AUGER POSTHOLE TYPE AZA0916

The AZA0916 Auger Posthole Type from Azalab is a manually operated soil boring and sampling tool designed for efficient excavation and retrieval of soil samples during geotechnical, agricultural, and environmental investigations.

Featuring a posthole-style cutting head, the auger is engineered for effective penetration into compacted soils, enabling rapid sampling with minimal disturbance to soil strata. Its robust, portable design makes it particularly suitable for remote locations and sites where mechanical drilling is impractical.

Key Features

- No power requirement – fully manual operation
- Lightweight and easy to transport
- Effective for quick field sampling and profiling
- Cost-efficient alternative to mechanical drilling
- Reliable performance in soft to moderately dense soils

Standards & Usage Guidelines

While augers are not precision measuring instruments, the AZA0916 is used in accordance with established soil investigation practices:

- ASTM D1452 – Soil Investigation and Sampling by Auger Borings
- IS 2720 (Part 1) – Preparation and general requirements for soil testing

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TECHNICAL SPECIFICATION

Feature	Specification
Model	AZA0916
Tool Type	Manual Auger – Posthole Type
Blade Diameter	100 mm to 150 mm (customizable)
Blade Material	Carbon Steel / Stainless Steel
Handle Length	1.0 – 1.2 m (extendable)
Handle Material	Tubular Steel with Rubber Grip
Maximum Boring Depth	1.5 – 2.5 m (with extensions)
Weight	Approx. 6 – 10 kg
Operation	Manual
Application	Soil Sampling & Field Boring
Suitable Soil	Soft to Medium Dense Soils
Standards	ASTM D1452, IS 2720 (Part 1)