

113 Helpsheet

Hardware

Traditional Triaxial Cell

Extension Testing

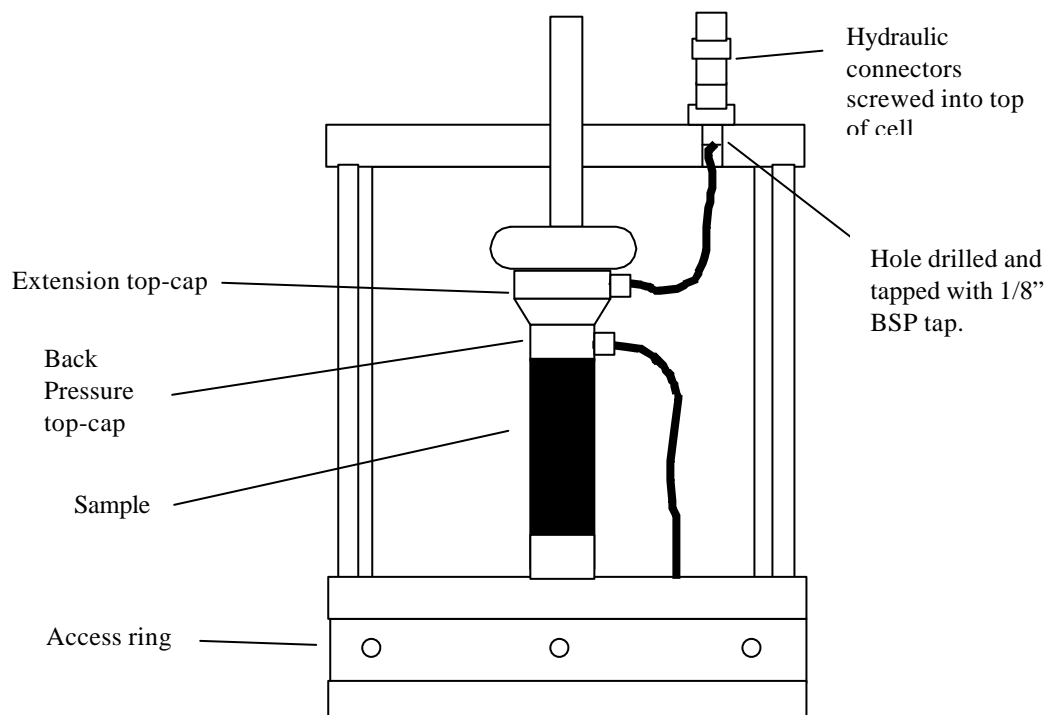
1. Installation

To carry out extension tests using the WF10751 Triaxial Cell a set of extension top-caps and a spacer ring are needed. It is also necessary to drill and tap the top of the triaxial cell to connect the extension top-cap to atmosphere.

2 Drilling and Tapping the top of the Cell

To drill and tap the triaxial cell carry out the following steps:

1. Drill a hole down vertically in the top of the triaxial cell, close to the edge of the perspex, using an 8mm drill bit.
2. Tap the hole from the top of the cell using a 1/8" BSP tap. The thread needs to go down at least a centimetre.



Feed the nylon tube through the hole in the top of the cell and screw in the hydraulic connectors into the top of the cell, then cut the nylon tube to the required length and connect it to the extension top-cap.