



AMS, Inc.
105 Harrison Street
American Falls,
Idaho 83211

*The world's finest
sampling equipment.*

800.635.7330
208.226.2017
fax: 208.226.7280
ams@ams-samplers.com
www.ams-samplers.com

Flighted Auger Kit w/o Drill

Technical Data Sheet • page 1 of 1

DESCRIPTION:

AMS Flighted Auger and extensions for drilling a 2 inch (5.1cm) x 9ft (2.7m) hole with a Roto-Hammer Drill plus an AMS Core Sampler with Slide Hammer. Included accessories are three, 4 foot (1.2m) Extensions, Roto-Hammer, Drill Adapter, tungsten carbide insert bit and nylon cleaning brush, all contained within an AMS Deluxe storage and transport case.

BENEFITS AND FEATURES:

For your convenience, all of the items necessary for accessing a soil sampling point and then taking the sample are supplied within these kits. The AMS Flighted Auger is the most efficient in terms of effort required and speed. The AMS Core Sampler is an industry standard for basic, undisturbed soil sampling. The rugged AMS Transport Case is water resistant and is made from glass-filled plastic for a long life.

By using specially designed flights and cutting bits with tungsten carbide hardened surfaces on both the bit edges and lead auger flights, the AMS Roto-Hammer driven Flighted Augers are designed to rapidly remove most types of soils. An insert type bit is also included. The Core Sampler features a heat treated coring tip on the cylinder and threaded end cap. All attachment couplings are 5/8" NC thread.

USE:

Assemble the Lead Auger with a bit and Roto Hammer with the SDS Max adapter. Place at the desired angle on the soil surface, and proceed with augering. Add auger extensions and repeat until point sampling depth is reached. Raise and lower the auger to clear the hole. Assemble the Core Sampler to an extension(S) and Slide Hammer. Place assembly into the hole and mark the extension 6 inches (5.1cm) above the soil surface. Use the Slide Hammer to drive in the sampler to the mark on the extension, and then carefully remove. Disassemble, remove the liner and place a cap on each end.

HELPFUL HINTS:

Use Flouropolymer tape or plumbers wick on 5/8" male threads to help keep threads stay tight. Keep all fittings and samplers clean, dry and free of mud or dirt. Clean tooling with warm soapy water, and always dry to prevent rusting. Use a wire brush to remove dirt male threads. Vegetable oil may also be used on tooling to prevent fittings from locking up and aid in rust prevention.

ANCILLARY ITEMS:

AMS Split Core Sampler, Soil Recovery Probes, Retaining Cylinders, End Caps, Inserts, Flouropolyme Film, Core Bits, Concrete Bits, Sieves, Sample Containers.

2" Flighted Auger Kit w/o Drill



2" Flighted Auger Kit w/o Drill

Size	Flighted Auger	Stainless Steel Flighted Auger
2"	209.61	209.63

Sampling Equipment

PowerProbe

Well Management

Pest Control

PowerCore