

## **CAPPING SET (VERTICAL)**

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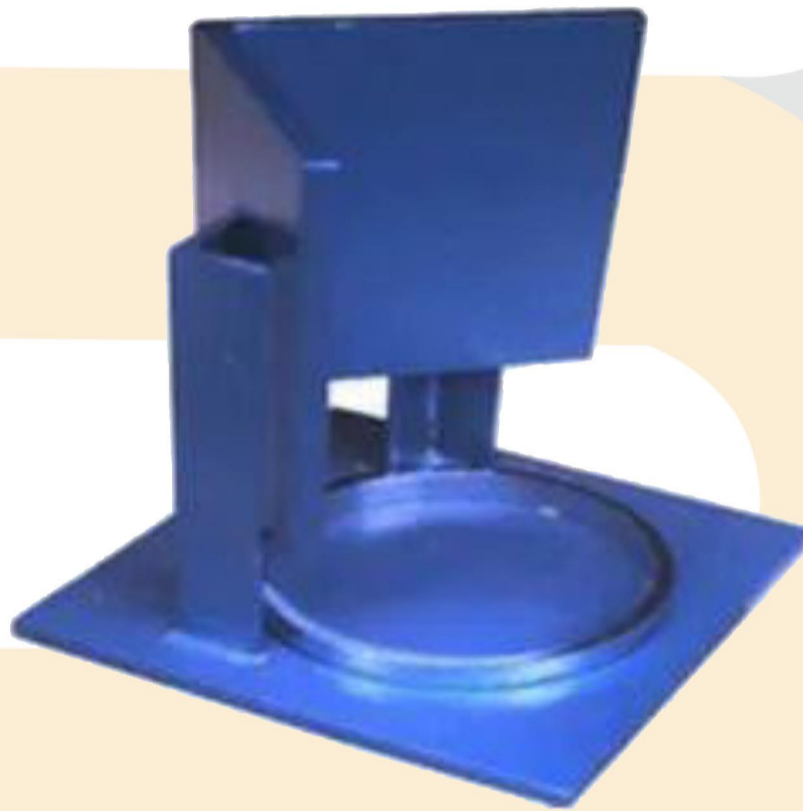
### **BE 63**

A **capping set (vertical)** is used to ensure that the ends of concrete cylinder specimens are flat and parallel for compressive strength testing. This is critical because uneven or non-parallel surfaces can lead to inaccurate test results, as the load applied during the test may not be uniformly distributed.

The capping process typically involves applying a thin layer of capping material (such as sulfur-based compounds or high-strength gypsum) to the ends of the cylinder using a capping set. The vertical capping set ensures precise alignment and a smooth, level surface. This preparation allows for reliable and repeatable compressive strength test results, which are vital for assessing the quality and performance of concrete in construction projects.

### **FOLLOWING STANDARD**

IS:516, BS:1881, ASTM C31, ASTM C617



**BALAJI ENTERPRISES**