

## Bernstein 1-757. Ceramic blade (Bit) slot blade 3x0.3x32 mm

Item no. BS-1-757

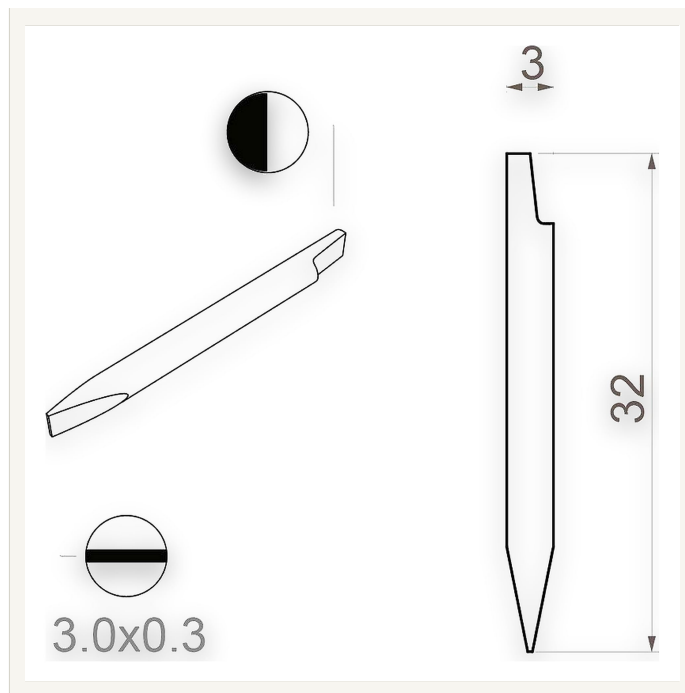
Manufacturer Bernstein

EAN 4250838501040

Ceramic blade (Bit) slot blade 3x0.3x32 mm

### TECHNICAL DATA

|                   |          |
|-------------------|----------|
| Ausführungsklasse | TEC      |
| HS-Code           | 69091900 |
| Lenght            | 32       |
| Weight            | 0.001 kg |



### STANDARDS & COMPLIANCE

ESD safe

### DESCRIPTION

- blade length 20 mm
- blade Ø 3 mm
- blade width 3 mm
- blade thickness 0.3 mm
- material zirconium oxide, technical ceramic
- antimagnetic
- length 32 mm
- weight 1 g

#### Area of application

Adjustment tools for the ESD area. Ceramic bits meet the highest requirements due to their excellent mechanical, thermal properties. The hardness and breaking strength of zirconium oxide enable the manufacture and use of even the smallest dimensions with the greatest possible wear resistance. In addition to many standard blades, we also manufacture special shapes to customer specifications.

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## Technical description

Zirconium oxide is a highly wear-resistant, tetragonal ZrO<sub>2</sub>, Y<sub>2</sub>O<sub>3</sub> partially stabilized. Physical properties at room temperature: flexural strength 800N/mm<sup>2</sup>, modulus of elasticity 2x10<sup>5</sup>N/mm<sup>2</sup>, density 6.05g/cm<sup>3</sup>, hardness 1350HV, application range up to 800°C, coefficient of thermal expansion 10x10<sup>-6</sup> K<sup>-1</sup>, thermal conductivity 2W/mK, electrical resistance insulated.

## General information

Adjustment tools in use a variety of electrical and electronic equipment or assemblies must be aligned or adjusted after the manufacturing process. Even when installing new components or when electrical values have changed due to aging, an adjustment is usually necessary to restore the optimal device function. For the different application areas we offer adjustment tools made of different materials. In the field of ceramics, we manufacture not only many standard blades but also special shapes on customer request. Contact us and we will assist you with the implementation of your ideas.