

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

Order data

Order number	203170 16
GTIN	4045197271969
Item class	11X

Description
Version:

With strong core, **special chip-breaker recesses** and **large polished flutes**.

Application:

For milling on the most demanding component surfaces.

Suitable exclusively for profile milling.

Tolerance nominal Ø: f8

No. of teeth Z: 6

Helix angle: 48 degrees

Direction of infeed: horizontal and oblique

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 6

Flute length L_c : 40 mm

Overhang length L_1 incl. recess: 44 mm

Recess Ø D_1 : 15 mm

Overall length L: 93 mm

Shank Ø D_s : 16 mm

Technical description

Overhang length L_1 incl. recess	44 mm
Feed f_z for side milling in short-chipping aluminium	0.06 mm
Recess Ø D_1	15 mm
No. of teeth Z	6
Cutting edge Ø D_c	16 mm

Shank $\varnothing D_s$	16 mm
Overall length L	93 mm
Flute length L_c	40 mm
Direction of infeed	horizontal and oblique
Shank	DIN 6535 HA to h6
Tolerance nominal \varnothing	f8
Balance quality with shank	G 2.5 with HA
Helix angle	48 degrees
Corner chamfer angle	90 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	$0.05 \times D$ for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	yellow

Services

Shank recess Type FRST	209900 FRST
Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 16 mm	SZ2025 16