

**Garant**
**Solid carbide deburrer 120°, TiAlN, Ø h6 DC: 1mm**

**Order data**

Order number	208092 1
GTIN	4045197854605
Item class	11X

**Description**
**Version:**

With special flute geometry for smooth cutting.

Tolerance: **Dimension S = ±0.1 mm, point angle ±10 arc minutes.**

**Application:**

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

No. of teeth Z: 3

Shank: DIN 6535 HA with h6

Chamfer mill: 60 °

No. of teeth Z: 3

Dimension S: 0.5 mm

Overall length L: 50 mm

Shank Ø D<sub>s</sub>: 3 mm

Feed f<sub>z</sub> in steel < 900 N/mm<sup>2</sup>: 0.005 mm

**Technical description**

Feed f <sub>z</sub> in steel < 900 N/mm <sup>2</sup>	0.005 mm
Shank	DIN 6535 HA with h6
Dimension S	0.5 mm
Overall length L	50 mm
No. of teeth Z	3
Shank Ø D <sub>s</sub>	3 mm

Cutting edge $\varnothing D_c$	1 mm
Corner chamfer angle	30 °
Chamfer mill	60 °
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal $\varnothing$	h6
Direction of infeed	horizontal and oblique
Countersink tip angle	120 °
Through-coolant	no
Shank tolerance	h6
Colour ring	without
Type of product	Deburrers

## User data

	Suitability	$V_c$	ISO code
Aluminium (short chipping)	suitable	280 m/min	N
Alu > 10% Si	suitable	200 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	120 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	105 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	100 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	70 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable only under restricted conditions	60 m/min	P
Steel < 55 HRC	suitable only under restricted conditions	35 m/min	H
INOX < 900 N/mm <sup>2</sup>	suitable	80 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	60 m/min	M

GG(G)	suitable	90 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable only under restricted conditions		
Air	Suitable only under restricted conditions		