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*The world's finest
sampling equipment.*

Hollowstem Auger Kit w/o Drill

DESCRIPTION:

The AMS Hollowstem Auger Kit includes two 3 foot augers and two 3 foot extensions with an AMS Roto-Hammer Drill. Also included is a special AMS Soil Probe with Slide Hammer used to sample from within the augered 3 inch (7.6cm) by 6 feet (1.8m) access hole. The Auger comprises a carbon steel 3 foot lead auger with tip, inner rod and plug plus a 3 foot extension with inner rod and adapter cap. The tip is coated with a tungsten carbide hard surface. All coupling are threaded.

BENEFITS AND FEATURES:

AMS Roto-Hammer driven Hollowstem Augers are designed to rapidly penetrate most types of soils. Rugged construction with auger flights designed to penetrate and remove soils easily. The removable inner rods and lower plug seal the inside of the auger during drilling. The hole is cased by this auger as it passes through the soils. The special AMS soil probe allows collection of a soil sample through the auger.

The AMS Hollowstem Auger is the most efficient portable Hollowstem available in terms of effort required and speed required to access a shallow sampling point with a "cased" hole. Directional drilling from horizontal to vertical in excavations or beneath buried objects is easily undertaken. The hard-surfaced bits extend useful life by reducing wear. May be used with the AMS Gas Vapor Probe System, Soil Probe and up to 7/8" (2.2cm) bailers.

USE:

Use the Hollowstem Auger for accessing a sampling point for soil, soil gas or shallow groundwater samples. This auger design seals the walls of the access hole and allows the sampling equipment to be directly placed at the sampling point. AMS Soil Gas Vapor Probes or Points, a special AMS soil probe or bailer may be deployed within this auger.

Assemble the lead auger with tip and inner rod with plug. Thread the adapter cap on the upper end, place the splined adapter in the hammer drill and attach thread end onto cap. Place at the desired angle on the soil surface and turn on. Add the auger extensions with inner rod and repeat until the sampling depth is reached, then remove cap, inner rods and plug. Insert the AMS Soil Probe with inner extensions, attach the Slide Hammer. Ensure threads are cleaned before reassembly, lubricate with common vegetable shortening if necessary. Decontaminate with a steam cleaner, soap & water. Always follow site specific decontamination protocol.

HELPFUL HINTS:

Use Fluoropolymer tape or plumber's which on 5/8" male threads used with a Slide Hammer to help the threads stay tight. Keep all fittings and samplers clean, dry and free of dirt or mud. You can clean tools with warm soapy water. Always dry to prevent rusting. Use a wire brush on the male threads. Use vegetable oil on tools to prevent fittings locking up and rusting.

SPECIFICATIONS:

The AMS Hollowstem auger, soil probe and slide hammer are manufactured by AMS from all U.S. made materials. All the auger components are made from carbon steel. The auger flights are continuous welded to the body, all coupling are threaded. The auger tip has a tungsten carbide hard surface.

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Cuts a 3" O.D. with an cutting tip I.D. of 1.10".

Hollow Stem Auger Kit is composed of the following items:

1- Lead auger w/tip inner rod & plug	3" x 3'	409.55
1- Auger extension w/inner rod	3" x 3'	409.57
1- Hollow Stem adapter cap	3"	409.61
1- Bosch 11223 EVS Hammer Drill		213.88
1- Splined drill adapter		405.27
1- Hollow Stem Soil Probe	7/8" x 2'	409.70
1- AMS Inner Rod, soil probe	7/8" x 2'	409.60
2- Crescent Wrenches		421.10
1- AMS Deluxe Case		430.01

ANCILLARY ITEMS:

AMS 3/4" x 3' Stainless Steel Bailer
AMS Soil Gas Vapor Probes

Hollowstem Auger Kit w/o Drill



Hollowstem Auger Kit w/o Drill

Size	Hollowstem Foughted Auger Kit w/o Drill
1 1/8" ID	409.80
3" OD	

Sampling Equipment

PowerProbe

Well Management

Pest Control

PowerCore