

Professional  
Powder Equipment  
Manufacturer



Powder  
Equipment



Milling  
Technology



Powder  
Materials

# TENCAN

## Product Brochure



**BALL MILL MEDIA**

## 304 stainless steel grinding ball

High-quality 304 stainless steel grinding balls for fine grinding and dispersion in planetary, drum, stirred, and vibration ball mills. Durable, corrosion-resistant, widely used in powder processing.

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



## Product Overview

High-quality 304 stainless steel grinding balls for fine grinding and dispersion in planetary, drum, stirred, and vibration ball mills. Durable, corrosion-resistant, widely used in powder processing.



## 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:**  $\Phi$ 1mm- $\Phi$ 30mm

**Main ingredients:** Fe, Cr, Ni alloy

**Density (g/cm<sup>3</sup>):**  $\approx$ 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.