

ceramic blade (Bit) Trimmer

hex blade 2.45x32 mm

Item No. 1-762

Trimmer for easy and safe setting of spindle resistances and potentiometers (Poti)

Specification

blade length 20 mm

blade \varnothing 3 mm

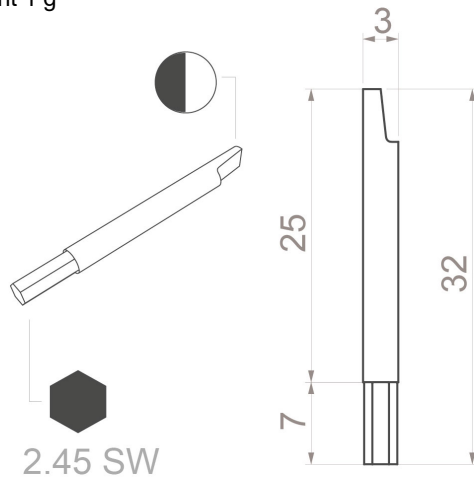
blade hex. 2.45 mm

material zirconium oxide, technical ceramic

antimagnetic

length 32 mm

weight 1 g



Application and technology

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. 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.

Zirconium oxide is a highly wear-resistant ceramic (zirconium), tetragonal ZrO_2 , Y_2O_3 , partially stabilized. Physical properties at room temperature: flexural strength $800N/mm^2$, modulus of elasticity $2 \times 10^5 N/mm^2$, density $6.05g/cm^3$, hardness 1350HV, application range up to $800^\circ C$, coefficient of thermal expansion $10 \times 10^{-6} K^{-1}$, thermal conductivity $2W/mK$, electrical resistance insulated.