

Professional
Powder Equipment
Manufacturer



Powder
Equipment



Milling
Technology



Powder
Materials

TENCAN

Product Brochure



PLANETARY BALL MILL JAR

nylon planetary mill jar

High-quality nylon planetary mill jar, metal-free for pure grinding. Ideal for precious metals, electronic ceramics, magnetic materials, and pigments. Durable and non-contaminating.

<https://www.labballmill.com/products/grinding-series/planetary-ball-mill-jar/nylon-planetary-mill-jar.html>

Generated at 2026-07-28 15:30:55



Product Overview

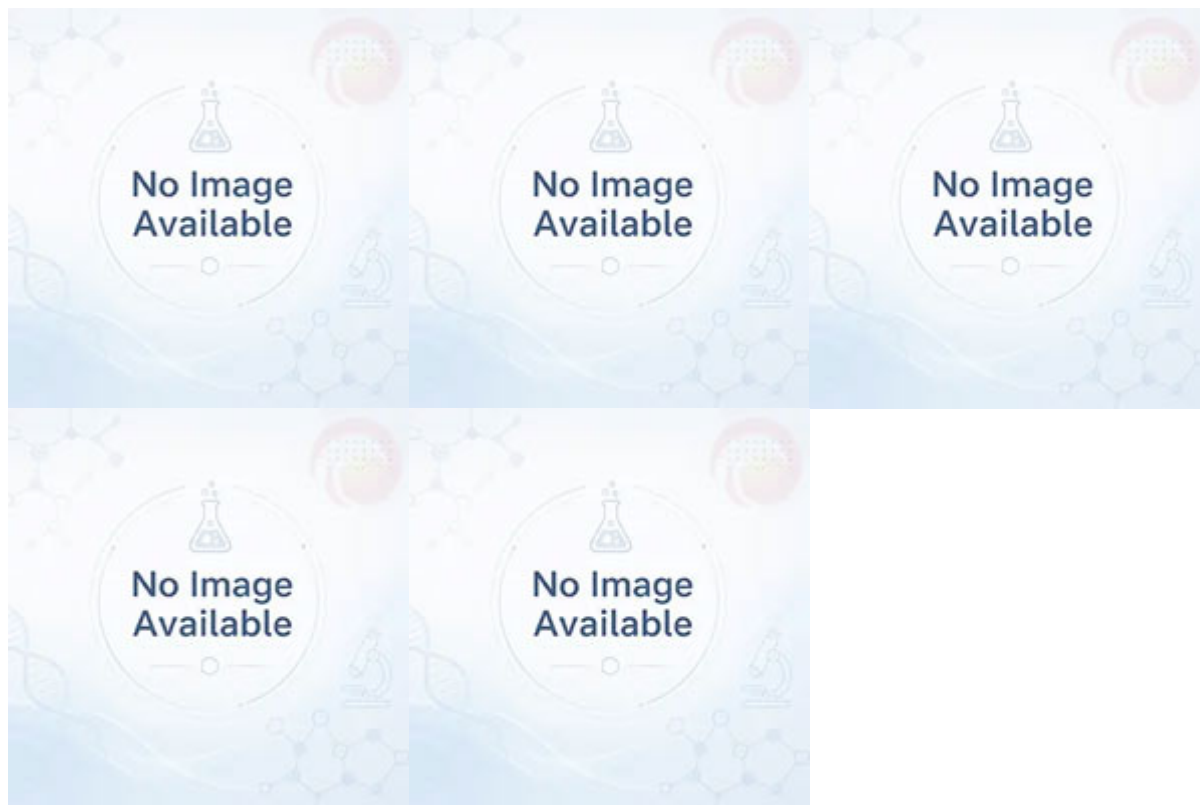
High-quality nylon planetary mill jar, metal-free for pure grinding. Ideal for precious metals, electronic ceramics, magnetic materials, and pigments. Durable and non-contaminating.





Product Introduction

Nylon ball mill jar is a high-quality grinding jar. Nylon jars do not contain metal impurities and are the preferred grinding jars for grinding various metals and high-end pigments. They can be widely used in precious metals, electronic ceramics, magnetic materials, pigments and coatings and other industries.



Technical parameters

Model specifications	Outer diameter (mm)	Inner diameter (mm)	Height(mm)
25ML	63	31	65
50ML	63	43	59
100ML	68	48	76
250ML	88	68	98
500ML	108	88	115
1L	133	109	142
1.5L	133	109	178
2L	158	134	172
2.5L	158	134	202
3L	158	138	210
4L	178	158	226
5L	218	190	217
10L	246	218	307
15L	273	243	372
20L	320	285	359
25L	320	285	424

Note: 5L-25L ball mill tanks are covered with stainless steel. Please call us for wall thickness specifications.

Various sizes can be customized according to customer needs.

Product Features

1. Smooth appearance;
2. Higher hardness ;
3. Resistant to various solvents (such as acetone, alcohol) ;
4. Impact resistance ;
5. Good toughness ;
6. High wear resistance ;
7. Not easy to contaminate products ;
8. Long service life ;
9. High grinding efficiency ;
10. The raw materials are processed from imported materials.

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.