

**Garant**
**Solid carbide end mill HPC, ZOx, Ø f8 DC: 6 mm**

**Order data**

Order number	202549 6
GTIN	4045197454256
Item class	11X

**Description**
**Version:**

Sturdy roughing slot drills **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  $L_c$ : 18 mm

Overhang length  $L_1$  incl. recess: 24 mm

Recess Ø  $D_1$ : 5.5 mm

Overall length L: 62 mm

Shank Ø  $D_s$ : 6 mm

**Technical description**

Cutting edge Ø $D_c$	6 mm
Shank form	HA
Corner chamfer width at 45°	0.2 mm
No. of teeth Z	4
Feed $f_z$ for slot milling in short-chipping aluminium	0.07 mm

Recess $\varnothing D_1$	5.5 mm
Overhang length $L_1$ incl. recess	24 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.09 mm
Shank $\varnothing D_s$	6 mm
Overall length $L$	62 mm
Flute length $L_c$	18 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	$0.3 \times D$ for side milling
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