

SOIL SAMPLING – Lynac Split Barrel Samplers



**“Lynac” Style Split Barrel Samplers** – are available from USExploration Equipment Company. The premier geotech sampler assembly consists of a shoe, split barrel & head. The 2-inch (50.8mm) outside diameter recovers a sample that is 1-1/2-inch (38.1mm) outside diameter x 24-inches (609.6mm) long. The sampler head is the top of the assembly & can easily connect to either W-Design or J-Series drill rod.

The heat treated shoe comes in either a sharp (ASTM) or blunt (Terzaghi) configuration & can be threaded to the bottom of the split barrel with a 4-TPI (coarse) or 8-TPI (fine) coupling. When ordering an assembly, match your desired drill rod connection & thread type that works best in your geology.

Complete Shelby Tube Sampler assembly (left), Standard Split Barrel Sampler (center) & “Lynac” Split Barrel Sampler (right)

| Sampler Outside Diameter | Split Barrel Inside Diameter | Split Barrel Length | Threads Per Inch | Assembly Weight     | (Back) Head or Sub Drill Rod Box Connection | Assembly Part Number |
|--------------------------|------------------------------|---------------------|------------------|---------------------|---|----------------------|
| 2-inch (50.8mm)          | 1-1/2-inch (38.1mm)          | 24-inch (609.6mm)   | 4-TPI            | 17-Pounds (7.7 kg)  | AW  | 26006                |
| 2-inch (50.8mm)          | 1-1/2-inch (38.1mm)          | 24-inch (609.6mm)   | 4-TPI            | 17-Pounds (7.7 kg)  | AWJ   | 26007                |
| 2-inch (50.8mm)          | 1-1/2-inch (38.1mm)          | 24-inch (609.6mm)   | 8-TPI            | 17-Pounds (7.7 kg)  | AW  | 26177                |
| 2-inch (50.8mm)          | 1-1/2-inch (38.1mm)          | 24-inch (609.6mm)   | 8-TPI            | 17-Pounds (7.7 kg)  | AWJ   | 26064                |
| 2-inch (50.8mm)          | 1-1/2-inch (38.1mm)          | 18-inch (609.6mm)   | 4-TPI            | 20-Pounds (9 kg)    | CR-50                                       | 26171                |
| 2-inch (50.8mm)          | 1-3/8-inch (35mm)            | 24-inch (609.6mm)   | 4-TPI            | 25-Pounds (11.3 kg) | AWJ   | 26182                |

| Plastic Basket Trap Outside Diameter | Shoe Outside Diameter | Shoe Inside Diameter | Assembly Part Number |
|--------------------------------------|-----------------------|----------------------|----------------------|
| 1-1/2-inch (38.1mm)                  | 2-inch (50.8mm)       | 1-1/2-inch (38.1mm)  | 26014                |

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| Shoe (Sharp/ Blunt)<br>Outside Diameter | Shoe (Sharp/ Blunt)<br>Inside Diameter | Threads Per Inch | Assembly<br>Part Number |
|---|--|------------------|-------------------------|
| 2-inch<br>(50.8mm)                      | 1-1/2-inch<br>(38.1mm)                 | 4-TPI            | 26013                   |
| 2-inch<br>(50.8mm)                      | 1-1/2-inch<br>(38.1mm)                 | 8-TPI            | 26065                   |
| 2-inch<br>(50.8mm)                      | 1-3/8-inch<br>(35mm)                   | 4-TPI            | 26180                   |

| Split Barrel<br>Outside Diameter | Split Barrel<br>Inside Diameter | Split Barrel<br>Length | Threads Per Inch | Assembly<br>Part Number |
|----------------------------------|---------------------------------|------------------------|------------------|-------------------------|
| 2-inch<br>(50.8mm)               | 1-1/2-inch<br>(38.1mm)          | 18-inch<br>(609.6mm)   | 4-TPI            | 26133                   |
| 2-inch<br>(50.8mm)               | 1-1/2-inch<br>(38.1mm)          | 24-inch<br>(609.6mm)   | 4-TPI            | 26134                   |
| 2-inch<br>(50.8mm)               | 1-1/2-inch<br>(38.1mm)          | 24-inch<br>(609.6mm)   | 8-TPI            | 26062                   |

| (Back) Head<br>or Sub<br>Outside Diameter | (Back) Head<br>or Sub<br>Drill Rod Box Connection | Assembly<br>Part Number |
|---|---|-------------------------|
| 2-inch<br>(50.8mm)                        | AW  | 26060                   |
| 2-inch<br>(50.8mm)                        | AWJ   | 26061                   |
| 2-inch<br>(50.8mm)                        | CR-50   | 26178                   |