

Garant

Solid carbide end mill HPC, DLC, Ø f8 DC: 20 mm



Order data

Order number	202552 20
GTIN	4045197948700
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 : 60 mm

Overhang length L_1 incl. recess: 74 mm

Recess Ø D_1 : 19 mm

Overall length L: 126 mm

Shank Ø D_s : 20 mm

Technical description

Flute length L_c	60 mm
Cutting edge Ø D_c	20 mm
Recess Ø D_1	19 mm
Shank form	HA
Direction of infeed	horizontal, oblique and vertical
Feed f_z for slot milling in short-chipping aluminium	0.16 mm

Corner chamfer width at 45°	0.2 mm
Tolerance nominal Ø	f8
Helix angle	45 degrees
Overall length L	126 mm
Shank Ø D _s	20 mm
Shank	DIN 6535 HA to h6
Overhang length L ₁ incl. recess	74 mm
No. of teeth Z	4
Feed f _z for side milling in short-chipping aluminium	0.18 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 clamping flats for shrink-fit chucks, with retainer function Shank Ø tool 20 mm	SZ2025 20
Shank grinding Type HB	129100 HB