DESCRIPTION:

The AMS Frozen Soil Powered Auger Kit was designed to core through those dreaded frozen soil conditions. The Core Barrel Auger is equipped with carbide cutting teeth that are specifically designed to chew through tough frozen soil and pull relatively undisturbed cores inside the barrel. The inside diameter of the sampler is approx. 2in. The slot length on the core barrel allows you to grab 8” of sample recovery at a time. The kit utilizes the AMS Hex Quick Pin connection system which allows you to quickly connect & disconnect the extensions from the core barrel. Take core samples down to a depth of 3ft. No more fussing with galled & seizing threaded connections! The kit comes with the core barrel auger, two 1ft. hex quick pin extensions, two threaded/hex quick pin adapters, SDS–Max rotary hammer drill adapter, Idaho spoon cleanout tool, SST cleaning brush & one hard side carrying case with foam lining. The kit is designed to work with an SDS–Max rotary hammer drill, but may be adapted to a Tanaka TIA–350PFS Gas Drill for added portability.

Replacement Parts:

- Part# 10142 — 2–3/8” Earth Core Barrel Auger w/Carbide Teeth — 2.9 lbs
- Part# 58508 — (1–1/4” #7) threaded to Hex QP Adapter — 1.4 lbs
- Part# 55647 — Idaho Spoon (Cleanout Tool) — .80 lbs
- Part# 430.17 — 2” x 12” Stainless Steel Cleaning Brush — 1.5 lbs
- Part# 58509 — 1’ Hex QP Extension — 1.85 lbs
- Part# 424.62 — AMS Small Carrying Case — 5.5 lbs
- Part# 63310 — SDS–Max to Hex QP Adapter — 1 lb
Available Rotary Hammer Drills:

Part# 213.94 — Dewalt D25763K SDS–Max Rotary/Hammer Drill — 32 lbs

Accessories:

Part# 10141 — 2–1/4” Earth Core Barrel Auger w/ Carbide Teeth (regular soil conditions)
Part# 58511 — 1” Female Round–Hex QP (gas drill adapt.) — 2 lbs
Part# 213.78 — Tanka Tia–350 PFS Gas Drill — 17 lbs