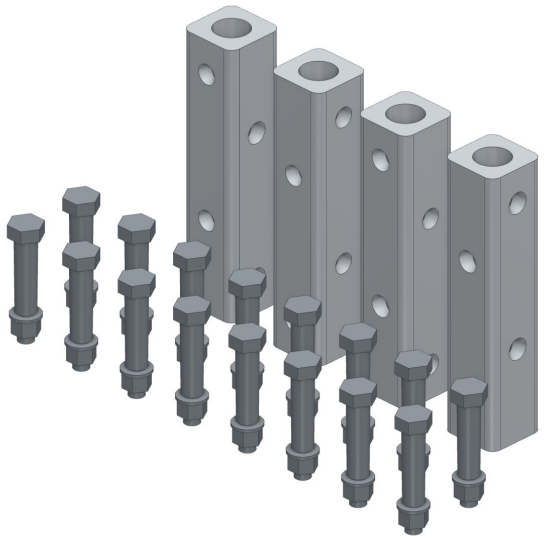
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ABN: 43 615 637 235
1300 952 788
sales@apacinfrastructure.com.au

AML500 Joint Kit - Module to Module (4 Spigots, 16 Taper Bolt Sets)

AP-AML500-JK-MM



Key Features

- The fixings for one AML500 joint
- Stainless 316 taper bolts with M16 nylocs and washers
- Machined 6061-T6 spigots (module to module)
- Taper-reamed fit: tight, without free play

Overview

The fixings for one AML500 joint. The module-to-module kit has four machined 6061-T6 spigots, one for each chord, and 16 stainless taper bolts with M16 nyloc nuts and washers: two for each chord on each side of the joint. The module-to-node kit has the eight taper bolt sets for the module's side; the node's spigots are fixed. The same kits bolt a leg to an AML500 base plate: the module-to-node kit for a node on the socket base or a module on the spigot base, the module-to-module kit for a module on the socket base.

The 1:50 taper bolts seat in holes taper-reamed through chord and spigot, so the joint pulls up tight without free play and keeps the structure aligned.

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Specification

Parameter	AP-AML500-JK-MM
Physical Specification	
System	**AML500**
Subtype	**Interface Bracket**
Materials	**Aluminium** **Stainless Steel**
Mounting	**AML500 Spigot Joint**
Dimensions	**525 × 227 × 280 mm**
Weight	**14.5 kg**
Interfaces	
Installation / Attachment	

Quantity	Mounting	Notes
1	AML500 Spigot Joint	Joins two AML500 module ends

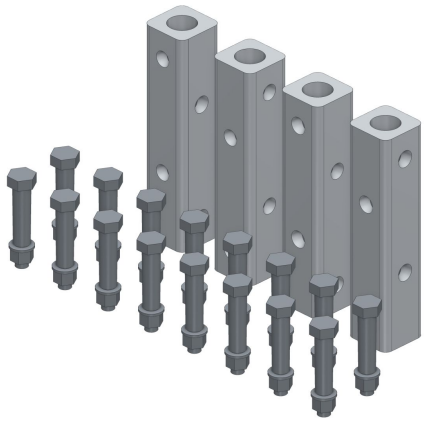
Subcomponents

Quantity	Item	Materials	Material Finish
4	Joint Spigot, 63 mm Square x 280 mm, Taper-Reamed	Aluminium 6061-T6	Mill Finish
16	Taper Bolt, 1:50 Taper, Ø22 mm, M16 Thread	Stainless Steel 316	

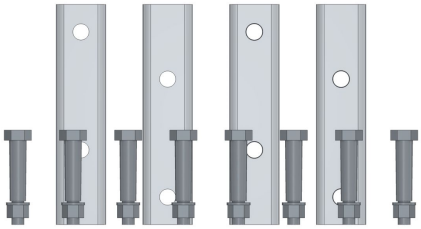
Quantity	Bundled Components
16	Nylock Nut, Stainless Steel - M16 Standard Thread (AP-FSS-NYN-M16)
16	Flat Washer, Stainless Steel - M16 (AP-FSS-FW-M16)

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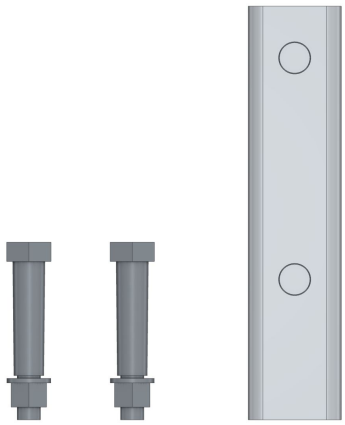
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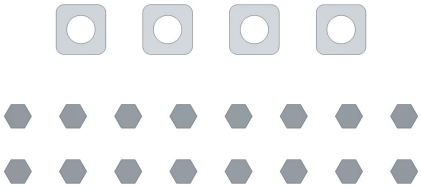
Isometric



Front



Side



Top

Variants

	AML500 Joint Kit - Module to Module (4 Spigots, 16 Taper Bolt Sets) AP-AML500-JK-MM · this datasheet
	AML500 Joint Kit - Module to Node (8 Taper Bolt Sets) AP-AML500-JK-MN

Australian designed and manufactured infrastructure for public safety and first response, built on the Sunshine Coast, Queensland. Need a variation on this design? Our team can engineer it to suit your site.

Contact us

Phone	1300 952 788
Email	sales@apacinfrastructure.com.au
Web	apacinfrastructure.com.au
ABN	43 615 637 235

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/aml500-joint-kit-module-module-module-node?v=799

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