Garant

Solid carbide deburrer, spiral flutes 90°, TiSiN, Ø h6 DC: 16mm

Order data

Order number	208156 16
GTIN	4062406288228
Item class	11X

Description

Version:
Deburrer for **universal application** on virtually all materials. The newly developed coating effectively prevents built-up edges, even in aluminium or stainless steel.
Tolerance: **Dimension S = +/- 0.2 mm.**
Point angle = +/- 5 arc minutes.
Outstanding surface qualities thanks to the 35° **helix angle.**
Application:
Perfectly suitable for **chamfering** and **deburring** component edges and for **contouring applications**.

Technical description

Corner chamfer angle	45 degrees
Shank Ø D_s	16 mm
No. of teeth Z	4
Shank	DIN 6535 HA to h6
Dimension S	11.2 mm
Cutting edge Ø D_c	16 mm
Overall length L	93 mm
Chamfer mill	45 degrees
Feed f_z in steel < 900 N/mm^2	0.1 mm
Coating	TiSiN

Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal Ø	h6
Helix angle	35 degrees
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
Alu plastics	suitable only under restricted conditions	180 m/min	N
Aluminium (short chipping)	suitable	300 m/min	N
Alu > 10% Si	suitable	220 m/min	N
Steel < 500 N/mm²	suitable	130 m/min	P
Steel < 750 N/mm²	suitable	115 m/min	P
Steel < 900 N/mm²	suitable	110 m/min	P
Steel < 1100 N/mm²	suitable	80 m/min	P
Steel < 1400 N/mm²	Suitable only under restricted conditions	65 m/min	P
Steel < 55 HRC	Suitable only under restricted conditions	35 m/min	H
INOX < 900 N/mm²	suitable	90 m/min	M
INOX > 900 N/mm²	suitable	70 m/min	M
Ti > 850 N/mm²	suitable	50 m/min	S

GG(G)	suitable	100 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