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Multi-Axis Billet Base for AL220/AL340 Tower Series

MPN
AP-ALT-MAB

Description

The AP-ALT-MAB is a multi-axis interface bracket that allows an AL220 tower module or AL340 reducer module to attach to a roof structure or flat surface. The

billet hinge can be rotated a full 360°, allowing the tower to be raised and lowered in any direction, as well as being installed on sloped/pitched surfaces.

It is required to construct aluminium lattice towers that are to be installed on tin rooftops using screws or dynabolted into concrete. It has a 76.2 mm solid structural grade billet that has been machined into a clevis-fork that accepts the clevis-eye present on AL220 base modules, AL340 reducer modules, and other APAC products.

A Class 8.8 M12 Bolt and Nyloc is used as a pin to secure the two clevis components, however thanks to the precision machining, the structural load is directed through the billet-formed clevis rather than the bolt. This design strategy significantly minimises reliance on the bolt for load-bearing ...

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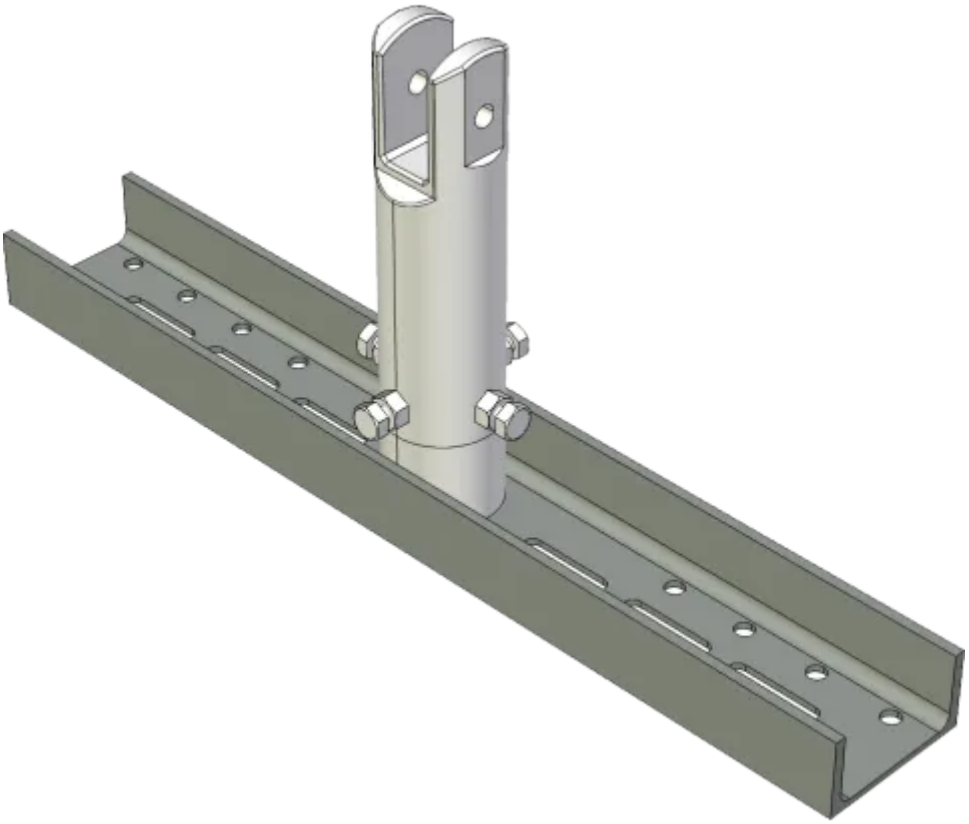

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