Option 1 - Concrete in root

Excavate or core drill a minimum foundation size of:

**Solid Ground**
Bollard diameter + 100mm x 205mm deep

**Loose Ground**
600 x 600 x 400mm deep

**IMPORTANT**
Do not allow concrete to enter the bollard.

Add a sand bedding for bollard to sit on.

Place bollard centrally in foundation and pour ST4 concrete, using a level ensure bollard is vertical. Allow enough depth for any finishing surface.

Ensure the top of the ring is flush with finished surface level.

Option 2 - Bolt down flange plate

Use M16 bolts for bolting down to good concrete base. Length of bolt is dependent on ground conditions.
Option 3 - Retention Socket (Demountable Option)

Foundation size of:

**Solid Ground**
450 x 450 x 185mm deep

**Loose Ground**
600 x 600 x 400mm deep

For further details please refer to RS115 or RS168 data sheet.

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Option 4 - Composite Socket (Demountable Option)

Foundation size of:

**Solid Ground**
450 x 450 x 200mm deep

**Loose Ground**
600 x 600 x 200mm deep