

## Garant

### Solid carbide end mill HPC, ZOX, Ø f8 DC: 6 mm



#### Order data

Order number	202551 6
GTIN	4045197271839
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 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 4

Flute length  $L_c$ : 12 mm

Overhang length  $L_1$  incl. recess: 42 mm

Recess Ø  $D_1$ : 5.5 mm

Overall length L: 80 mm

Shank Ø  $D_s$ : 6 mm

#### Technical description

Corner chamfer width at 45°	0.2 mm
Recess Ø $D_1$	5.5 mm
Overhang length $L_1$ incl. recess	42 mm
Feed $f_z$ for slot milling in short-chipping aluminium	0.06 mm
Cutting edge Ø $D_c$	6 mm

No. of teeth Z	4
Feed $f_z$ for side milling in short-chipping aluminium	0.08 mm
Shank form	HA
Shank $\varnothing D_s$	6 mm
Overall length L	80 mm
Flute length $L_c$	12 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Tolerance nominal $\varnothing$	f8
Balance quality with shank	G 2.5 with HA
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 grinding Type HB	129100 HB

