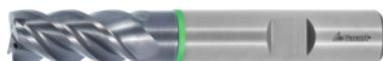


## Garant

### Solid carbide roughing end mill MTC with through-coolant, AlCrN, Ø e8 DC: 16 mm



#### Order data

Order number	203076 16
GTIN	4045197776396
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  $L_c$ : 36 mm

Overall length L: 92 mm

Shank Ø  $D_s$ : 16 mm

Corner chamfer width at 45°: 0.3 mm

Feed  $f_z$  for side milling in steel < 900 N/mm<sup>2</sup>: 0.13 mm

#### Technical description

Corner chamfer width at 45°	0.3 mm
Tolerance nominal Ø	e8
Overall length L	92 mm

Balance quality with shank	G 2.5 with HB
Shank $\varnothing D_s$	16 mm
No. of teeth Z	4
Direction of infeed	horizontal, oblique and vertical
Flute length $L_c$	36 mm
Shank	DIN 6535 HB to h6
Feed $f_z$ for side milling in steel $< 900 \text{ N/mm}^2$	0.13 mm
Cutting edge $\varnothing D_c$	16 mm
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

## Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank  $\varnothing$  tool 16 mm

SZ2025 16