

## Garant

### Solid carbide end mill HPC, DLC, Ø f8 DC: 5 mm



## Order data

Order number	202552 5
GTIN	4045197948243
Item class	11X

## Description

### Version:

Sturdy roughing end mill **without** knuckle profile.

With strong core, **special chip breaker recesses** and **large polished flutes**.

### Application:

For roughing milling with high demands on the component surface.

Tolerance nominal Ø: f8

No. of teeth Z: 4

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 4

Flute length  $L_c$ : 17 mm

Overhang length  $L_1$  incl. recess: 24 mm

Recess Ø  $D_1$ : 4.7 mm

Overall length L: 62 mm

Shank Ø  $D_s$ : 6 mm

## Technical description

Shank Ø $D_s$	6 mm
Cutting edge Ø $D_c$	5 mm
Shank form	HA
Overall length L	62 mm
Helix angle	45 degrees
Flute length $L_c$	17 mm

Feed $f_z$ for side milling in short-chipping aluminium	0.08 mm
Shank	DIN 6535 HA to h6
Recess $\varnothing D_1$	4.7 mm
Overhang length $L_1$ incl. recess	24 mm
Tolerance nominal $\varnothing$	f8
Direction of infeed	horizontal, oblique and vertical
Feed $f_z$ for slot milling in short-chipping aluminium	0.06 mm
No. of teeth Z	4
Corner chamfer width at 45°	0.1 mm
Corner chamfer angle	45 degrees
Coating	DLC
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width $a_e$ for milling operation	0.3×D for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	yellow
Type of product	End mill

## Services

Shank grinding Type HB	129100 HB
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