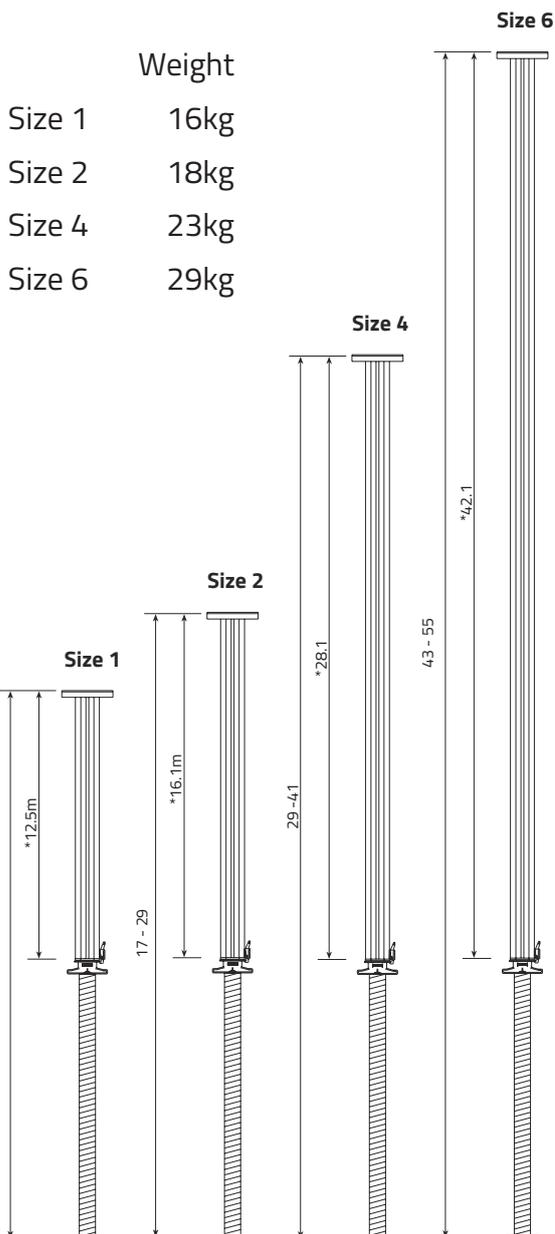


Titan Support System

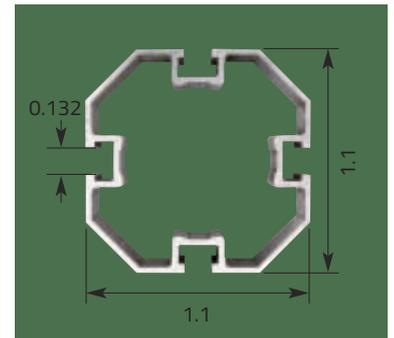
TITAN LEGS

Titan legs are available in four sizes, each with continuous vertical slots to allow ledger frames to be fitted quickly and securely at the optimum height. Titan screw jacks can be fitted at the top and bottom of each leg, offering vertical adjustment of up to 2.4m.

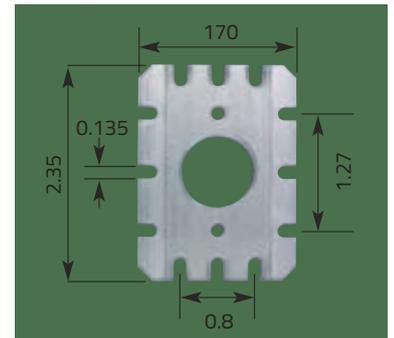
*Note: Length includes headplate and iflon disc



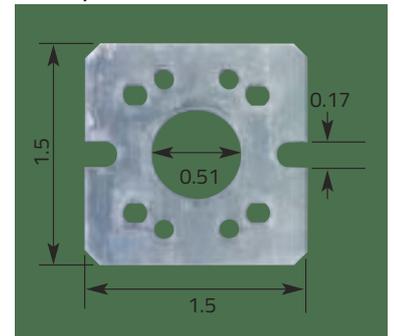
Profile



Headplate



Baseplate



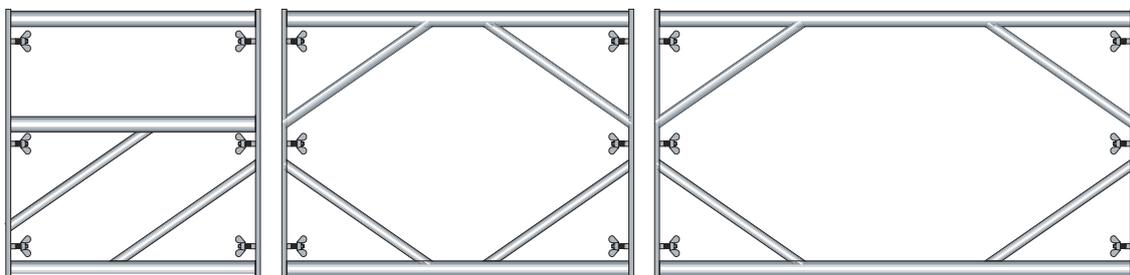
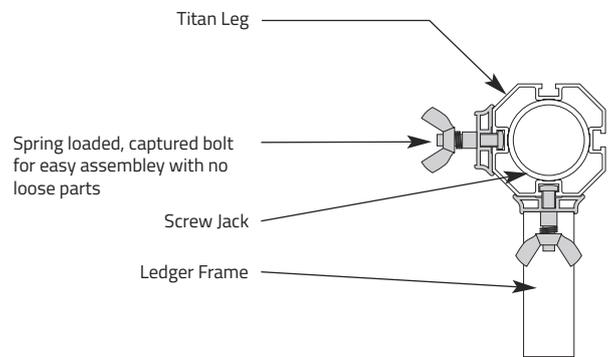
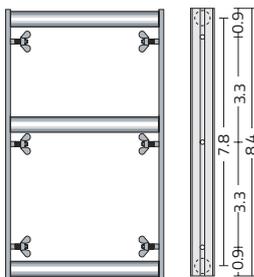
Retainer Clip



TITAN LEDGER FRAMES

A range of seven Titan ledger frames is available.

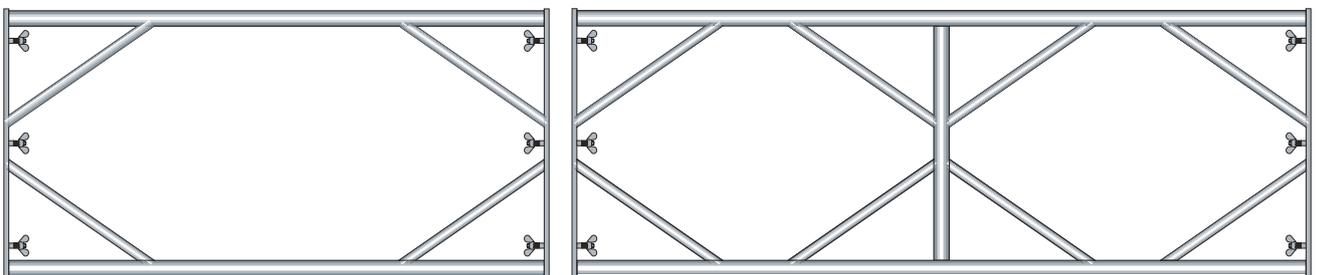
*Note: Frame dimensions shown are in metres and centre-to-centre of Titan legs.



9m (7.5kg)

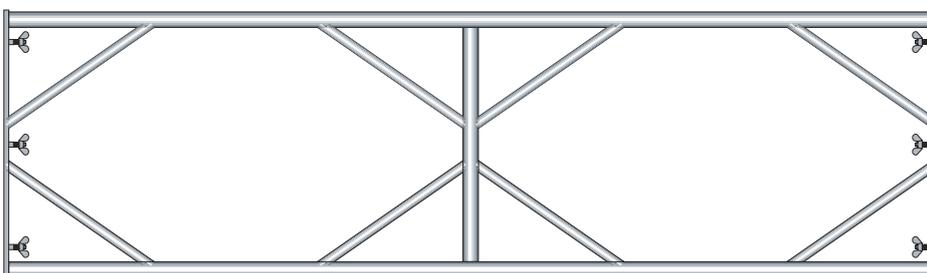
12m (7.8kg)

16m (9.5kg)



18m (10.2kg)

24m (13.5kg)

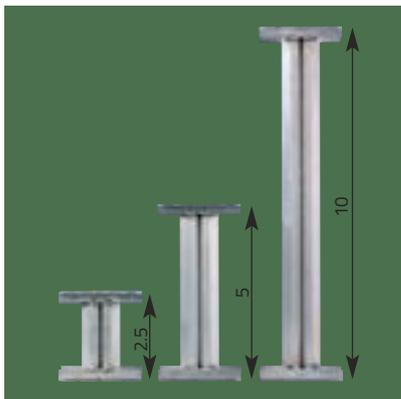


30m (15.9kg)

TITAN ACCESSORIES

The modular Titan system has been designed to combine maximum flexibility in use with a minimum number of components.

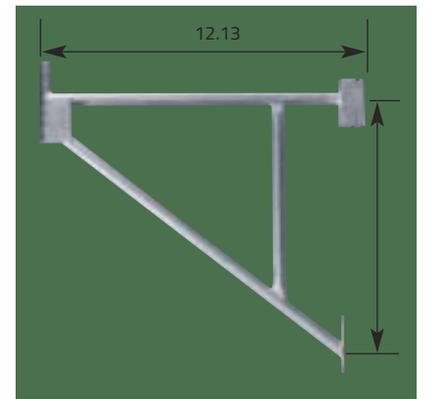
The range of Titan accessories enhances the versatility of the Titan support system without adding significantly to the number of components.



Titan extension piece
Extension pieces are available to make up non-standard heights.



Titan spanner
Simplifies jack adjustment



Titan Cantilever bracket
Provides external access and support



Titan rocking head plate
For sloping soffits, ramps and other inclined surfaces

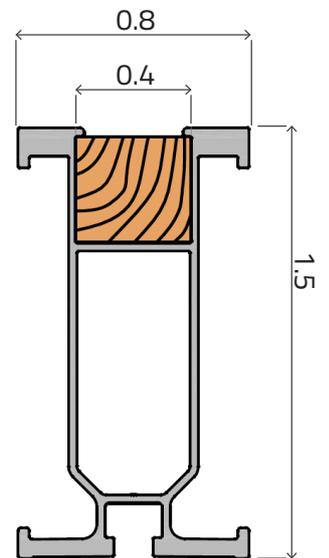


Titan leg adaptor plate
For connecting to jack base plate



Titan connecting bracket
Provides rapid connection between headplates

TWIN WEB ALUMINIUM BEAMS



Lengths (m)

1.2	1.8	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	6.4	7.2
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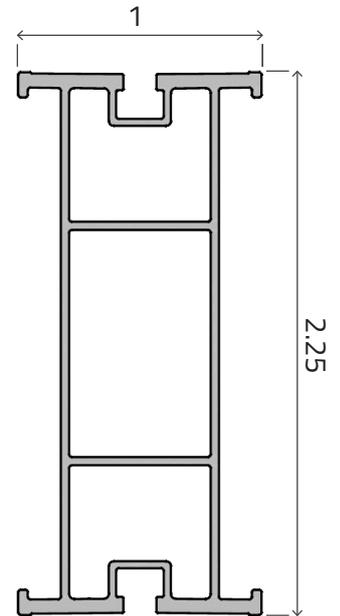
THORN 1.5 BEAM

MATERIAL AND SECTION PROPERTIES – ALLOY 6082 T6 EXTRUDED

AREA	MOMENT OF INERTIA	SECTION MODULUS	MODULUS OF ELASTICITY	BENDING STIFFNESS	WEIGHT	MOMENT RESISTANCE	ALLOWABLE SHEAR LOAD
A	I_{xx}	Z_{xx}	E	E.I	W	M_{rd}	V_{rd}
CM ²	CM ⁴	CM ³	N/mm ²	kNm ²	kg/m	kNm	kN
18.9	599	77.1	70000	419	5.7	11.9	34.5

LOAD VALUES ASSUME FULL RESTRAINT OF TOP FLANGE & SUPPORTS ARE ALSO RESTRAINED

TWIN WEB ALUMINIUM BEAMS



Lengths (m)

1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.4	7.2	8.0	9.0	10	11
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THORN 2.25 BEAM

MATERIAL AND SECTION PROPERTIES – ALLOY 6082 T6 EXTRUDED

AREA	MOMENT OF INERTIA	SECTION MODULUS	MODULUS OF ELASTICITY	BENDING STIFFNESS	WEIGHT	MOMENT RESISTANCE	ALLOWABLE SHEAR LOAD
A	I_{xx}	Z_{xx}	E	E.I	W	M_{rd}	V_{rd}
CM ²	CM ⁴	CM ³	N/mm ²	kNm ²	kg/m	kNm	kN
33.2	2255	200	70000	1578	8.95	31.0	84.3

LOAD VALUES ASSUME FULL RESTRAINT OF TOP FLANGE & SUPPORTS ARE ALSO RESTRAINED