

**Garant**
**Solid carbide deburrer 90°, TiAlN, Ø h6 DC: 12mm**


## Order data

Order number	208164 12
GTIN	4045197537331
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

Feed $f_z$ in steel < 900 N/mm <sup>2</sup>	0.06 mm
Cutting edge Ø $D_c$	12 mm
Dimension S	8.5 mm
No. of teeth Z	6
Shank Ø $D_s$	12 mm
Overall length L	83 mm
Shank	DIN 6535 HB to h6
Corner chamfer angle	45 degrees
Chamfer mill	45 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	90 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		

