Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

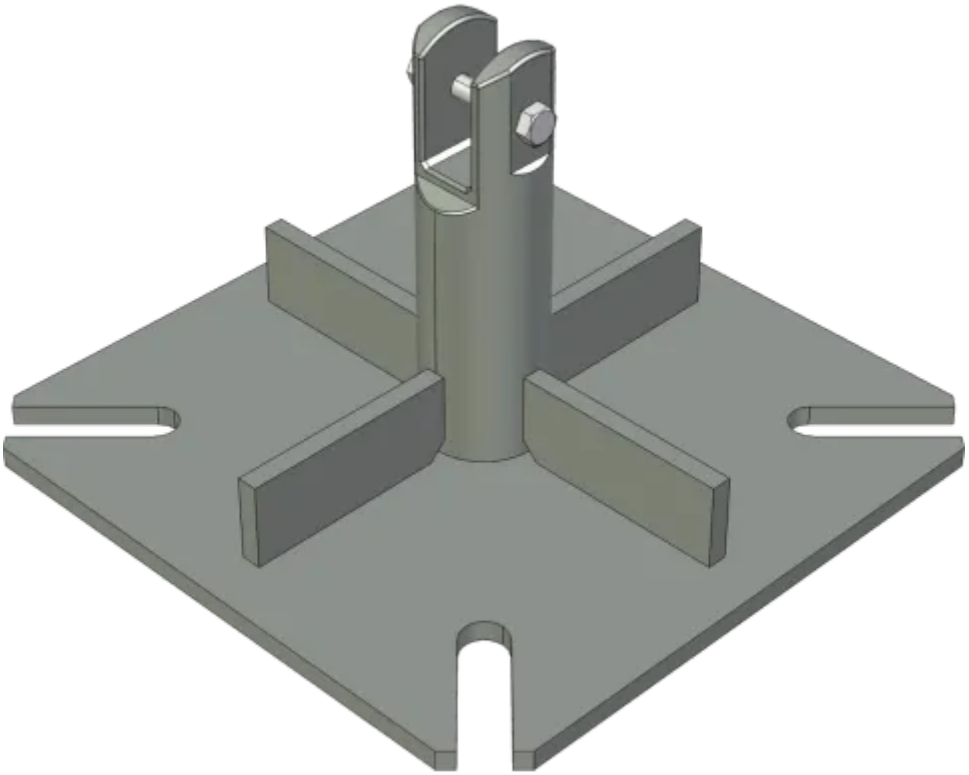
S600 Billet Base Plate for AL220/AL340 Tower Series

MPN
AP-ALT-BBP-S600

Description

The AP-ALT-BBP-S600 is an interface bracket that allows an AL220 tower module or AL340 reducer module to attach to a Surefoot S600 pile cap.

It is required to construct aluminium lattice towers that are to be installed in the ground using the S600. 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 purposes, thereby reducing the risk of shear stress and enhancing the overall stability and durability of the tower assembly.



APAC Infrastructure

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Physical Specification

Subtype
Interface Bracket
Dimensions
390 × 390 × 250 mm
Mounting
S600 Bolt Pattern
Available Interfaces

Quantity	Mounting	Details
1	AL220/Reducer Clevis-Fork	For attaching AL220 Base Modules, AL340 Reducer Modules, etc.

Subcomponents

Quantity	Name	Materials	Material Finish
1	Welded Assembly, 12 mm Flat Bar, 76.2 mm Round Rod	Aluminium 6005-T5, Aluminium 6061-T6	Bright/Pickled Finish
1	M12 Bolt and Nyloc	Steel	Electroplate Galvanised

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