



AMS Connection Types

Five connection types are available for AMS handles, hammers, extensions, auger heads, and samplers.

1. AMS 5/8in connections use national coarse threads. They are the least expensive connection.
2. Professional Series connections use 3/4in national coarse threads. They are the strongest and most durable connection type.
3. AMS Signature Series connections feature a heavier thread than 5/8in threaded connections, and they typically last longer. Signature components can be connected and disconnected with only 2 1/2 turns, and have less risk of galling. Our most popular slide hammers, augers, core samplers, and soil sampling kits are available with signature connections.
4. The AMS Quick Connect button-and-hex connection allows components to connect and disconnect faster and with less hassle than threaded or signature series systems. The torque is placed on the hex, which makes them durable and prevents the components from binding. Quick connect connections also allow for reverse augering with either a rubber-coated handle or ratcheting handle, but they are not compatible with slide hammers or the hammer-head handle.
5. The AMS C-Clip Connection uses the same hex design as AMS Quick Connect connections, but replaces the spring-loaded button with a heat-treated pin that can be hammered upon.

* Please refer to picture numbers for visual description.

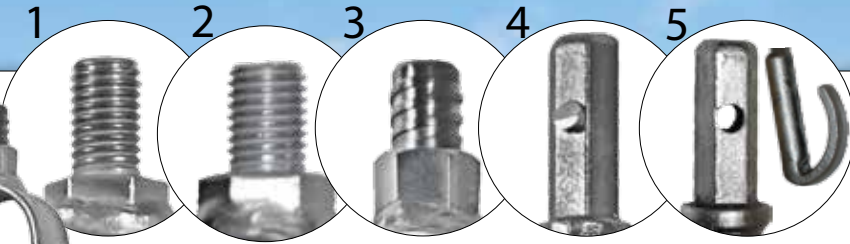


AMS Cross Handles

AMS 18in and 22in handles are made of chromoly and are coated with textured rubber. The 18in rubber-coated handles are available with signature series, 3/4in threaded, 5/8in threaded, and quick connect connections. AMS 22in models are only available with a 3/4in threaded connection and are used with 6in, 7in, and pro series augers. Ratcheting handles are available with each connection. They are made of durable carbon steel, and have an open-gear mechanism that allows for easy cleaning of the gear and cog. Quick connect ratcheting handles allow for reverse ratcheting.

AMS Extensions

Signature series extensions are available in zinc-coated chromoly for added rust resistance, or fiberglass to provide some protection against possible electric shock when working in areas where buried electric cables may be present. AMS 3/4in threaded connections are made of chromoly steel. AMS professional series 3/4in threaded connections are made of powder-coated chromoly. AMS 5/8in threaded and quick connect extensions are made of chromoly or stainless steel.



AMS Bucket Augers

AMS bucket augers are used for obtaining disturbed soil samples at or near the surface and for boring to depths where samples may be obtained with a soil sampler. They can also be used to bore deep holes and are generally only limited by the time and muscle of the user. Customers have augered deeper than 100ft using AMS augers in various soil conditions.

Augers are connected to extensions and handles with either a signature series thread, 3/4in threaded, 5/8in threaded, or quick connect hex connection type. One-piece and telescoping augers are also available.

AMS reinforced augers are specially designed for heavy-duty augering. They feature three additional gussets provide extra strength to help prevent the top of the auger from twisting or bending, which allow the augers to withstand unusual, and considerable amounts of power.

AMS augers are available in carbon steel and stainless steel models. Both models have stainless steel cylinders.

Carbon steel models feature heat-treated, high-carbon steel bits with tungsten carbide hard-surfaced edges. Stainless steel models have stainless steel bails, cylinders, and bits. Stainless steel augers are ideal for environmental sampling and EPA testing.



Add the 3/4in connection to your augers for only \$25.

The top gusset provides support to help prevent twisting. It is useful in very hard, rocky soils, or when the augered hole is exceptionally deep.

The two lower gussets help to prevent the bail from bending at the connection point.

AMS Mud Auger

Mud augers have an open cylinder design for easy removal of heavy, wet, or clay soils. They feature two openings that facilitate emptying as well as widely-spaced bits to ease entry of sticky soils.



AMS Sand Auger

Sand augers use a closed bit that helps to prevent the loss of sampled material during retrieval. The sand auger bits touch at their mid point to make the sand auger more reliable in loose, unconsolidated soil conditions.



AMS Reinforced Augers

Reinforced augers are adaptations of regular soil, mud, and sand augers. They feature three additional gussets welded to the body that provide extra strength to help prevent the top of the auger from twisting or bending – allowing the augers to withstand unusual, and considerable amounts of power. Reinforced augers are available in carbon steel and stainless steel models. See AMS Bucket Augers for more information on each material type.



AMS Professional Augers

Professional series augers feature the trusted AMS 3/4in threaded connection and have thicker (11 gauge) cutting teeth with stronger welds and extra tungsten carbide hard surfacing. They are also reinforced with extra gussets that help prevent the bail from bending or twisting when augering into hard or rocky soils, or when the borehole is exceptionally deep.

