

**Garant**

**Burr GARANT Master Alu – very rough (non-ferrous / aluminum), Carbide DLC,  
Type: AS1625**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 547600 AS1625 |
| GTIN         | 4067263736431 |
| Item class   | 51D           |

**Description****Version:**

**GARANT** burrs are manufactured from the highest quality carbide 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.

**The newly developed innovative tooth geometry** permits **very high metal removal rates** combined with **smooth cutting and good guidance accuracy**. No chip adhesion and excellent surface results. Shank Ø 6mm. Suitable for use in roughing and finishing applications. With high-performance coating for longer tool life, less heat input and reduced chip adhesion.

- **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 aluminium materials.**
- **Maximum tool life.**

**Cylindrical shape (ZYAS), with end cut.**

**Application:**

Optimised for machining hard and soft aluminum alloys, plastics, bronze and non-ferrous metals. Suitable for both manual 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

|                           |                          |
|---------------------------|--------------------------|
| Toothing grit designation | very coarse              |
| Head Ø                    | 16 mm                    |
| Head length               | 25 mm                    |
| Overall length            | 65 mm                    |
| Shank Ø                   | 6 mm                     |
| Shape                     | AS1625                   |
| Shape description         | Cylindrical with end cut |
| Series                    | GARANT Master Alu        |
| Tool material             | Carbide DLC              |
| Type of product           | Burr                     |

## User data

|              | Suitability                               | V <sub>c</sub> | ISO code |
|--------------|---|----------------|----------|
| Alu Mg       | suitable                                  |                |          |
| CuZn         | suitable                                  |                |          |
| Plastic, GRP | suitable only under restricted conditions |                |          |