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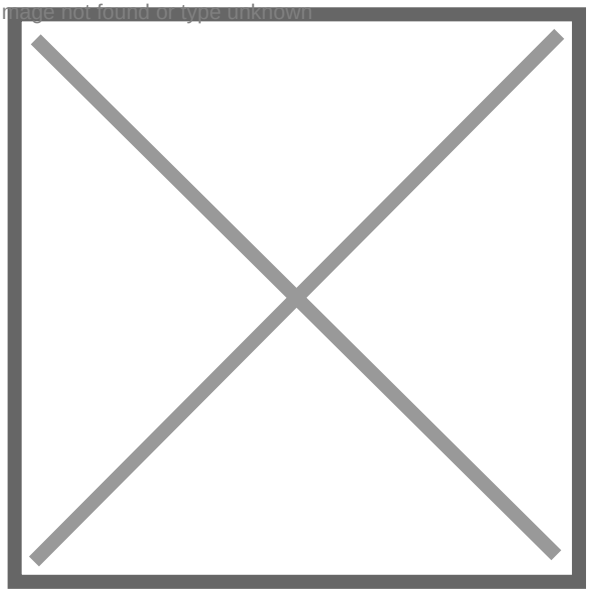
Product Name :

Steel Ball

Product Code :

SCL-316/056

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Description :

Steel Ball (Product Code: SCL-316/056) is a round steel ball of 2.5 cm diameter used for rolling, falling and collision experiments in school physics laboratories. Teachers use it on inclined planes and tracks, and its silver steel surface and compact size make it easy to handle and track by eye. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, for mechanics lab equipment needs in India.

Specifications

Parameter	Detail
Material	Steel
Diameter	2.5 cm
Shape	Round
Colour	Silver
Product code	SCL-316/056
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Steel Ball Used For?

A steel ball is a simple, dense mass for motion experiments. Rolled down an inclined plane it shows acceleration and the change from potential to kinetic energy; dropped from a measured height it can be timed for free fall; and two balls meeting on a track illustrate momentum transfer. Its round shape lets it roll freely along a guide.

Use a groove or channel to keep the ball on course in rolling experiments, and catch it on a rubber pad or in a tray after a fall so it does not dent benches or floors. Wipe it dry after handling to prevent rust spots, and measuring its diameter with a Vernier calliper makes a quick warm-up exercise.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, Ambala, which supplies this steel ball for school and college mechanics practicals. For vendor registration and export paperwork, the supplying company holds Importer-Exporter Code AAECJ8618A (DGFT) and GSTIN 06AAECJ8618A1ZT. Further background is on the ScienceLab company profile.

Related Physics Lab Equipment

Apparatus used with the steel ball in mechanics practicals:

- Inclined Plane with Roller & Pan — rolling the ball down a set incline
- Rubber Pad — cushioning the ball where it lands
- Stop Clock — timing rolling or falling motion
- Vernier Calliper — checking the diameter of the ball

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