

Burr, coated GARANT Master Uni – medium, Carbide TiAlN, Type: F1630



Order data Order number 540222 F1630 GTIN 4062406586942

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.
- \cdot For general-purpose use on steel, stainless steel, aluminium. Shank \varnothing 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 TiAIN 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

Shank Ø	6 mm		
Shape description	round arch		
Overall length	70 mm		
Type of cut	Unequal toothing		
Toothing grit designation	medium		
Head ∅	16 mm		
Head length	30 mm		
Series	GARANT Master Uni		
Tool material	Carbide TiAIN		
Coating	TiAIN		
Type of product	Burr		

User data

	Suitability	\mathbf{V}_{c}	ISO code
Alu Mg	suitable only under restricted conditions		
Steel < 900 N/mm ²	Suitable		
Steel < 1400 N/mm ²	Suitable		
Steel < 55 HRC	Suitable		
Steel < 60 HRC	Suitable		
INOX	Suitable		
Ti	Suitable		
GG(G)	Suitable		
Uni	Suitable		