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TENCAN

Product Brochure



BALL MILL MEDIA

304 stainless steel grinding ball

304 stainless steel grinding balls for planetary, ball, attritor, and vibration mills. Ideal for fine grinding and dispersing various materials.

<https://www.labballmill.com/products/grinding-series/ball-mill-media/304-stainless-steel-grinding-ball.html>

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Product Overview

304 stainless steel grinding balls for planetary, ball, attritor, and vibration mills. Ideal for fine grinding and dispersing various materials.



Product Introduction

304 stainless steel balls are commonly used in planetary ball mills, drum ball mills, stirring ball mills, vibration ball mills and other ball mills to finely grind and disperse materials.







Technical parameters

diameter: $\Phi 1\text{mm}-\Phi 30\text{mm}$

Main ingredients: Fe, Cr, Ni alloy

Density (g/cm³): ≈ 7.9

hardness: Medium to low, HRC 20-30

Wear resistance (wear rate): Generally, on the order of 10^{-5} g/h

Contamination risk: High, easy to introduce Fe, Ni, Cr ions

Main application areas: Materials with low purity requirements, such as chemical raw materials, fillers, rare earth polishing, etc.

*** The above parameters are for reference only. The specific parameters are subject to actual conditions or customized parameters can be customized according to special requirements.;**

Product Features

1. Generally non-magnetic, but it will become magnetized after passing through the photosphere and can be demagnetized, $HRC \leq 26$.
2. Has good anti-rust and anti-corrosion properties.
3. Good sphericity and smooth surface.
4. Suitable for grinding a variety of materials, high cost performance

Accessories & Customization

Accessories

Grinding jars, heating elements, sample holders, control modules and other matching accessories can be selected according to the product configuration.

Customization

For voltage, capacity, chamber size, process temperature or application requirements, please contact TENCAN for a suitable configuration.