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## **SPLIT SPOON SAMPLER AZA0918**

The AZA0918 Split Spoon Sampler from Azalab is a precision-engineered soil sampling device designed for use in the Standard Penetration Test (SPT) and subsurface geotechnical investigations.

Its split-barrel construction allows for easy opening, inspection, and removal of soil samples with minimal disturbance, making it highly suitable for soil classification, density evaluation, and strength assessment.

During operation, the sampler is driven into the soil at the base of a borehole using a standard drop hammer, and the number of blows required for penetration (SPT N-value) provides critical data for evaluating soil consistency, density, and bearing capacity in accordance with international standards.

### **Key Features**

- Enables recovery of representative soil samples for laboratory testing
- Provides reliable SPT N-values for geotechnical design
- Split-barrel design ensures quick and safe sample removal
- Heavy-duty construction for repeated field use
- Compatible with standard drill rods, drive heads, and SPT systems
- Supports use of liners for improved sample preservation

### **Standards Compliance**

- ASTM D1586 – Standard Test Method for Standard Penetration Test (SPT) and Split-Barrel Sampling of Soils





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### TECHNICAL SPECIFICATION

Parameter	Specification
Model	AZA0918
Product Type	Split Spoon Sampler (SPT)
Standard Compliance	ASTM D1586
Sampler Diameter	2" (50.8 mm) / 1.375" (34.9 mm)
Overall Length	18" – 24" (customizable)
Material	Heat-treated alloy / carbon steel
Drive Head Thread	1-1/2" NC or 1-3/8" NC
Cutting Shoe	Detachable, hardened steel
Liners	Optional (PVC / Stainless Steel / Acrylic)
Weight	Approx. 5 – 6 kg
Application	SPT & subsurface soil sampling