

AMS | **PowerProbe™** G3 Piston Sampler

Features:

- **Sample flowing/heaving sands, swelling clays and soils below groundwater**

This sampler is ideal for sampling below groundwater. The center rod and tip on AMS' Piston Sampler will displace the caving soils while pushing to the desired depth to begin sample collection. The attached tip will keep the caving soils from entering the sampler making sure that your sample is not contaminated.

- **Sample through caving soil**

Specially designed for sample collection in difficult sampling conditions. The durable external extension will displace caving, swelling soils, while the external drive tip keeps soils and water from entering the liner before the sampling depth is reached, minimizing the chance for cross contamination.

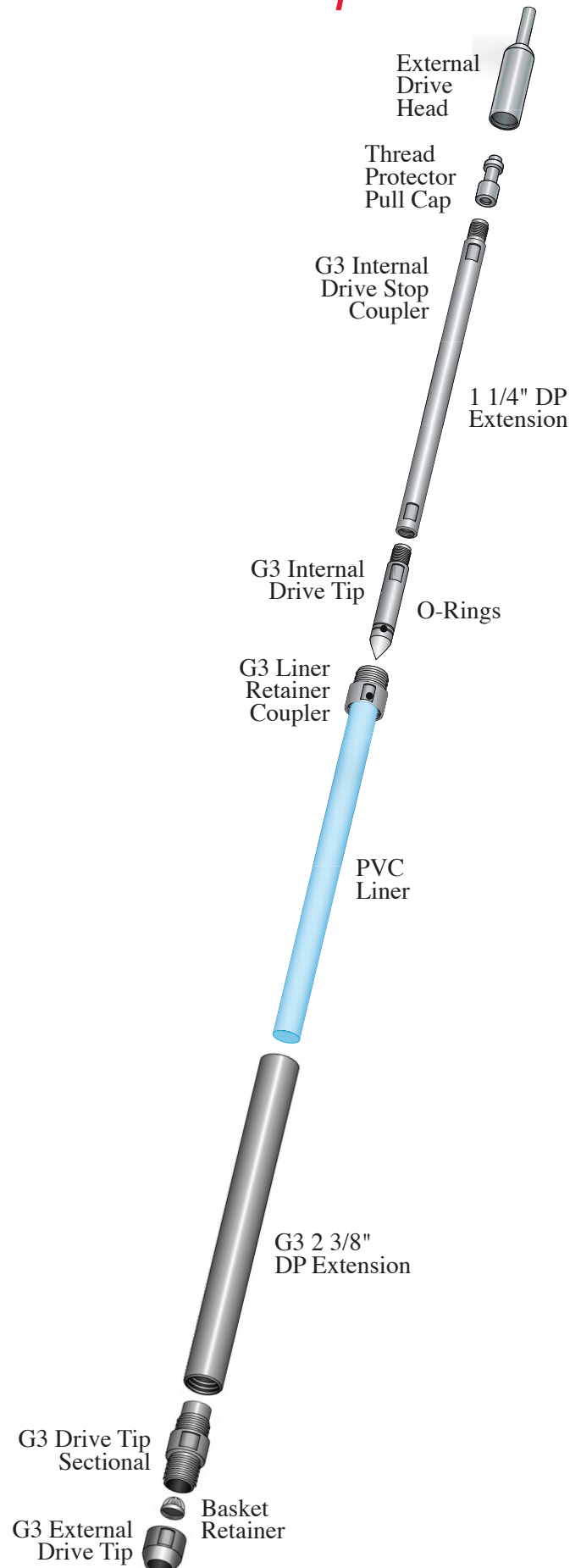
- **Recover samples consistently**

Uniquely designed, the internal drive tip is completely removed, ensuring an open tip on the sampler and a consistent sample recovery.

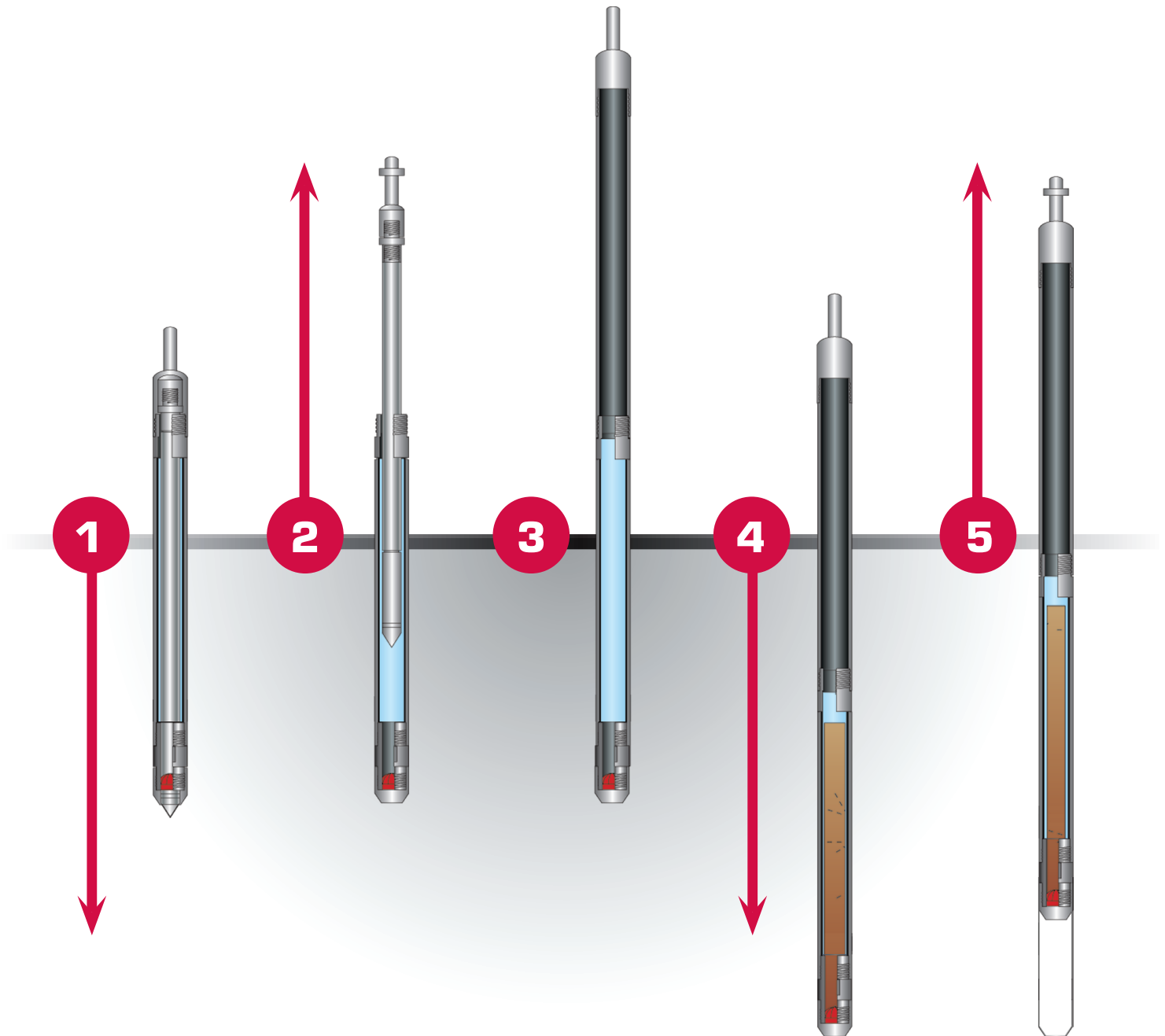


For More Information, Call:
1-800-635-7330

Online at:
www.ams-samplers.com



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Application:

- 1** AMS piston samplers are direct pushed using the dual tube system to the desired depth where sampling is to begin. (Figure 1)
- 2** Once at the sampling depth, the interval extension attached to the inner drive tip is removed. (Figure 2)
- 3** Next, an additional external extension, the same length of the piston sampler, is added. (Figure 3)
- 4** At this point, the sampler is pushed and the sample is collected.

- 5** Finally, the piston sampler is removed from the boring and the sample is retrieved. (Figure 5)

Additional sampling intervals at greater depth can be retrieved using the same boring. There is no chance of losing the center rod, and any caving/slumping that has occurred will not fill the piston sampler's liner. Any material that prematurely enters the sampler and liner is pushed out above the liner when the liner is filled from the desired sample interval.

For a complete list of PowerProbe tooling, part numbers and pricing, call the AMS Technical Sales Department at **1-800-635-7330** or see our line of sampling equipment at www.ams-samplers.com