

Garant
Solid carbide deburrer 60°, TiAlN, Ø h6 DC: 12mm


Order data

Order number	208168 12
GTIN	4045197537430
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 ²	0.06 mm
Cutting edge Ø D_c	12 mm
Dimension S	11.9 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	30 degrees
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 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	60 m/min	P
Steel < 55 HRC	suitable	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		

