

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

**Order data**

Order number	208165 12
GTIN	4062406380373
Item class	11X

**Description**
**Version:**

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

Deburrer for **universal application** on virtually all materials. The newly developed coating effectively prevents built-up edges, even in aluminium or stainless steel.

Tolerance: **Dimension S = ± 0.2 mm. Point angle ±5 arc minutes.**

**Application:**

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

No. of teeth Z: 4

Shank: DIN 6535 HA to h6

Chamfer mill: 30 degrees

No. of teeth Z: 4

Dimension S: 11.9 mm

Overall length L: 83 mm

Shank Ø D<sub>s</sub>: 12 mm

Feed f<sub>z</sub> in steel < 900 N/mm<sup>2</sup>: 0.08 mm

**Technical description**

Overall length L	83 mm
Corner chamfer angle	60 degrees
Cutting edge Ø D <sub>c</sub>	12 mm
Feed f <sub>z</sub> in steel < 900 N/mm <sup>2</sup>	0.08 mm
Chamfer mill	30 degrees

Dimension S	11.9 mm
No. of teeth Z	4
Shank	DIN 6535 HA to h6
Shank $\varnothing D_s$	12 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
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