

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

Order data

Order number	208105 12
GTIN	4045197858771
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
No. of teeth Z	4
Shank	DIN 6535 HA with h6
Dimension S	8.5 mm
Feed f _z in steel < 900 N/mm ²	0.06 mm
Overall length L	83 mm
Shank Ø D _s	12 mm
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	without
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 ²	suitable	120 m/min	P
Steel < 750 N/mm ²	suitable	105 m/min	P
Steel < 900 N/mm ²	suitable	100 m/min	P
Steel < 1100 N/mm ²	suitable	70 m/min	P
Steel < 1400 N/mm ²	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 ²	suitable	80 m/min	M
INOX > 900 N/mm ²	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
Services	
Shank grinding Type HB	129100 HB