



## Solid carbide milling cutters, uncoated, $\varnothing$ e8 DC: 4 mm



### Order data

Order number	202239 4
GTIN	4045197964854
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  $\varnothing$ : 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  $L_c$ : 8 mm

Overhang length  $L_1$  incl. recess: 27 mm

Recess  $\varnothing D_1$ : 3.7 mm

Overall length L: 65 mm

Shank  $\varnothing D_s$ : 6 mm

### Technical description

Feed $f_z$ for side milling in short-chipping aluminium	0.02 mm
Flute length $L_c$	8 mm
Tolerance nominal $\varnothing$	e8
Helix angle	45 degrees
Direction of infeed	horizontal, oblique and vertical

No. of teeth Z	3
Feed $f_z$ for slot milling in short-chipping aluminium	0.015 mm
Shank $\varnothing D_s$	6 mm
Shank	DIN 6535 HA to h6
Overall length L	65 mm
Recess $\varnothing D_1$	3.7 mm
Overhang length $L_1$ incl. recess	27 mm
Cutting edge $\varnothing D_c$	4 mm
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 grinding Type HB	129100 HB
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