

Garant

Solid carbide roughing end mill MTC with through-coolant, AlCrN, Ø e8 DC: 6 mm



Order data

Order number	203076 6
GTIN	4045197776310
Item class	11X

Description

Version:

For **roughing and finishing** up to 1.5×D 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 : 13 mm

Overall length L: 57 mm

Shank Ø D_s : 6 mm

Corner chamfer width at 45°: 0.1 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.07 mm

Technical description

Flute length L_c	13 mm
Overall length L	57 mm
Shank Ø D_s	6 mm

Balance quality with shank	G 2.5 with HB
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.07 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Cutting edge $\varnothing D_c$	6 mm
Tolerance nominal \varnothing	e8
Corner chamfer width at 45°	0.1 mm
No. of teeth Z	4
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	$0.3 \times D$ for side milling
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	yes
Machining strategy	MTC
Colour ring	green
Type of product	End mill