TER INDUSTRIES

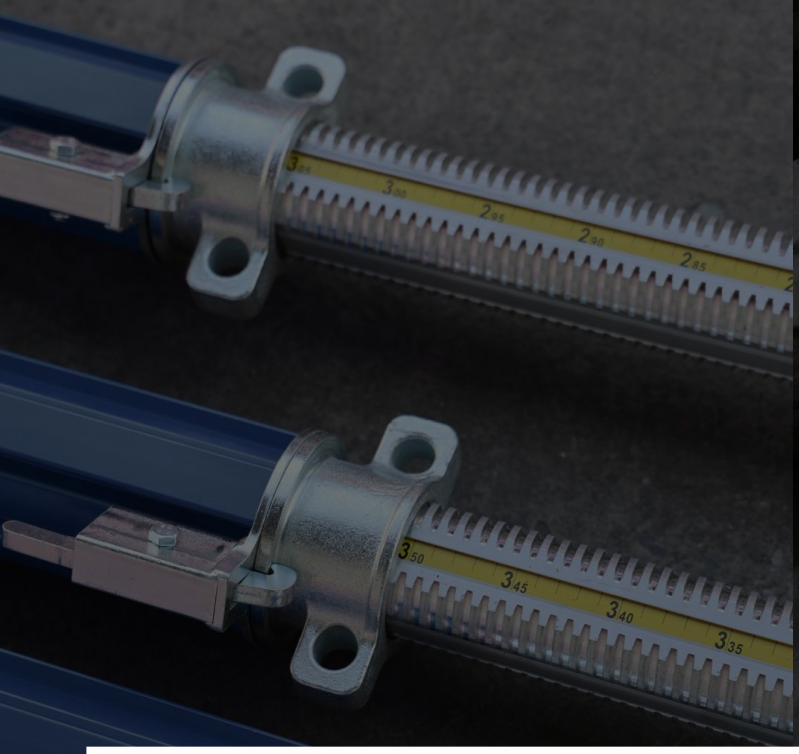


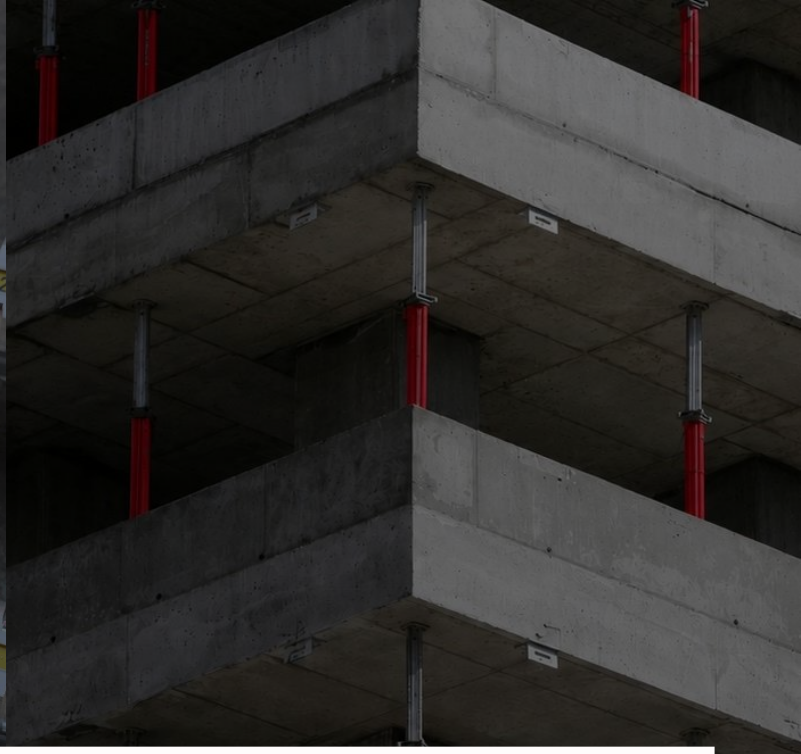
TER INDUSTRIES – PRODUCT SHEET : ALUMINIUM PROPS

Formwork & Engineering Solutions

Engineered to International Standards

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TER™ INDUSTRIES

Complete Aluminium Prop Range

Technical reference guide for EN 16031 aluminium props, extension systems, steel frames, load capacities, engineering dimensions, and packaging data

2 PRODUCT SERIES

TER-INDUSTRIES.COM/CATALOGUE





OVERVIEW

Summary

Complete technical overview of the TER aluminium prop range, including product specifications, working loads, extension systems, steel frames, packaging configurations, and engineering data

01	TER ALP 70 Overview - Working load – Working principle – Extension - Package	01
02	TER ALG 105 Overview - Working load – Working principle – Extension - Package	02
03	TER ALP 70 & TER ALG 105 steel frames Engineering data overview – Packages	02

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TER ALP 70

Overview

Aluminium props are compliant with the EN 16031 standard pertaining to adjustable telescopic aluminium props. The very high mechanical strength of the aluminium props allows a high loading capacity

PAINTED	ENGINEERING DATA
TER ALP 305	- Height closed: 1.75 m - Height open: 3.05 m - Weight: 12.30 kg
TER ALP 350	- Height closed: 2.10 m - Height open: 3.50 m - Weight: 13.60 kg
TER ALP 400	- Height closed: 2.70 m - Height open: 4.00 m - Weight: 15.30 kg
Colour on request	Packing 64 pcs



DETAIL OUTER TUBE

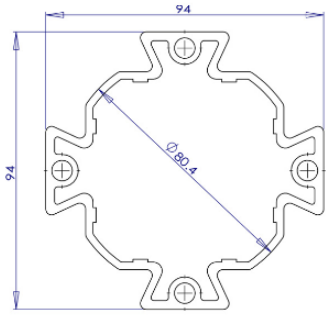
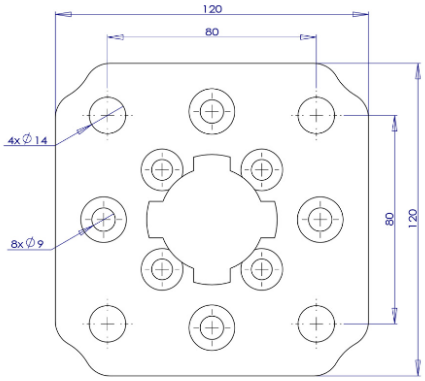
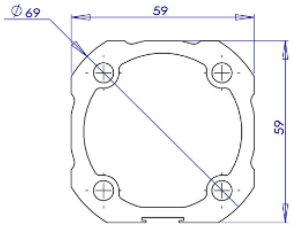




PLATE 10 MM



DETAIL INNER TUBE



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TER ALP 70

Working load

PAINTED	TER ALP – Aluminium prop EN 16031:2012		
Code	TER ALP 305 L = 3.05 - 1.75 m	TER ALP 350 L = 3.50 - 2.10 m	TER ALP 400 L = 4.00 – 2.70 m
Class	D	D	D
Weight	12.30 kg	13.60 kg	15.30 kg
Extended Length (m)			
1.80	60kN		
1.90	60kN		
2.00	60kN		
2.10	60kN	60kN	
2.20	60kN	60kN	
2.30	60kN	60kN	
2.40	55kN	60kN	
2.50	49kN	60kN	
2.60	45kN	50kN	
2.70	41kN	44kN	47kN
2.80	36kN	43kN	47kN
2.90	32kN	40kN	47kN
3.00	30kN	37kN	45kN
3.05	28kN	36kN	43kN
3.10		34kN	40kN
3.20		31kN	36kN
3.30		29kN	34kN
3.40		25kN	31kN
3.50		23kN	30kN
3.60			27kN
3.70			25kN
3.80			24kN
3.90			22kN
4.00			20.6kN

DESCRIPTION

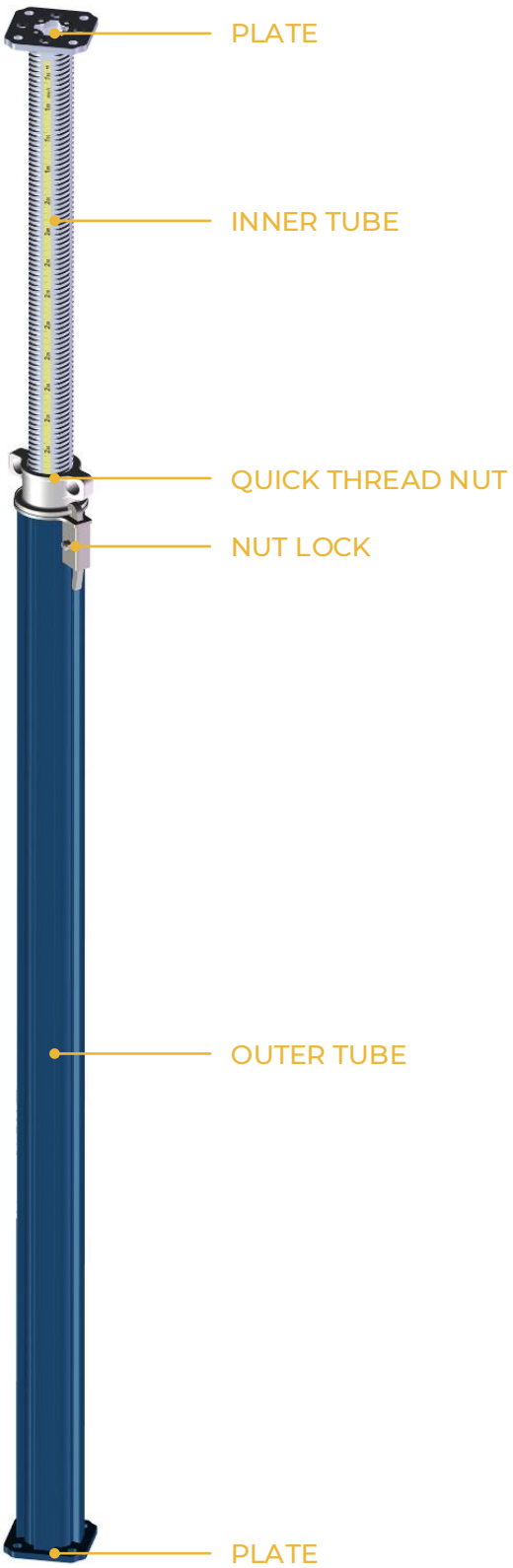
- Small-diameter prop very lightweight
- High loads
- Can be used for casting or drying
- Threading to any height self-cleaning
- Captive slide
- Customisable to suit client's colours
- Quality epoxy paint for easy maintenance
- Long working life
- Certification by an independent laboratory according to the EN 16031 standard - Classes D to U

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TER ALP 70

Working principle

Manufacturing Standards *EN 16031*



Handling guidelines

01

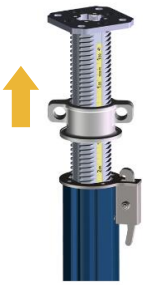
With one hand, press on the lock

With the other hand, pipe the nut to release it



02

Position the inner tube to its final adjustment



03

Unscrew the nut to bring it into contact with the outer Tube

Release the inner tube. The nut automatically locks on the outer tube



04

Make the final adjustment with the nut

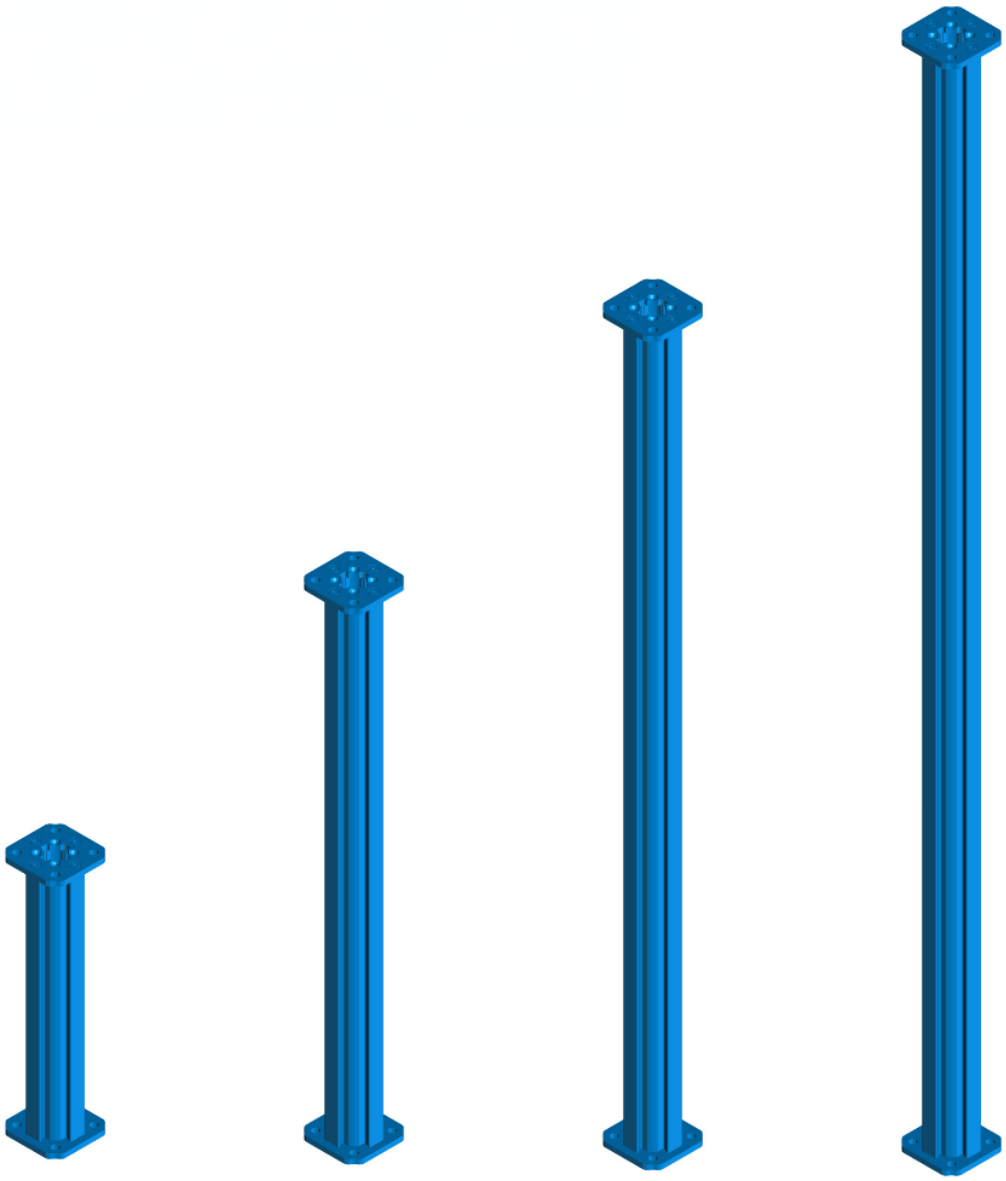


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TER ALP 70

Extension

PAINTED	ENGINEERING DATA
TER ALPR 500	- Height: 0.50 m - Weight: 2.30 kg
TER ALPR 1000	- Height: 1.00 m - Weight: 4.00 kg
TER ALPR 1500	- Height: 1.50 m - Weight: 5.60 kg
TER ALPR 2000	- Height: 2.00 m - Weight: 7.30 kg



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TER ALP 70

Package

TER ALP 305

- Basket packing
- Quantity : 64 pcs



TER ALP 350

- Basket packing
- Quantity : 64 pcs



TER ALP 400

- Basket packing
- Quantity : 64 pcs



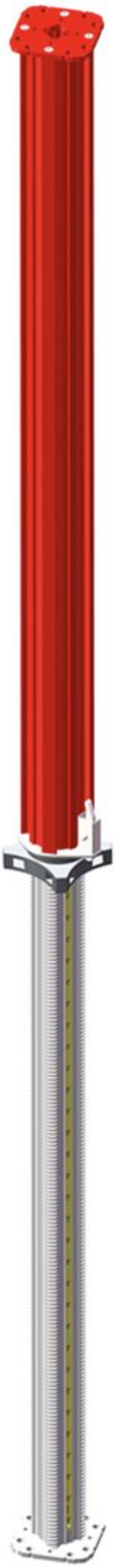
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TER ALG 105

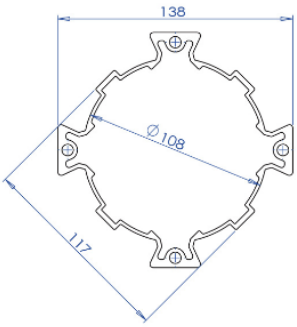
Overview

Aluminium props are compliant with the EN 16031 standard pertaining to adjustable telescopic aluminium props. The very high mechanical strength of the aluminium props allows a high loading capacity

PAINTED	ENGINEERING DATA
TER ALG 250	- Height closed: 1.45 m - Height open: 2.50 m - Weight: 17.50 kg
TER ALG 350	- Height closed: 1.95 m - Height open: 3.50 m - Weight: 22.00 kg
TER ALG 480	- Height closed: 3.30 m - Height open: 4.80 m - Weight: 27.60 kg
TER ALG 550	- Height closed: 3.50 m - Height open: 5.50 m - Weight: 32.00 kg
TER ALG 625	- Height closed: 4.80 m - Height open: 6.25 m - Weight: 34.80 kg
Colour on request	Packing 36 pcs



DETAIL OUTER TUBE



DETAIL INNER TUBE

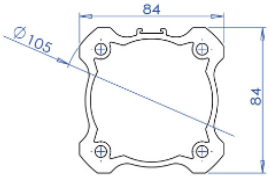
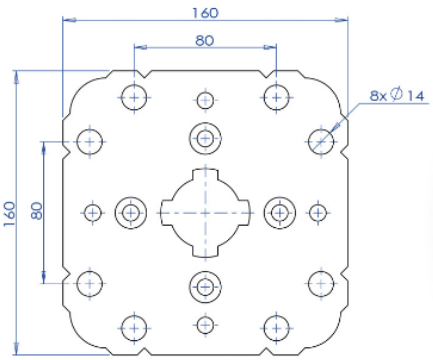
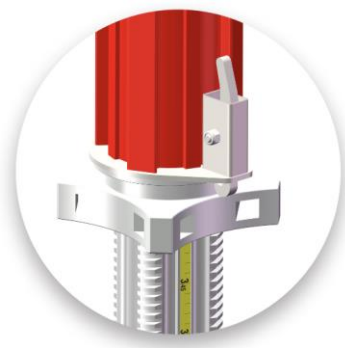


PLATE 10 MM

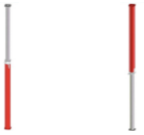
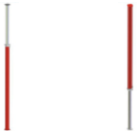




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TER ALG 105

Working load

PAINTED	TER ALP – Aluminium prop EN 16031:2012									
Code	TER ALG 250 L= 2.5 - 1.45 m		TER ALG 350 L = 3.5 - 1.95 m		TER ALG 480 L = 4.8 - 3.3 m		TER ALG 550 L = 5.5 - 3.5 m		TER ALG 625 L = 6.25 - 4.8 m	
Class	U		S		E		E		D	
Weight	17.50 kg		22.00 kg		27.60 kg		32.00 kg		34.80 kg	
Extended Length (m)										
1.50	78kN	100kN								
1.70	78kN	100kN								
1.90	78kN	97kN								
2.00	78kN	93kN	78kN	89kN						
2.10	78kN	90kN	78kN	88kN						
2.30	78kN	82kN	78kN	85kN						
2.50	78kN	74kN	78kN	81kN						
2.70			78kN	76kN						
2.90			78kN	72kN						
3.10			69kN	64kN						
3.30			60kN	57kN	78kN	79kN				
3.50			52kN	50kN	78kN	76kN	80kN	80kN		
3.70					78kN	69kN	80kN	80kN		
3.90					72kN	62kN	80kN	80kN		
4.10					60kN	56kN	80kN	80kN		
4.30					51kN	50kN	68kN	65kN		
4.50					44kN	44kN	65kN	65kN		
4.70					38kN	39kN	55kN	56kN		
4.80					36kN	36kN	48kN	49kN	49kN	45kN
5.00							44kN	45kN	48kN	43kN
5.20							37kN	38kN	44kN	40kN
5.40							33kN	33kN	40kN	37kN
5.50							31kN	31kN	38kN	36kN
5.60									36kN	34kN
5.80									32kN	31kN
6.00									29kN	28kN
6.25									25kN	24kN

DESCRIPTION

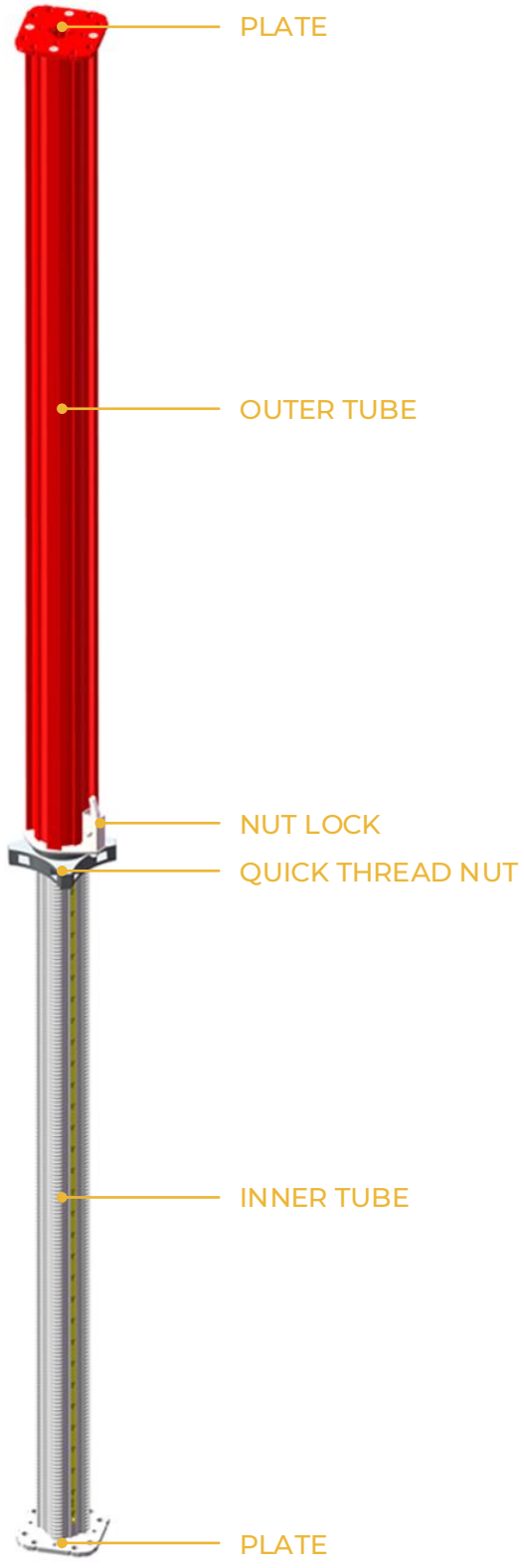
- High-load props
- Light weight
- Can be used for casting or drying
- Threading to any height self-cleaning
- Captive slide
- Customisable to suit client's colours
- Plate 160 × 160
- Possibility of extending the outer tube
- Customisable to suit client's colours
- Quality epoxy paint for easy maintenance
- Long working life
- Certification by an independent laboratoryaccording to the EN 16031 standard - Classes D to U

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TER ALG 105

Working principle

Manufacturing Standards *EN 16031*



Handling guidelines

01

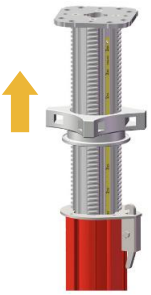
With one hand, press on the lock

With the other hand, pipe the nut to release it



02

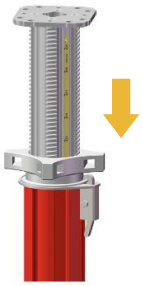
Position the inner tube to its final adjustment



03

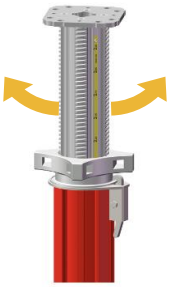
Unscrew the nut to bring it into contact with the outer tube

Release the inner tube. The nut automatically locks on the outer tube



04

Make the final adjustment with the nut

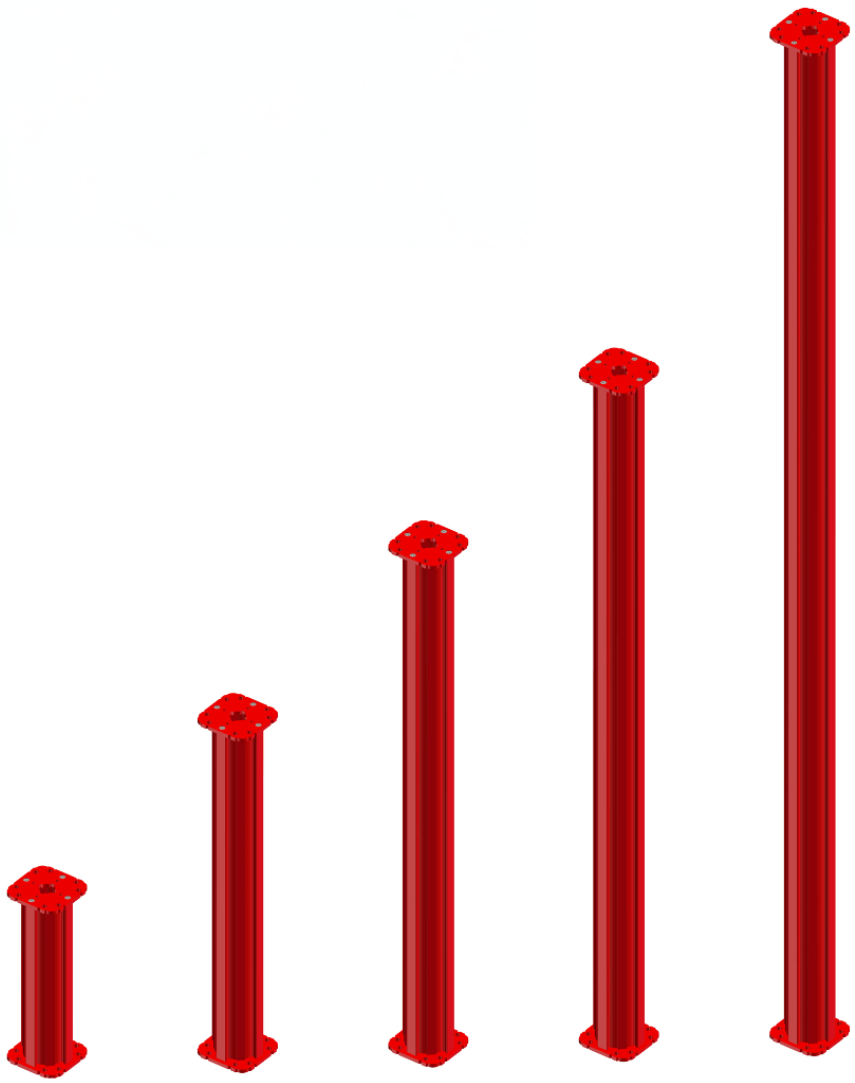


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TER ALG 105

Extension

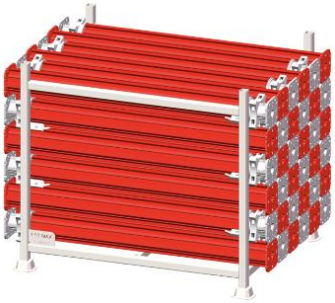
PAINTED	ENGINEERING DATA
TER ALGR 50	- Height: 0.50 m - Weight: 3.50 kg
TER ALGR 1000	- Height: 1.00 m - Weight: 5.80 kg
TER ALGR 1500	- Height: 1.50 m - Weight: 8.00 kg
TER ALGR 2000	- Height: 2.00 m - Weight: 10.35 kg
TER ALGR 3000	- Height: 3.00 m - Weight: 15.00 kg



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TER ALG 105

Package



TER ALG 250

- Basket packing
- Quantity : 36 pcs



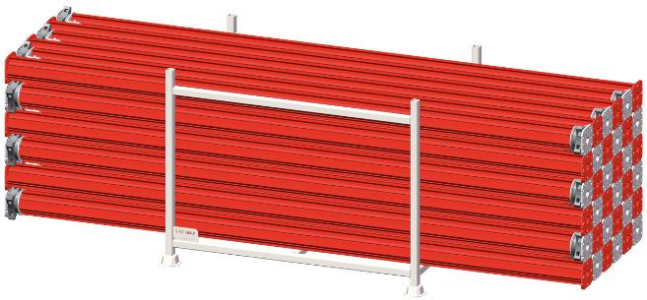
TER ALG 480

- Basket packing
- Quantity : 36 pcs



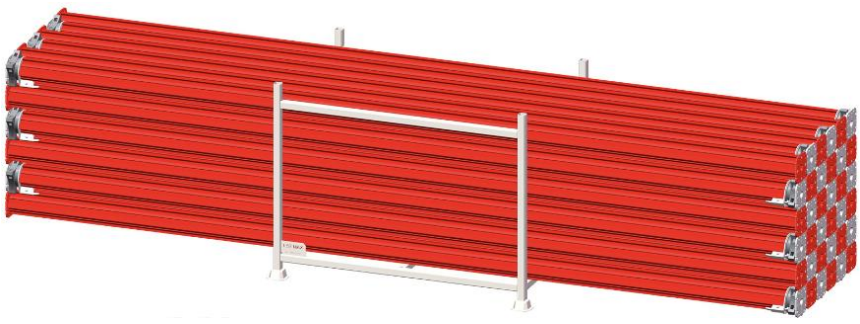
TER ALG 350

- Basket packing
- Quantity : 36 pcs



TER ALG 550

- Basket packing
- Quantity : 36 pcs



TER ALG 625

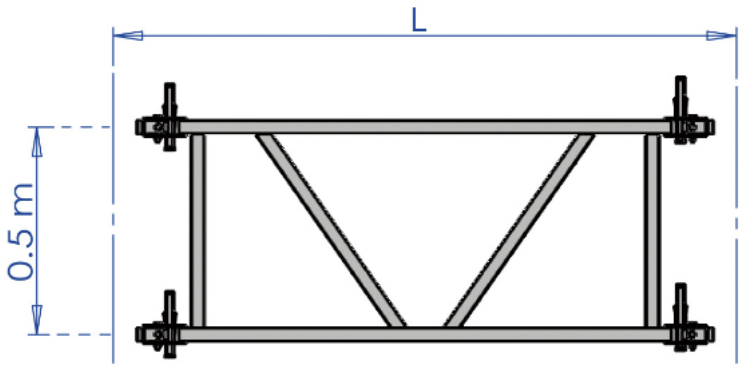
- Basket packing
- Quantity : 36 pcs

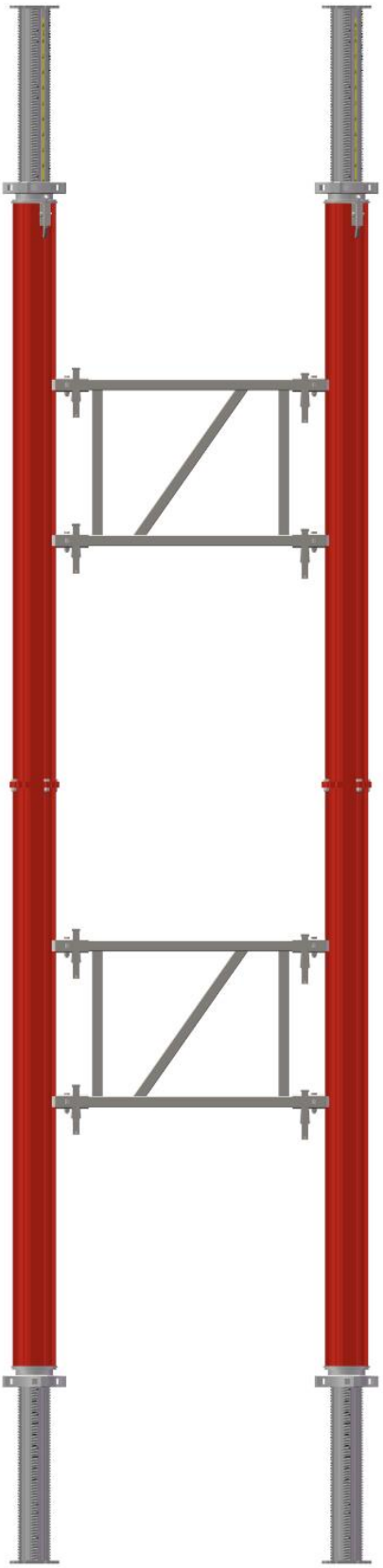
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TER ALP 70 & TER ALG 105 STEEL FRAMES

Engineering data overview

CODE	ENGINEERING DATA
TER SF 750	- Length: 0.75 m - Weight : 8.30 kg - Galvanized - Packing 40 pcs
TER SF 1000	- Length: 1.00 m - Weight : 10.40 kg - Galvanized - Packing 40 pcs
TER SF 1500	- Length: 1.50 m - Weight : 13.60 kg - Galvanized - Packing 20 pcs
TER SF 2000	- Length: 2.00 m - Weight : 16.70 kg - Galvanized - Packing 20 pcs
TER SF 2500	- Length: 2.50 m - Weight : 19.90 kg - Galvanized - Packing 20 pcs
TER SF 3000	- Length: 3.00 m - Weight : 23.00 kg - Galvanized - Packing 20 pcs





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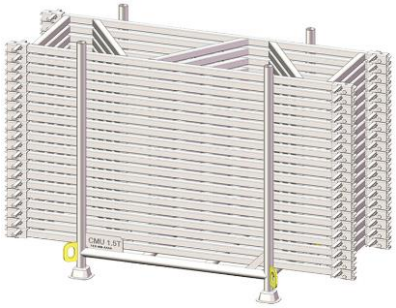
TER ALP 70 & TER ALG 105 STEEL FRAMES

Package



TER SF 750

- Basket packing
- Quantity : 40 pcs



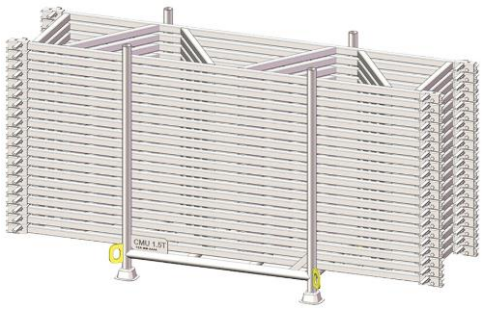
TER SF 2000

- Basket packing
- Quantity : 20 pcs



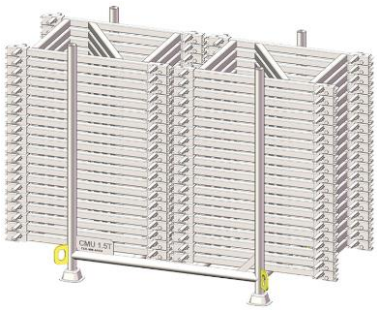
TER SF 1500

- Basket packing
- Quantity : 20 pcs



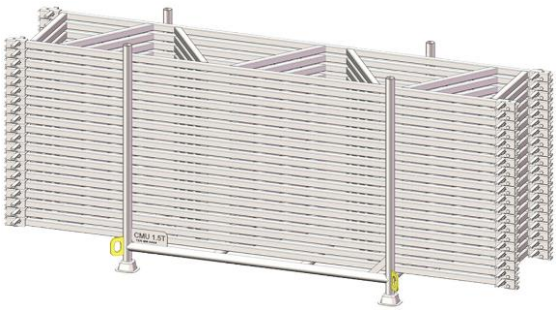
TER SF 2500

- Basket packing
- Quantity : 20 pcs



TER SF 1000

- Basket packing
- Quantity : 40 pcs



TER SF 3000

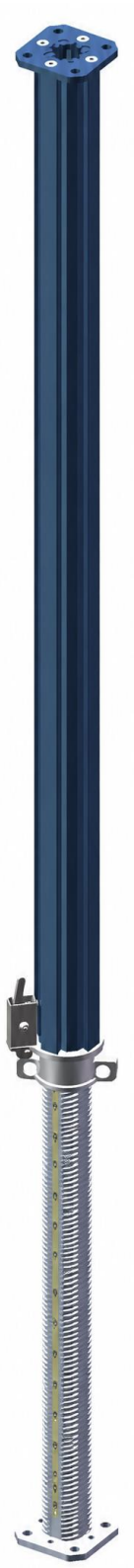
- Basket packing
- Quantity : 20 pcs

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ALUMINIUM PROPS EN 16031 – TER ALP 70 & TER ALG 105

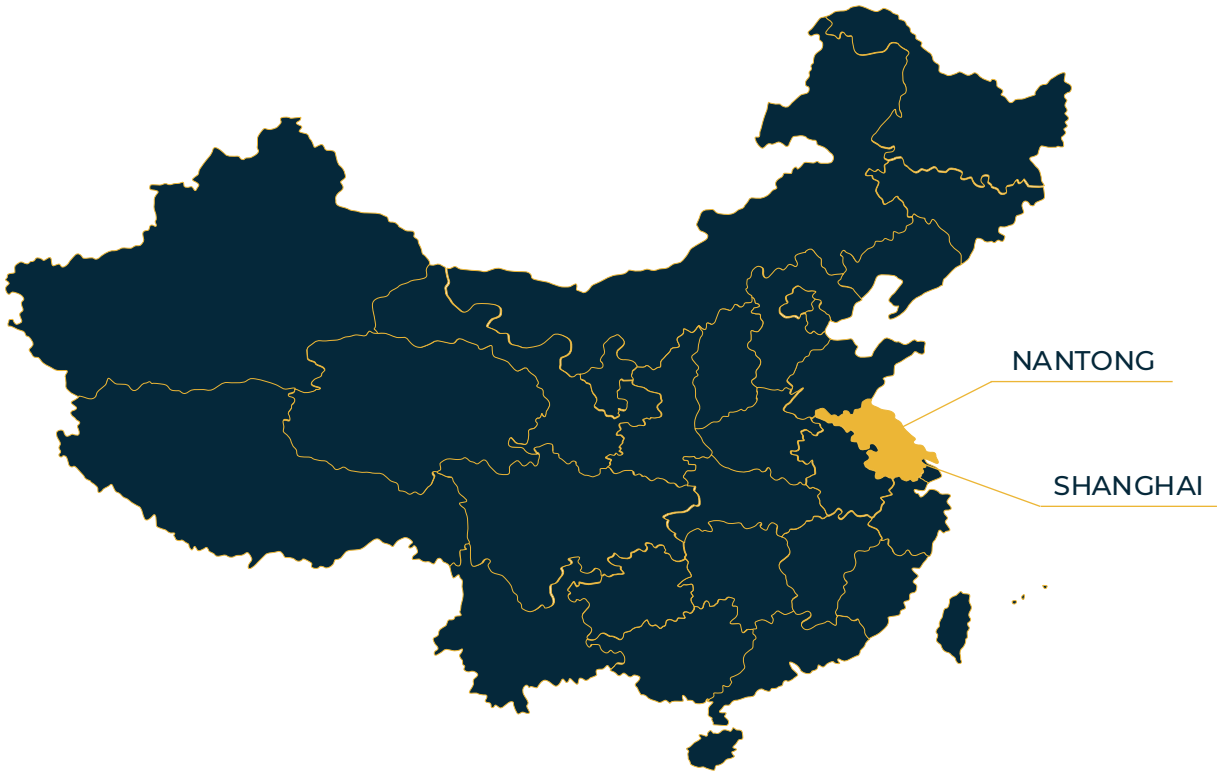
Strong load support





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TER INDUSTRIES
FORMWORK & ENGINEERING SOLUTIONS



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