

## Garant

### Burr, coated GARANT Master Uni – medium, Carbide TiAlN, Type: E1220



#### Order data

Order number	540222 E1220
GTIN	4062406587031
Item class	51D

#### Description

##### Version:

The newly developed innovative tooth geometry permits a **high metal removal rate** and at the same time **extremely smooth running and very good guidance**. The optimum chip formation (no pointed chips) achieves high surface quality in roughing and finishing applications.

- **High rate of material removal.**
- **Smooth running.**
- **Low thermal stress, long tool life, improved chip evacuation.**
- **For general-purpose use on steel, stainless steel, aluminium.**

Shank Ø 6 mm.

**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. Additional TiAlN coating for longer working life and temperature resistance. For high thermal and mechanical loadings (Heavy Duty).

- **Longer tool life.**
- **Less heat input.**
- **Better chip evacuation.**

##### Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

##### Note:

Materials with poor heat conductivity: Reduce speed in order to avoid overheating the burr and smearing.

## Technical description

Shape description	teardrop
Head Ø	12 mm
Shank Ø	6 mm
Toothing grit designation	medium
Overall length	60 mm
Type of cut	Unequal toothing
Head length	20 mm
Series	GARANT Master Uni
Tool material	Carbide TiAlN
Coating	TiAlN
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		
GG(G)	Suitable		
Uni	Suitable		