


**Solid carbide milling cutters, uncoated, Ø e8 DC: 16 mm**

**Order data**

Order number	202239 16
GTIN	4045197965011
Item class	12X

**Description**
**Version:**

**Eccentric relief ground**, additionally **finish ground** in the flutes for **outstanding chip evacuation** in long-chipping aluminium workpieces.

**Application:**

For roughing and finishing.

Through-coolant: no

Tolerance nominal Ø: e8

No. of teeth Z: 3

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 3

Flute length  $L_c$ : 32 mm

Overhang length  $L_1$  incl. recess: 56 mm

Recess Ø  $D_1$ : 15.5 mm

Overall length L: 110 mm

Shank Ø  $D_s$ : 16 mm

**Technical description**

Overhang length $L_1$ incl. recess	56 mm
Flute length $L_c$	32 mm
Feed $f_z$ for slot milling in short-chipping aluminium	0.065 mm
No. of teeth Z	3
Helix angle	45 degrees

Shank	DIN 6535 HA to h6
Direction of infeed	horizontal, oblique and vertical
Recess $\varnothing D_1$	15.5 mm
Shank $\varnothing D_s$	16 mm
Cutting edge $\varnothing D_c$	16 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.09 mm
Overall length L	110 mm
Tolerance nominal $\varnothing$	e8
Corner chamfer angle	90 degrees
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Cutting width $a_e$ for milling operation	Full slot cutting depth $1 \times D$
Cutting width $a_e$ for milling operation	$0.5 \times D$ for side milling
Through-coolant	no
Colour ring	yellow
Type of product	End mill

## Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank $\varnothing$ tool 16 mm	SZ2025 16
Shank grinding Type HB	129100 HB