

**Garant**
**Solid carbide deburrer 60°, TiAlN, Ø h6 DC: 20mm**

**Order data**

Order number	208168 20
GTIN	4045197965042
Item class	11X

**Description**
**Version:**

With special flute geometry, smooth cutting. Tolerance: **Dimension S = ± 0.2 mm.**

**Application:**

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

**Technical description**

No. of teeth Z	8
Shank Ø D <sub>s</sub>	20 mm
Feed f <sub>z</sub> in steel < 900 N/mm <sup>2</sup>	0.1 mm
Cutting edge Ø D <sub>c</sub>	20 mm
Overall length L	104 mm
Corner chamfer angle	30 degrees
Dimension S	19.9 mm
Shank	DIN 6535 HB to h6
Chamfer mill	30 degrees
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	60 degrees
Through-coolant	no
Shank tolerance	h6
Colour ring	green
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	60 m/min	P
Steel < 55 HRC	suitable	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		

