

Ball & Ring Apparatus

Gravesande's



HL0200-001

Brass Ball & Ring

Description:

Standard pattern Ball and Ring apparatus. The brass ball is sized to fit the brass ring accurately so that if the ball is far hotter than the ring or the ring is far cooler than the ball, the ball will not pass through the ring. When both are the same temperature, the ball will pass through the ring.

If the ball is at room temperature (or preferably warmed) and the ring is cooled in iced water, the ball will no longer pass through the ring.

If the ball is heated to a higher temperature and the ring is at room temperature, again the ball will no longer pass through the ring.

The ball is provided with a chain which attaches it to the ring and the handle so that it cannot be separated and lost. Also, the chain can be used to suspend the ball while it is being heated. The chain is used to support the hot ball when placing it into the ring.

Caution:

- ALWAYS provide supervision when this equipment is being used.
- Never overheat the ball. The ball needs to be hot, but over a gas flame it will heat very quickly, so try the fit of the ball into the ring from time to time so as not to overheat the ball. Use an open flame cautiously and perhaps hold the ball with tongs while heating it so as not to overheat the chain.
- Have an insulating mat on the bench to prevent the hot ball from damaging the bench. Be sure the ball cools sufficiently before anyone touches it.

Length: 220mm	Ball Diameter: 20mm	Weight: 80g
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Designed and manufactured in Australia

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