


Solid carbide milling cutters, uncoated, Ø e8 DC: 12 mm

Order data

Order number	202239 12
GTIN	4045197965004
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 : 24 mm

Overhang length L_1 incl. recess: 50 mm

Recess Ø D_1 : 11.5 mm

Overall length L: 100 mm

Shank Ø D_s : 12 mm

Technical description

Recess Ø D_1	11.5 mm
No. of teeth Z	3
Flute length L_c	24 mm
Direction of infeed	horizontal, oblique and vertical
Helix angle	45 degrees

Tolerance nominal \varnothing	e8
Shank $\varnothing D_s$	12 mm
Feed f_z for slot milling in short-chipping aluminium	0.05 mm
Overall length L	100 mm
Shank	DIN 6535 HA to h6
Cutting edge $\varnothing D_c$	12 mm
Feed f_z for side milling in short-chipping aluminium	0.07 mm
Overhang length L_1 incl. recess	50 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 clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB