AGGREGATE > PARTICLE SHAPE

GRID (BAR) SIEVE SET

Code : R038



- The Grid (Bar) Sieve Set is designed to determine the flakiness index of coarse aggregates by identifying particles with a thickness less than 0.6 times their nominal size, as per EN 933-3 standards.
- This evaluation is critical in assessing aggregate shape characteristics, which can significantly influence the mechanical properties and durability of construction materials.
- The set includes 14 sieves, each with precisely spaced parallel steel bars fixed within a robust frame, ensuring accurate and consistent measurements across various aggregate sizes.
- Constructed from durable materials, the sieves are designed to withstand rigorous laboratory use, maintaining compliance with international testing standards.
- Each sieve corresponds to specific slot widths, facilitating comprehensive analysis of aggregate samples ranging from 2.5 mm to 50 mm.
- Grid (Bar) Sieves can be purchased individually or as a set.

STANDARDS

EN 933-3

TECHNICAL SPECIFICATIONS

- Set of 14 Sieves
- Slot Widths:
  - 2.50 mm
  - 3.15 mm
  - 4.00 mm
  - 5.00 mm
  - 6.30 mm
  - 8.00 mm
  - 10.00 mm
  - 12.50 mm
  - 16.00 mm
  - 20.00 mm
  - 25.00 mm
  - 31.50 mm
  - 40.00 mm
  - 50.00 mm
- Material: Steel frame with parallel steel bars

ORDERING INFORMATION

Item Name	Item Code
GRID (BAR) SIEVE (Flakiness Index) - 2.50 mm	R038P001H
GRID (BAR) SIEVE (Flakiness Index) - 3.15 mm	R038P002H
GRID (BAR) SIEVE (Flakiness Index) - 4.00 mm	R038P003H

GRID (BAR) SIEVE (Flakiness Index) - 5.00 mm	R038P004H
GRID (BAR) SIEVE (Flakiness Index) - 6.30 mm	R038P005H
GRID (BAR) SIEVE (Flakiness Index) - 8.00 mm	R038P006H
GRID (BAR) SIEVE (Flakiness Index) - 10.00 mm	R038P007H
GRID (BAR) SIEVE (Flakiness Index) - 12.50 mm	R038P008H
GRID (BAR) SIEVE (Flakiness Index) - 16.00 mm	R038P009H
GRID (BAR) SIEVE (Flakiness Index) - 20.00 mm	R038P010H
GRID (BAR) SIEVE (Flakiness Index) - 25.00 mm	R038P011H
GRID (BAR) SIEVE (Flakiness Index) - 31.50 mm	R038P012H
GRID (BAR) SIEVE (Flakiness Index) - 40.00 mm	R038P013H
GRID (BAR) SIEVE (Flakiness Index) - 50.00 mm	R038P014H
GRID (BAR) SIEVE SET (Flakiness Index)	R038X00EH