

Garant

Solid carbide end mill HPC, ZOx, Ø f8 DC: 16 mm



Order data

Order number	202551 16
GTIN	4045197271877
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 HB to h6

Balance quality with shank: G 2.5 with HB

No. of teeth Z: 4

Flute length L_c : 32 mm

Overhang length L_1 incl. recess: 100 mm

Recess Ø D_1 : 15 mm

Overall length L: 150 mm

Shank Ø D_s : 16 mm

Technical description

Recess Ø D_1	15 mm
Feed f_z for slot milling in short-chipping aluminium	0.09 mm
Feed f_z for side milling in short-chipping aluminium	0.12 mm
No. of teeth Z	4
Overhang length L_1 incl. recess	100 mm

Shank form	HB
Cutting edge $\varnothing D_c$	16 mm
Corner chamfer width at 45°	0.2 mm
Shank $\varnothing D_s$	16 mm
Overall length L	150 mm
Flute length L_c	32 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal \varnothing	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
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
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Through-coolant	no
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 \varnothing tool 16 mm	SZ2025 16

