

## Incorporating Hepco DLS units & GV3 slide beams into Hepco MCS and other proprietary framework systems

There are 5 basic types of junction when attaching DLS and SB units to a framework system. These are shown in the illustrations of examples.

There are 3 basic types of fixing bracket in several sizes available for connecting DLS and SB units to a framework system. These are shown on page 2.

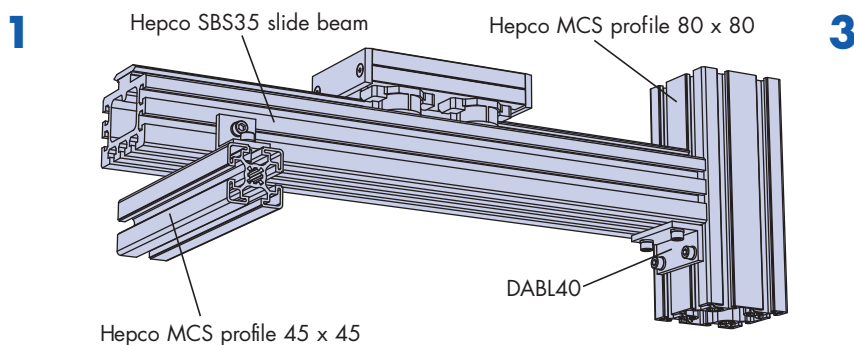
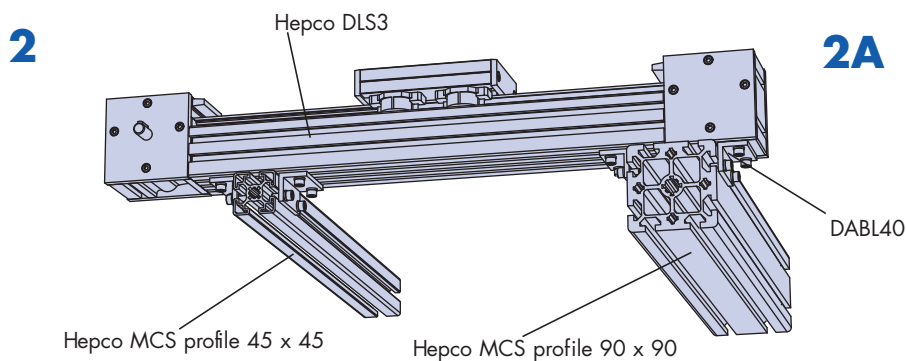
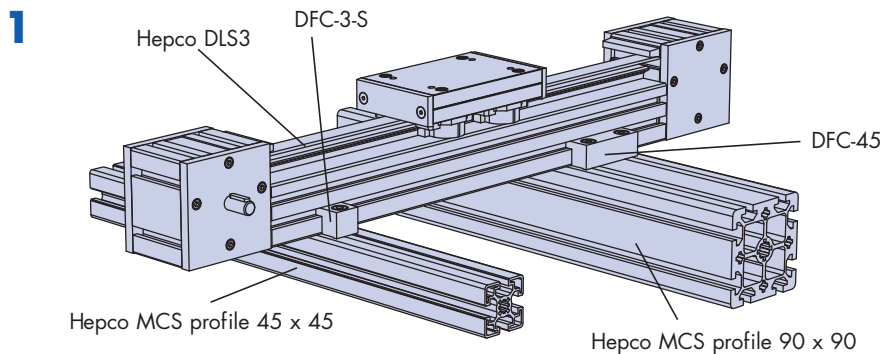
Hepco fixing brackets are also suitable for attaching DLS and SB units to corresponding sizes of profile supplied by most other framework system manufacturers. Simply check that T slot opening and T slot centres correspond with Hepco MCS and use the manufacturer's T nuts with required thread size. (Screw lengths may need adjusting).

To determine the possible combinations of fixing bracket and DLS/SB units for the required junction, refer to the table on page 3. For detailed information on relevant Hepco products, please consult the following catalogues:

**DLS ..... DLS linear transmission and positioning system.**

**SB ..... GV3 linear guidance and transmission system pages 30 & 31.**

**MCS..... MCS aluminium frame and machine construction system.**

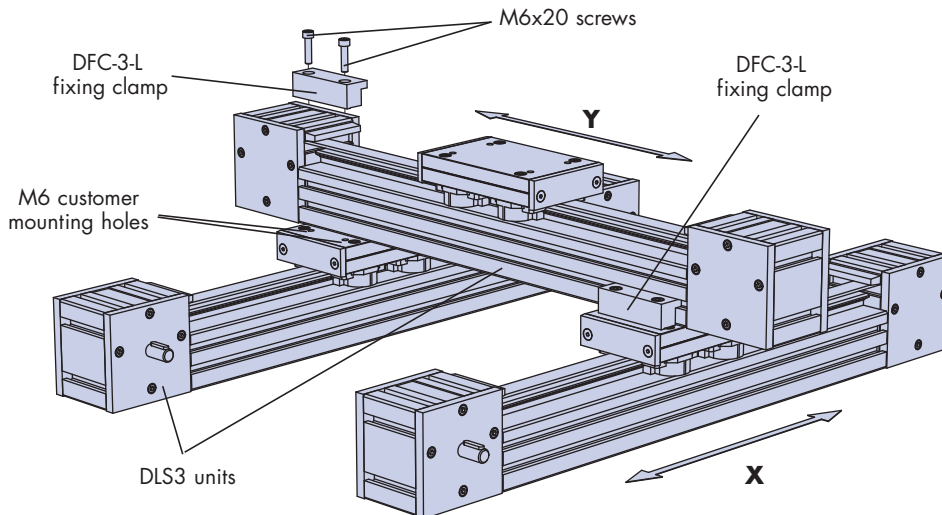


# Joining DLS units together to make multi-axis systems

The lightweight DLS profile may be preferable for high inertia Y axis applications. Please refer to Hepco DLS and GV3 catalogues. X and Y axis DLS units may be coupled together in any combination of size. Fixing holes must be drilled and tapped accordingly. For Z axis requirements please refer to Cantilever axis in DLS catalogue.

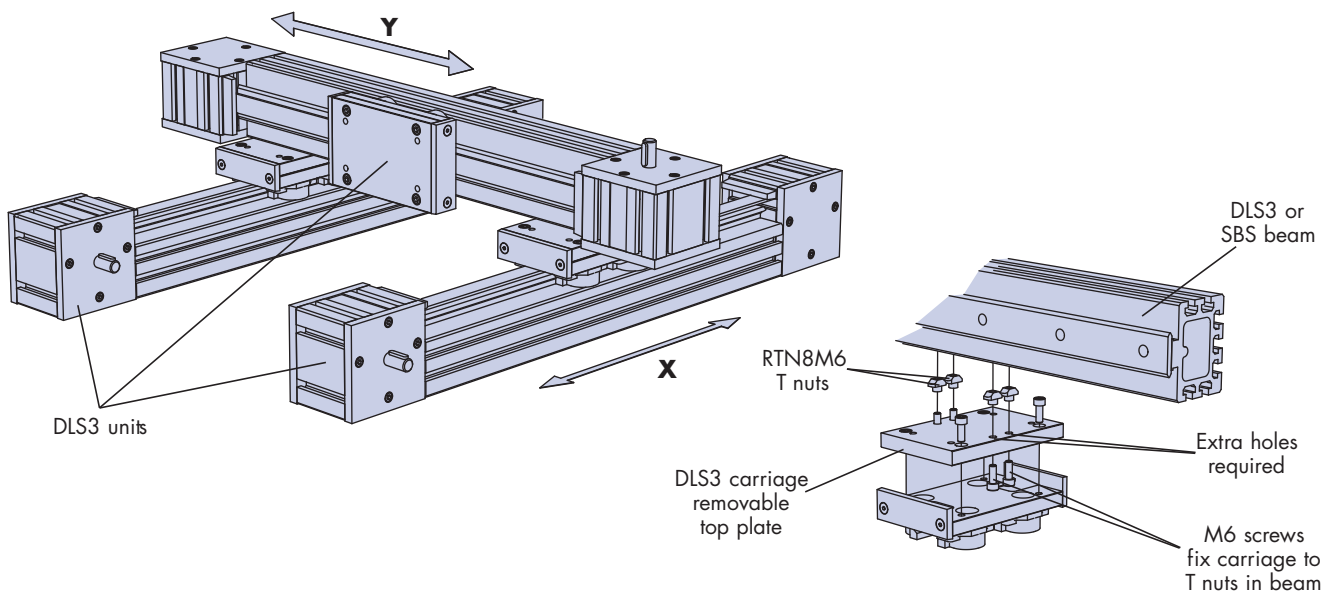
## Clamp method

For attaching Y axis in orientation as shown. Please refer to DLS catalogue for details of the DFC-3-L and DFC-4-L



## T-nut method

For attaching Y axis in either orientation (refer both illustrations). Heavy duty T-nut TN8M6 or T-nut strip TN8S should be used if lightweight Y axis profile is required (see GV3 catalogue).



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