CUBE MOULD

BE 79

A **cube mould** (also spelled "cube mold" in American English) is a specialized tool used in construction materials testing, particularly for casting cubic specimens of concrete, cement, mortar, or grout. These specimens are then tested for compressive strength, which is a critical measure of material durability and quality in building projects. The molds come in standard sizes like 2 inches (50mm), 6 inches (150mm), or metric equivalents, and are designed to produce precise, uniform cubes for reliable lab or field testing.

Cube moulds adhere to standards from organizations like ASTM (American Society for Testing and Materials) and AASHTO, ensuring consistency in testing procedures. They are typically reusable and made from durable materials to withstand repeated use with abrasive materials like cement.

COMMON TYPES AND MATERIALS

MODEL	TYPE	MATERIAL	SIZE OPTIONS	KEY FEATURES	TYPICAL USE
BE 79-01	Plastic Cube Mould	Reinforced plastic (heavy-duty engineered plastic)	150x150mm (6x6in), single-cavity	One-piece design with ribs for strength; lightweight and corrosion-resistant; easy to clean.	General concrete compressive strength testing; mortar penetration tests.
BE 79-02	Steel Cube Mould	Heavy-duty steel with base plate	50mm, 100mm, 150mm (2in, 4in, 6in); single or multi-cavity	Two-part construction; rugged for high-volume use; includes base for stability.	Compression testing of cement, mortar, and grout; field or lab environments.
BE 79-03	Brass Cube Mould	Forged brass with guide pins and wing nuts	50mm (2in); 3-gang (three cavities)	Screened upper surface; diagonal or parallel arrangement; detachable base.	Screened upper surface; diagonal or parallel arrangement; detachable base.
BE 79-04	Stainless Steel Cube Mould	Stainless steel with angles and studs	50mm (2in); 3-gang parallel	Resistant to acids and mild corrosives; secure clamping.	Mortar and cement tensile/compressi ve tests; high-precision applications.
BE 79-05	Econ-O-Cube (Multi-Gang)	Engineered plastic	150mm; 3-gang diagonal	Casts three cubes at once; includes covers and base; resists cement buildup.	Efficient batch testing for concrete or grout quality control.