

Garant
Solid carbide milling cutter MTC, AlCrN, Ø f8 DC: 4,5 mm

Order data

Order number	202391 4,5
GTIN	4062406270827
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 : 9 mm

Overhang length L_1 incl. recess: 15 mm

Recess Ø D_1 : 4.3 mm

Overall length L: 54 mm

Shank Ø D_s : 6 mm

Technical description

Helix angle	45 degrees
Tolerance nominal Ø	f8
Overhang length L_1 incl. recess	15 mm

Corner chamfer width at 45°	0.08 mm
Direction of infeed	horizontal, oblique and vertical
Balance quality with shank	G 2.5 with HA
Recess $\varnothing D_1$	4.3 mm
Shank $\varnothing D_s$	6 mm
Cutting edge $\varnothing D_c$	4.5 mm
Shank	DIN 6535 HA to h6
Flute length L_c	9 mm
Overall length L	54 mm
No. of teeth Z	3
Feed f_z for slot milling in steel < 900 N/mm ²	0.04 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.048 mm
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
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Through-coolant	no
Machining strategy	MTC
Colour ring	green
Type of product	End mill