

RS60 Soil Sampler

60 millimeter soil sampler ... A brute of a sampler with brains!

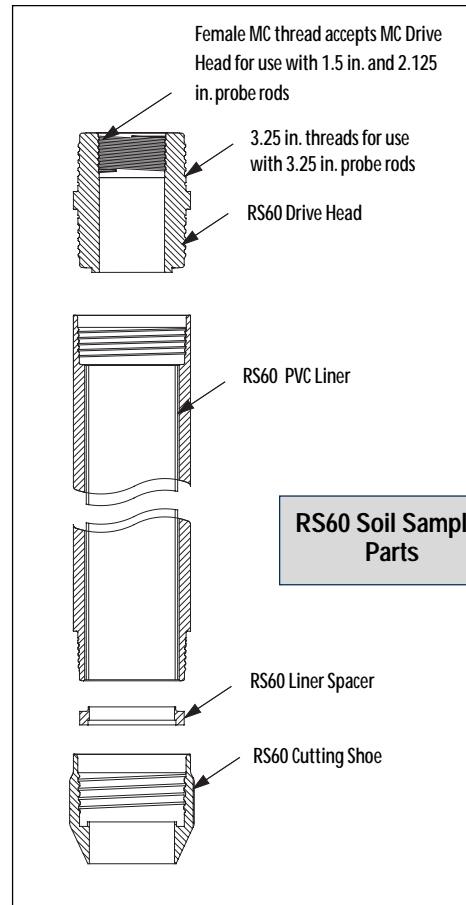
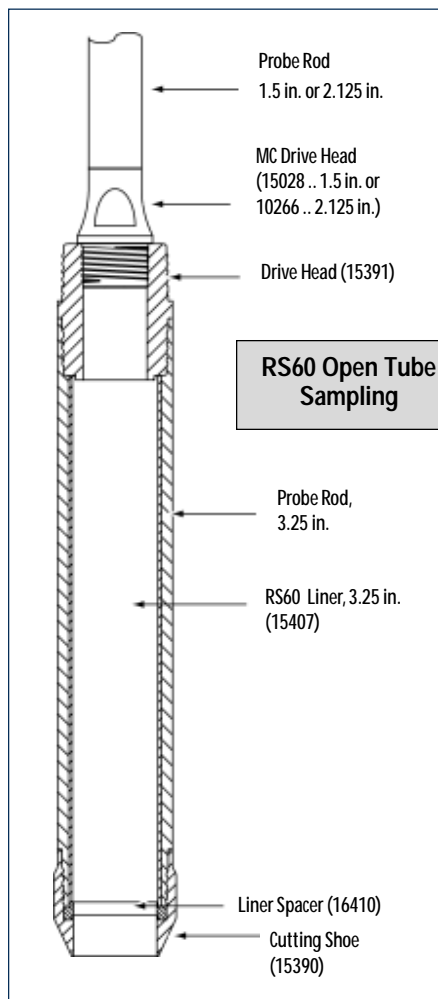
How smart is this new sampler? The RS60 is so smart that a universal drive head allows the sampler to work with either 3.25-, 2.125-, or 1.5-in. probe rods. A patented liner profile allows these liners to be safely cut with minimal effort. Plus, the liners are collapseable for maximum space savings in the box – a major plus for packaging and shipping.

Option 1: Open Tube Sampling

The largest member of the Geoprobe® soil sampler family, the RS60 sampler retrieves a soil core nearly 2.5 in. (60 mm) in diameter and is widely used where large soil cores are needed. A 3.25 in. probe rod serves as the sampler sheath. And, unlike all other Geoprobe® sampling applications, the 3.25 in. probe rod is driven with the male end of the rod on the leading end of the sampler. A cutting shoe with a spacer ring is threaded on the male end of the probe rod, and a liner is inserted through the opposite end of the probe rod. The RS60 drive head is

threaded onto the female end of the sampler and you're ready to go!

If 2.125 in. or 1.5 in. probe rods are to your liking, simply thread the appropriate Macro-Core® drive head into the ID of the RS60 drive head. The sampler is then operated as an open-tube sampler.



(above) A Macro-Core® drive head can be used to adapt the RS60 Sampler for use with 1.5 in. probe rods.



(left) RS60 Cutting Shoe (15390), RS60 Spacer Ring (16410), RS60 PVC Liner, and 3.26 in. Probe Rod.

RS60 Soil Sampler

Geoprobe® Systems

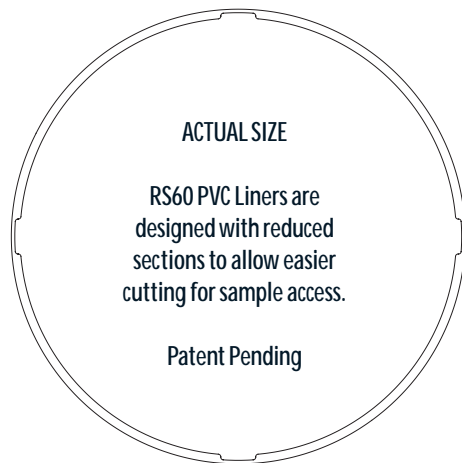
Option 2: Closed Piston Sampling

When "open hole" continuous soil sampling is hindered by slough or probe hole cave in, the RS60 sampler can be used with a closed piston option. This option simply utilizes a center probe rod which holds a Piston Point (19745) inside the Cutting Shoe (18891) preventing any soil from entering the sampler until the Piston Rod (1.25-in. probe rod) is removed. The RS60 Closed Piston Assembly also requires the RS60 Closed Piston Drive Head (18773), the RS60 Center Rod (19027) and a 1.25-in. Centering Drive Cap (12943).

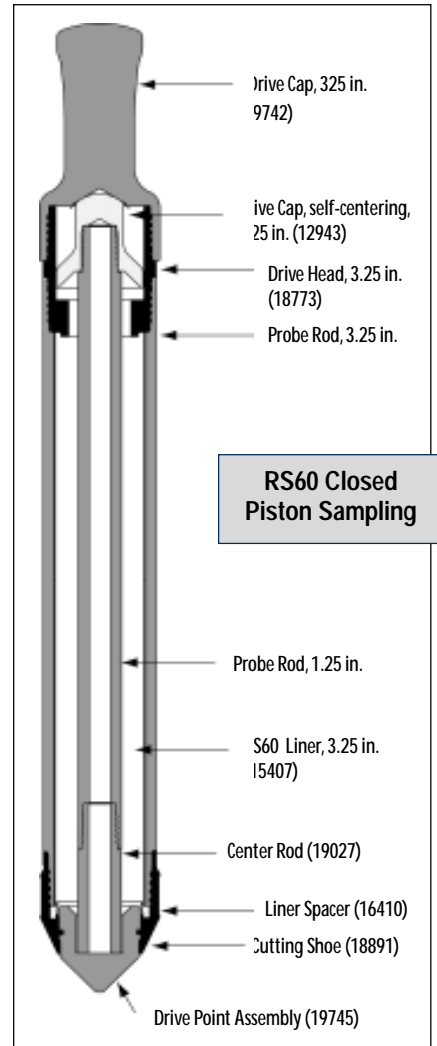
With the use of 3.25-in. outer rods and 1.25-in. inner rods, the RS60 Closed Piston System is driven like a dual tube system – inner and outer rods are added as the tool string is advanced. Once the sampling depth has been reached, the inner rod string is removed, then the 3.25-in. outer casing is advanced to collect the sample material. After the sample fills the liner, the outer casing is retracted to retrieve the soil core. With the patent pending liner profile, the liner can be safely and easily cut for sample access.

RS60 Soil Sampler Features ...

- Collects 60 mm (2.36 in.) diameter soil core
- Patent pending liner design for easy cutting
- Optional closed piston for representative samples
- Uses existing 3.25 in. probe rods
- Largest, most durable Geoprobe® soil sampler



Designing A Better Way
1-800-436-7762
www.geoprobe.com • info@geoprobe.com



ACTUAL SIZE

RS60 Cutting Shoe (18891) and RS60 Point Assembly (19745)