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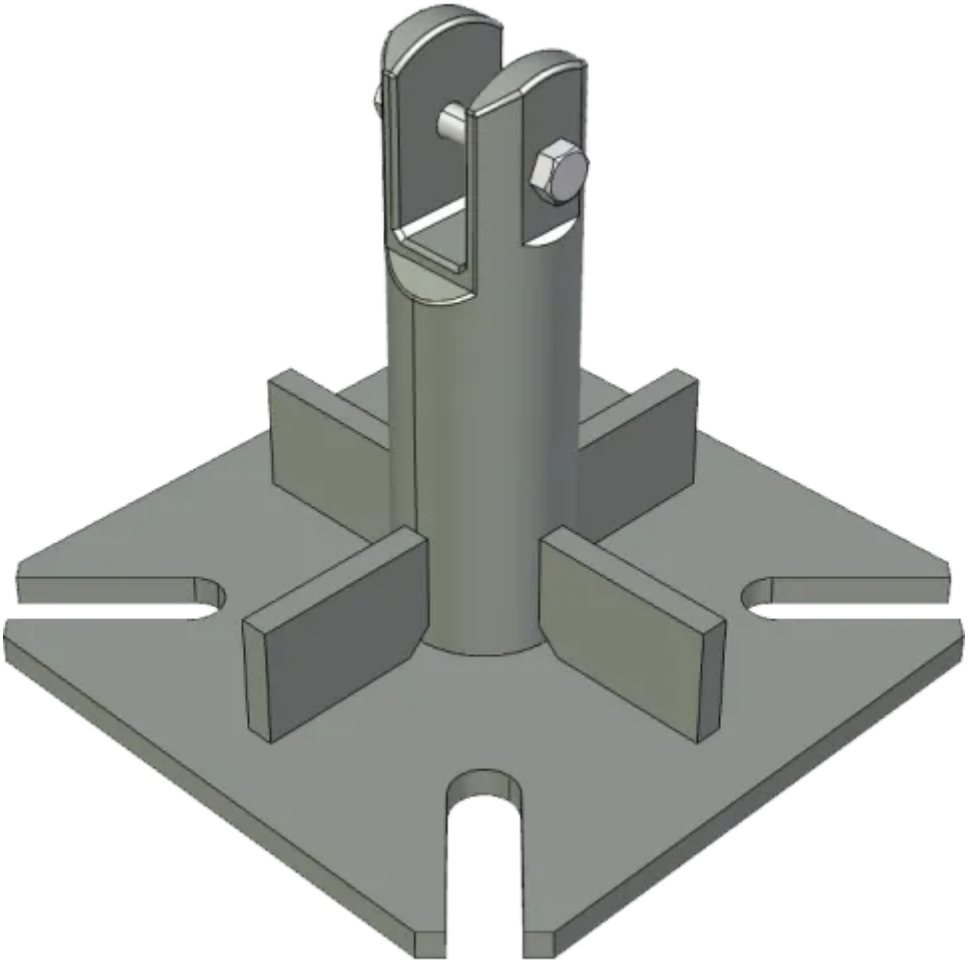
S400 Billet Base Plate for AL220/AL340 Tower Series

MPN
AP-ALT-BBP-S400

Description

The AP-ALT-BBP-S400 is an interface bracket that allows an AL220 tower module or AL340 reducer module to attach to a Surefoot S400 pile cap.

It is required to construct aluminium lattice towers that are to be installed in the ground using the S400. 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

APAC Infrastructure is an Australian metal fabrication company dedicated to high tech industries in the commercial, industrial, and defence sectors. Our team is committed to evolving our solutions to meet the rapidly changing needs of our rapidly changing world, ensuring your team deliver solutions at the very forefront of technological development. APAC develops made-to-measure height systems for ...

Physical Specification

Subtype
Interface Bracket
Dimensions
289 × 289 × 250 mm
Mounting
S400 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	Bright/Pickled Finish
1	M12 Bolt and Nyloc	Steel	Electroplate Galvanised

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