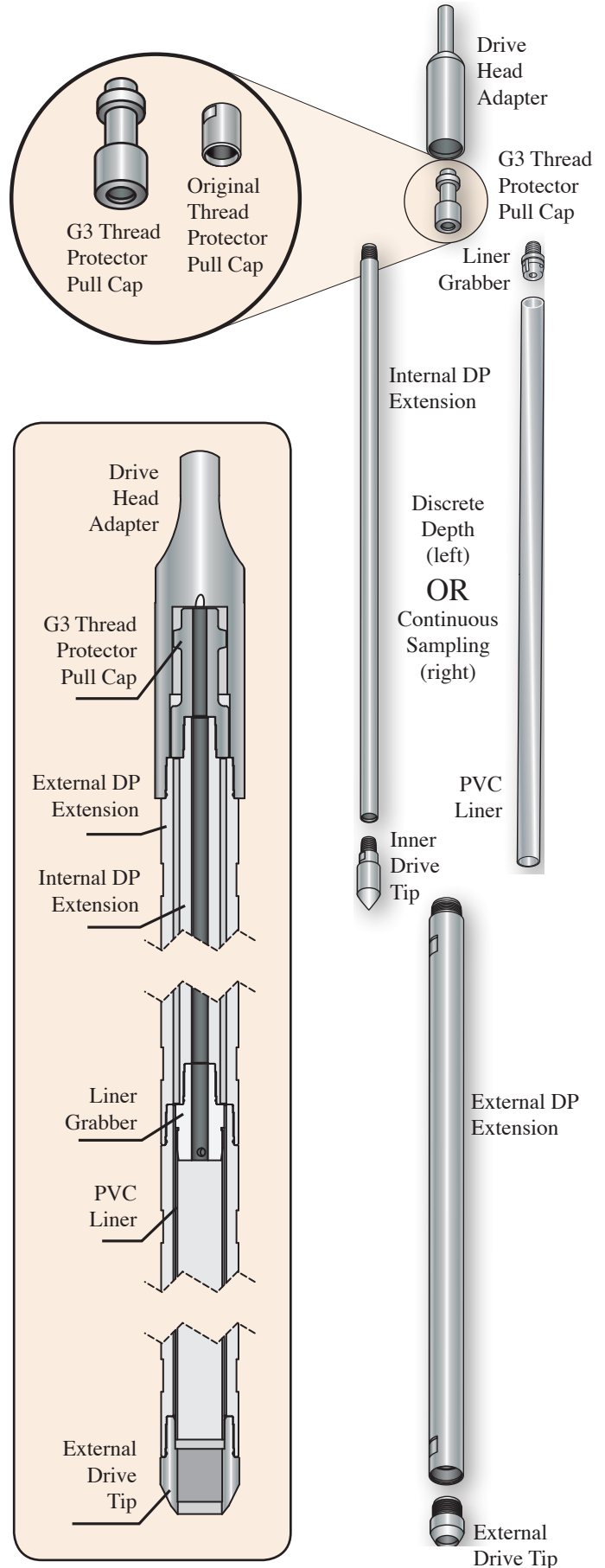


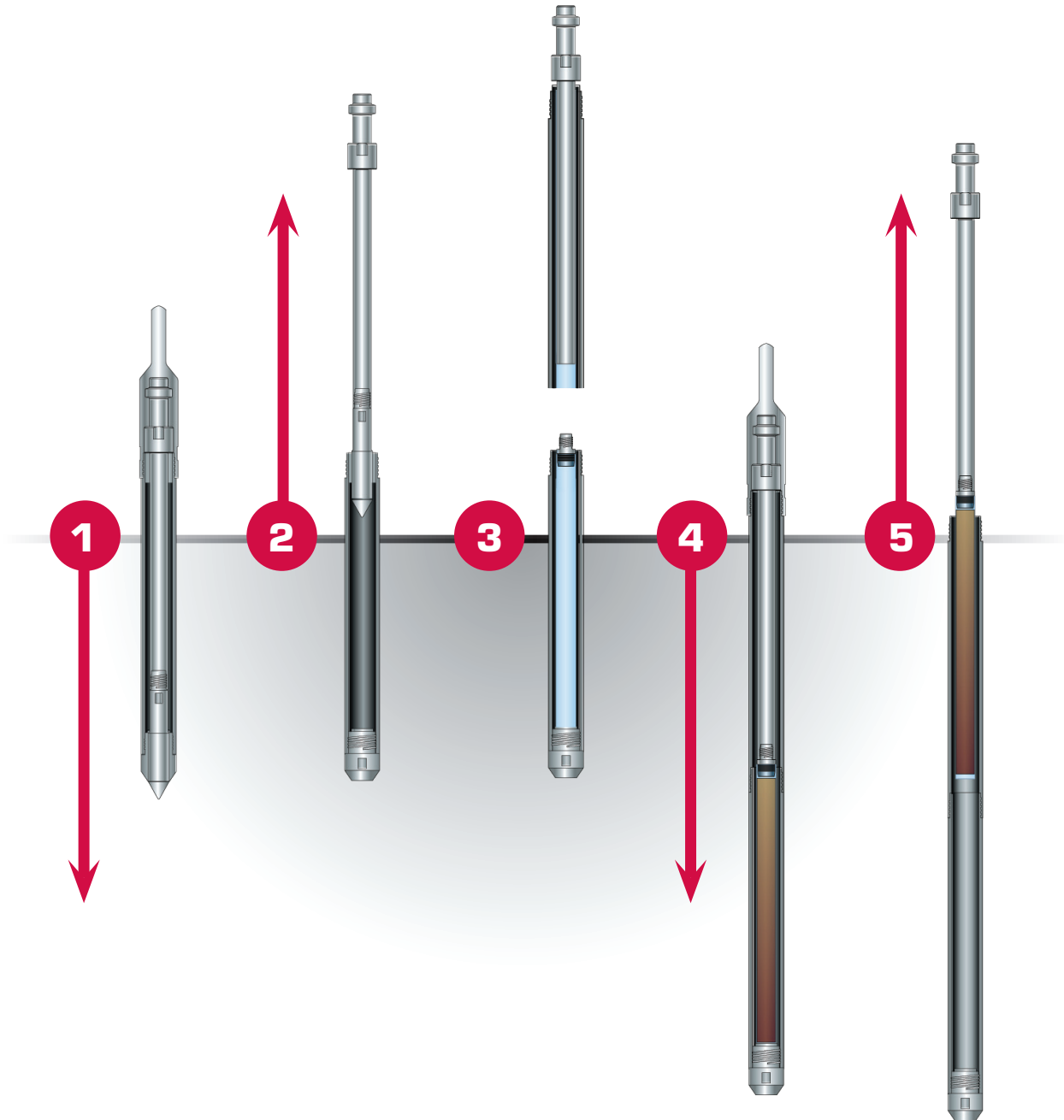
**Features:**

- Collect undisturbed, continuous core samples through a cased borehole**  
 The external extension serves as a casing that keeps the borehole intact while conducting continuous or discrete interval sampling.
- Install monitoring wells through the same tool string**  
 After soil sampling is completed, you can then set a monitoring well through the same tooling string.
- Thicker design**  
 Thicker, heavier design adds strength, durability and reliability and is ideal for AMS direct push rigs with maximum capability.
- Penetrate greater depths**
- Endure more push/hammer and pull back power**  
 Go to deeper depths never reached before with the new AMS generation three tooling. The heavier design will endure maximum push and pull-back power allowing for deeper penetration.
- Minimize chance of liner failure**  
 Unique design prevents the liner from collapsing under the weight of the inner extensions. The weight of the internal extensions is supported by the external extension rather than being supported by the liner.
- Core catcher cap and a variety of outer drive tips available**  
 You can increase your chances for sample recovery by using the core catcher cap. A variety of drive tips have been designed and manufactured to best fit in your soil situations assuring that you get a good sample recovery.



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

**Online at:  
[www.ams-samplers.com](http://www.ams-samplers.com)**



## Application:

The AMS generation three dual tube tooling is used to collect soil samplers continuously from the surface or from a desired depth below the surface while minimizing the chance of liner failure.

- 1** Push the dual tube sampling tools to the depth where soil sampling is to begin. (Figure 1)
- 2** Once at depth, the internal extension attached to the inner drive tip is removed. (Figure 2)
- 3** Add a liner, liner grabber, internal extension, thread protector cap, and external drive head. (Figure 3)

**4** At this point the extensions are direct pushed approximately to the same length as the liner that is being used. (Figure 4)

- 5** Upon collection of the sample, the internal extension with the attached liner and soil sample is removed. (Figure 5)

Continuous sampling can be conducted by repeating steps shown in figures 3 and 5 to the maximum desired depth.