The majority of Furnitubes bollards can be converted to fit inside a standard removable socket.

The bollard is fitted with a spigot that fits snugly into the socket. A hasp plate then fits through the lid of the socket enabling it to be locked. Most customers prefer to use a bright yellow FB14 padlock because the fire brigade hold master keys that enable them to remove the bollard in an emergency, rather than having to cut through.

- suits virtually all bollards and posts
- strong steel construction
- bollards removed within seconds of unlocking the padlock
- suitable for emergency access when used with FB14 fire brigade padlock
- lid covers holes when bollard is not being used
- no separate parts to get lost
- 100% recyclable

**TECHNICAL**

**Material**
Furnitubes steel sockets are 100% recyclable.

**Removable Bollards**
Removable bollards are supplied with a socket & hinged cover plate. The bollard has a fixed spigot that passes through the hinged cover plate allowing an FB14 padlock to secure the bollard in the socket.

**FB14 padlock**
The fire brigade are equipped with master keys that allow them to unlock the distinctive yellow FB14 padlock during an emergency, rather than having to cut through the bollard. Furnitubes are able to offer these upon request.

**F1 Socket**
F1 sockets are available as an alternative to our standard socket and are designed to accept bollards of either Ø75 or Ø115. See page 60.

**Product Codes**
- Small: SOCK SS
  - Steel Socket and Hinged Cover Plate
  - Galvanised Finish
  - For bollards under 170mm Ø or sq at ground level.
- Large: SOCK LS
  - Steel Socket and Hinged Cover Plate
  - Galvanised Finish
  - For bollards of at least 170mm Ø or sq at ground level

Product Codes are in **bold** type. Dimensions are in mm, are approximate and do not form any part of the contract.

We reserve the right to change the design and specification on any item offered and, where possible, notification will be made.
As an alternative to the standard steel removable socket (shown on the previous page), Furnitubes are now able to supply an alternative type of socket that provides a neat solution for locations that do not require the standard fire-brigade padlock access or where a hinged flap cover is not desirable.

These sockets are designed to accept a bollard or spigot of either 75 or 115mm diameter. They are based around a heavy-duty cast-iron body with a hole to accept the bollard and a separate hole to access the special retention bolts. These bolts enable the socket to firmly grip the bollard.

Two lids are also supplied per socket, one to hide these bolts and the other to cover the main hole when not in use. Operating instructions are provided on the next page.
**TECHNICAL**

**Foundation Note**
Prepare hole at least 75mm deeper than overall height of the socket and fill below with hard-core or gravel to allow for drainage.

Place the socket in the centre of the hole, ensuring that there is good clearance on all sides, and hold in vertical position.

Pour concrete and compact well and check that socket is vertical until it has set.

NOTE: If existing ground is loose or uncompacted, a wider/deeper base of concrete should be used.

**Optional Shear Bolts**
Furnitubes can provide bollards that are attached onto a lower spigot using nylon ‘shear bolts’ to enable the fire brigade to knock it over with little or no damage during an emergency.

The sockets enable the spigot to be removed and re-used with new nylon bolts - ask our Technical Sales Staff for further details.

Product Codes are in bold type. Dimensions are in mm, are approximate and do not form any part of the contract.

We reserve the right to change the design and specification on any item offered and, where possible, notification will be made.

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**SMALL FI 75 SOCKET OPERATION**

1. To access the retention bolts, remove the locking lid of the FI 75. This is done by inserting the aluminium key and turning it anti-clockwise.

2. Next, undo the single retention bolt and remove the damaged bollard.

3. Insert the Bollard, so that it is resting on the base of the socket. Then tighten the retention bolt fully to secure the bollard. Finally replace the locking lid.

- aesthetically pleasing solution
- neat retention bolts hidden from view
- strong composite construction
- removal of posts within a few minutes
- can be blanked off when a post is not used

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**LARGE FI 115 SOCKET OPERATION**

1. Firstly remove the lid of the FI 115 by turning the aluminium key anti-clockwise until the lid can be removed.

2. Next, make sure the stainless steel bollard protector is installed, insert the bollard until it is resting on the base of the socket.

3. To secure the bollard, tighten both retention bolts fully. The FI 115 has the space to store the pedestrian plug within the cavity. Finally replace the lid.