

Garant**Solid carbide deburrer 60°, uncoated, Ø h6 DC: 12mm****Order data**

Order number	208140 12
GTIN	4045197129369
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 _c	12 mm
Dimension S	11.9 mm
No. of teeth Z	4
Feed f _z in steel < 900 N/mm ²	0.06 mm
Shank Ø D _s	12 mm
Overall length L	83 mm
Shank	DIN 6535 HB to h6
Corner chamfer angle	60 degrees
Chamfer mill	30 degrees
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard

Type	N
Tolerance nominal Ø	h6
Direction of infeed	horizontal and oblique
Countersink tip angle	60 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 ²	suitable	70 m/min	P
Steel < 750 N/mm ²	suitable	60 m/min	P
Steel < 900 N/mm ²	suitable	55 m/min	P
Steel < 1100 N/mm ²	suitable	35 m/min	P
INOX < 900 N/mm ²	suitable	40 m/min	M
INOX > 900 N/mm ²	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		

