1 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.04 mm
Flute length L_c	13 mm
Balance quality with shank	G 2.5 with HB
Feed f_z for side milling in steel < 900 N/mm ²	0.048 mm
Overhang length L_1 incl. recess	19 mm
Shank $\varnothing D_s$	6 mm
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×D
Cutting width a_e for milling operation	0.5×D for side milling
Through-coolant	no
Machining strategy	MTC
Colour ring	green
Type of product	End mill