



PRODUCT INFO:

RUSSIAN D-SAMPLER (Also known as a Peat Sampler) Item Code RDS:

The **D-Sampler** is used to take undisturbed samples from very soft soil conditions such as swamps, peat bogs, marine mud etc. They are used where quick undisturbed samples are required at various depths.

The **D-Sampler** is manufactured from either 50mm or 75mm nominal OD stainless steel tube, in (sample) lengths of 0.3 to 0.5 metres. The tube is cut in half lengthwise and has a pivoting stainless steel blade that is wider than the tube on one edge that covers the open side of the tube. The opposite edge of the blade pivots inside the sample tube and forms the seal. This blade is fitted to swivel connections top and bottom and keeps the tube empty while being inserted to sampling depth, then holds position while the tube is rotated using the T-handle filling the half-tube with a sample and the blade then traps the sample against the opposite side of the blade while the sampler is withdrawn. The sampler has a half-conical nosepiece that pierces the soft sediments. It comes with our normal coarse threaded connections or with a hex fitting and pin connection. The hex/pin connection helps the **D-Sampler** to be rotated in either direction which helps inexperienced operators but requires complete sets of hex/pin equipment (extension rods and T-handle).

The **D-Sampler** can be used at any depth, depending on the penetration resistance of the materials being sampled, and does not require casing.



Russian D-sampler - for very soft wet samples. Made of SS.