Garant

Solid carbide milling cutter with internal coolant supply HPC, ZOX, Ø f8 DC: 16 mm



Order data

Order number	202259 16
GTIN	4045197538673
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.

Note:

NEW GENERATION AVAILABLE!

Recommended successor product is No. 202019.

Tolerance nominal \emptyset : f8 No. of teeth Z: 3 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: 3 Flute length L_c: 25 mm Overhang length L₁ incl. recess: 100 mm Recess \emptyset D₁: 15 mm Overall length L: 150 mm Shank \emptyset D₃: 16 mm

Technical description

Corner chamfer width at 45°	0.2 mm
Shank form	НВ

Recess Ø D ₁	15 mm
Feed f_z for side milling in short-chipping aluminium	0.12 mm
Overhang length L ₁ incl. recess	100 mm
Feed f_z for slot milling in short-chipping aluminium	0.09 mm
Cutting edge $Ø D_c$	16 mm
No. of teeth Z	3
Shank Ø D _s	16 mm
Overall length L	150 mm
Flute length L _c	25 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal Ø	f8
Balance quality with shank	G 2.5 with HB
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Coating	ZOX
Tool material	Solid carbide
Standard	Manufacturer's standard
Туре	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
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 recess Type FRST	209900 FRST
Shank clamping flats for shrink-fit chucks, with retainer function Shank Ø tool 16 mm	SZ2025 16