



## Overview

304 stainless steel grind ball is one of most widely used grind ball all over the world. It might be used in fields of medical apparatus and instruments, chemicals, Aeronautics and astronautics, plastic and hardware, sprayer, valve, nail polish, motor, switch, electric iron, wash machine, refrigerator, air conditioner, medicinal materials, auto parts, bearing and instruments. 304 stainless steel ball is commonly used for grinding and dispersing ultra-fine powder, and can be matched with planetary ball mill, roll ball mill, stirred ball mill, vibratory ball mill and so on.



Stainless Steel Mill Ball



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## Feature

- 1) No magnetic and demagnetization character, HRC  $\leq$  26.
- 2) Anti-erosion and corrosion resistance.
- 3) Good shape of ball with Smooth and gloss surface.
- 4) It applies to grinding of various materials.
- 5) It's one of the most Cost-effective ball mill media.

## Parameters of Stainless Steel Balls

Tensile Strength	100,000-180,000 psi
Yield Strength	50,000-150,000 psi
Tensibility	55-60%
Modulus of Elasticity	29,000,000 psi
Density	286lbs / cubic inch
Diameter(mm)	Φ 1mm-Φ 30mm(Customized size is acceptable)

## Element Analysis of 304 Stainless Steel Ball

Chemical Composition	
Element	Share %
Fe	70.6~67.4
C	0.10
Si	1
Mn	2
P	0.045
S	0.15~0.35
Cr	17~19
Ni	8~10
Cu	Max 1.00
N	Max 0.01

