

## ROOFTRAK IFP-M10BS/1

### Uses

The IFP-M10BS/1 is an A2 M10 bolt and washer set for use with the IFP Integrated Fixing Points

### Materials

A2 grade stainless steel M10 bolt 1 per set  
A2 grade stainless steel M10 washer 1 per set

### Dimensions

IFP-M10BS/1 M10 x 20mm  
Other lengths available to suit build up of shims

Bolt sets are also available in 316grade stainless steel for use in marine environments

### Installation

It is recommended that all bolts are used with a proprietary thread locking compound to prevent them working loose due to mechanical, cyclic and thermal factors in the piece that is fastened to them.

The M10 bolts should be tightened to the following values;

50 Nm for dry assembly

38 Nm for lubricated assembly

## ROOFTRAK IFP250-SHIM & IFP250-SHIM-SS

### Uses

The IFP250-SHIM is a HDPE shim or packer used to compensate for falls or where such differences in height are required. They can be used in multiples of 10mm to achieve varying dimensions.

The IFP250-SHIM-SS is a stainless steel shim or packer used as above, but in multiples of 1mm - this shim can be added to the build up without removing the bolts.

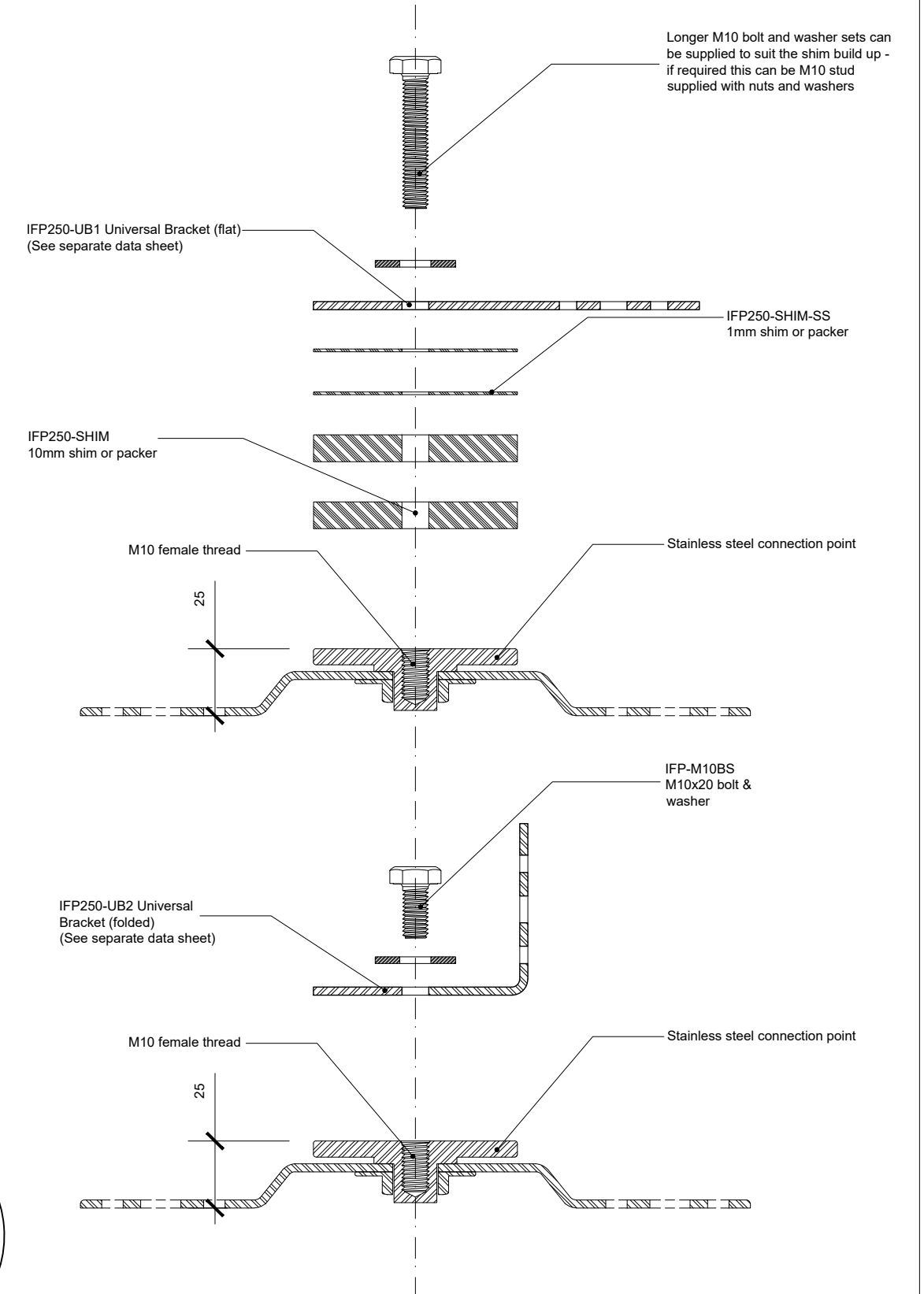
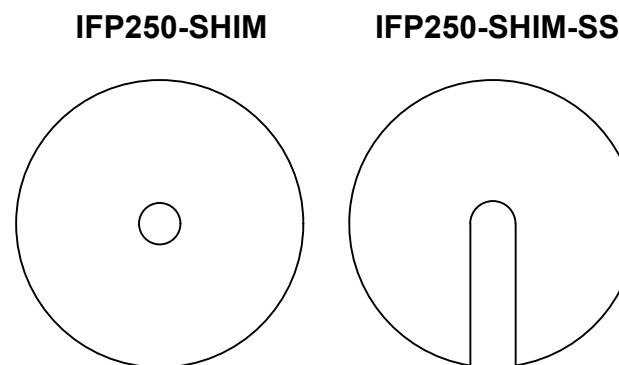
### Materials

IFP250-SHIM HDPE  
IFP250-SHIM-SS 304grade stainless steel

### Dimensions

IFP250-SHIM 76mm dia. x 10mm thick  
IFP250-SHIM-SS 76mm dia. x 1mm thick

Stainless shims are also available in 316grade stainless steel for marine environments



ROOFTRAK IFP-BE & IFP-SHIM - section view

The IFP is protected by European Patent 2855794 and US Patent 9637917