

STANDARD: BS 812

## LENGTH GAUGE 47-D0541

Used for determining the elongation index of aggregates. Aggregates particles are considered elongated when their length is more than 1.8 of their nominal size.

Dimensions: 310 x 30 x 15 mm

Weight approx.: 1 kg

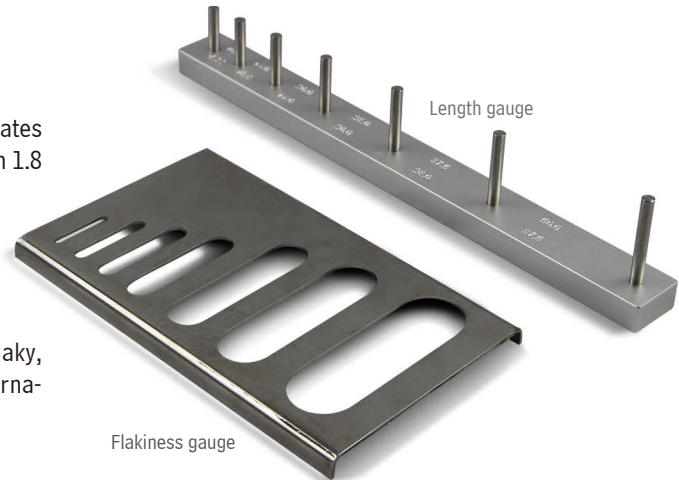
## FLAKINESS GAUGE 47-D0540

Used to determine if aggregate particles are to be considered flaky, i.e. their thickness is less than 0.6 of their nominal size. As alternative, for large sample analysis please refer to Flakiness sieves.

Dimensions: 383x150x6 mm

Weight: approx.: 600 g

\*To evaluate the flakiness and the elongation index of the aggregate particles, suitable sieves codes 47-D0415/x.



## FLAKINESS SIEVE 47-D0415

Aggregate particles are considered as flaky when their thickness is less than 0.6 of their mean sieve size.

Aggregate to be classified is separated into seven sieve fractions from 6.3 to 63 mm and each fraction is examined separately. The dimensions of each sieve comply with the relevant International Standard, manufactured from heavy gauge steel sheet and coated with electrostatic paint.



THE ACCURACY OF THE SLOT SIZE IS BETTER THAN 0.1 MM

Model	Slot dimension
47-D0415/1	4.9x30 mm
47-D0415/2	7.2x40 mm
47-D0415/3	10.2x50 mm
47-D0415/4	14.4x60 mm
47-D0415/5	19.7x80 mm
47-D0415/6	26.3x90 mm
47-D0415/7	33.9x100 mm

## GRID SIEVES 47-D0418

Used to determine the flakiness index of aggregates.

Aluminium frame and steel bars.

Model	Opening dimension
47-D0418/1	2.5 mm
47-D0418/2	3.15 mm
47-D0418/3	4.00 mm
47-D0418/4	5.00 mm
47-D0418/5	6.30 mm
47-D0418/6	8.00 mm
47-D0418/7	10.00 mm
47-D0418/8	12.50 mm
47-D0418/9	16.00 mm
47-D0418/10	20.00 mm
47-D0418/11	25.00 mm
47-D0418/12	31.50 mm
47-D0418/13	40.00 mm
47-D0418/14	50.00 mm

