

## Garant

### Solid carbide end mill with internal coolant supply HPC, ZOx, Ø f8 DC: 4 mm



## Order data

Order number	202553 4
GTIN	4045197454386
Item class	11X

## Description

### Version:

Sturdy roughing end mills **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

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 4

Flute length  $L_c$ : 8 mm

Overhang length  $L_1$  incl. recess: 14 mm

Recess Ø  $D_1$ : 3.7 mm

Overall length L: 57 mm

Shank Ø  $D_s$ : 6 mm

## Technical description

Recess Ø $D_1$	3.7 mm
Shank form	HA
Cutting edge Ø $D_c$	4 mm
Overhang length $L_1$ incl. recess	14 mm
No. of teeth Z	4

Feed $f_z$ for slot milling in short-chipping aluminium	0.035 mm
Corner chamfer width at 45°	0.1 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.045 mm
Shank $\varnothing D_s$	6 mm
Overall length L	57 mm
Flute length $L_c$	8 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Tolerance nominal $\varnothing$	f8
Balance quality with shank	G 2.5 with HA
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Coating	ZOX
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	0.5×D for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×D
Through-coolant	yes
Machining strategy	HPC
Colour ring	yellow
Type of product	End mill

## Services

Shank grinding Type HB	129100 HB
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