

# World's toughest tubes



## Small Bead Beating Tubes (2.0 ml and 0.5 ml)

	Catalog No.	Description	Quantity
<b>1</b>	13118-50	0.1 mm Glass Bead Tubes	50 x 2.0 ml
<b>2</b>	13116-50	0.5 mm Glass Bead Tubes	50 x 2.0 ml
<b>3</b>	13122-50	0.15 mm Garnet Bead Tubes	50 x 0.5 ml
<b>4</b>	13123-50	0.7 mm Garnet Bead Tubes	50 x 2.0 ml
<b>5</b>	13121-50	0.25 mm Carbide Bead Tubes	50 x 0.5 ml
<b>6</b>	13113-50	1.4 mm Ceramic Bead Tubes	50 x 2.0 ml
<b>7</b>	13114-50	2.28 mm Ceramic Bead Tubes	50 x 2.0 ml
<b>8</b>	13117-50	2.38 mm Metal Bead Tubes	50 x 2.0 ml

[www.mobio.com](http://www.mobio.com)

## Bead Beating Tubes

- ✓ Efficient & consistent hands-off sample homogenization
- ✓ Compatible with all bead beating machines

Bead beating is the most effective and versatile biological sample lysis method available. MO BIO offers you the ultimate flexibility when lysing and processing virtually any biological sample. Choose from either optimized kits that employ the bead beating lysis method or individual bead tubes for designing your own sample disruption and lysis protocols.



# Bead Beating Tubes

## **Glass Bead Tubes (0.5 mm & 0.1 mm):**

These glass beads are ideal for breaking open microorganisms such as bacteria, fungi, yeast, and spores and are available in two sizes.

## **Garnet Bead Tubes (0.15 mm & 0.70 mm):**

Garnet matrix achieves sample disruption faster than other beads due to the fact that particles have sharp cutting edges and give optimal results with just a vortex. These inert mineral particles do not bind nucleic acids.

## **Carbide Bead Tubes (0.25 mm):**

The carbide matrix is highly effective when isolating RNA from microbes or soil. The beads have an average size of 0.25 mm

## **Metal Bead Tubes (2.38 mm):**

These high density metal beads are particularly effective in grinding difficult samples and are made with Tough Tubes, the strongest tubes available on the market. Great for plant and seed samples.

## **Ceramic Bead Tubes (1.4 mm & 2.8 mm):**

Strong and inert, ceramic beads are versatile for human, animal and plant tissue. The large 2.8 mm bead tubes are made with Tough Tubes and can be used to process RNA from tissues and plants challenging samples such as fresh bone. The 1.4 mm small ceramic beads are perfect for low sample volumes.

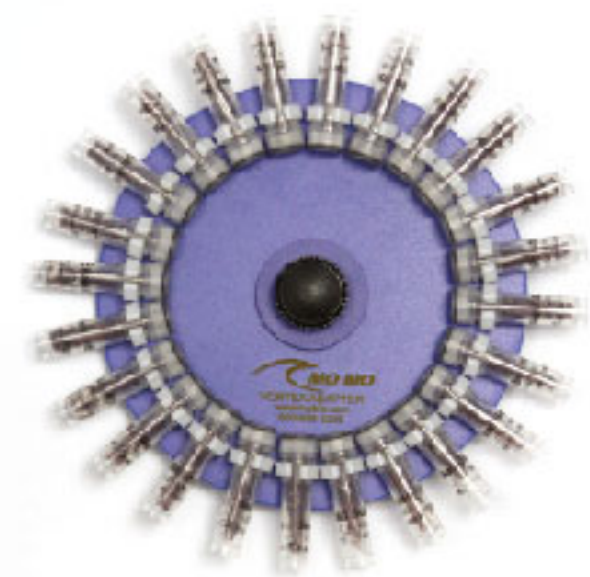
More information at:

**[www.mobio.com](http://www.mobio.com)**

## Related Products

## Vortex Adapters

Adapters for shaking tubes of various sizes using the Vortex Genie® 2 Vortex



Vortex Adapter 13000-V1-24  
Holds 24 (1.5 - 2.0 ml) Tubes



Vortex Adapter 13000-V1-5  
Holds 6 (5.0 ml) Tubes



Vortex Adapter 13000-V1-15  
Holds 4 (15 ml) Tubes



Vortex Adapter 13000-V1-50  
Holds 2 (50 ml) Tubes

Vortex Adapters are available for 1.5-2.0 ml microfuge, and 5 ml, 15 ml, and 50 ml tubes for bead beating, long mixing times, and custom applications.