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# TENCAN

## Product Brochure



**PLANETARY BALL MILL JAR**

# 304 stainless steel planetary mill jar

304 stainless steel planetary mill jar for grinding metal and non-metal materials. Ideal for lab use, customizable vacuum jar available. Durable and corrosion-resistant.

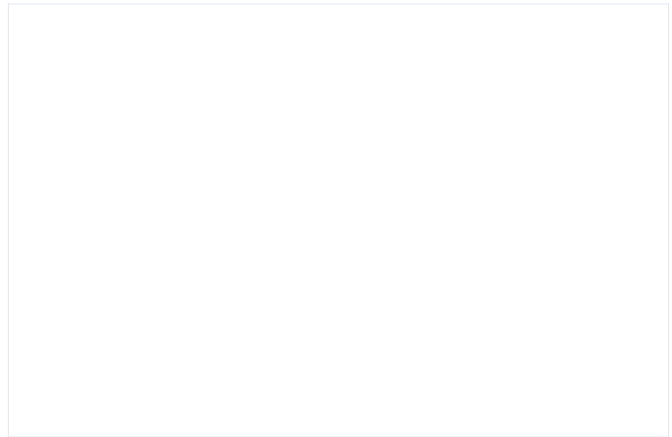
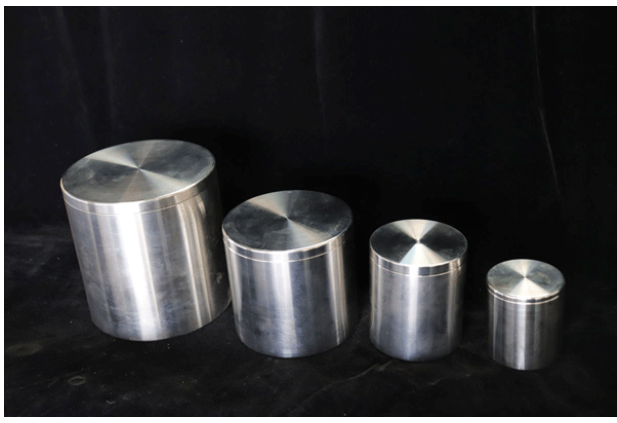
<https://www.planetaryballmills.com/products/grinding-series/planetary-ball-mill-jar/304-stainless-steel-planetary-mill-jar.html>



## Product Overview

304 stainless steel planetary mill jar for grinding metal and non-metal materials. Ideal for lab use, customizable vacuum jar available. Durable and corrosion-resistant.





## Product Introduction

Stainless steel ball mill jars are the most widely used grinding jars and are commonly used for grinding metal materials and non-metallic materials. Different models of vacuum tanks can also be customized according to customer requirements.

The stainless steel ball mill tank is a 304 stainless steel tank. The commonly used specifications include wall thickness of 8mm and 4mm. It can be used with the planetary ball mill produced by our company and can also be used with planetary ball mills produced by other manufacturers.

Stainless steel ball mill tanks can be widely used in precious metal materials, electronic materials, magnetic materials, color coatings and other industries. The stainless steel ball mill tank provided for you is sealed with reasonable and unique tank mouth tooling. It is easy to seal, tightly sealed, beautiful in shape, strong and durable. During use, there will be no gaps, leaks, dead corners and other undesirable phenomena, and it can process ultra-fine materials with narrow fineness distribution in a short time.



## Technical parameters

### Drum stainless steel ball mill parameters:

Model specifications	Outer diameter (mm)	Inner diameter (mm)	Height(mm)
500ML	88	82	144
1L	106	100	172
2L	131	124	206
3L	158	152	217
5L	178	172	269
10L	243	233	307
15L	271	263	347

## Planetary stainless steel ball mill tank parameters:

Model specifications	Outer diameter (mm)		Inner diameter (mm)		Height(mm)	
	thick wall	thin wall	thick wall	thin wall	thick wall	thin wall
50ML	48	/	38	/	54	/
100ML	62	/	48	/	72	/
250ML	87	/	71	/	83	/
500ML	106	88	90	81	108	110
1L	131	107	115	100	118	140
1.5L	131	132	115	125	158	140
2L	157	132	141	125	148	181
2.5L	157	158	141	151	183	156
3L	157	158	141	151	213	186
4L	178	179	162	170	213	188
5L	192	/	182	/	209	/
10L	243	/	232	/	259	/
15L	271	/	261	/	295	/
20L	320	/	310	/	284	/
25L	320	/	310	/	347	/

Various sizes can be customized according to customer needs.

## Product Features

1. Scientific design, consistent with ball mill tank diameter ratio.
2. Exquisite production and processing technology, ultra-high surface finish.
3. Use standard domestic 304, 316L and other stainless steel, which is acid and alkali resistant.
4. Good sealing performance
5. We can provide you with many solutions

## 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.