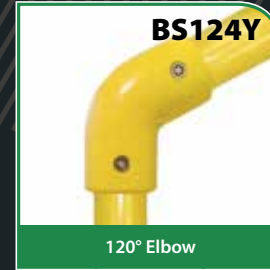


**GRP Modular Handrailing System - 50mm Diameter (40NB) 5000mm lengths as standard**

- All modular components are available in Grey (RAL 7037) or Yellow (RAL 1023)
- Meets the required standard for Flooring and Handrails for General Duty (0.36Kn/m) and BS4592:0 2006+a1 2012 Industrial
- Tested based on a standard 1.100mm High Upright with Bay Centre's at 1.250mm



Grey components are denoted with a G in the code i.e. BST50G instead of BST50Y for Yellow.

All components come with STCONBOLTS only.



## HANDRAILING ADDITIONAL NOTES

### **BS129Y / BS129G - (60 deg 3 Way Tee)**

All tubular cut ends to be inserted into these fittings must be cut to 60° to ensure secure fitting. It is not recommended to use this fitting to join lengths of handrailing tube - use the tubular spigot

### **BS130Y / BS130G - (60 deg 4 Way Cross)**

All tubular cut ends to be inserted into these fittings must be cut to 60° to ensure secure fitting

### **STCONBOLT**

This M6 bolt set will fit all the fittings. All fittings have a pre-moulded indent for correct positioning of drilling of holes for inserting into fittings and tube. The side of the fitting taking the bolt is drilled to take the M6 bolt shank and the bolt head fits within the pre-moulded recess. The side of the fitting taking the nut requires a 9mm dia hole passing through both the fitting and the inserted tube so that the recessed nut fits within the pre-moulded recess in the fitting. In this way both fitting heads will be recessed into the fitting eliminating any exposed edges that may cause users to snag or catch clothing etc.

### **BSU3WY / BSUSWG - (Universal 3 Way)**

The fitting is made up of 3 parts, the universal sleeve connectors plus the universal connector that fits over the tube.  
Two bolts are required to join the sleeve and the universal connector. As per the notes on the universal connector fitting, the universal joint connectors can be adhesive bonded or bolted to the tube.

### **BSU4WY / BSU4WG (Universal 4 Way)**

The fitting is made up of 4 parts, a pair of universal sleeve connectors plus a pair of universal connectors that fits over the tube. Bolts are required to join the sleeve and the universal connectors. As per the notes on the universal connector fitting, the universal joint connectors can be adhesive bonded or bolted to the tube.

### **BS141G/Y / BS132G/Y / BSTRIG/Y – (Square, Triangular and Side Post Bases)**

A post will fit into the post base and should be secured using our M10 bolt with washers and nut. There are no pre-moulded indents to show where the holes are to be drilled so they can be drilled at any convenient position using a 10mm HSS drill bit. The pre-moulded holes that are used to connect the base foot to the supporting structure are 13mm dia to take M12 bolts. **The type of anchor bolts used should be suitable for the supporting substrate/structure is down to the customer to verify for themselves, and the suitable bolts meet with their requirements.** We would advise spacer washers between the bolt head and the fitting to prevent any deformation of the fitting.

### **BS141Y / BS141G – (Side Fit Base)**

Care is needed not to over tighten the anchor bolts which could cause the fitting to crack. We would advise spacer washers between the bolt head and the fitting to prevent any deformation of the fitting. **The type of anchor bolts used should be suitable for the supporting substrate/structure is down to the customer to verify for themselves, and the suitable bolts meet with their requirements.**

### **STM10BOLT**

The base foot must be drilled with a 10mm HSS drill bit straight through base foot and the tube to install the bolt. The bolt must be inserted with the washer either side of the fitting between the bolt head/nut and fitting.

**BSTPY / BSTPG (GRP Profiled Toeplate)** – Pop rivets or other type of connection to be supplied by others.