CONSTANT VOLUME MOULD AZA0894

The AZA0894 Constant Volume Mould is a precision-engineered apparatus designed for the preparation of remoulded soil specimens used in triaxial compression and unconfined compression tests. Maintaining a constant specimen volume during compaction is essential for ensuring accurate, repeatable, and comparable geotechnical test results.

The AZA0894 enables controlled specimen preparation with uniform geometry and minimal deformation, supporting both dynamic and static compaction methods. Manufactured with high-precision components, it is widely used in geotechnical laboratories, academic institutions, construction quality control, and research facilities.

Key Features & Benefits

- Maintains constant specimen volume for high accuracy
- Suitable for dynamic and static compaction methods
- Precision-machined components for repeatability
- Quick ejection system for easy specimen removal
- Interchangeable components for multiple configurations
- Robust, corrosion-resistant construction for long service life

Available Models

AZA0894A

- Specimen size: 38 mm × 76 mm
- Includes split mould, end plugs, ejecting plunger, and split collar

AZA0894B

- Specimen size: 50 mm × 100 mm
- Includes split mould and end plugs (plunger optional)

TECHNICAL SPECIFICATION

Model	Specimen Size	Split Mould Dimensions	End Plug Dimensions	Ejecting Plunger
AZA0894A	38 mm dia × 76 mm	38 mm dia × 126 mm	38 mm dia × 25 mm (pair)	38 mm dia × 126 mm
AZA0894B	50 mm dia × 100 mm	50 mm dia × 178 mm	50 mm dia × 39 mm (pair)	Not included
Accessories	Various configurations	38 mm dia × 76 / 86 mm	—	—

Optional Accessories

- Split mould: 38 mm × 76 mm
- Split mould: 38 mm × 86 mm
- Additional collars and end plugs
- Custom configurations (on request)

Applications

- Triaxial Shear Test Specimen Preparation
- Unconfined Compression Testing
- Soil Strength & Deformation Studies
- Academic & Research Laboratories
- Construction & Geotechnical Quality Control