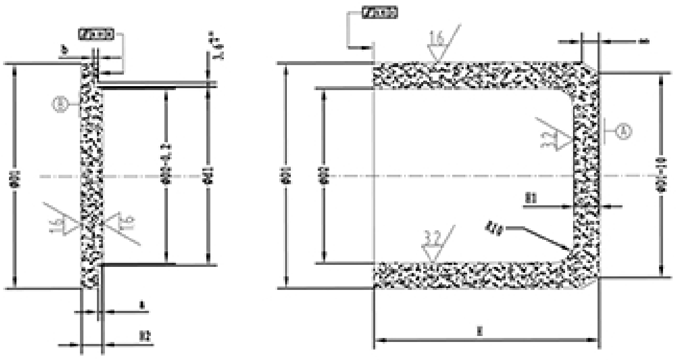
Overview

Zirconia planetary mill jar has advantages of wear resistance, high strength, small wear, it has no impurity. Zirconia material has good performance in terms of high hardness, high strength, high toughness, high wear resistance and good chemical corrosion resistance. It has been widely applied in many fields of ceramic, refractory, mechanic, electronic, optics, optical fiber communication, watch ornaments, aerospace, biology, chemical industry and so on.

Pure zirconia is a kind of high fire-resistance material with melting point is 2715℃, which improves the viscosity temperature and enlarge the temperature range of viscosity change, further zirconia has good thermal stability. when its content amounts to 2%-3% it improves greatly performance in cracking resistance of glaze. It improves glaze′ s chemical stability and ability in acid resistance and alkali

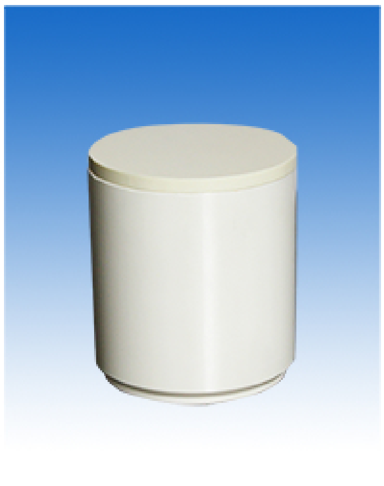
Zirconia Planetary Mill Jar

Dimensions



规格	D1	D2	H	H1	H2	a	b	d1	O型圈规格
0.05L	55	38	60	8	9	2	2.75	39.2	3.55×Φ38.7
0.1L	65	50	66	8	11	2	2.75	51.1	3.55×Φ50
0.25L	92	74	78	8	12	2	2.75	75.6	3.55×Φ75
0.5L	100	84	108	8	12	2	2.75	85.6	3.55×Φ85
1L	128	108	138	10	13	2.5	2.75	115.8	3.55×Φ115
1.5L	132	112	158	10	13	2.5	2.75	115.8	3.55×Φ115
2L	158	138	150	10	15	3	2.75	140.8	3.55×Φ140
2.5L	158	138	180	10	15	3	2.75	140.8	3.55×Φ140
3L	158	138	208	10	15	3	2.75	140.8	3.55×Φ140

Zirconia Planetary Mill Jar



Zirconia Planetary Mill Jar

Chemical composition

Element	Share %
ZrO_2	94.48
Y_2O_3	5.15
TiO_2	0.0018
P	< 0.035
SiO_2	0.007
Fe_2O_3	0.0009
S	< 0.03
N	< 0.25

Parameters of Zirconia Planetary Mill Jar

Model	Outside Diameter (mm)	Internal Diameter (mm)	Height (mm)
50ml	55	38	67
100ml	65	50	75
250ml	92	74	88
500ml	100	84	118
1L	128	108	148.5
1.5L	132	112	175.5
2L	158	138	162
2.5L	158	138	192
3L	158	138	220
4L	205	175	231
5L	192	170	254