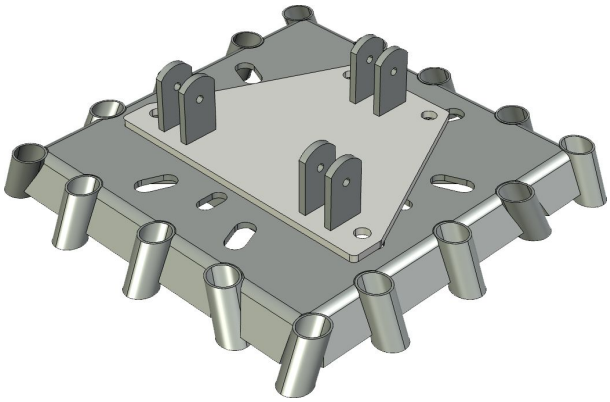
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# AL340 Hinged Base Plate for S600

AP-AL340-HBP-S600



## Key Features

- Fully welded stainless steel assembly
- Easy hinge-down tower installation/maintenance
- Suits S600 and other footings
- Part of the AL340 Ecosystem

## Overview

The AP-AL340-HBP-S600 is an interface bracket that allows an AL340 Base Module to attach to a Surefoot S600 pile cap. The Base Module and Hinging Base Plate are used together so that AL340 towers can be built on the ground and safely raised upright.

The Hinging Base Plate operates in only one axis, preventing the tower from leaning sideways during erection, ensuring the tower can be raised either by hand or with minimal lifting equipment. The bolt pattern permits placement at multiple angles.

It is required to construct AL340 aluminium lattice towers that are to be installed in the ground using the S600. It has three clevis-forks that accepts the three clevis-eyes present on AL340 base modules. A Stainless Steel M12 Bolt and Nyloc is used as a pin to secure each of the two clevis components.

Thanks to the precision machining, the structural load is directed through the 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.

The Hinged Base Plate is most commonly used with AL340 freestanding towers up to 6 metres and guyed towers up to about 12 metres. For towers beyond this height the AL340 Reducer and Billet base should be used.

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## Specification

| Parameter | AP-AL340-HBP-S600 |
|---|---|
| **Physical Specification** | |
| System | **AL340** |
| Subtype | **Interface Bracket** |
| Materials | **Stainless Steel 304** |
| Mounting | **S600 Bolt Pattern** |
| Dimensions | **491 × 365 × 116 mm** |
| Weight | **15.7 kg** |
| **Interfaces** | |

Installation / Attachment

| Quantity | Mounting | Notes |
|---|---|---|
| 1 | S600 Bolt Pattern | Can be attached to other surfaces via bolts |

Available Interfaces

| Quantity | Interfaces | Notes |
|---|---|---|
| 1 | AL340 Clevis-Fork Pattern | For receiving AL340 Base Modules |

**Subcomponents**

| Quantity | Item | Materials | Material Finish |
|---|---|---|---|
| 1 | 12 mm Flat Bar Base with 12 mm Flat Bar Forks | Stainless Steel 304 | Mill Finish |

| Quantity | Bundled Components |
|---|---|
| 3 | Hex Bolt, Stainless Steel - M12 x 80mm Standard Thread (AP-FSS-HXB-M12-80) |
| 3 | Nylock Nut, Stainless Steel - M12 Standard Thread (AP-FSS-NYN-M12) |
| 3 | Flat Washer, Stainless Steel - M12 (AP-FSS-FW-M12) |

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### Contact us

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Specifications, dimensions and weights are nominal, correct at the date of issue and subject to change without notice. Images are for illustration and may show optional equipment. Confirm suitability for your site, including wind region and mounting surface, with APAC before ordering, and install in accordance with APAC's instructions and the relevant Australian Standards.

Issued 11 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/base-plates-interfaces/al340-hinged-base-plate-s600?v=414

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