

**Garant**
**Solid carbide milling cutter, DLC, Ø DC: 12M mm**

**Order data**

Order number	202515 12M
GTIN	4045197692597
Item class	11X

**Description**
**Version:**
**Extra sharp cutting edges.**

Dimensions similar to DIN 6527.

With the latest generation of **DLC coating sp<sup>2</sup>**.

Through-coolant: no

Tolerance nominal Ø: e8

No. of teeth Z: 4

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 4

Flute length L<sub>c</sub>: 36 mm

Overall length L: 93 mm

Shank Ø D<sub>s</sub>: 12 mm

Feed f<sub>z</sub> for slot milling in short-chipping aluminium: 0.05 mm

Feed f<sub>z</sub> for side milling in short-chipping aluminium: 0.09 mm

**Technical description**

Cutting edge Ø D <sub>c</sub>	12 mm
Feed f <sub>z</sub> for side milling in short-chipping aluminium	0.09 mm
No. of teeth Z	4
Feed f <sub>z</sub> for slot milling in short-chipping aluminium	0.05 mm
Shank Ø D <sub>s</sub>	12 mm

Overall length L	93 mm
Flute length L <sub>c</sub>	36 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Tolerance nominal Ø	e8
Helix angle	45 degrees
Corner chamfer angle	90 degrees
Coating	DLC
Tool material	Solid carbide
Standard	DIN 6527
Type	W
Cutting width a <sub>e</sub> for milling operation	0.25×D for side milling
Cutting width a <sub>e</sub> for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Colour ring	yellow
Type of product	End mill

## Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank Ø tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB