

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

**Order data**

Order number	208110 12
GTIN	4045197129260
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**.

**Technical description**

Cutting edge Ø D <sub>c</sub>	12 mm
Dimension S	8.5 mm
No. of teeth Z	4
Feed f <sub>z</sub> in steel < 900 N/mm <sup>2</sup>	0.06 mm
Shank Ø D <sub>s</sub>	12 mm
Overall length L	83 mm
Shank	DIN 6535 HB to h6
Corner chamfer angle	45 degrees
Chamfer mill	45 degrees
Coating	uncoated
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	without
Type of product	Deburrers

### User data

	Suitability	$V_c$	ISO code
Alu plastics	suitable	180 m/min	N
Aluminium (short chipping)	suitable	140 m/min	N
Alu > 10% Si	suitable	105 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	70 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	60 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	55 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	35 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	40 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	30 m/min	M
GG(G)	suitable	55 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
Air	Suitable only under restricted conditions		

