

Technical Data Sheets

Metric Specification



TETRASHOR

MEDIUM DUTY LATTICE SHORING SYSTEM



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Introduction

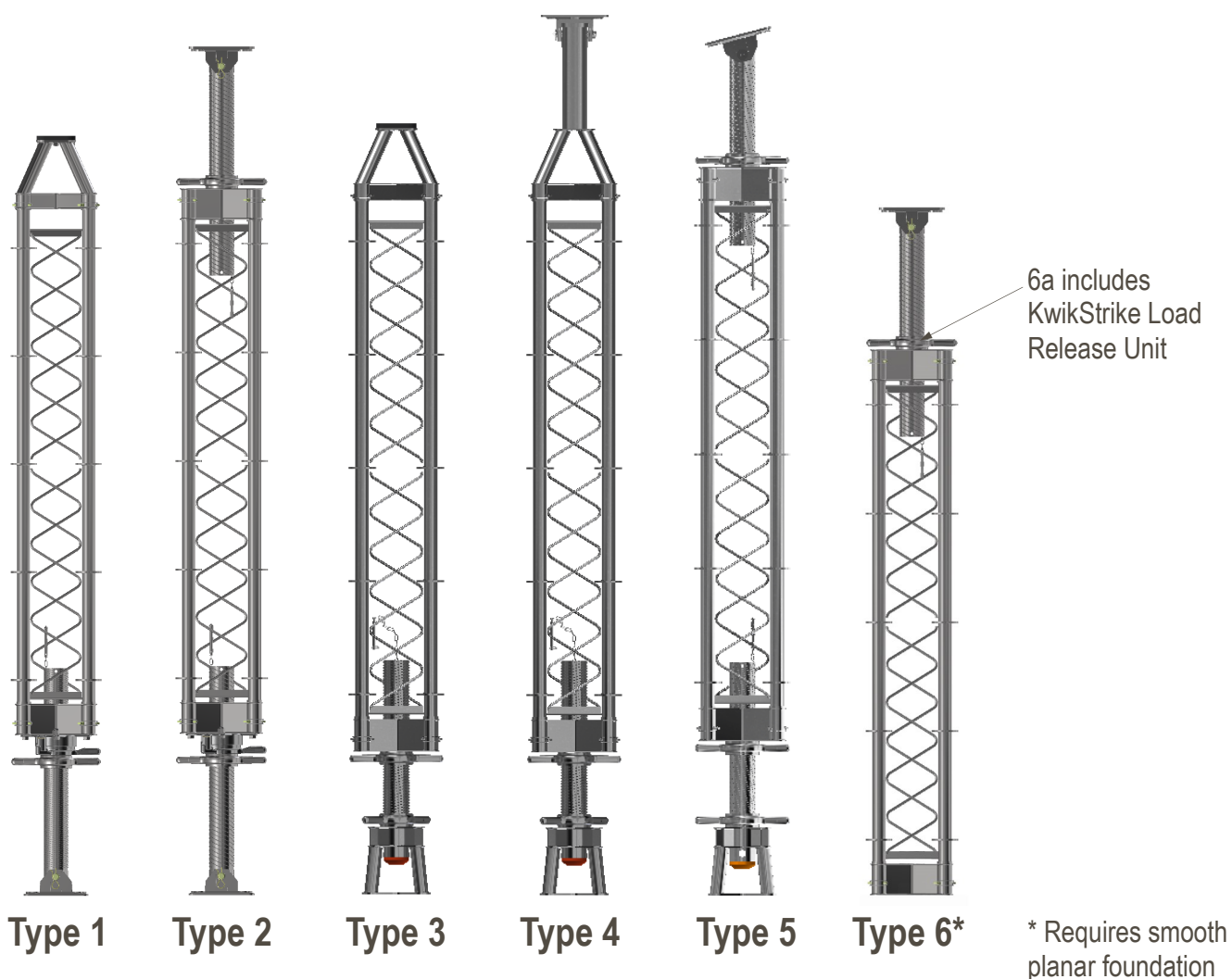
With three different leg lengths that can be simply pinned together at the joints and multiple head / base accessories, RMD Kwikform Tetrashor is a portable, medium duty lattice shoring system designed to significantly improve productivity on site. Reduced material costs, improved versatility and ease of use mean that Tetrashor provides performance not found in other shoring systems.

The system can be used as a vertical, horizontal, inclined prop or push-pull with allowable compressive loads of up to 400kN. Props can also be laced and braced together using Rapidshor Ledgers and Braces to form 1200kN load capacity Tetrashor Towers. Megashor and Superslim accessories can be fitted to the ends of Tetrashor Props further extending the range of available applications. There are options for either controlled load application and removal using a hydraulic jack, or rapid unloading using the Tetrashor KwikStrike Unit.

Design to EN Standards

The RMD Kwikform Tetrashor System has been designed in accordance with EN1991-1-1.

To facilitate a simplified scheme design using established permissible load methods, load performance data in this document is displayed as an 'Allowable Working Load'. Should Limit State Design be required, the Design Resistance may be obtained by multiplying the Allowable Working Load values by 1.5.



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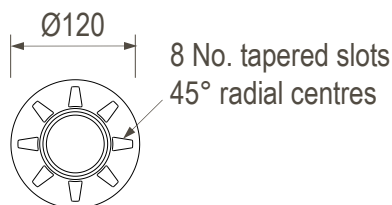
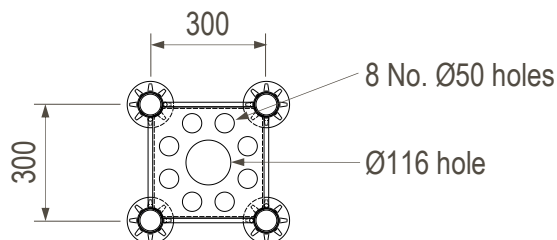


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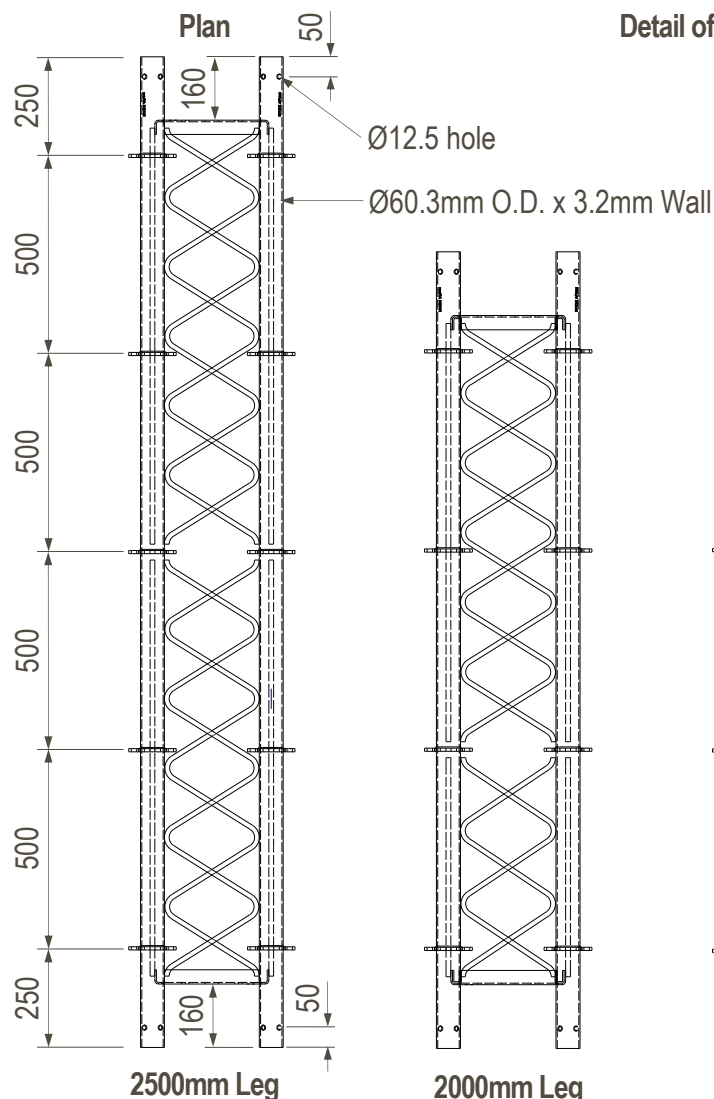
Tetrashor Legs

Fabricated from four Rapidshor legs with 12mm diameter welded high yield steel lattice bracing.

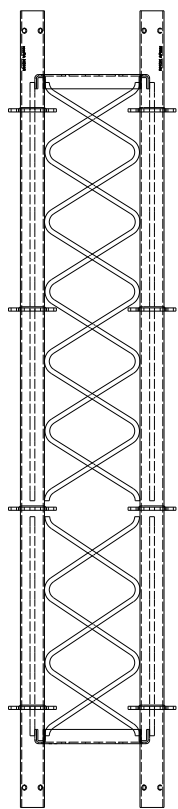
AWL = 400kN



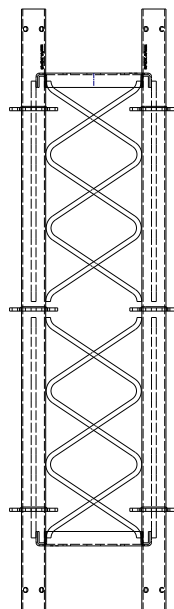
Detail of Rosette



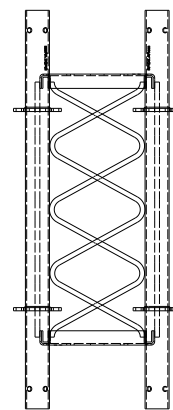
2500mm Leg



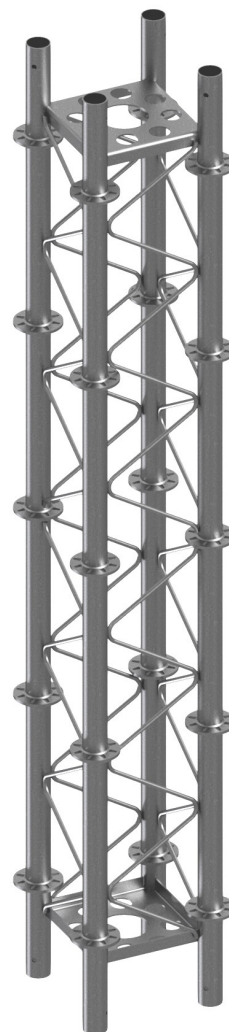
2000mm Leg



1500mm Leg



1000mm Leg



* 1000mm legs are only permitted singly at the end of a prop makeup or for assembling a short prop

Code	Description	Weight
TEX01000*	Tetrashor Leg 1000mm	30.7 kg
TEX01500	Tetrashor Leg 1500mm	43.7 kg
TEX02000	Tetrashor Leg 2000mm	57.6 kg
TEX02500	Tetrashor Leg 2500mm	71.4 kg

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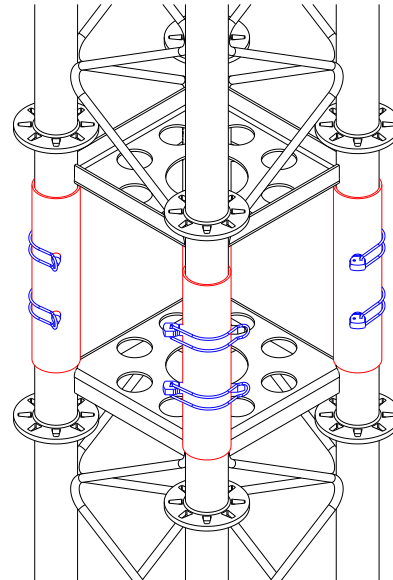
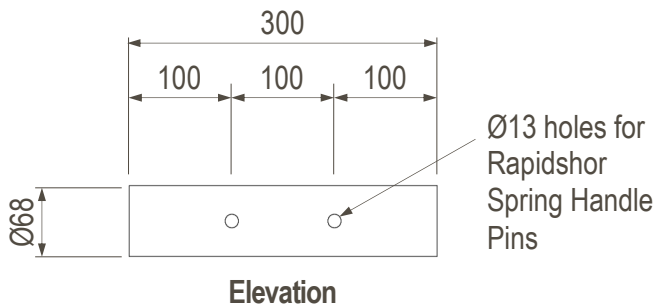


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Rapidshor Joint Sleeve 300mm (RSX10005) weight 1.53kg

Four Rapidshor Sleeves are each used in conjunction with two Rapidshor SafePins (RSX10024) to join together the Tetrashor leg.

AWL = 25kN each tension, 100kN total



Rapidshor Sleeve Clip (RSX10009) weight 0.09kg

Used in conjunction with the Rapidshor Joint Sleeve 300mm (RSX10005) to join Tetrashor components end to end.

Note: Does not fit the Tetrashor Jack Adapter (TEX10010) or Tetrashor Pyramid Head 250mm (TEX30010).

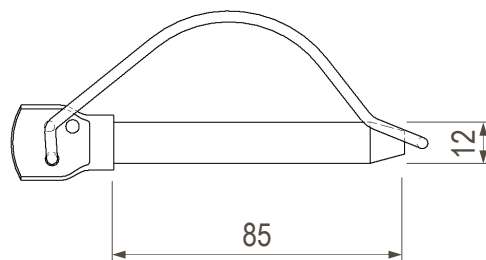
AWL = 25kN



Rapidshor SafePin (RSX10024) weight 0.13kg

A spring locked pin used in conjunction with either the Rapidshor Joint Sleeve 300mm (RSX10005), Tetrashor Jack Adapter (TEX10010) or Tetrashor Pyramid Head 250mm (TEX30010) to provide a more secure means of joining Tetrashor leg sections end to end.

AWL = 25kN



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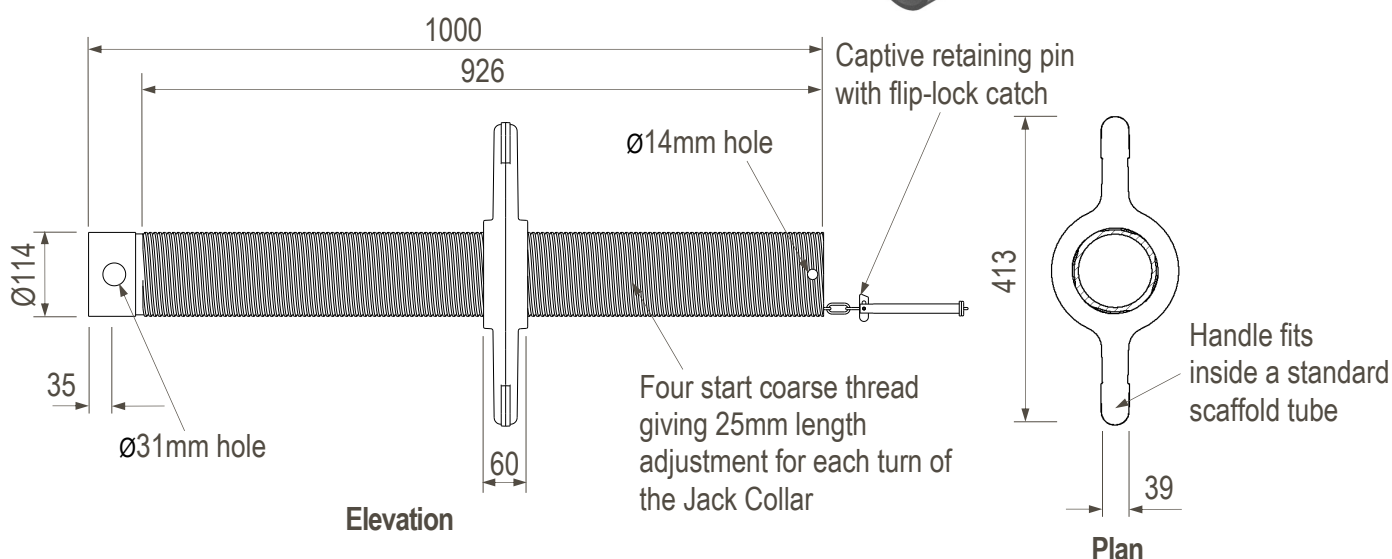
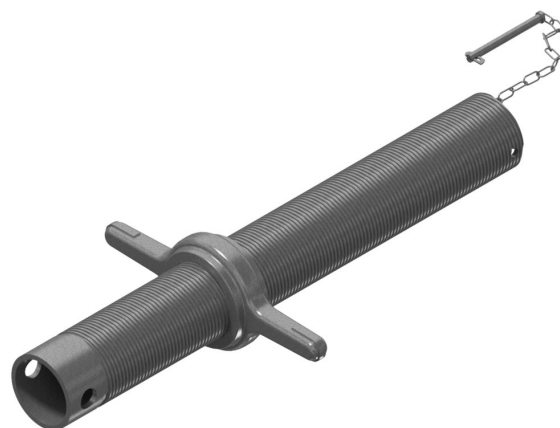


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Tetrashor Jack Assembly 100-640mm

An adjustable jack used with either Tetrashor Tilt Plate 90mm (TEX10060) or a Tetrashor Jacking Stool 300mm (TEX20010) when a second Tetrashor Jack Collar (TEX10030) is added.

AWL = 400kN compression when load is transferred through the Tetrashor Jack Dome, 200kN when the load is transferred through the Tetrashor Pin 30x180mm. No tension capacity.



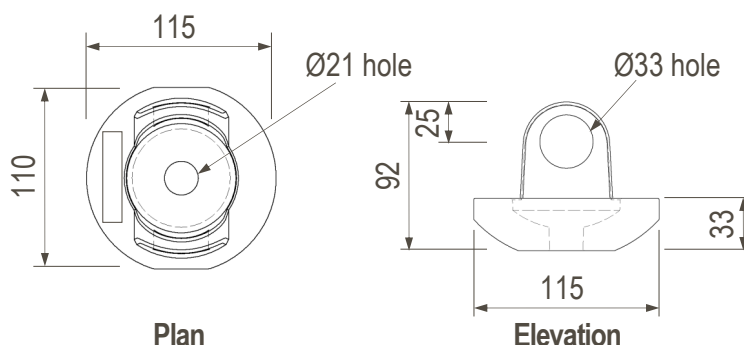
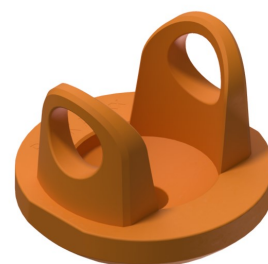
Do not use Rapidshor Jacks with Tetrashor legs unless performance can be verified using non-linear second order analysis.

Code	Description	Weight
TEX10020	Tetrashor Jack Assembly 100-640mm	25.0 kg
TEX10030	Tetrashor Jack Collar 60mm	6.65 kg

Tetrashor Jack Dome (TEX10040) weight 2.15kg

Secures in the end of a Tetrashor Jack Assembly 100-640mm with a Tetrashor 30mm Pin & R Clip (TEX10050 + SSU10011) to ensure concentric bearing through the Tetrashor Tilt Plate 90mm (TEX10060).

AWL = 400kN for tilt angles up to 15 degrees, 200kN for larger tilt angles



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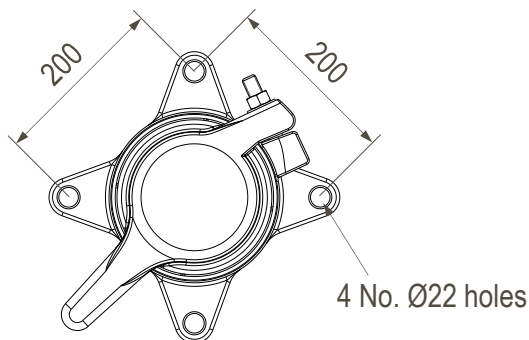
Tetrashor KwikStrike Load Release (TEX10070) weight 12.4kg

An innovative unit used in the assembly of Tetrashor Props type 1 and 2 to facilitate fast & efficient release of the load in the jack and supplied in two parts that mate together on the Tetrashor Jack stem.

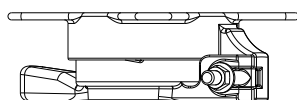
Bolt the four lugs of the Helical Bearing to the end plate of the Tetrashor Jack Adapter using 4 No. M20x40 Set Pins gr8.8 BZP and M20 Hexagon Nuts gr.8 BZP (BNU20005 + BNU20001). Assemble the Stripping Collar such that the serrated ramps on the two components are in contact with each other and set the unit by rotating the collar and engaging / tightening the locking bolt.

Strike the load by loosening / dis-engaging the locking bolt then rotating the stripping collar handle by hitting with a hammer.

AWL = 400kN



Plan

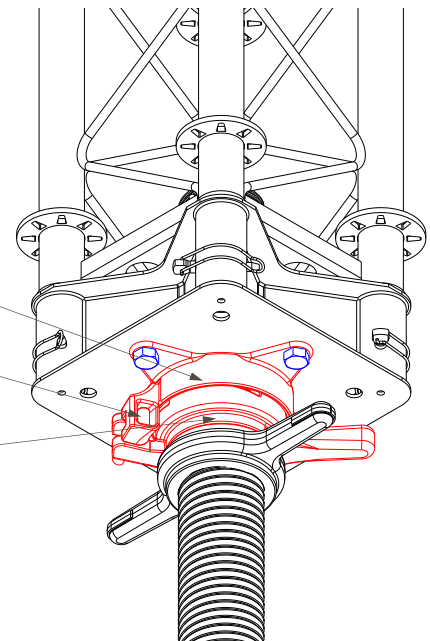


Section

Helical Bearing

Locking Bolt

Stripping Collar



Do not allow lubricant to come into contact with the unit or the adjacent jack handle or stem.

Do not attempt to rotate the stripping collar using a tube fitted over the handle as injury may result. Keep body parts clear of closing gaps.

The release of load will be sudden and may be complete; control stripping sequence to ensure that unacceptable loads are not transferred to adjacent supports. Pay particular attention to this aspect if using with Tetrashor Towers.

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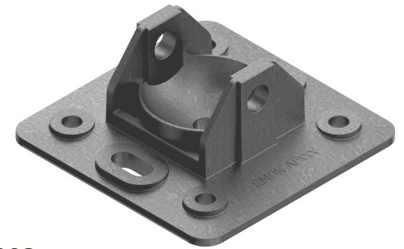
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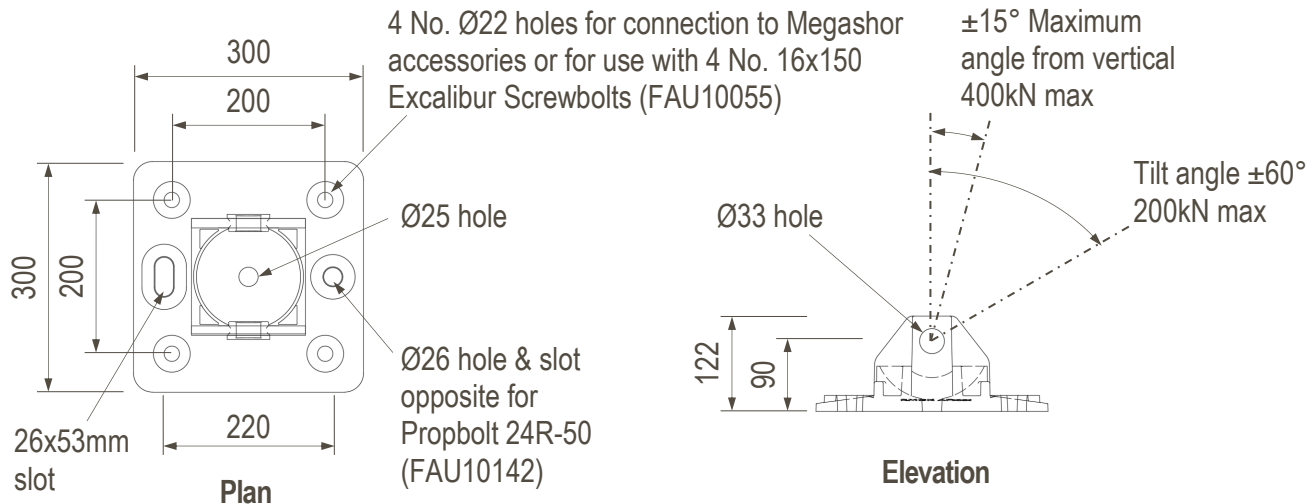
Tetrashor Tilt Plate 90mm (TEX10060) weight 15.8kg

Used at the base of a Tetrashor Prop to transfer the load from the Tetrashor Jack Assembly 100-640mm (TEX10020) to the supporting structure. Can also be connected to the end of a Megashor leg or to the flanges of Tri-Web Beams.



AWL = 400kN when used with the Tetrashor Jack Dome and tilt angles ± 15 degrees

AWL = 200kN when used without the Tetrashor Jack Dome or with the Dome for angles over 15 degrees

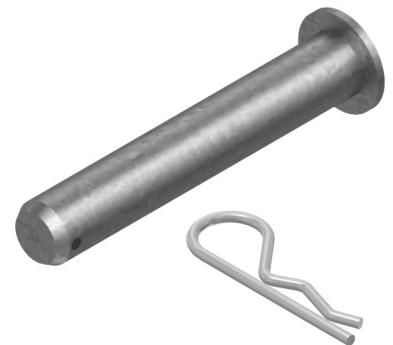
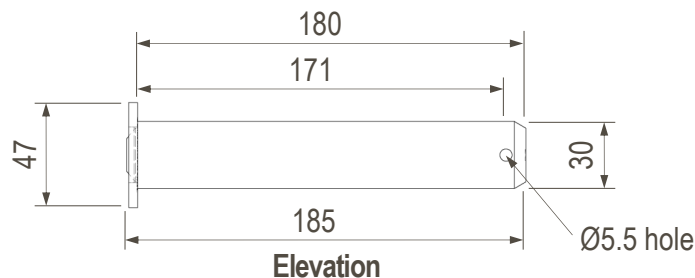


When an M20 bolt is used instead of the 30mm pin, the tilt plate will also provide a rotation of ± 4 degrees in the other axis as long as the overall tilt angle does not exceed ± 15 degrees

Tetrashor Pin 30x180mm (TEX10050) weight 1.05kg

Used with the Superslim R Clip 5 x 100mm (SSU10011) to connect the Tetrashor Jack Assembly 100-640mm (TEX10020) with or without the Tetrashor Jack Dome (TEX10040) to the Tetrashor Tilt Plate 90mm (TEX10060).

AWL = 200kN



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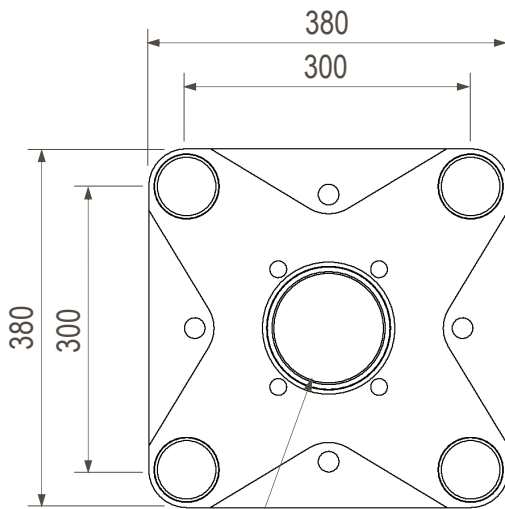
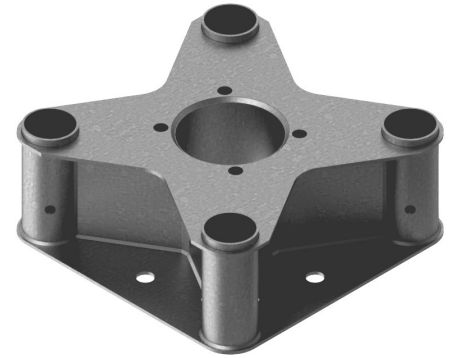


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Tetrashor Jack Adapter (TEX10010) weight 17.6kg

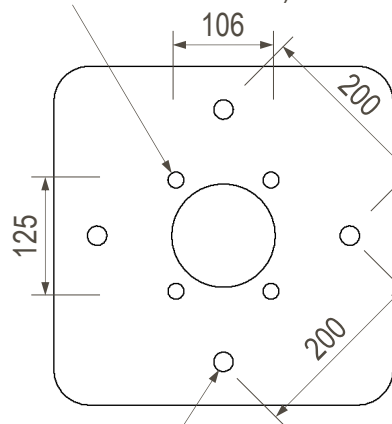
Used with either a Tetrashor Jack Assembly 100-640mm (TEX10020) or Megashor and Superslim Accessories.

AWL = 400kN compression with Tetrashor Jack Assembly 100-640mm or Megashor Jack, 150kN compression and 100kN tension with Superslim components. Not recommended for use in tension when connected to Megashor.



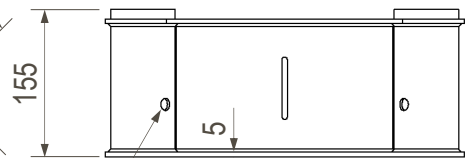
Ø116 hole
Plan

4 No. Ø18 holes for Superslim Prop Jack. Connect using M16x190 gr 8.8 Bolt & M16 Hex Nuts (BNX16006 + BNU16001)



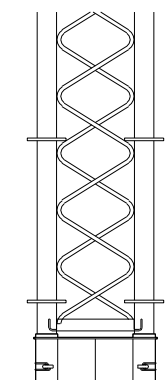
4 No. Ø22 holes for Megashor Screw Jack. Connect using M20x60 gr 8.8 Bolts & M20 Hex Nuts (BNU20011 + BNU20001)

View on 'A'

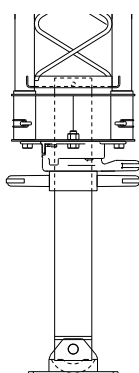


Ø13 hole for Rapidshor Safepin

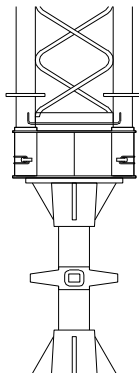
Elevation



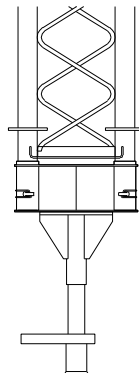
Tetrashor Jack Adapter *



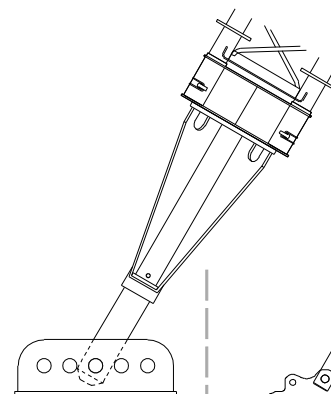
Tetrashor Jack



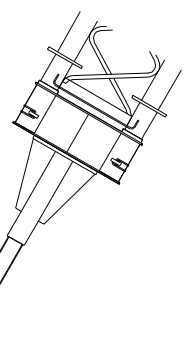
Megashor Jack



Slimshor Jack



Megashor Prop Jack



Superslim Push-Pull Jack

COMPRESSION APPLICATIONS

PUSH PULL APPLICATION

* Requires smooth planar foundation

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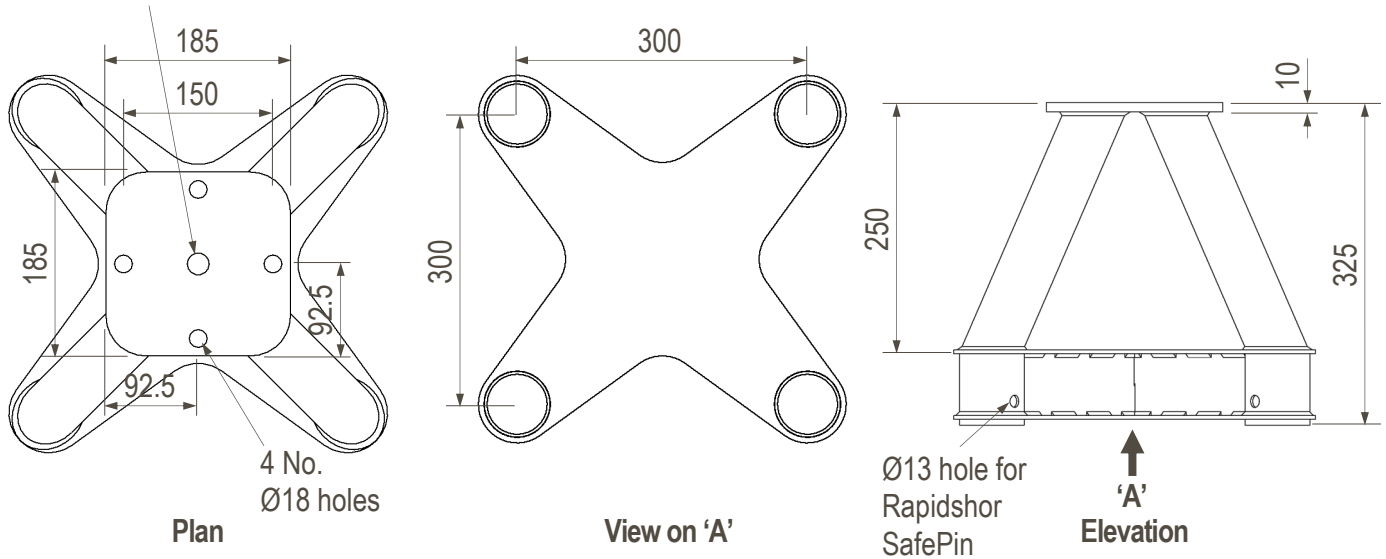
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Tetrashor Pyramid Head 250mm (TEX30010) weight 17.0kg

Used either bolted directly to the soffit or with the Neoprene Bearing at the head of a Tetrashor Prop to transfer the load evenly to the four Rapidshor Standards that make up a Tetrashor leg.

AWL = 400kN

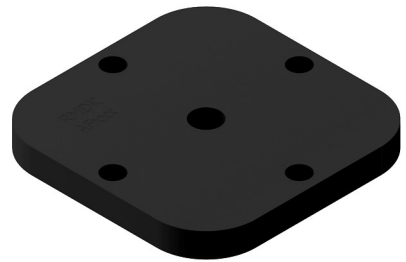
Ø22 hole can be fed over 20mm diameter stud projecting from the supported structure to laterally support the top of the prop



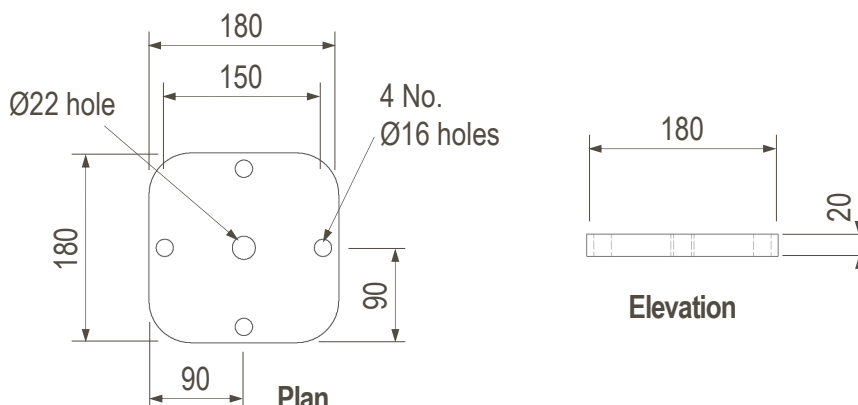
Tetrashor Neoprene Bearing 20mm (TEX30030) weight 0.75kg

Bolted to the end of a Tetrashor Prop using 4 No. M16x50 Set Pins gr8.8 BZP CSK & M16 Hex Nuts gr8 BZP (BNJ16001 + BNU16001), the Tetrashor Neoprene Bearing 20mm is used to maintain concentric loading in the prop at the head where prop stiffness is less important.

AWL = 400kN



Ensure that Tetrashor prop is erected perpendicular to the supported surface



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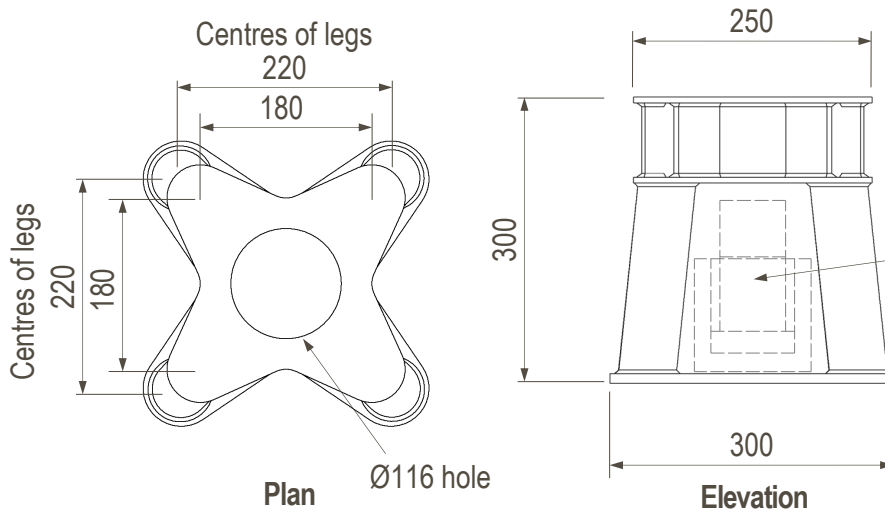


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Tetrashor Jacking Stool 300mm (TEX20010) weight 16.2kg

Used in conjunction with a medium stroke hydraulic cylinder to apply, help to remove or measure the load in a Tetrashor prop. Once the load has been locked off by securing two Jack Handles against the Jacking Stool 300mm and Jack Adapter, the hydraulic cylinder can be removed. The hydraulic cylinder bears on the flat end of the Tetrashor Jack Dome.

AWL = 400kN



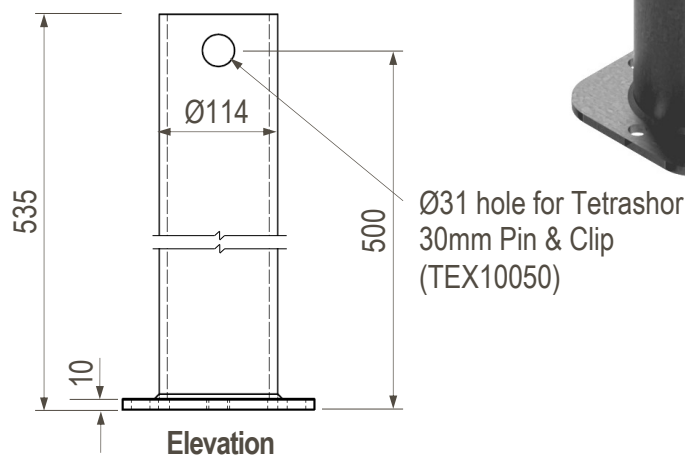
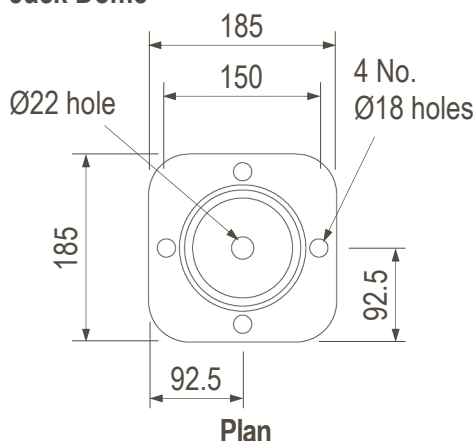
Designed to accommodate a 45T Enerpac RCS-502 single acting cylinder - 60mm stroke or similar (maximum jack diameter 124mm with a body height of 150mm)

Note: Only for use with Tetrashor props perpendicular to the surface of the supporting foundation.

Tetrashor Stub End 500mm (TEX30500) weight 13.4kg

Bolted to the Tetrashor Pyramid Head 250mm (TEX30010) using 4 No. M16x40 Set Pins gr8.8 BZP & M16 Hex Nuts gr8 BZP (BNU16007 + BNU16001), provides 500mm of medium coarse prop length adjustment and enables connection of a Tetrashor Tilt Plate 90mm (TEX10060). Only used to access particular prop lengths when the Tetrashor Jacking Stool is used.

AWL = 400kN when used with the Tetrashor Jack Dome for tilt angles up to 15 degrees, 200kN for larger tilt angles and when used with or without the Tetrashor Jack Dome



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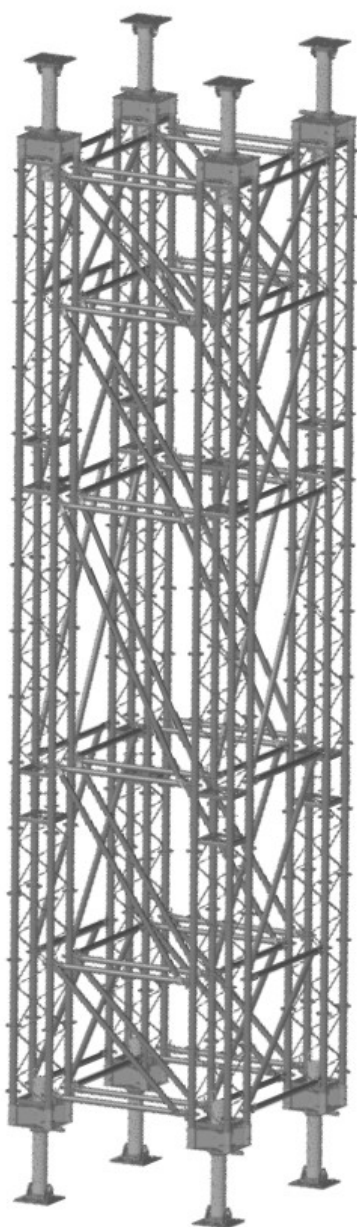
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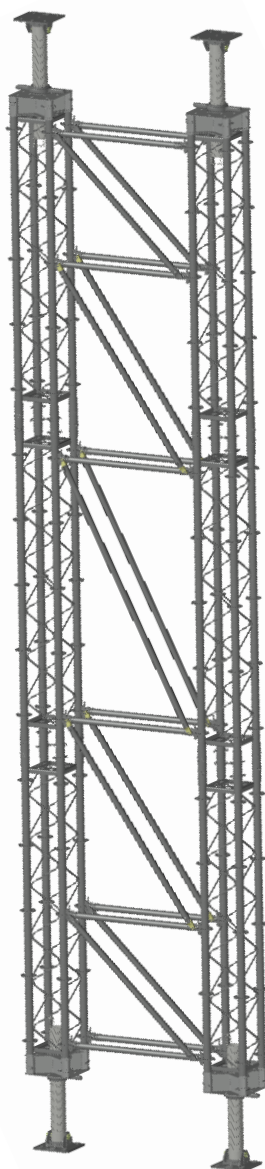
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Tetrashor Applications

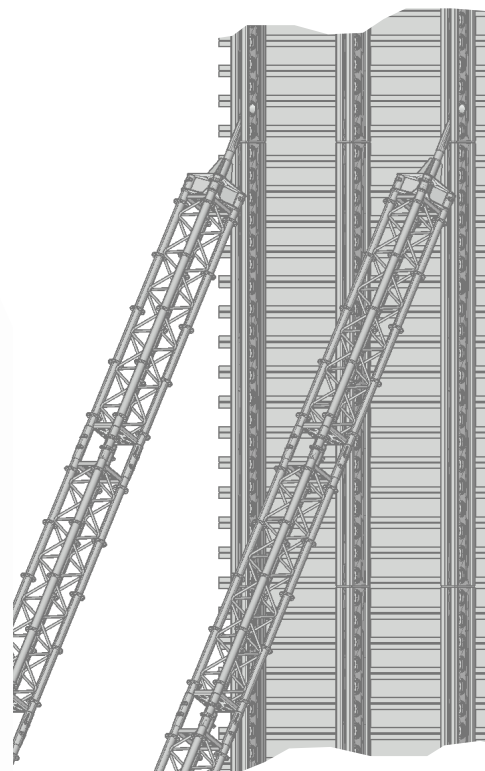
As well as a multi-purpose individual prop, Tetrashor Legs can be grouped together using Rapidshor Ledgers and Braces connected to the integral welded disks; refer to Rapidshor Data Sheets for item codes. Tetrashor can be grouped to form linear support structures for use connected to a bridge abutment or adjacent Rapidshor falsework. High load capacity Tetrashor towers can also be formed for use in laterally top-restrained applications.



Tetrashor Towers *



Tetrashor Linear Propping



Propping for Formwork

Also great for facade retention and flying shores in refurbishment applications

* At low Tetrashor Tower heights the allowable working load is limited by local effects at the connection of the bottom Rapidshor Ledgers and Braces to the Tetrashor Legs. As a result the allowable working load for Tetrashors linked to form low height towers is lower than that for individual Tetrashor Legs of the same propping height.

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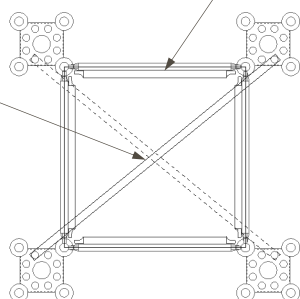
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Tetrashor Tower Type A

Used in top restrained applications where Rapidshor ledgers and braces facilitate assembly but do not enhance the allowable load capacity above that for unbraced Tetrashor legs.

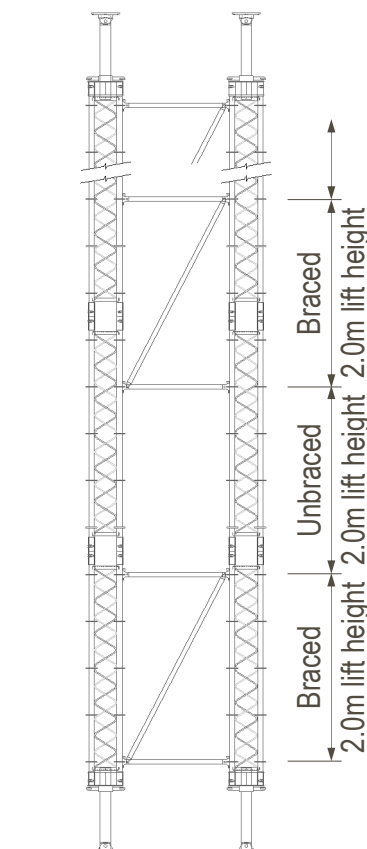
Allowable Working Loads per Tetrashor Leg are shown in Graph V1

Tube & Fitting plan bracing connected to Tetrashor leg with 2 3/8" x 2" Fixed couplers (SFX10005) at 6.0m maximum lifts (reverse the direction of alternate tube lifts).



Plan

Ledger present on inside face of Tetrashor legs only and only alternative lifts braced



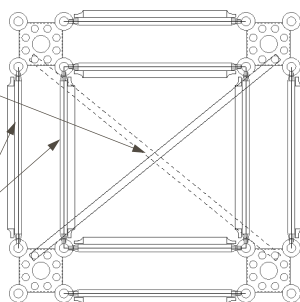
Elevation

Tetrashor Tower Type B

Used in top restrained applications where Rapidshor ledgers and braces enable higher leg loads to be carried than would be the case with unbraced Tetrashor legs.

Allowable Working Loads per Tetrashor Leg are shown in Graphs T1-T4

Tube & Fitting plan bracing connected to Tetrashor leg with 2 3/8" x 2" Fixed couplers (SFX10005) at 6.0m maximum lifts (reverse the direction of alternate tube lifts).

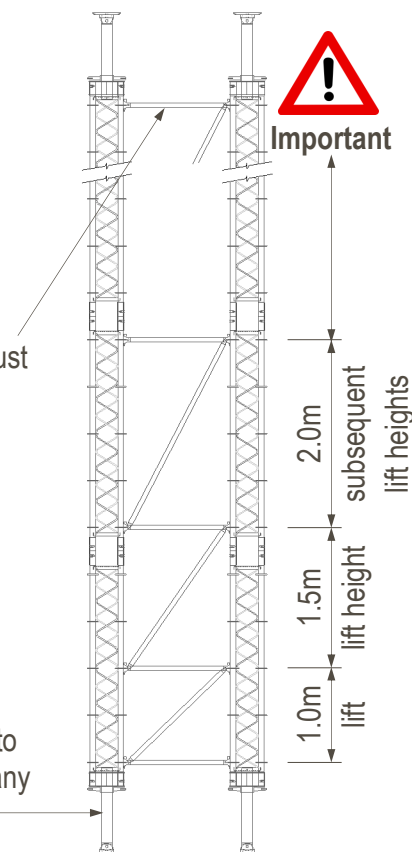


Plan

Ledgers must be present for both Tetrashor faces and braces must be in the same direction for both faces

Ledgers and braces must extend to the top and bottom of the prop

No bracing is required to head or base jacks at any extension for stated performance



Elevation

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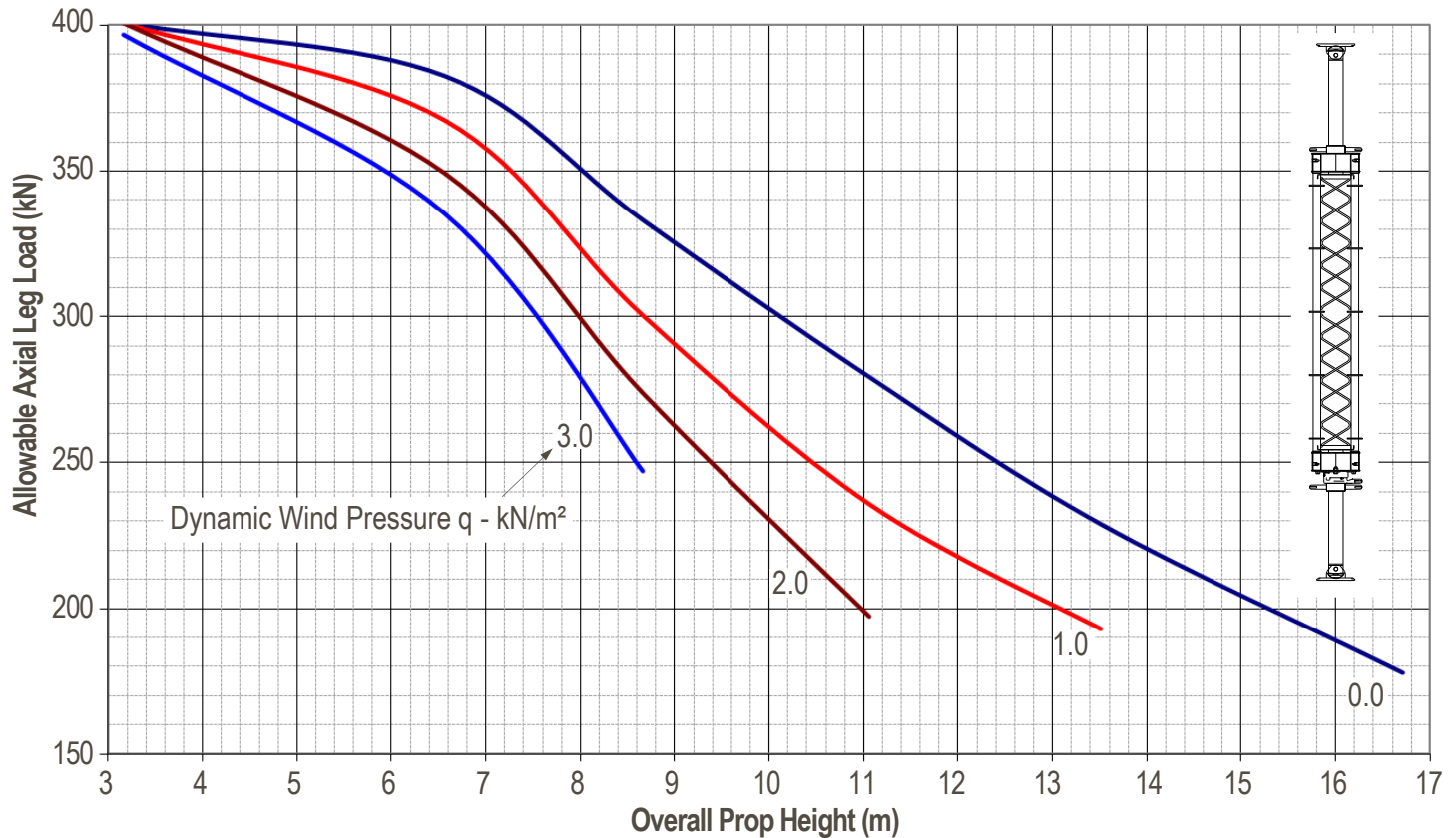
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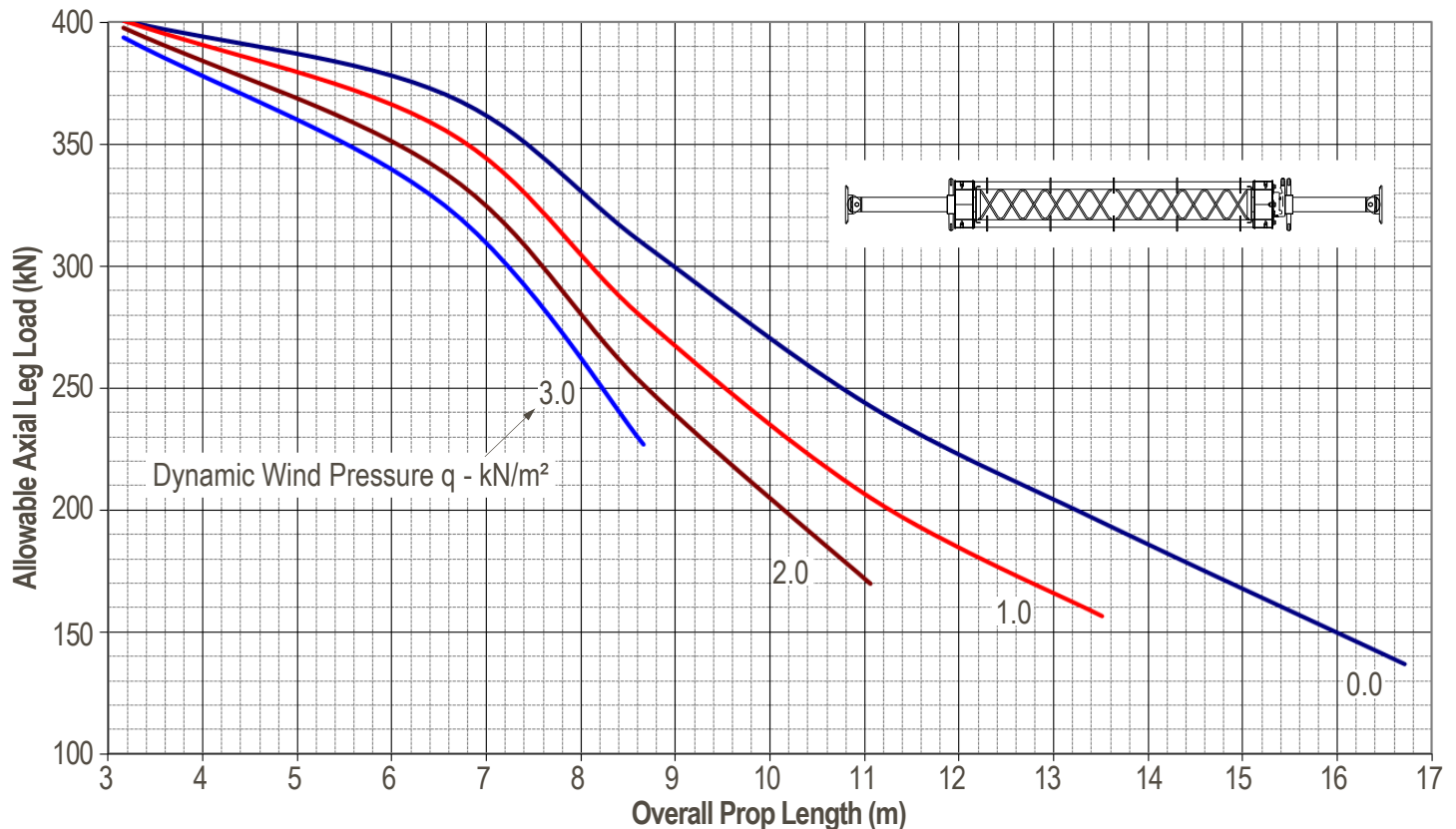
Allowable Working Load of Vertical Tetrashor Prop with any End Fittings

Graph V/1



Allowable Working Load of Horizontal Tetrashor Prop with any End Fittings

Graph H/1



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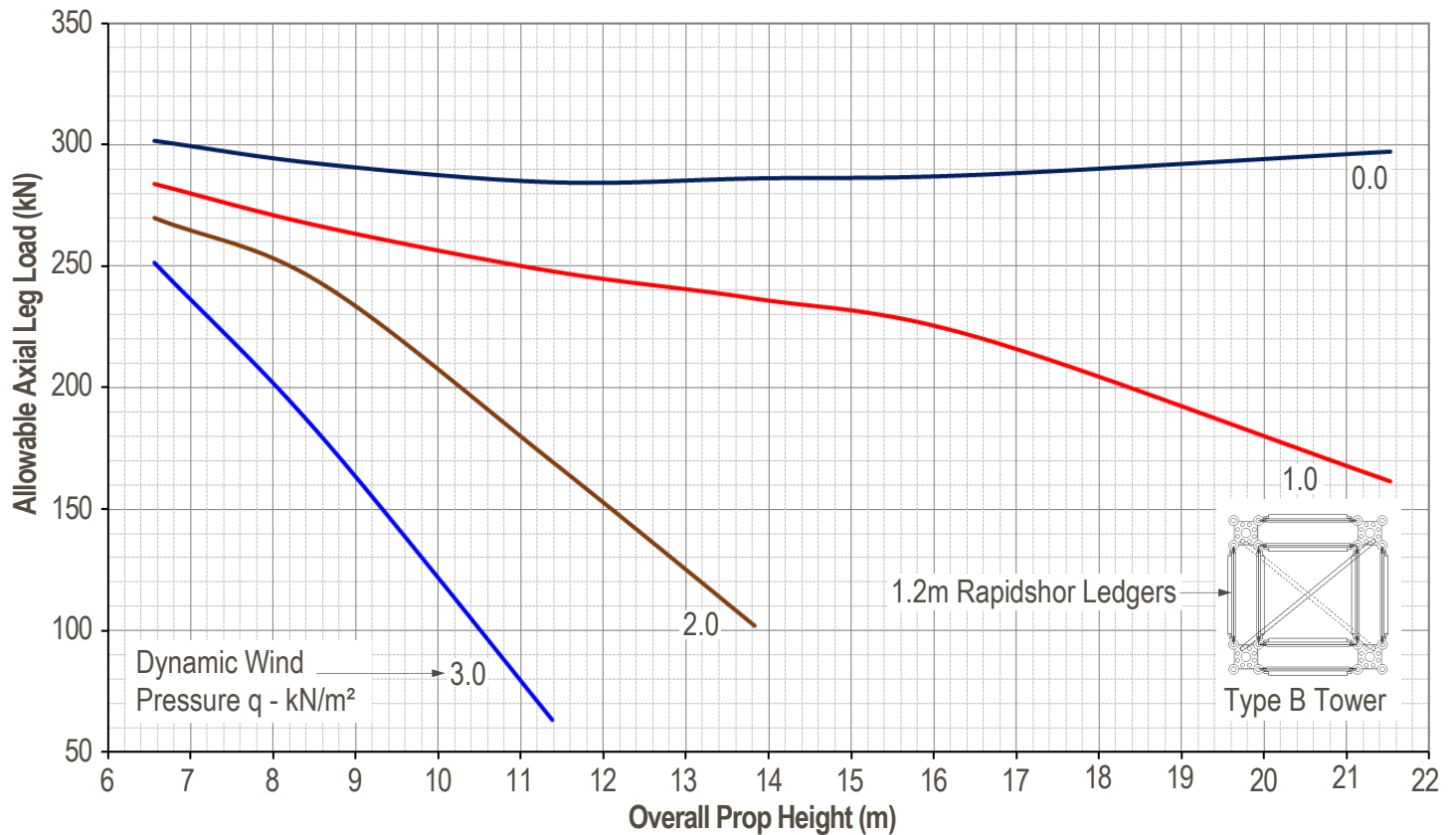
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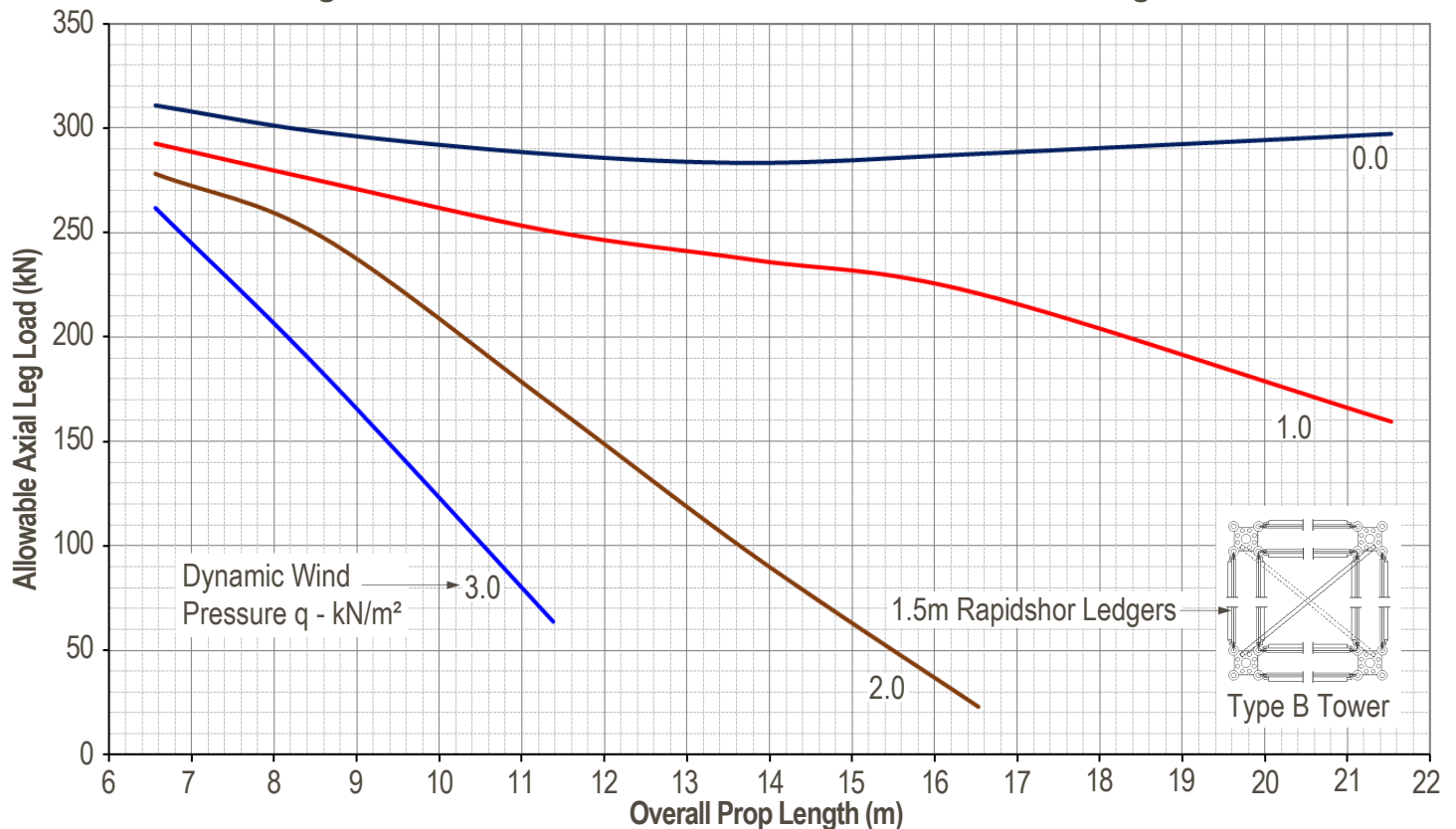
Allowable Working Load of Vertical Tetrashor Tower with 1200mm Ledgers

Graph T/1



Allowable Working Load of Vertical Tetrashor Tower with 1500mm Ledgers

Graph T/2



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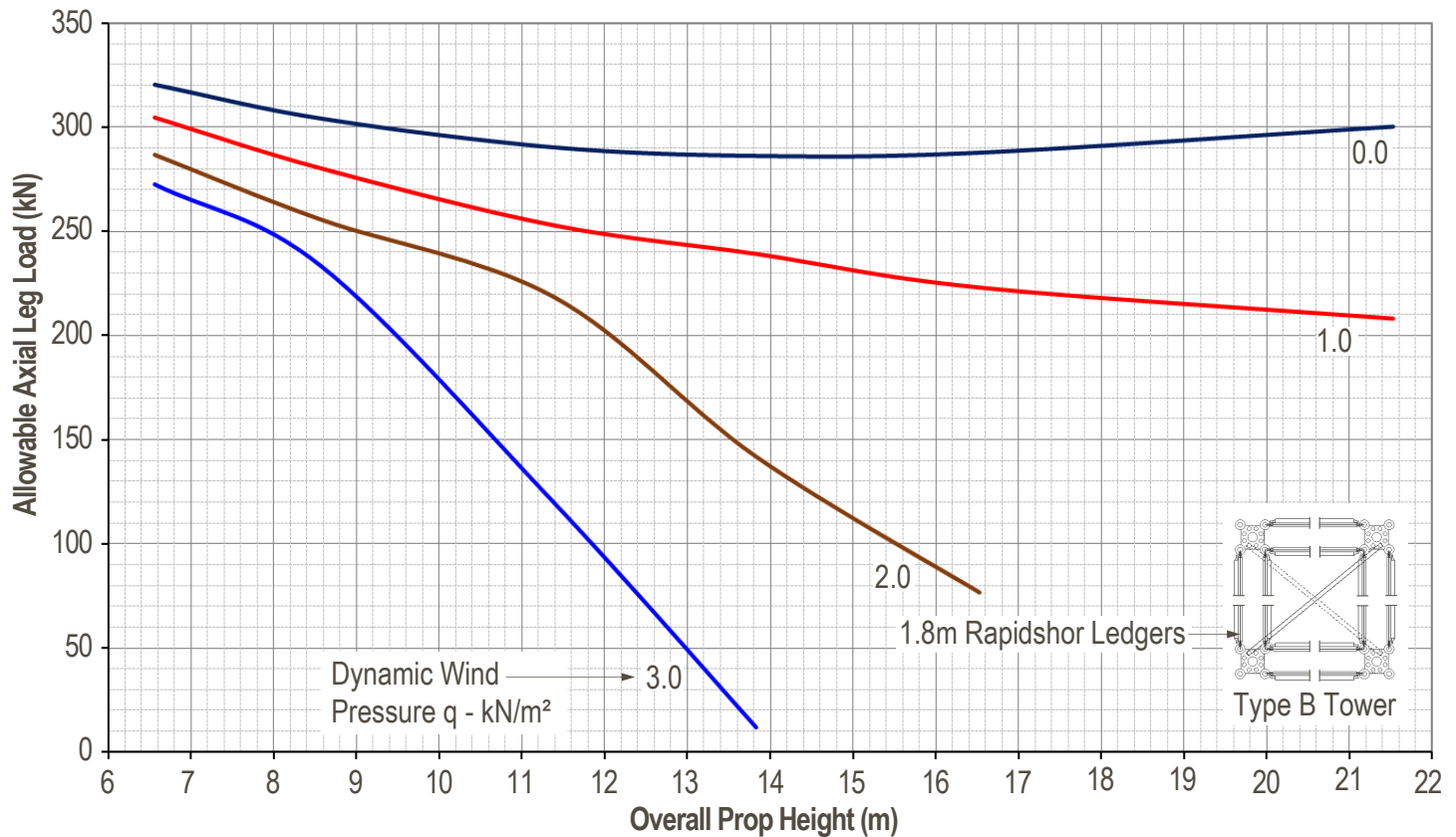
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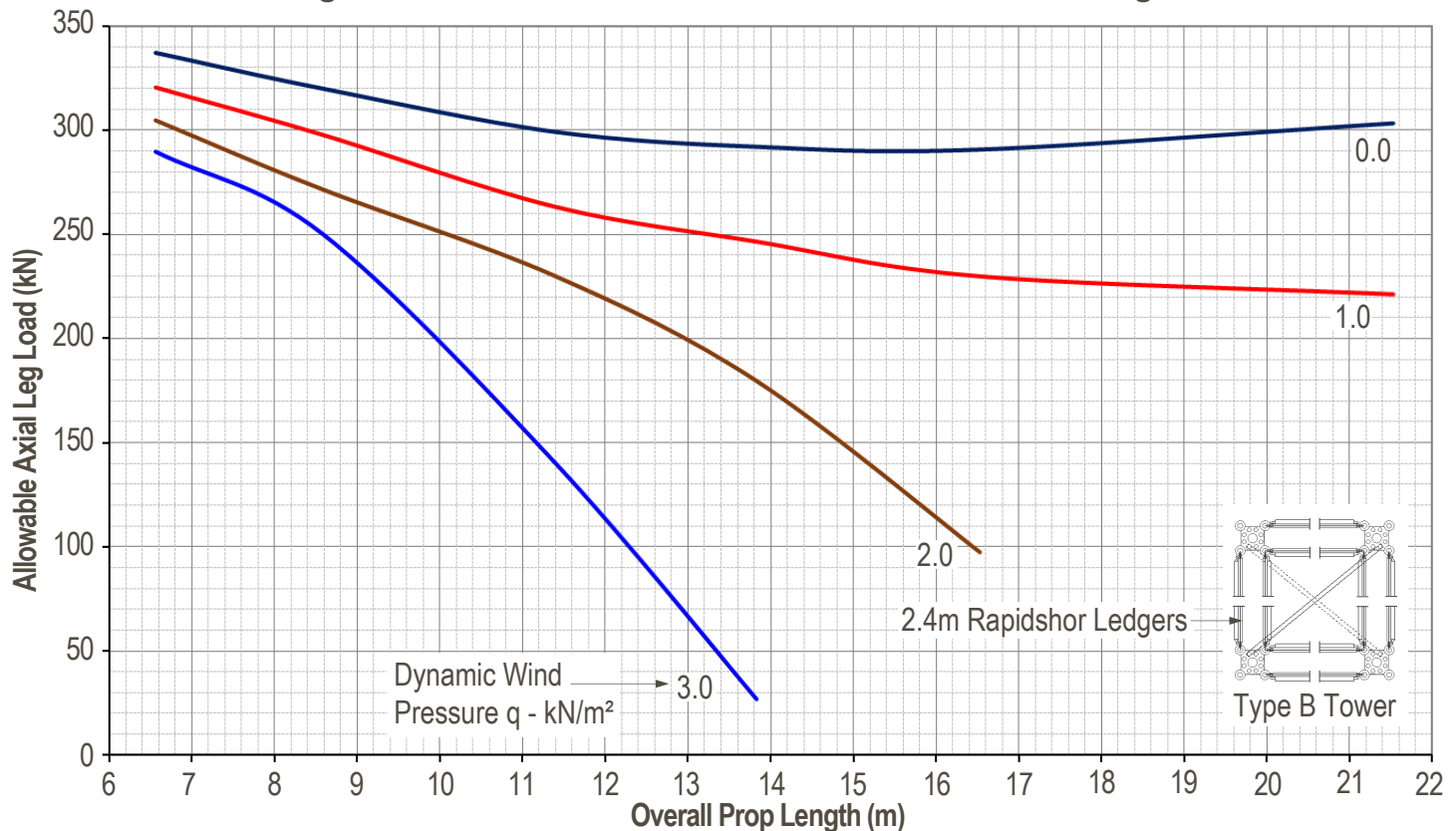
Allowable Working Load of Vertical Tetrashor Tower with 1800mm Ledgers

Graph T/3



Allowable Working Load of Vertical Tetrashor Tower with 2400mm Ledgers

Graph T/4



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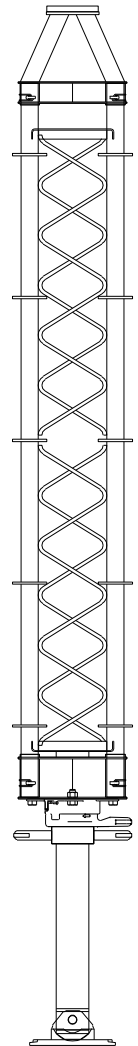
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Table T1 - Component makeup for a Type 1 Prop

	Prop Length (mm)		Leg 1000mm	Leg 1500mm	Leg 2000mm	Leg 2500mm	Joint Sleeve	Sleeve Clip	SafePin	Jack Assy	Jack Dome	Tilt Plate	30x180 Pin	Superslim R-Clip	Jack Adapter	Pyramid Head	Neoprene Bearing	Kwik- Strike	BNU20005 M20x40 Set Pin	BNU20001 M20 Hex Nut	BNU16001 M16x50 CSK	BNU16001 M16 Hex Nut	Weight (kg)
	min	max																					
1	1544	2139	1						8	1	1	1	1	1	1	1	1	1	4	4	4	4	125
2	2044	2639		1					8	1	1	1	1	1	1	1	1	1	4	4	4	4	138
3	2544	3139			1				8	1	1	1	1	1	1	1	1	1	4	4	4	4	152
4	3044	3639				1			8	1	1	1	1	1	1	1	1	1	4	4	4	4	165
5	3544	4139		2			4		8	1	1	1	1	1	1	1	1	1	4	4	4	4	188
6	4044	4639		1	1		4		8	1	1	1	1	1	1	1	1	1	4	4	4	4	202
7	4544	5139			2		4		8	1	1	1	1	1	1	1	1	1	4	4	4	4	216
8	5044	5639			1	1	4		8	1	1	1	1	1	1	1	1	1	4	4	4	4	230
9	5544	6139				2	4		8	1	1	1	1	1	1	1	1	1	4	4	4	4	244
10	6044	6639		1	2		8		16	1	1	1	1	1	1	1	1	1	4	4	4	4	267
11	6544	7139			3		8		16	1	1	1	1	1	1	1	1	1	4	4	4	4	280
12	7044	7639			2	1	8		16	1	1	1	1	1	1	1	1	1	4	4	4	4	294
13	7544	8139			1	2	8		16	1	1	1	1	1	1	1	1	1	4	4	4	4	308
14	8044	8639				3	8		16	1	1	1	1	1	1	1	1	1	4	4	4	4	322
15	8544	9139			4		12		24	1	1	1	1	1	1	1	1	1	4	4	4	4	345
16	9044	9639			3	1	12		24	1	1	1	1	1	1	1	1	1	4	4	4	4	359
17	9544	10139			2	2	12		24	1	1	1	1	1	1	1	1	1	4	4	4	4	372
18	10044	10639			1	3	12		24	1	1	1	1	1	1	1	1	1	4	4	4	4	386
19	10544	11139				4	12		24	1	1	1	1	1	1	1	1	1	4	4	4	4	400
20	11044	11639			4	1	16		32	1	1	1	1	1	1	1	1	1	4	4	4	4	423
21	11544	12139			3	2	16		32	1	1	1	1	1	1	1	1	1	4	4	4	4	437
22	12044	12639			2	3	16		32	1	1	1	1	1	1	1	1	1	4	4	4	4	451
23	12544	13139			1	4	16		32	1	1	1	1	1	1	1	1	1	4	4	4	4	465
24	13044	13639				5	16		32	1	1	1	1	1	1	1	1	1	4	4	4	4	478
25	13544	14139			4	2	20		40	1	1	1	1	1	1	1	1	1	4	4	4	4	501
26	14044	14639			3	3	20		40	1	1	1	1	1	1	1	1	1	4	4	4	4	515
27	14544	15139			2	4	20		40	1	1	1	1	1	1	1	1	1	4	4	4	4	529
28	15044	15639			1	5	20		40	1	1	1	1	1	1	1	1	1	4	4	4	4	543
29	15544	16139				6	20		40	1	1	1	1	1	1	1	1	1	4	4	4	4	557
30	16044	16639			4	3	24		48	1	1	1	1	1	1	1	1	1	4	4	4	4	580
31	16544	17139			3	4	24		48	1	1	1	1	1	1	1	1	1	4	4	4	4	593



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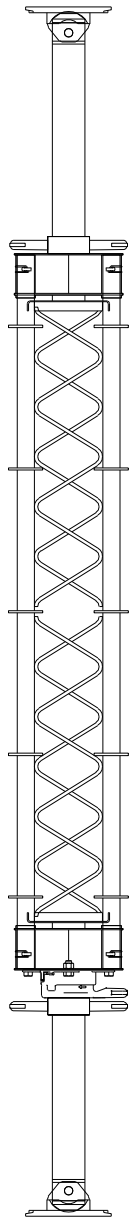


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Table T2 - Component makeup for a Type 2 Prop

Prop Length (mm)	min	max	TEX01500	TEX02000	TEX02500	RSX 0005	RSX10009	RSX10024	TEX10020	TEX10040	TEX10060	TEX10050	SSU10011	TEX10010	TEX10070	BNU20005	BNU20001	Weight (kg)
			Leg 1500mm	Leg 2000mm	Leg 2500mm	Joint Sleeve	Sleeve Clip	Safepin	Jack Assy	Jack Dome	Tilt Plate	30x180 Pin	Superslim R-Clip	Jack Adapter	KwikStrike	M20x40 Set Pin	M20 Hex Nut	
1	2110*	3238	1					8	2	2	2	2	2	2	1	4	4	181
2	2468	3738		1				8	2	2	2	2	2	2	1	4	4	195
3	2968	4238			1			8	2	2	2	2	2	2	1	4	4	209
4	3468	4738	2			4	8	8	2	2	2	2	2	2	1	4	4	232
5	3968	5238	1	1		4	8	8	2	2	2	2	2	2	1	4	4	246
6	4468	5738		2		4	8	8	2	2	2	2	2	2	1	4	4	260
7	4968	6238		1	1	4	8	8	2	2	2	2	2	2	1	4	4	273
8	5468	6738		2		4	8	8	2	2	2	2	2	2	1	4	4	287
9	5968	7238	1	2		8	16	8	2	2	2	2	2	2	1	4	4	310
10	6468	7738		3		8	16	8	2	2	2	2	2	2	1	4	4	324
11	6968	8238		2	1	8	16	8	2	2	2	2	2	2	1	4	4	338
12	7468	8738		1	2	8	16	8	2	2	2	2	2	2	1	4	4	352
13	7968	9238			3	8	16	8	2	2	2	2	2	2	1	4	4	365
14	8468	9738		4		12	24	8	2	2	2	2	2	2	1	4	4	388
15	8968	10238		3	1	12	24	8	2	2	2	2	2	2	1	4	4	402
16	9468	10738		2	2	12	24	8	2	2	2	2	2	2	1	4	4	416
17	9968	11238		1	3	12	24	8	2	2	2	2	2	2	1	4	4	430
18	10468	11738			4	12	24	8	2	2	2	2	2	2	1	4	4	444
19	10968	12238		4	1	16	32	8	2	2	2	2	2	2	1	4	4	467
20	11468	12738		3	2	16	32	8	2	2	2	2	2	2	1	4	4	480
21	11968	13238		2	3	16	32	8	2	2	2	2	2	2	1	4	4	494
22	12468	13738		1	4	16	32	8	2	2	2	2	2	2	1	4	4	508
23	12968	14238			5	16	32	8	2	2	2	2	2	2	1	4	4	522
24	13468	14738		4	2	20	40	8	2	2	2	2	2	2	1	4	4	545
25	13968	15238		3	3	20	40	8	2	2	2	2	2	2	1	4	4	559
26	14468	15738		2	4	20	40	8	2	2	2	2	2	2	1	4	4	573
27	14968	16238		1	5	20	40	8	2	2	2	2	2	2	1	4	4	586
28	15468	16738			6	20	40	8	2	2	2	2	2	2	1	4	4	600
29	15968	17238		4	3	24	48	8	2	2	2	2	2	2	1	4	4	623
30	16468	17738		3	4	24	48	8	2	2	2	2	2	2	1	4	4	637

* Minimum propping height limited by clashing jacks



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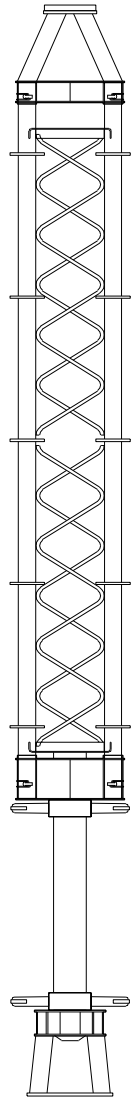
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Table T3 - Component makeup for a Type 3 Prop

Prop Length (mm)	min	max	TEX01000	TEX01500	TEX02000	TEX02500	RSX10005	RSX10009	RSX10024	TEX10020	TEX10030	TEX10040	TEX10010	TEX30010	TEX30030	TEX20010	BNJ16001	BNJ16001	Weight (kg)
			Leg 1000mm	Leg 1500mm	Leg 2000mm	Leg 2500mm	Joint Sleeve	Sleeve Clip	Safepin	Jack Assy	Jack Collar	Jack Dome	Jack Adapter	Pyramid Head	Neoprene Bearing	Jacking Stool	M16x50 CSK	M16 Hex Nut	
1	1524	2310	1						8	1	1	1	1	1	1	1	4	4	121
2	2024	2810		1					8	1	1	1	1	1	1	1	4	4	131
3	2524	3310			1				8	1	1	1	1	1	1	1	4	4	144
4	3024	3810				1			8	1	1	1	1	1	1	1	4	4	158
5	3524	4310		2			4	8	8	1	1	1	1	1	1	1	4	4	181
6	4024	4810		1	1		4	8	8	1	1	1	1	1	1	1	4	4	195
7	4524	5310			2		4	8	8	1	1	1	1	1	1	1	4	4	209
8	5024	5810			1	1	4	8	8	1	1	1	1	1	1	1	4	4	223
9	5524	6310				2	4	8	8	1	1	1	1	1	1	1	4	4	237
10	6024	6810		1	2		8	16	8	1	1	1	1	1	1	1	4	4	259
11	6524	7310			3		8	16	8	1	1	1	1	1	1	1	4	4	273
12	7024	7810			2	1	8	16	8	1	1	1	1	1	1	1	4	4	287
13	7524	8310			1	2	8	16	8	1	1	1	1	1	1	1	4	4	301
14	8024	8810				3	8	16	8	1	1	1	1	1	1	1	4	4	315
15	8524	9310			4		12	24	8	1	1	1	1	1	1	1	4	4	338
16	9024	9810			3	1	12	24	8	1	1	1	1	1	1	1	4	4	352
17	9524	10310			2	2	12	24	8	1	1	1	1	1	1	1	4	4	365
18	10024	10810			1	3	12	24	8	1	1	1	1	1	1	1	4	4	379
19	10524	11310				4	12	24	8	1	1	1	1	1	1	1	4	4	393
20	11024	11810				4	1	32	8	1	1	1	1	1	1	1	4	4	416
21	11524	12310			3	2	16	32	8	1	1	1	1	1	1	1	4	4	430
22	12024	12810			2	3	16	32	8	1	1	1	1	1	1	1	4	4	444
23	12524	13310			1	4	16	32	8	1	1	1	1	1	1	1	4	4	457
24	13024	13810				5	16	32	8	1	1	1	1	1	1	1	4	4	471
25	13524	14310			4	2	20	40	8	1	1	1	1	1	1	1	4	4	494
26	14024	14810			3	3	20	40	8	1	1	1	1	1	1	1	4	4	508
27	14524	15310			2	4	20	40	8	1	1	1	1	1	1	1	4	4	522
28	15024	15810			1	5	20	40	8	1	1	1	1	1	1	1	4	4	536
29	15524	16310				6	20	40	8	1	1	1	1	1	1	1	4	4	549
30	16024	16810			4	3	24	48	8	1	1	1	1	1	1	1	4	4	572
31	16524	17310			3	4	24	48	8	1	1	1	1	1	1	1	4	4	586



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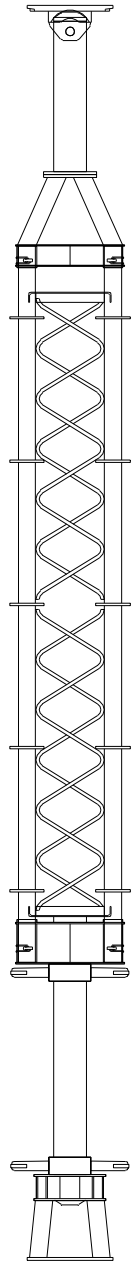
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Table T4 - Component makeup for a Type 4 Prop

Prop Length (mm)	min	max	TEX01000	TEX01500	TEX02000	TEX02500	RSX10005	RSX10009	RSX10024	TEX10020	TEX10030	TEX10040	TEX10060	TEX10060	30x180 Pin	Superslim R-Clip	TEX10010	Pyramid Head	Jacking Stool	TEX30500	BNU16007	BNU16001	Weight (kg)
			Leg 1000mm	Leg 1500mm	Leg 2000mm	Leg 2500mm	Joint Sleeve	Sleeve Clip	Safepin	Jack Assy	Jack Collar	Jack Dome	Tilt Plate	Tilt Plate	30x180 Pin	Superslim R-Clip	Jack Adapter	Pyramid Head	Jacking Stool	TEX30500	BNU16007	BNU16001	Weight (kg)
1	2094	2880	1						8	1	1	2	1	1	1	1	1	1	1	1	4	4	149
2	2594	3380		1					8	1	1	2	1	1	1	1	1	1	1	1	4	4	162
3	3094	3880			1				8	1	1	2	1	1	1	1	1	1	1	1	4	4	176
4	3594	4380				1			8	1	1	2	1	1	1	1	1	1	1	1	4	4	190
5	4094	4880		2			4	8	8	1	1	2	1	1	1	1	1	1	1	1	4	4	213
6	4594	5380		1	1		4	8	8	1	1	2	1	1	1	1	1	1	1	1	4	4	227
7	5094	5880			2		4	8	8	1	1	2	1	1	1	1	1	1	1	1	4	4	241
8	5594	6380			1	1	4	8	8	1	1	2	1	1	1	1	1	1	1	1	4	4	254
9	6094	6880				2	4	8	8	1	1	2	1	1	1	1	1	1	1	1	4	4	268
10	6594	7380		1	2		8	16	8	1	1	2	1	1	1	1	1	1	1	1	4	4	291
11	7094	7880			3		8	16	8	1	1	2	1	1	1	1	1	1	1	1	4	4	305
12	7594	8380			2	1	8	16	8	1	1	2	1	1	1	1	1	1	1	1	4	4	319
13	8094	8880			1	2	8	16	8	1	1	2	1	1	1	1	1	1	1	1	4	4	333
14	8594	9380				3	8	16	8	1	1	2	1	1	1	1	1	1	1	1	4	4	347
15	9094	9880			4		12	24	8	1	1	2	1	1	1	1	1	1	1	1	4	4	370
16	9594	10380			3	1	12	24	8	1	1	2	1	1	1	1	1	1	1	1	4	4	383
17	10094	10880			2	2	12	24	8	1	1	2	1	1	1	1	1	1	1	1	4	4	397
18	10594	11380			1	3	12	24	8	1	1	2	1	1	1	1	1	1	1	1	4	4	411
19	11094	11880				4	12	24	8	1	1	2	1	1	1	1	1	1	1	1	4	4	425
20	11594	12380			4	1	16	32	8	1	1	2	1	1	1	1	1	1	1	1	4	4	448
21	12094	12880			3	2	16	32	8	1	1	2	1	1	1	1	1	1	1	1	4	4	462
22	12594	13380			2	3	16	32	8	1	1	2	1	1	1	1	1	1	1	1	4	4	475
23	13094	13880			1	4	16	32	8	1	1	2	1	1	1	1	1	1	1	1	4	4	489
24	13594	14380				5	16	32	8	1	1	2	1	1	1	1	1	1	1	1	4	4	503
25	14094	14880			4	2	20	40	8	1	1	2	1	1	1	1	1	1	1	1	4	4	526
26	14594	15380			3	3	20	40	8	1	1	2	1	1	1	1	1	1	1	1	4	4	540
27	15094	15880			2	4	20	40	8	1	1	2	1	1	1	1	1	1	1	1	4	4	554
28	15594	16380			1	5	20	40	8	1	1	2	1	1	1	1	1	1	1	1	4	4	567
29	16094	16880				6	20	40	8	1	1	2	1	1	1	1	1	1	1	1	4	4	581
30	16594	17380			4	3	24	48	8	1	1	2	1	1	1	1	1	1	1	1	4	4	604
31	17094	17880			3	4	24	48	8	1	1	2	1	1	1	1	1	1	1	1	4	4	618



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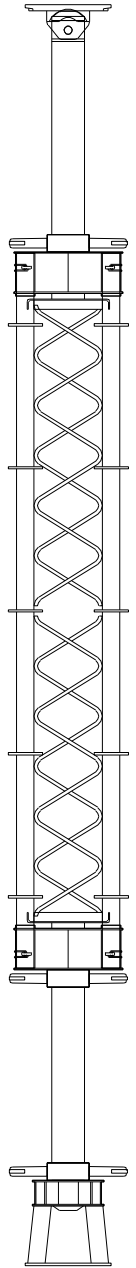


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Table T5 - Component makeup for a Type 5 Prop

	Prop Length (mm)		Leg 1500mm	Leg 2000mm	Leg 2500mm	RSX10005	RSX10009	RSX10024	TEX10020	TEX10030	TEX10040	TEX10060	TEX10060	SSU10011	TEX10010	TEX20010	Weight (kg)
	min	max														Jacking Stool	
1	2094*	3309	1					8	2	1	2	1	1	1	2	1	174
2	2448	3809		1				8	2	1	2	1	1	1	2	1	188
3	2948	4309			1			8	2	1	2	1	1	1	2	1	202
4	3448	4809	2			4	8	8	2	1	2	1	1	1	2	1	225
5	3948	5309	1	1		4	8	8	2	1	2	1	1	1	2	1	239
6	4448	5809		2		4	8	8	2	1	2	1	1	1	2	1	252
7	4948	6309		1	1	4	8	8	2	1	2	1	1	1	2	1	266
8	5448	6809			2	4	8	8	2	1	2	1	1	1	2	1	280
9	5948	7309	1	2		8	16	8	2	1	2	1	1	1	2	1	303
10	6448	7809		3		8	16	8	2	1	2	1	1	1	2	1	317
11	6948	8309		2	1	8	16	8	2	1	2	1	1	1	2	1	331
12	7448	8809		1	2	8	16	8	2	1	2	1	1	1	2	1	344
13	7948	9309			3	8	16	8	2	1	2	1	1	1	2	1	358
14	8448	9809		4		12	24	8	2	1	2	1	1	1	2	1	381
15	8948	10309		3	1	12	24	8	2	1	2	1	1	1	2	1	395
16	9448	10809		2	2	12	24	8	2	1	2	1	1	1	2	1	409
17	9948	11309		1	3	12	24	8	2	1	2	1	1	1	2	1	423
18	10448	11809			4	12	24	8	2	1	2	1	1	1	2	1	437
19	10948	12309		4	1	16	32	8	2	1	2	1	1	1	2	1	460
20	11448	12809		3	2	16	32	8	2	1	2	1	1	1	2	1	473
21	11948	13309		2	3	16	32	8	2	1	2	1	1	1	2	1	487
22	12448	13809		1	4	16	32	8	2	1	2	1	1	1	2	1	501
23	12948	14309			5	16	32	8	2	1	2	1	1	1	2	1	515
24	13448	14809		4	2	20	40	8	2	1	2	1	1	1	2	1	538
25	13948	15309		3	3	20	40	8	2	1	2	1	1	1	2	1	552
26	14448	15809		2	4	20	40	8	2	1	2	1	1	1	2	1	565
27	14948	16309		1	5	20	40	8	2	1	2	1	1	1	2	1	579
28	15448	16809			6	20	40	8	2	1	2	1	1	1	2	1	593
29	15948	17309		4	3	24	48	8	2	1	2	1	1	1	2	1	616
30	16448	17809		3	4	24	48	8	2	1	2	1	1	1	2	1	630

* Minimum propping height limited by clashing jacks



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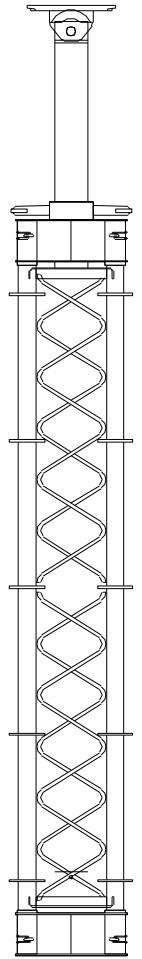
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Table T6 - Component makeup for a Type 6 Prop (Without Kwikstrike Load Release)

Prop Length (mm)		Leg 1000mm	Leg 1500mm	Leg 2000mm	Leg 2500mm	RSX10005	RSX10009	RSX10024	TEX10020	Jack Dome	Tilt Plate	30x180 Pin	Superslim R-Clip	Jack Adapter	Weight (kg)
min	max														
1	1199	1874	1					8	1	1	1	1	1	2	111
2	1699	2374		1				8	1	1	1	1	1	2	124
3	2199	2874			1			8	1	1	1	1	1	2	138
4	2699	3374				1		8	1	1	1	1	1	2	152
5	3199	3874		2			4	8	1	1	1	1	1	2	175
6	3699	4374		1	1		4	8	1	1	1	1	1	2	189
7	4199	4874			2		4	8	1	1	1	1	1	2	202
8	4699	5374			1	1	4	8	1	1	1	1	1	2	216
9	5199	5874				2	4	8	1	1	1	1	1	2	230
10	5699	6374		1	2		8	16	1	1	1	1	1	2	253
11	6199	6874			3		8	16	1	1	1	1	1	2	267
12	6699	7374			2	1	8	16	1	1	1	1	1	2	281
13	7199	7874			1	2	8	16	1	1	1	1	1	2	294
14	7699	8374				3	8	16	1	1	1	1	1	2	308
15	8199	8874			4		12	24	1	1	1	1	1	2	331
16	8699	9374			3	1	12	24	1	1	1	1	1	2	345
17	9199	9874			2	2	12	24	1	1	1	1	1	2	359
18	9699	10374			1	3	12	24	1	1	1	1	1	2	373
19	10199	10874				4	12	24	1	1	1	1	1	2	387
20	10699	11374			4	1	16	32	1	1	1	1	1	2	409
21	11199	11874			3	2	16	32	1	1	1	1	1	2	423
22	11699	12374			2	3	16	32	1	1	1	1	1	2	437
23	12199	12874			1	4	16	32	1	1	1	1	1	2	451
24	12699	13374				5	16	32	1	1	1	1	1	2	465
25	13199	13874			4	2	20	40	1	1	1	1	1	2	488
26	13699	14374			3	3	20	40	1	1	1	1	1	2	502
27	14199	14874			2	4	20	40	1	1	1	1	1	2	515
28	14699	15374			1	5	20	40	1	1	1	1	1	2	529
29	15199	15874				6	20	40	1	1	1	1	1	2	543
30	15699	16374			4	3	24	48	1	1	1	1	1	2	566
31	16199	16874			3	4	24	48	1	1	1	1	1	2	580
32	16699	17374			2	5	24	48	1	1	1	1	1	2	594



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Table T6 - Component makeup for a Type 6a Prop (Includes KwikStrike Load Release)

Prop Length (mm)		Leg 1000mm	Leg 1500mm	Leg 2000mm	Leg 2500mm	RSX10005 Joint Sleeve	RSX10009 Sleeve Clip	RSX10024 Safepin	TEX10020 Jack Assy	TEX10040 Jack Dome	TEX10060 Tilt Plate	TEX10050 30x180 Pin	SSU10011 Superslim R-Clip	TEX10010 Jack Adapter	TEX10070 KwikStrike	BNU20005 M20x40 Set Pin	BNU20001 M20 Hex Nut	Weight (kg)
min	max																	
1	1279	1874	1					8	1	1	1	1	1	2	1	4	4	124
2	1779	2374		1				8	1	1	1	1	1	2	1	4	4	137
3	2279	2874			1			8	1	1	1	1	1	2	1	4	4	151
4	2779	3374				1		8	1	1	1	1	1	2	1	4	4	165
5	3279	3874	2			4	8	8	1	1	1	1	1	2	1	4	4	188
6	3779	4374	1	1		4	8	8	1	1	1	1	1	2	1	4	4	202
7	4279	4874			2	4	8	8	1	1	1	1	1	2	1	4	4	215
8	4779	5374			1	4	8	8	1	1	1	1	1	2	1	4	4	229
9	5279	5874				4	8	8	1	1	1	1	1	2	1	4	4	243
10	5779	6374	1	2		8	16	8	1	1	1	1	1	2	1	4	4	266
11	6279	6874		3		8	16	8	1	1	1	1	1	2	1	4	4	280
12	6779	7374		2	1	8	16	8	1	1	1	1	1	2	1	4	4	294
13	7279	7874		1		8	16	8	1	1	1	1	1	2	1	4	4	307
14	7779	8374				8	16	8	1	1	1	1	1	2	1	4	4	321
15	8279	8874			4	12	24	8	1	1	1	1	1	2	1	4	4	344
16	8779	9374	3	1		12	24	8	1	1	1	1	1	2	1	4	4	358
17	9279	9874	2	2		12	24	8	1	1	1	1	1	2	1	4	4	372
18	9779	10374		1	3	12	24	8	1	1	1	1	1	2	1	4	4	386
19	10279	10874			4	12	24	8	1	1	1	1	1	2	1	4	4	400
20	10779	11374			4	16	32	8	1	1	1	1	1	2	1	4	4	423
21	11279	11874			3	16	32	8	1	1	1	1	1	2	1	4	4	436
22	11779	12374			2	16	32	8	1	1	1	1	1	2	1	4	4	450
23	12279	12874	1	4		16	32	8	1	1	1	1	1	2	1	4	4	464
24	12779	13374				16	32	8	1	1	1	1	1	2	1	4	4	478
25	13279	13874		4	2	20	40	8	1	1	1	1	1	2	1	4	4	501
26	13779	14374			3	20	40	8	1	1	1	1	1	2	1	4	4	515
27	14279	14874		2	4	20	40	8	1	1	1	1	1	2	1	4	4	528
28	14779	15374		1	5	20	40	8	1	1	1	1	1	2	1	4	4	542
29	15279	15874			6	20	40	8	1	1	1	1	1	2	1	4	4	556
30	15779	16374			4	24	48	8	1	1	1	1	1	2	1	4	4	579
31	16279	16874			3	24	48	8	1	1	1	1	1	2	1	4	4	593
32	16779	17374			2	24	48	8	1	1	1	1	1	2	1	4	4	607

