

IEC 60335-2-3 Steel Cylinder

Clause 20.102 Ironing Board Impact Stability Test

Standard steel test weight for repeatable 3J impact energy testing of ironing boards.

3J IMPACT TEST



Quick Specification

Applicable Standard

IEC 60335-2-3 Clause 20.102

Test Object

Ironing boards

Cylinder Size

Diameter 50 mm $\pm$ 0.25 mm; Height 33 mm $\pm$ 0.165 mm

Mass

0.5 kg $\pm$ 0.01 kg

Impact Energy

3J, through the required test setup

Material

Steel test body for laboratory use



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Key Information

Defined Test Body

Steel cylinder test weight for Clause 20.102 ironing board impact stability verification.

Repeatable Impact

Specified mass and geometry help reduce variation in laboratory impact testing.

Documentation Support

Product specification, inspection record or calibration support can be confirmed before order.

Product Overview

The IEC 60335-2-3 Steel Cylinder provides a defined steel test body for evaluating the impact stability of ironing boards. It is used as part of the required impact arrangement so that the board's stability and structural safety can be checked under a repeatable laboratory setup. Before formal testing, the cylinder diameter, height, mass and surface condition should be checked against the specified requirements.

Technical Parameters



Parameter	Specification
Product name	IEC 60335-2-3 Steel Cylinder
Applicable standard	IEC 60335-2-3 Clause 20.102
Product type	Steel cylinder test weight / standard test accessory
Test object	Ironing boards
Test purpose	Impact stability testing
Material	Steel
Diameter	50 mm $\pm$ 0.25 mm
Height	33 mm $\pm$ 0.165 mm
Mass	0.5 kg $\pm$ 0.01 kg
Impact energy	3J, applied through the required test setup
Typical users	Manufacturers, testing laboratories and QC departments

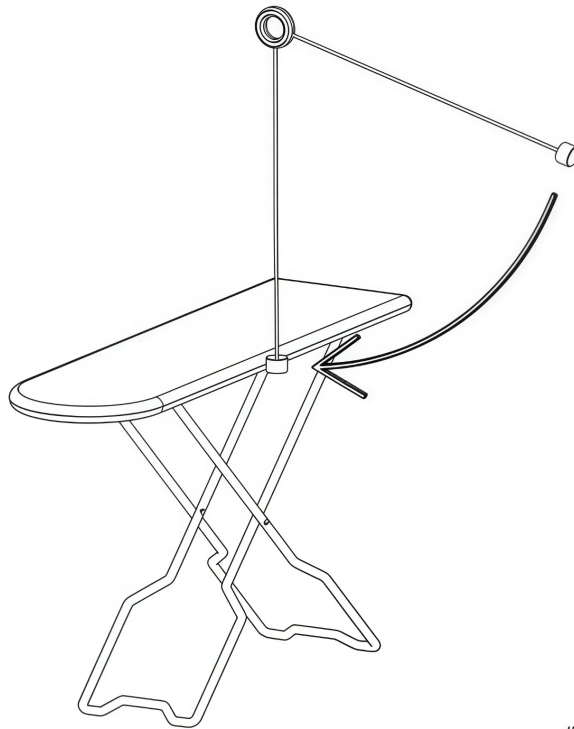
Test Method Notes

- Use the steel cylinder only as part of the complete Clause 20.102 impact arrangement.
- Confirm the impact position, ironing board condition, sample placement and acceptance criteria according to the applicable laboratory procedure.
- Do not replace the specified cylinder with a non-standard object, because size, mass and contact behavior can affect test repeatability.
- Inspect the cylinder for dents, corrosion, burrs or deformation before formal testing.

Ordering and Documentation Support

KingPo can provide product confirmation, quotation and documentation support according to order requirements. Please confirm the applicable standard, required cylinder size, mass, quantity, documentation requirement and delivery schedule before purchase.

Application Setup Reference



IEC

Reference setup diagram for ironing board impact stability testing

Product Views



Main view



Top-angle view



Detail view

Technical Inquiry & Configuration Support

For quotation or documentation confirmation, please share the applicable clause, quantity, certificate needs and delivery schedule.

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