

Garant

Solid carbide end mill HPC, DLC, Ø f8 DC: 4 mm



Order data

Order number	202552 4
GTIN	4045197948236
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 : 16 mm

Overhang length L_1 incl. recess: 22 mm

Recess Ø D_1 : 3.7 mm

Overall length L: 62 mm

Shank Ø D_s : 6 mm

Technical description

Shank Ø D_s	6 mm
Overall length L	62 mm
No. of teeth Z	4
Tolerance nominal Ø	f8
Cutting edge Ø D_c	4 mm
Shank	DIN 6535 HA to h6

Feed f_z for slot milling in short-chipping aluminium	0.05 mm
Overhang length L_1 incl. recess	22 mm
Flute length L_c	16 mm
Feed f_z for side milling in short-chipping aluminium	0.06 mm
Shank form	HA
Helix angle	45 degrees
Direction of infeed	horizontal, oblique and vertical
Recess $\varnothing D_1$	3.7 mm
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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