

Garant

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



Order data

Order number	208165 12M
GTIN	4062406380380
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**. 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: 4

Shank: DIN 6535 HA to h6

Chamfer mill: 30 degrees

small Ø D₃: 6 mm

large Ø D₂: 12 mm

No. of teeth Z: 4

Dimension S: 5.9 mm

Overall length L: 120 mm

Shank Ø D_s: 12 mm

Technical description

No. of teeth Z	4
Shank	DIN 6535 HA to h6
large Ø D ₂	12 mm

Shank $\varnothing D_s$	12 mm
small $\varnothing D_3$	6 mm
Overall length L	120 mm
Dimension S	5.9 mm
Corner chamfer angle	60 degrees
Chamfer mill	30 degrees
Feed f_z in steel < 900 N/mm ²	0.06 mm
Cutting edge $\varnothing D_c$	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