

**Garant**
**Diabolo solid carbide deburrer, spiral flutes 60°, TiAlN, Ø h6 DC: 12M mm**


## Order data

Order number	208167 12M
GTIN	4062406380465
Item class	11X

## Description

### Version:

**Outstanding surface qualities** thanks to the **35° helix angle**.

Deburrer specially developed for **hard machining**. The further development of the DIABOLO coating permits even longer tool life and improved surface quality.

Tolerance: **Dimension S = ± 0.2 mm. Point angle ±5 arc minutes**. Extra-long deburrers for outstanding deburring results on particularly difficult-to-access contours.

### Application:

Perfectly suitable for **chamfering** and **deburring** component edges and for **contouring applications**.

No. of teeth Z: 6

Shank: DIN 6535 HA to h6

Chamfer mill: 30 degrees

small Ø D<sub>3</sub>: 6 mm

large Ø D<sub>2</sub>: 12 mm

No. of teeth Z: 6

Dimension S: 5.9 mm

Overall length L: 120 mm

Shank Ø D<sub>s</sub>: 12 mm

## Technical description

No. of teeth Z	6
Cutting edge Ø D <sub>c</sub>	12 mm
Shank	DIN 6535 HA to h6
Series	Diabolo

Overall length L	120 mm
large $\varnothing D_2$	12 mm
small $\varnothing D_3$	6 mm
Shank $\varnothing D_s$	12 mm
Chamfer mill	30 degrees
Corner chamfer angle	60 degrees
Feed $f_z$ in steel < 60 HRC	0.045 mm
Dimension S	5.9 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	H
Tolerance nominal $\varnothing$	h6
Helix angle	35 degrees
Direction of infeed	horizontal and oblique
Countersink tip angle	60 degrees
Through-coolant	no
Shank tolerance	h6
Colour ring	green
Type of product	End mill