

## SEGMENTAL CASING

Segmental casing is used as a temporary support during the drilling phase of a bored pier. It is installed by the rig or an oscillator which is attached to a drilling rig or service crane. The casing is oscillated so that it penetrates the ground. The soil therein is removed by means of boring tools such as an auger or drilling buckets. The Length of casing is determined by soil conditions and is coupled together by means of a mechanical joint to the desired length.

As the casing is installed, the bore is continually emptied out, once the casing has reached the desired founding level the socket can be bored out and cleaned or the casing can be advanced to the base of the pile to maintain the OD casing dimension, then cleaned. The reinforcement is then placed into the pile. During the concreting phase, the segmental casing is withdrawn in segments and disconnected and stored for future use.

### Specifications

Casing Diameters – OD  
620 mm to OD 2000mm



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