

95% Alumina Ceramic Burrs

Standard & Custom Solutions
for Pepper Grinder Manufacturers



30

Standard
Designs



Custom
Development



Repeat
Production



High
Hardness



Dimensional
Stability



Consistent
Tooth Geometry



Richer
Aroma



ISO 9001
Certified



Advanced
Manufacturing



Custom
Solutions



Trusted OEM
Partner

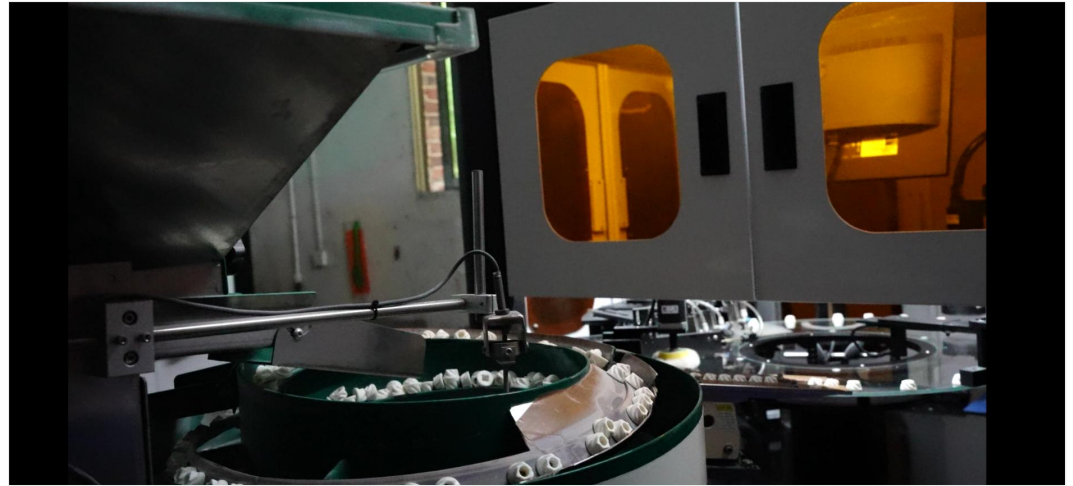
About Jinghui

Your Ceramic Burr Manufacturing Partner

Jinghui is a custom manufacturer of advanced ceramic components, with experience in producing ceramic burrs for pepper grinders and other grinding applications.

We focus on 95% alumina ceramic burrs, supported by integrated manufacturing and quality control capabilities.

From standard burr designs to customized production, we work with customers to support stable and repeat production.



Our Ceramic Burr Capabilities

95% Alumina Focus

Focused on 95% alumina ceramic burrs for pepper grinder applications.

30 Standard Designs

A range of 30 standard burr designs in different sizes and configurations.

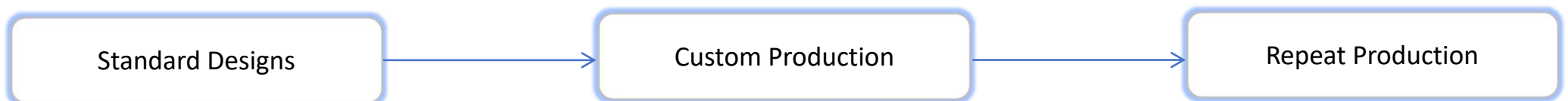
Custom Burr Production

Custom ceramic burrs produced to match your grinder design and application requirements.

Repeat Production

Supporting repeat orders for ongoing production needs.

From Standard to Custom



Who We Support

For Grinder Manufacturers, Brands & OEM Partners

Jinghui works with companies that need standard or customized ceramic burrs for their grinder products.

Pepper Grinder Manufacturers

Manufacturers producing pepper grinders and other manual grinding products.

Kitchenware & Housewares Brands

Brands sourcing ceramic burrs for their own kitchenware and household grinding products.

OEM / ODM Manufacturers

OEM and ODM manufacturers looking for a ceramic burr supplier for customer-specific grinder products.

Custom Grinder Developers

Companies developing new grinder designs or customized grinding products requiring ceramic burrs.

New Product Development

Support for companies developing a new grinder or evaluating ceramic burr options.

Supplier Replacement

An option for companies reviewing alternative ceramic burr suppliers.



Ongoing Production

Supply support for established grinder products and repeat orders.

Where Jinghui Fits in Your Supply Chain

A Ceramic Burr Supply Partner Within Your Grinder Production Process

01 | Product Requirements

Grinder design, dimensions, material requirements and application needs are specified by the customer.

02 | Ceramic Burr Supply

Standard or customized 95% alumina ceramic burrs supplied to match your product requirements.

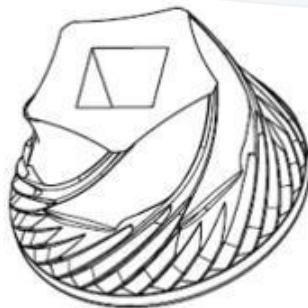
03 | Grinder Assembly

Ceramic burrs are integrated into the grinder assembly by the customer or their manufacturing partner.

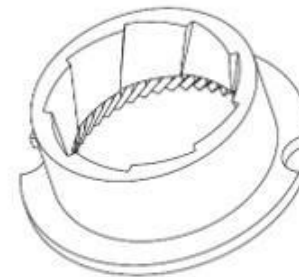
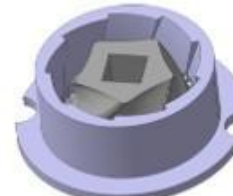
04 | Finished Grinder

The completed grinder is assembled and brought to market under the customer's product or brand.

Jinghui as Your Ceramic Burr Supplier



Inner Ceramic Burr

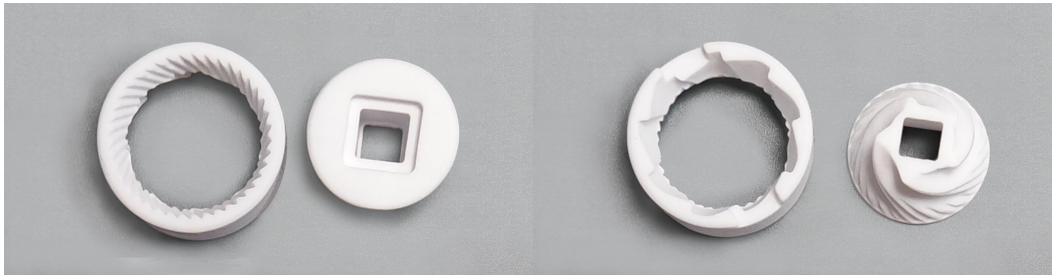


Outer Ceramic Burr

Jinghui focuses on the ceramic burr component, while you retain control of the grinder design, assembly and finished product.

95% Alumina Ceramic Burrs

Standard Product Range | 01-06



No. 01 | JMXT-12-0193

Outer Burr: $\varnothing 24.5 \times H12.2$ mm

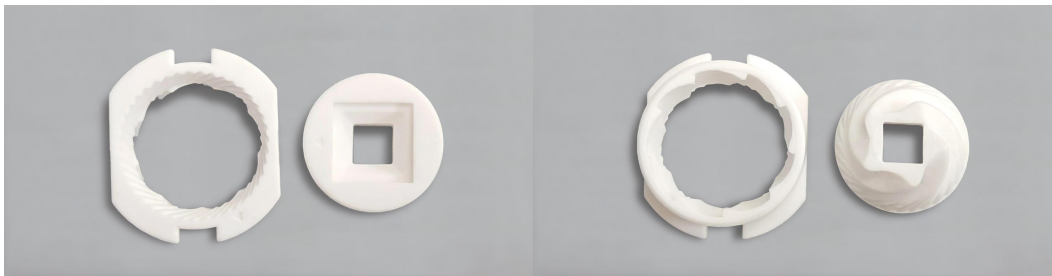
Inner Burr: $\varnothing 19.6 \times H12.9$ mm



No. 02 | JMXT-12-0194

Outer Burr: $\varnothing 26.3 \times W24.5 \times H11.52$ mm

Inner Burr: $\varnothing 19.7 \times H10.6$ mm



No. 03 | JMXT-12-0195

Outer Burr: $\varnothing 26.6 \times W22.4 \times H11.5$ mm

Inner Burr: $\varnothing 18.9 \times H11.4$ mm



No. 04 | JMXT-12-0196

Outer Burr: $\varnothing 26.6 \times H11.6$ mm

Inner Burr: $\varnothing 19.6 \times H10.7$ mm



No. 05 | JMXT-12-0197

Outer Burr: $\varnothing 27.6 \times H12.9$ mm

Inner Burr: $\varnothing 22.5 \times H10.9$ mm



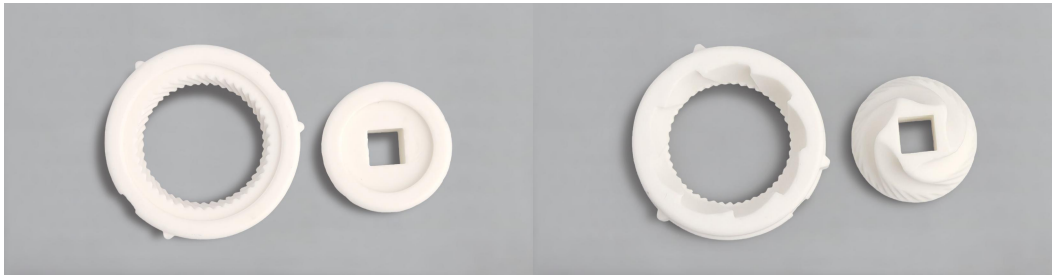
No. 06 | JMXT-12-0198

Outer Burr: $\varnothing 28.1 \times H10.7$ mm

Inner Burr: $\varnothing 19.3 \times H10.5$ mm

95% Alumina Ceramic Burrs

Standard Product Range | 07–12



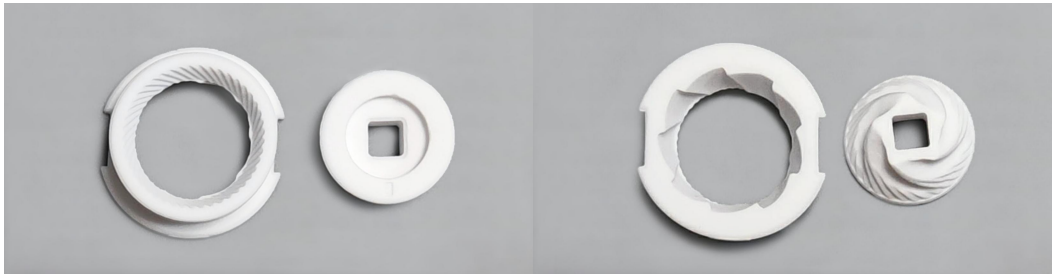
No. 07 | JMXT-12-0199

Outer Burr: $\varnothing 28.2 \times H11$ mm
Inner Burr: $\varnothing 19.7 \times H11.4$ mm



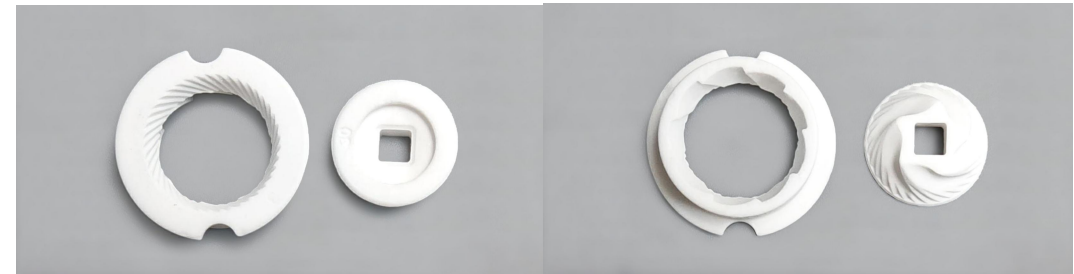
No. 08 | JMXT-12-0200

Outer Burr: $\varnothing 28.3 \times H9.8$ mm
Inner Burr: $\varnothing 20 \times H10$ mm



No. 09 | JMXT-12-0201

Outer Burr: $\varnothing 28.9 \times H11.7$ mm
Inner Burr: $\varnothing 19.7 \times H9.8$ mm



No. 10 | JMXT-12-0202

Outer Burr: $\varnothing 29.1 \times H11.6$ mm
Inner Burr: $\varnothing 19.2 \times H9.7$ mm



No. 11 | JMXT-12-0203

Outer Burr: $\varnothing 29.5 \times H11.5$ mm
Inner Burr: $\varnothing 19.7 \times H10.7$ mm



No. 12 | JMXT-12-0204

Outer Burr: $\varnothing 29.5 \times H12$ mm
Inner Burr: $\varnothing 19.7 \times H12.3$ mm

95% Alumina Ceramic Burrs

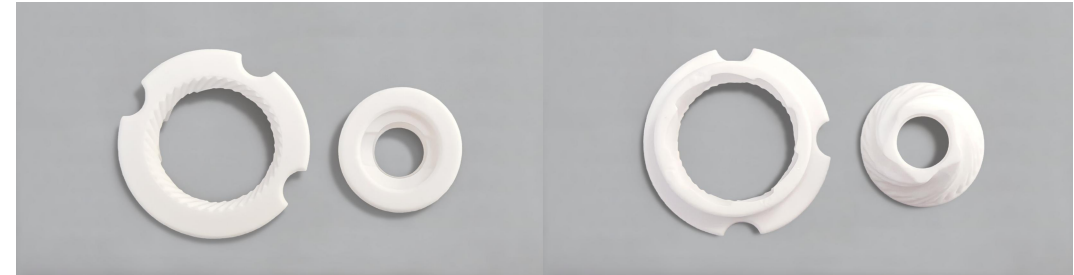
Standard Product Range | 13–18



No. 13 | JMXT-12-0205

Outer Burr: $\varnothing 29.6 \times H10.6$ mm

Inner Burr: $\varnothing 19.6 \times H11.3$ mm



No. 14 | JMXT-12-0206

Outer Burr: $\varnothing 29.6 \times H11.5$ mm

Inner Burr: $\varnothing 19.5 \times H10.7$ mm



No. 15 | JMXT-12-0207

Outer Burr: $\varnothing 30.3 \times H11.3$ mm

Inner Burr: $\varnothing 19.7 \times H11.5$ mm



No. 16 | JMXT-12-0208

Outer Burr: $\varnothing 30.4 \times H11.9$ mm

Inner Burr: $\varnothing 19.6 \times H12.8$ mm



No. 17 | JMXT-12-0209

Outer Burr: $\varnothing 30.6 \times H11.6$ mm

Inner Burr: $\varnothing 22.1 \times H11$ mm



No. 18 | JMXT-12-0210

Outer Burr: $\varnothing 30.8 \times H11.6$ mm

Inner Burr: $\varnothing 21 \times H14$ mm

95% Alumina Ceramic Burrs

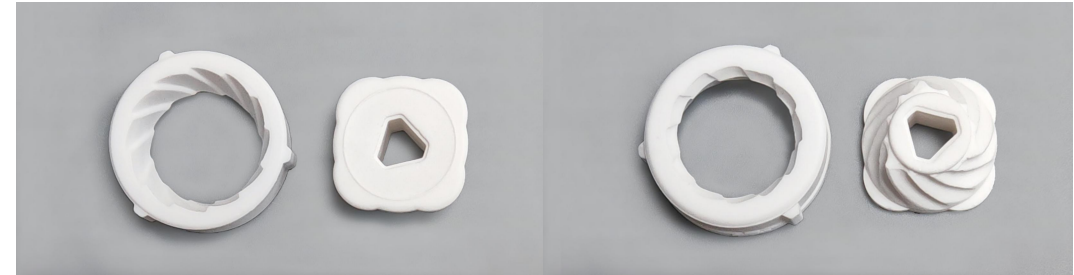
Standard Product Range | 19–24



No. 19 | JMXT-12-0211

Outer Burr: $\varnothing 31 \times H11.9$ mm

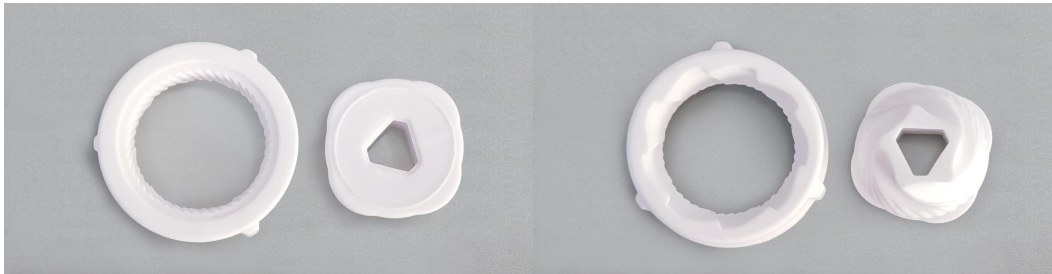
Inner Burr: $\varnothing 22.1 \times H12.1$ mm



No. 20 | JMXT-12-0212

Outer Burr: $\varnothing 31.4 \times H12.7$ mm

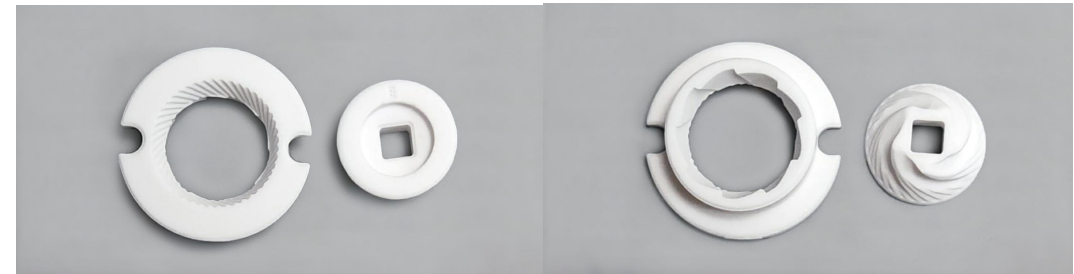
Inner Burr: $\varnothing 26.9 \times \varnothing 23.2 \times H14.4$ mm



No. 21 | JMXT-12-0213

Outer Burr: $\varnothing 31.9 \times H12.55$ mm

Inner Burr: $\varnothing 24 \times \varnothing 22 \times H12.65$ mm



No. 22 | JMXT-12-0214

Outer Burr: $\varnothing 32 \times H10.45$ mm

Inner Burr: $\varnothing 19.7 \times H9.9$ mm



No. 23 | JMXT-12-0215

Outer Burr: $\varnothing 32 \times H12.1$ mm

Inner Burr: $\varnothing 20.4 \times H11.6$ mm



No. 24 | JMXT-12-0216

Outer Burr: $\varnothing 32.5 \times H19.4$ mm

Inner Burr: $\varnothing 23.4 \times H17$ mm

95% Alumina Ceramic Burrs

Standard Product Range | 25–30



No. 25 | JMXT-12-0217

Outer Burr: $\varnothing 31 \times H14.2$ mm
Inner Burr: $\varnothing 22.3 \times \varnothing 17.65 \times H17.5$ mm



No. 26 | JMXT-12-0218

Outer Burr: $\varnothing 33.3 \times H12.5$ mm
Inner Burr: $\varnothing 22.4 \times H11.3$ mm



No. 27 | JMXT-12-0219

Outer Burr: $\varnothing 33.6 \times H12.4$ mm
Inner Burr: $\varnothing 22.6 \times H11$ mm



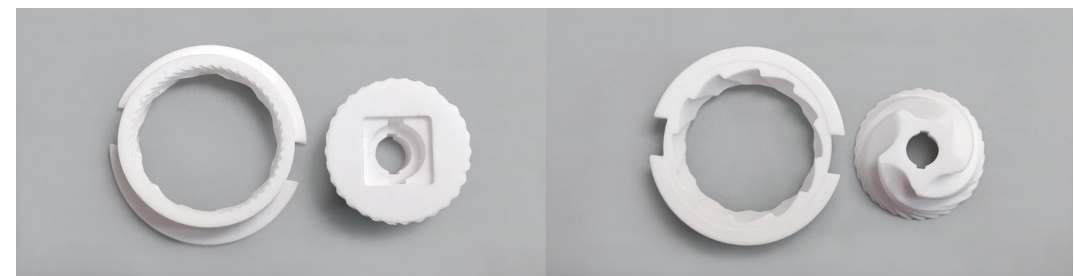
No. 28 | JMXT-12-0220

Outer Burr: $31.3 \times 30.9 \times H14.95$ mm
Inner Burr: $\varnothing 22.6 \times H11$ mm



No. 29 | JMXT-12-0221

Outer Burr: $\varnothing 34.5 \times H14.8$ mm
Inner Burr: $\varnothing 19.9 \times H9.65$ mm



No. 30 | JMXT-12-0222

Outer Burr: $\varnothing 42 \times H17.4$ mm
Inner Burr: $\varnothing 29.3 \times H20.6$ mm

Why Choose 95% Alumina Ceramic Burrs

A Practical Material Choice for Durable Ceramic Burrs and Stable Geometry



High Hardness

High hardness supports wear resistance for ceramic burrs used in repeated grinding applications.



Consistent Tooth Geometry

Stable material properties support consistent burr geometry across repeated production.



Dimensional Stability

Good dimensional stability helps maintain the intended burr geometry during production and use.



Richer Aroma

Compared with metal burrs, ceramic burrs can help deliver a richer aroma and fuller flavor from freshly ground spices.

Recommended When

- **Repeated Grinding**

For products designed for repeated grinding use.

- **Stable Burr Geometry**

When consistent burr dimensions and tooth geometry matter.

- **Repeated Production**

For grinder products requiring consistent ceramic burr geometry across repeat orders.

Food Contact Compliance Testing

SGS Test Reports for Ceramic Burrs



LFGB

Lead & Cadmium Migration

Pass



EU Requirements

Lead & Cadmium Migration

Pass



US FDA Requirements

Lead & Cadmium Migration

Pass



Test Report

No.: CANEC26015598101

Date: Jun 17, 2026

Page 1 of 4

Client Name: JINGHUI INDUSTRY LIMITED

Client Address: NO. 418, 1ST BLDG, NO. 6352, PINGSHAN AVE., SHATIAN COMMUNITY, KENGZI, PINGSHAN, SHENZHEN, CHINA.

Sample Name: Ceramic grinder

The above sample(s) and information were provided by the client.

SGS Job No.: SZP26-029010

Sample Receiving Date: Jun 11, 2026

Testing Period: Jun 11, 2026 ~ Jun 17, 2026

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

	Test Requirement	Conclusion
1	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 with amendments, DIN 51032:2017 - Leachable Lead and Cadmium	Pass
2	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, ALS Opinion Number 2017/15 - Leachable cobalt	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Lizhe Zhai

Lizhe Zhai
Approved Signatory



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Attention: To check the authenticity of testing (inspection) report & certificate, please contact us at telephone: 86-755-8387-1443, or email: CH.Docscheck@sgs.com

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Test Report

No.: CANEC26015598102

Date: Jun 17, 2026

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Client Name: JINGHUI INDUSTRY LIMITED

Client Address: NO. 418, 1ST BLDG, NO. 6352, PINGSHAN AVE., SHATIAN COMMUNITY, KENGZI, PINGSHAN, SHENZHEN, CHINA.

Sample Name: Ceramic grinder

The above sample(s) and information were provided by the client.

SGS Job No.: SZP26-029010

Sample Receiving Date: Jun 11, 2026

Testing Period: Jun 11, 2026 ~ Jun 17, 2026

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

	Test Requirement	Conclusion
1	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, European Council Directive 84/500/EEC & its amendment 2005/31/EC - Leachable Lead and Cadmium	Pass

Signed for and on behalf of
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Lizhe Zhai

Lizhe Zhai
Approved Signatory



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Test Report

No.: CANEC26015598103

Date: Jun 17, 2026

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Client Name: JINGHUI INDUSTRY LIMITED

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Sample Name: Ceramic grinder

The above sample(s) and information were provided by the client.

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Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

	Test Requirement	Conclusion
1	US FDA CPG Sec.545.400 and CPG Sec 545.450 - Leachable Lead and Cadmium	Pass

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Lizhe Zhai

Lizhe Zhai
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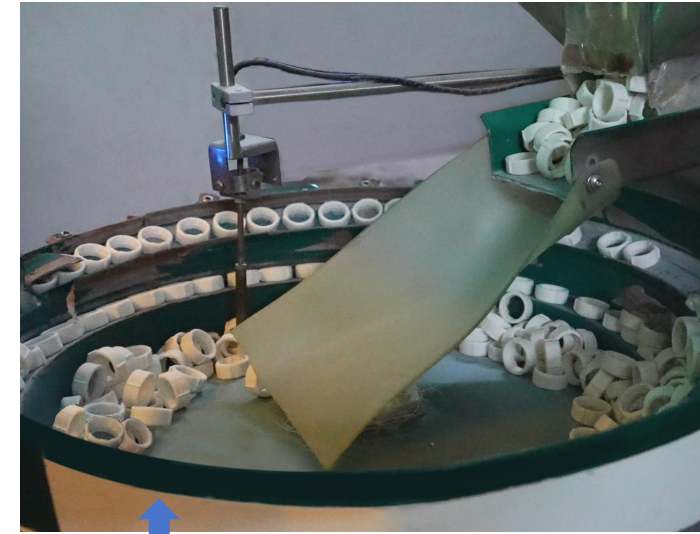
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Ceramic Manufacturing Process

A Controlled Process for Repeat Ceramic Burr Production



01 | Material Preparation

Ceramic materials are prepared according to the specified material and production requirements.

02 | Forming

Molds are prepared for the burr design, followed by hot pressing to form the required shape.

03 | Dewaxing & Sintering

Wax is removed before sintering to form the final ceramic structure.

04 | Cleaning & Inspection

Sintered ceramic burrs are cleaned and inspected for appearance and key dimensions before shipment.

05 | Packing & Shipment

Approved ceramic burrs are properly packed and prepared for shipment according to customer requirements.

Optional Post-processing

Additional post-processing may be applied when required by specific product requirements.

Process Adapted to Product Requirements

Manufacturing and inspection requirements are adjusted according to product specifications and batch requirements.

Quality Control for Ceramic Burrs

Inspection Focused on Appearance, Dimensions and Burr Geometry

Appearance Inspection

Visual inspection according to product requirements.

Dimensional Conformity

Key dimensions are checked against approved product specifications.

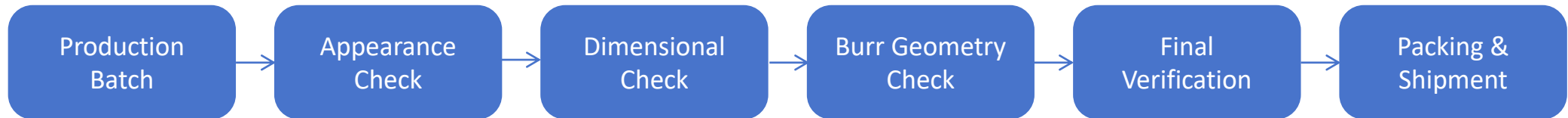
Burr Geometry

Burr structure and tooth geometry are verified against approved samples.

Batch Consistency

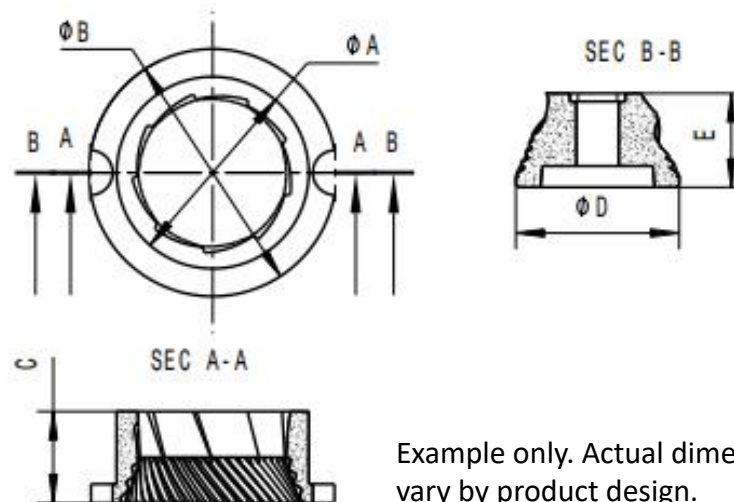
Production batches are checked for consistency against approved product requirements.

Quality Control Flow



Inspection Based on Product Requirements

Inspection criteria are established according to product drawings, specifications and application requirements.



Example only. Actual dimensions vary by product design.

Typical Dimensional Checks

- Diameter
- Overall Height
- Mounting Dimensions
- Other Specified Dimensions

Custom Development Process

From Existing Designs to Production-Ready Ceramic Burrs

01 Review Existing Design

Customer provides drawings, samples or existing burr designs for review.

02 Adapt for Ceramic

The design is adapted to suit ceramic material and manufacturing requirements.

03 Develop Tooling & Forming

Tooling and forming methods are developed for the revised ceramic burr design.

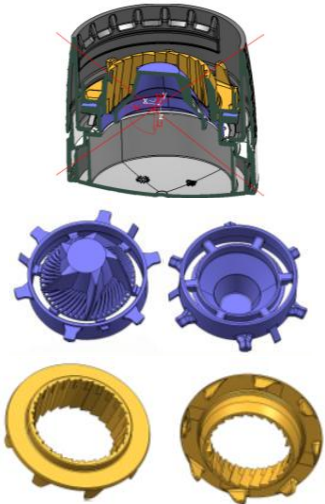
04 Sample & Validate

Ceramic samples are produced for dimensional, structural and application evaluation.

05 Refine & Finalize

The design is refined based on evaluation results and finalized for production.

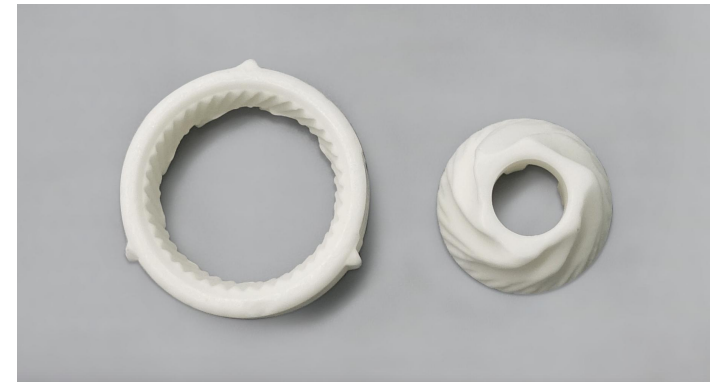
Real Development Example



Original Plastic Burr Design



Ceramic-Adapted Design



Jinghui Ceramic Burr

Existing plastic burr designs may require structural adjustments for ceramic production.

How We Work with Pepper Grinder Manufacturers

From Initial Requirements to Repeat Production

Customer

Jinghui

Jinghui

Jinghui

Jinghui



01 | Share Your Requirements

Share your drawings, dimensions, material requirements and expected quantities.



02 | Product Review

We review the burr design, specifications and production requirements for feasibility.



03 | Quotation & Samples

We provide a quotation and samples for evaluation when required.



04 | Confirmation & Production

Once the product requirements are confirmed, production proceeds according to the approved specifications.



05 | Repeat Supply

We support repeat orders for established burr designs and ongoing production needs.

What We Need from You

Product Drawing

Dimensions and geometry

Performance Focus

95% alumina or steatite, depending on grinding requirements

Target Quantity

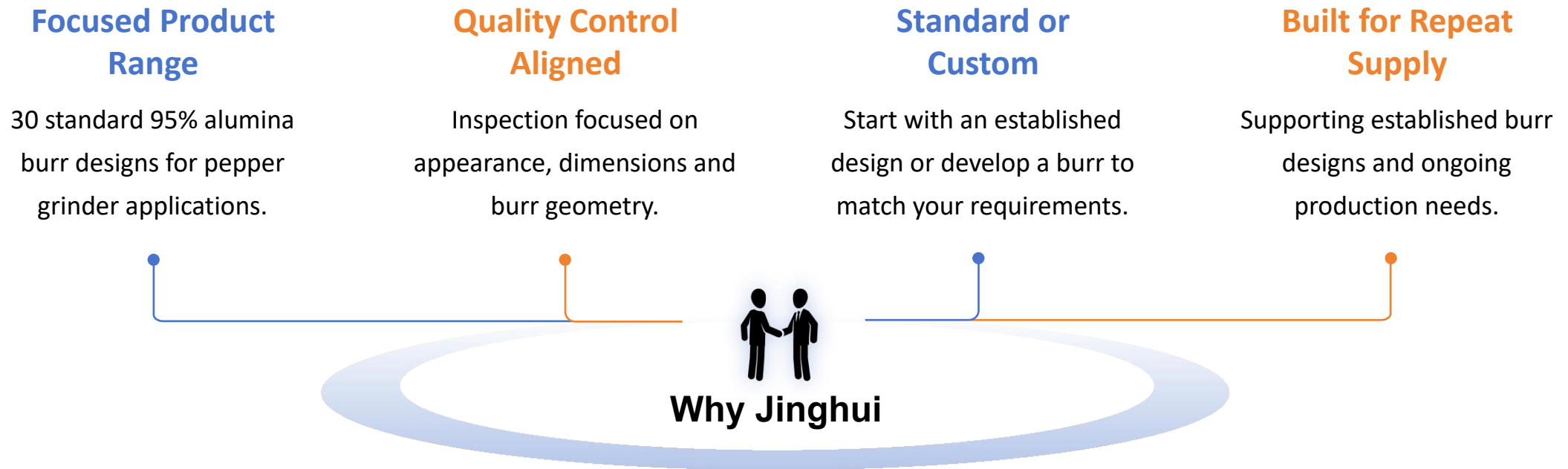
Sample or production quantity

Application Requirements

Relevant grinder and usage requirements

Why Pepper Grinder Manufacturers Choose Jinghui

A Ceramic Burr Supplier Focused on Product Consistency and Long-Term Supply



What This Means for Your Business

Easier Sourcing

Standard designs provide a starting point for new or replacement projects.

Flexible Development Support

Custom requirements can be reviewed based on drawings or samples.

Reliable Repeat Supply

Established burr designs can be reproduced for ongoing production needs.

A Practical Partner for Your Ceramic Burr Supply

From standard designs to customized requirements, Jinghui supports pepper grinder manufacturers from initial sourcing through repeat production.

● Your Ceramic Burr Manufacturing Partner

From standard ceramic burr designs to customized requirements, Jinghui supports pepper grinder manufacturers with reliable ceramic burr production and repeat supply.

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