

Particle Shape

TG-202

Elongation Index Test Apparatus

Elongation index

IS 2386-1

Length gauge for measuring the elongation index of coarse aggregate to IS 2386 (Part 1).

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Description

Use this gauge to find the elongation index of an aggregate: the percentage by weight of particles whose length (greatest dimension) is more than 1.8 times their mean dimension.

Pins are set for each size fraction: 50 to 40, 40 to 31.5, 31.5 to 25, 25 to 20, 20 to 16, 16 to 12.5, 12.5 to 10 and 10 to 6.3 mm. Particles smaller than 6.3 mm are not tested.

Supplied ready for use with operating manual and test certificate. Contact us for configuration options, accessories and calibration services.

Technical specifications

Test	Elongation index
Size fractions	50–40 to 10–6.3 mm
Gap between pins	1.8 × mean sieve size
Minimum particle size	6.3 mm