

## Garant

### Burr, coated GARANT Master Cast – coarse, AlTiSiN, Type: C0616



#### Order data

Order number	547700 C0616
GTIN	4067263736622
Item class	51D

#### Description

##### Version:

The newly developed innovative tooth geometry permits a **very high metal removal rate** and at the same time **smooth running and good guidance**. No chip adhesion and outstanding surface results.

Shank Ø 6mm.

Suitable for use for roughing and for finishing. With high-performance coating for longer tool life, less heat input and reduced chip adhesion.

GARANT burrs are manufactured from high performance carbide grades with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

- **High rate of material removal.**
- **Smooth running.**
- **High-performance coating for low thermal stress, longer tool life, and improved chip evacuation.**
- **State-of-the-art substrate optimised for cast steel materials.**
- **Maximum tool life.**

##### Application:

Optimised for machining cast iron, steel, cast steel, tool steel and soft titanium alloys.

Optimised for machining hard and brittle cast materials such as cast iron, steel and cast steel, tempered steel and tool steel. Suitable for both manual use and industrial robots. For deburring, edge breaking, cleaning, weld and surface preparation.

**Note:**

Materials with poor heat conductivity; reduce speed to avoid overheating of the burr and smearing.

## Technical description

Head Ø	6 mm
Shank Ø	6 mm
Shape description	ball nose
Overall length	55 mm
Head length	16 mm
Series	GARANT Master Cast
Tool material	AlTiSiN
Type of product	Burr

## User data

	Suitability	V <sub>c</sub>	ISO code
Alu Mg	suitable only under restricted conditions		
Steel < 900 N/mm <sup>2</sup>	suitable		
Steel < 1400 N/mm <sup>2</sup>	suitable		
Steel < 55 HRC	suitable		
Steel < 60 HRC	suitable		
INOX	suitable		
Ti	suitable only under restricted conditions		
GG(G)	suitable		
CuZn	suitable only under restricted conditions		

