



High-performance ceramic components for coffee machines

CoorsTek has over 100 years of experience in developing and manufacturing custom made ceramic components. Our ceramic components for coffee machines are manufactured from high-purity alumina, which offers outstanding material properties. This material has various advantages when used in domestic appliances including neutral taste, wear resistance, high hardness, and complete chemical inertia.

CoorsTek burrs and piercers for coffee grinding are ceramic injection molded, allowing for high-volume, high-quality production at a competitive cost.



Grinder Burrs for Coffee Beans

Sharp burrs are essential for the accurate grinding of beans which allows for the even extraction of coffee oils. Metal burrs can create heat—altering the intended flavor of the espresso, whereas ceramic grinders have high thermal capacity. Ceramic grinder burrs are known for retaining their original sharpness and for neutral taste. Coffee connoisseurs even claim ceramic discs are quieter during grinding.

Characteristics include:

- Wear resistance
- Neutral taste
- Chemically inert
- High heat conductivity
- Large heat capacity
- Design flexibility
- Cost competitive
- High geometric reproducibility

Piercers for Coffee Capsules

CoorsTek ceramic piercing needles pierce coffee capsules with high precision and durability. The improved design with sharper, reinforced legs ensures the piercers will last through the entire life-cycle of the coffee machine. Each cup of coffee will be perfectly flavored thanks to the optimized flow pattern through the piercers. Neither the abrasive aluminum nor the hot water will lead to the wear of the ceramic parts.

Capsule piercer characteristics:

- Non-corrosive
- Neutral taste
- Chemically inert
- Good heat conductivity
- Sharp, reinforced edges
- Freedom of design
- Competitively priced
- Highly reproducible shapes & geometry

About CoorsTek

With over fifty locations across four continents, CoorsTek is the international partner of choice for companies requiring the unique, high-performance properties of engineered technical ceramics. Learn more at coorstek.com

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