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GRID SIEVES AZA0972

The AZA0971 Length Gauge is a precision-engineered instrument used for determining the Elongation Index of coarse aggregates, a critical parameter in assessing aggregate shape characteristics.

Aggregate shape significantly influences the strength, compaction, workability, and durability of concrete and bituminous mixes. The AZA0971 enables accurate identification of elongated particles, ensuring compliance with construction specifications and improving overall material performance in infrastructure projects.

Key Functional Features

Heavy-Duty Construction

- Fabricated from:
 - Stainless steel
 - Galvanized steel
- Ensures long service life under abrasive conditions

Precision-Welded Grid Structure

- Uniform grid openings
- Accurate and consistent particle separation

Corrosion & Abrasion Resistance

- Suitable for outdoor and field use
- Resistant to moisture and harsh environments

Robust Frame Design

- Strong steel ring construction
- Maintains dimensional stability under load





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TECHNICAL SPECIFICATION

Parameter	Specification
Model	AZA0972
Sieve Type	Grid Sieve (Coarse Screening)
Material	Stainless Steel / Galvanized Steel
Grid Type	Square / Rectangular
Opening Size Range	10 mm to 100 mm
Frame Diameter	300 mm (standard) / Custom available
Frame Construction	Precision-welded steel ring
Surface Finish	Polished / Rust-proof coated
Compatibility	Manual & mechanical sieve shakers
Weight	Approx. 1.5 – 3 kg per sieve
Compliance	ASTM D6913, IS 2720 (Part 4)

Standards Compliance

The AZA0972 Grid Sieves are manufactured in accordance with:

- ASTM D6913 – Particle Size Distribution (Gradation) of Soils Using Sieve Analysis
- IS 2720 (Part 4) – Grain Size Analysis of Soils

Ensuring compatibility with international and national testing protocols.