

Garant

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



Order data

Order number	202391 5,5
GTIN	4062406270841
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 : 10 mm

Overhang length L_1 incl. recess: 17 mm

Recess Ø D_1 : 5.3 mm

Overall length L: 54 mm

Shank Ø D_s : 6 mm

Technical description

Helix angle	45 degrees
Balance quality with shank	G 2.5 with HA
No. of teeth Z	3

Feed f_z for side milling in steel < 900 N/mm ²	0.048 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.04 mm
Shank	DIN 6535 HA to h6
Cutting edge $\varnothing D_c$	5.5 mm
Flute length L_c	10 mm
Shank $\varnothing D_s$	6 mm
Tolerance nominal \varnothing	f8
Overall length L	54 mm
Direction of infeed	horizontal, oblique and vertical
Recess $\varnothing D_1$	5.3 mm
Overhang length L_1 incl. recess	17 mm
Corner chamfer width at 45°	0.08 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 $1 \times D$
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Through-coolant	no
Machining strategy	MTC
Colour ring	green
Type of product	End mill