

**Garant**
**Solid carbide deburrer 60°, TiAlN, Ø h6 DC: 16mm**

**Order data**

Order number	208160 16
GTIN	4045197457189
Item class	11X

**Description**
**Version:**

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

With special flute geometry for smooth cutting.

**Application:**

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

No. of teeth Z: 4

Shank: DIN 6535 HB to h6

Chamfer mill: 30 °

No. of teeth Z: 4

Dimension S: 15.8 mm

Overall length L: 93 mm

Shank Ø D<sub>s</sub>: 16 mm

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

**Technical description**

Feed f <sub>z</sub> in steel < 900 N/mm <sup>2</sup>	0.08 mm
Cutting edge Ø D <sub>c</sub>	16 mm
Dimension S	15.8 mm
No. of teeth Z	4
Shank Ø D <sub>s</sub>	16 mm
Overall length L	93 mm
Shank	DIN 6535 HB to h6

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

## User data

	Suitability	V <sub>c</sub>	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