AGGREGATE > PARTICLE SHAPE

AGGREGATE SHAPE GAUGE

Code : R036



- The Aggregate Shape Gauge is designed to determine the shape index of coarse aggregate particles by assessing the ratio of length to thickness.
- This evaluation is essential for understanding aggregate shape characteristics, which can significantly influence the mechanical properties and durability of construction materials.
- The gauge facilitates the classification of individual particles, identifying those with a length-to-thickness ratio exceeding 3:1, which are considered elongated.
- Constructed from durable steel, the device ensures longevity and compliance with international testing standards.
- The shape index is calculated as the mass percentage of elongated particles relative to the total dry mass of the sample.

STANDARDS

EN 933-4

TECHNICAL SPECIFICATIONS

- Material: Steel
- Measurement Capability: Determines shape index by assessing length-to-thickness ratio of aggregate particles
- Classification Threshold: Identifies particles with length-to-thickness ratio greater than 3:1

ORDERING INFORMATION

Item Name	Item Code
SHAPE GAUGE (Shape Index)	R036X00EH