

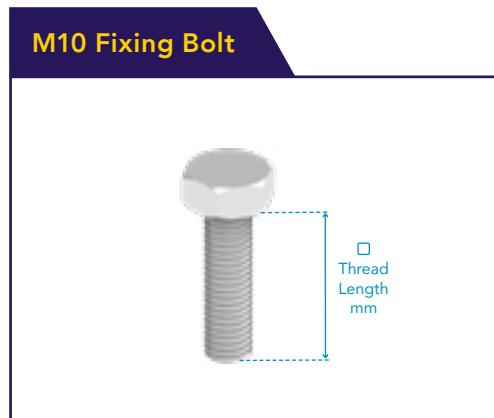
## Insulating Assemblies

A comprehensive range of nylon insulating assemblies are available to suit those installations where there is a requirement to provide electrical separation between the Speedway Cable Ladder System and the support structure.

A typical example is a stainless steel Speedway Cable Ladder System mounted on galvanised or painted steel supports.

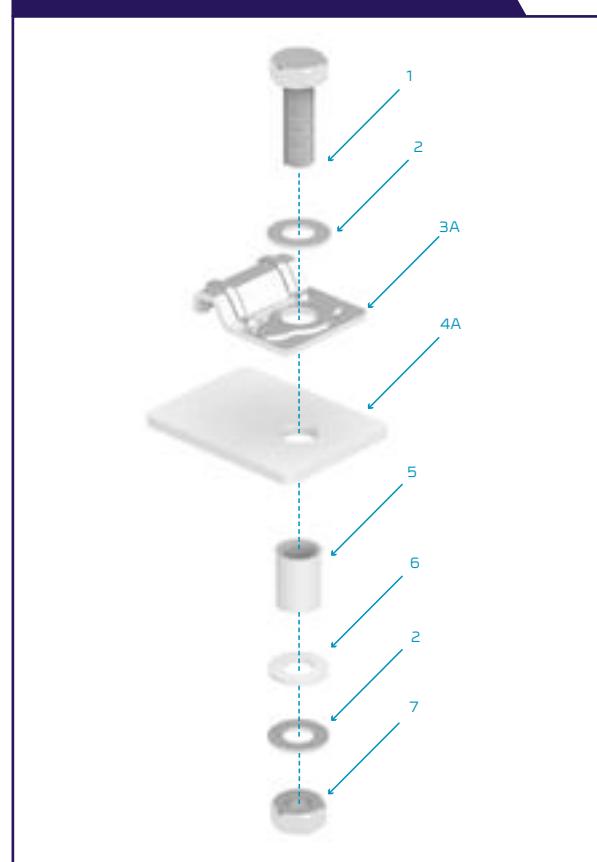


The length of the nylon bush is equal to the thickness of the supporting steelwork (##). The nylon bush requires a 17mm diameter hole in the supporting steelwork.



The insulating assembly is based on nylon base pads, nylon bushes and nylon washers which, when used with the Speedway External Flange Clamp, the Speedway Adaptable Fixing Bracket, or the Speedway Hold Down Bracket totally encapsulate the fixings and provide an insulation barrier between the Speedway Cable Ladder System and the supporting structure.

### Insulating Assembly Components for External Flange Clamp (EFC)

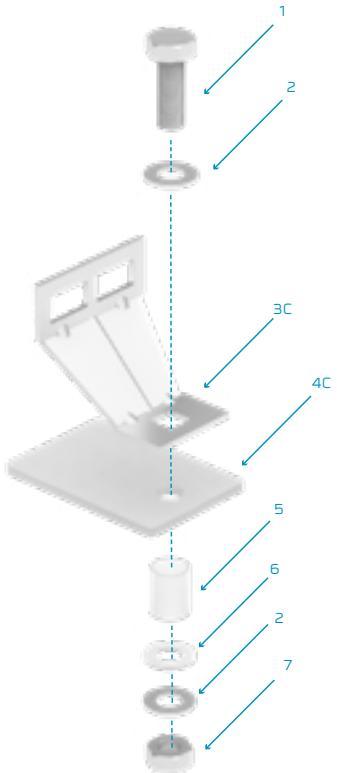
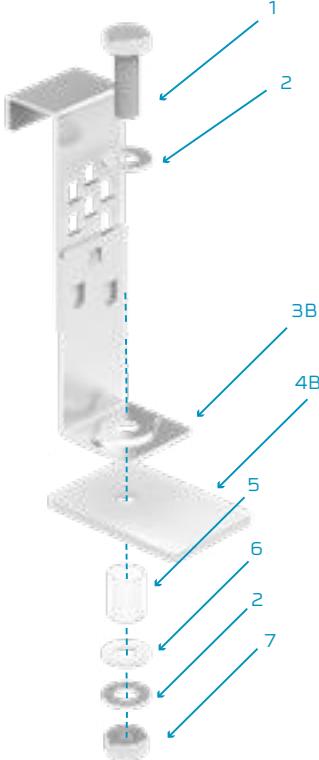


Part Number	Item	Description
M10□-HS-SS-A4	1	M10 Hex Head Set Screw Stainless Steel - Length = □
M10-FW-SS-A4	2	M10 Flat Washer Stainless Steel
SW-EFC-SS	3A	Speedway External Flange Clamp Stainless Steel
PAD-66.5x50x4-NY	4A	Nylon Pad (66.5 x 50 x 4mm)
BUSH-16x##-NY	5	Nylon Bush - Length = ##
M10-FW-NY	6	M10 Flat Washer Nylon
M10-HN-SS-A4	7	M10 Hex Nut Stainless Steel

#### For Example:

If the thickness of the Steelwork = 12mm  
The length of the Nylon Bush is also 12mm = 315AN01-12  
This means that the Minimum Thread Length of the Fixing Bolt = 22 + 12 = 34mm  
Rounding this figure up to the nearest standard bolt length of 35mm,  
the supplied bolt = SSM10x35HS  
If an AFB is to be used, order: SW-AFB-SS-INS12

Part Number	Thread Length (□)	Description
M10x25-HS-SS-A4	25mm	M10 x 25 Hex Head Set Screw Stainless Steel
M10x30-HS-SS-A4	30mm	M10 x 30 Hex Head Set Screw Stainless Steel
M10x35-HS-SS-A4	35mm	M10 x 35 Hex Head Set Screw Stainless Steel
M10x40-HS-SS-A4	40mm	M10 x 40 Hex Head Set Screw Stainless Steel

**Insulating Assembly Components  
for Adaptable Fixing Bracket (AFB)**

**Insulating Assembly Components  
for Hold Down Bracket (HDB)**


Part Number	Item	Description
M10x□-HS-SS-A4	1	M10 Hex Head Set Screw Stainless Steel - Length = □
M10-FW-SS-A4	2	M10 Flat Washer Stainless Steel
SW-AFB-SS	3C	Speedway Adaptable Fixing Bracket (AFB)
PAD-80x55x4-NY	4C	Nylon Pad (80 x 55 x 4mm)
BUSH-16x##-NY	5	Nylon Bush - Length = ##
M10-FW-NY	6	M10 Flat Washer Nylon
M10-HN-SS-A4	7	M10 Hex Nut Stainless Steel

Part Number	Item	Description
M10x□-HS-SS-A4	1	M10 Hex Head Set Screw Stainless Steel - Length = □
M10-FW-SS-A4	2	M10 Flat Washer Stainless Steel
SW-HDB-SS	3B	Speedway Hold Down Bracket Stainless Steel
PAD-75x50x4-NY	4B	Nylon Pad (75 x 50 x 4mm)
BUSH-16x##-NY	5	Nylon Bush - Length = ##
M10-FW-NY	6	M10 Flat Washer Nylon
M10-HN-SS-A4	7	M10 Hex Nut Stainless Steel