

Props

PROPS



SAFETY

|

COMPLIANCE

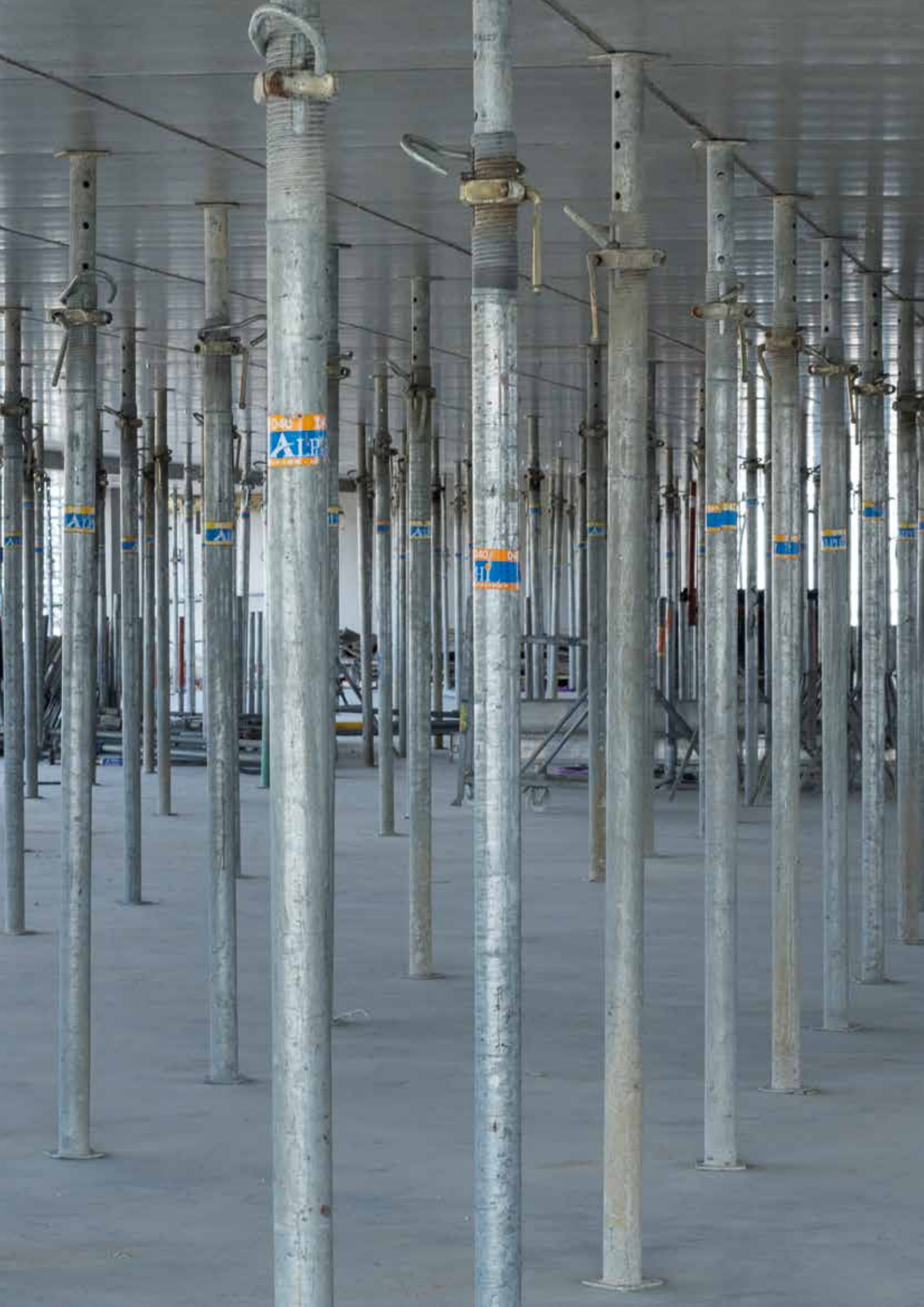
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STRENGTH

|

QUALITY

SECURE HOLD FOR
FORMWORK AND DRYING



Props ***European standard***

European standard props are compliant with the EN 1065 and NF P 93-221 standards. Available in 4 classes. they offer the best performances in terms of strength and quality.

European standard props | A range of standardised metal props



Props European standard

The **metal prop range** offered by Alphi is used on all construction sites. Available in four classes, props compliant with the **EN 1065 and NF P 93-221 standards** offer the best performance in terms of quality and strength.

NEW: Nevo props have numbering engraved on the slide to simplify adjustment of the prop to the correct height. By facilitating the work of operators in this way, it leads to a proven gain in productivity.

Drying props, shores and push-pull props round out the Alphi range.

For **long props**, Alphi has designed the TransÉtais trolley to facilitate the work of form fitters.

SAFETY

For added safety, the following options are available on props compliant with the NF P 93-221 standard:

- finger protection inside the sleeve prevents crushing.
- base web on the sleeve, giving greater distortion resistance at the bottom.

COMPLIANCE

- Compliant with the European standard EN 1065, including lower slide.
- Press test and certification by the independent laboratory Locie of University of Savoie Mont Blanc.
- Verification of ageing in rental housing stock.



**COMPLIANT
WITH EN 1065
AND NF P 93-221
STANDARDS**



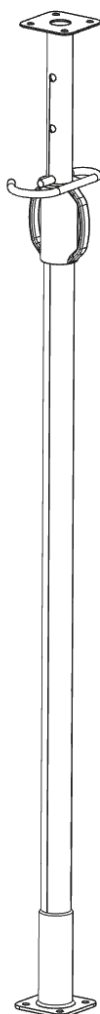
UNIVERSITÉ
SAVOIE
MONT BLANC

Site:
Arena performance
venue
Client: Bouygues
Bâtiment
Location: Floirac

European standard props

EQUIPMENT

Class B - Type T

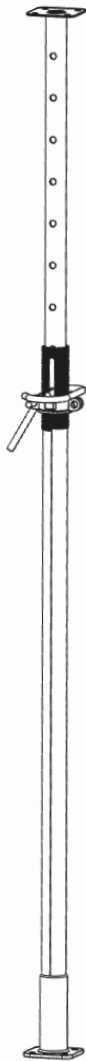


Formwork working load [daN], safety coefficient: 1.65 as per Eurocodes 0 and 3							
Extension (m)	Name						
	B25T	B30T	B35T	B40T	B45T*	B50T*	B55T*
	from 1.6 to 2.5	from 1.8 to 3.0	from 2.1 to 3.5	from 2.3 to 4.0	from 2.6 to 4.5	from 2.8 to 5.0	from 3.1 to 5.5
1.6 and 1.7	3.090						
1.8	3.090	3.090					
1.9	2.854	3.090					
2.0	2.576	3.090					
2.1	2.336	2.804	3.090				
2.2	2.129	2.554	2.980				
2.3	1.948	2.337	2.727	3.090			
2.4	1.789	2.146	2.504	2.862			
2.5	1.648	1.978	2.308	2.638			
2.6		1.829	2.134	2.439	2.743		
2.7		1.696	1.979	2.261	2.544		
2.8		1.577	1.840	2.103	2.365	2.628	
2.9		1.470	1.715	1.960	2.205	2.450	
3.0		1.374	1.603	1.832	2.061	2.290	
3.1			1.501	1.715	1.930	2.144	2.359
3.2			1.409	1.610	1.811	2.012	2.214
3.3			1.325	1.514	1.703	1.892	2.081
3.4			1.248	1.426	1.604	1.783	1.961
3.5			1.177	1.346	1.514	1.682	1.850
3.6				1.272	1.431	1.590	1.749
3.7				1.204	1.355	1.505	1.656
3.8				1.142	1.284	1.427	1.570
3.9				1.084	1.219	1.355	1.490
4.0				1.030	1.159	1.288	1.417
4.1					1.103	1.226	1.348
4.2					1.051	1.168	1.285
4.3					1.003	1.114	1.226
4.4					957	1.064	1.171
4.5					915	1.018	1.119
4.6						973	1.071
4.7						932	1.026
4.8						894	983
4.9						858	944
5.0						824	906
5.1							871
5.2							838
5.3							806
5.4							777
5.5							749

*For export only as per NF P 93-221 standard

Description	Components (mm)					
- Anti-dropout of inner and outer tube - Nut end-of-travel stop 100 mm hand guard - Protection by hot-dip galvanising - Optional finger protection - Tapered captive pin - Optional base web	Class	Weight (kg)	Ø Outer tube	Ø Inner tube	Ø Pin	Plate
	B25T	11.80	57	48	14	120 x 120 x 6
	B30T	13.40				
	B35T	15.00				
	B40T	19.00				
	B45T	20.30				
	B50T	22.00				
	B55T	23.60				

Class B - Type N



Formwork working load [daN], safety coefficient: 1.65 as per Eurocodes 0 and 3							
Extension (m)	Name						
	B25N	B30N	B35N	B40N	B45N*	B50N*	B55N*
from 1.6 to 2.5	from 1.6 to 2.5	from 1.8 to 3.0	from 2.1 to 3.5	from 2.3 to 4.0	from 2.6 to 4.5	from 2.8 to 5.0	from 3.1 to 5.5
1.6 and 1.7	3.090						
1.8	3.090	3.090					
1.9	2.854	3.090					
2.0	2.576	3.090					
2.1	2.336	2.804	3.090				
2.2	2.129	2.554	2.980				
2.3	1.948	2.337	2.727	3.090			
2.4	1.789	2.146	2.504	2.862			
2.5	1.648	1.978	2.308	2.638			
2.6		1.829	2.134	2.439	2.743		
2.7		1.696	1.979	2.261	2.544		
2.8		1.577	1.840	2.103	2.365	2.628	
2.9		1.470	1.715	1.960	2.205	2.450	
3.0		1.374	1.603	1.832	2.061	2.290	
3.1			1.501	1.715	1.930	2.144	2.359
3.2			1.409	1.610	1.811	2.012	2.214
3.3			1.325	1.514	1.703	1.892	2.081
3.4			1.248	1.426	1.604	1.783	1.961
3.5			1.177	1.346	1.514	1.682	1.850
3.6				1.272	1.431	1.590	1.749
3.7				1.204	1.355	1.505	1.656
3.8				1.142	1.284	1.427	1.570
3.9				1.084	1.219	1.355	1.490
4.0				1.030	1.159	1.288	1.417
4.1					1.103	1.226	1.348
4.2					1.051	1.168	1.285
4.3					1.003	1.114	1.226
4.4					957	1.064	1.171
4.5					915	1.018	1.119
4.6						973	1.071
4.7						932	1.026
4.8						894	983
4.9						858	944
5.0						824	906
5.1							871
5.2							838
5.3							806
5.4							777
5.5							749

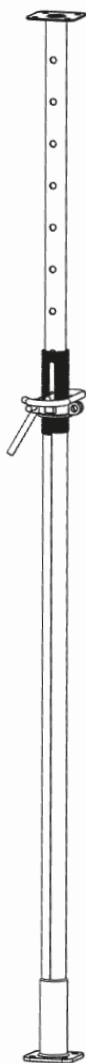
*For export only as per NF P 93-221 standard

Description	Components (mm)					
▪ Anti-dropout of inner and outer tube ▪ 100 mm hand guard ▪ Protection by hot-dip galvanising ▪ Optional finger protection ▪ Tapered captive pin ▪ Optional base web	Class	Weight (kg)	Ø Outer tube	Ø Inner tube	Ø Pin	Plate
	B25N	14.10	60	48	14	120 x 120 x 6
	B30N	15.80				
	B35N	17.40				
	B40N	19.10				
	B45N	20.70	70	60	15	
	B50N	22.40				
	B55N	24.00				

European standard props

EQUIPMENT

Class C - Type N

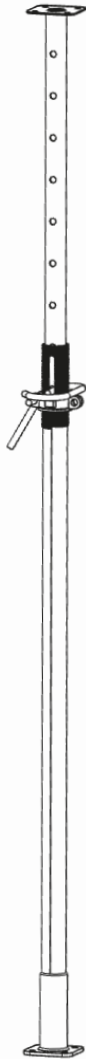


Working load [daN], safety coefficient: 1.65 as per Eurocodes 0 and 3							
	Name						
	C25N*	C30N*	C35N	C40N	C45N	C50N	C55N
Extension (m)	from 1.6 to 2.5	from 1.8 to 3.0	from 2.1 to 3.5	from 2.3 to 4.0	from 2.6 to 4.5	from 2.8 to 5.0	from 3.1 to 5.5
1.6 and 1.7	3.606						
1.8	3.606	3.606					
1.9	3.606	3.606					
2.0	3.606	3.606					
2.1	3.504	3.606	3.606				
2.2	3.193	3.606	3.606				
2.3	2.921	3.506	3.606	3.606			
2.4	2.683	3.220	3.606	3.606			
2.5	2.473	2.967	3.462	3.606			
2.6		2.743	3.201	3.606	3.606		
2.7		2.544	2.968	3.392	3.606		
2.8		2.365	2.760	3.154	3.548	3.606	
2.9		2.205	2.573	2.940	3.308	3.606	
3.0		2.061	2.404	2.747	3.091	3.434	
3.1			2.251	2.573	2.895	3.216	3.538
3.2			2.113	2.415	2.717	3.018	3.320
3.3			1.987	2.271	2.554	2.838	3.122
3.4			1.872	2.139	2.406	2.674	2.941
3.5			1.766	2.019	2.271	2.523	2.776
3.6				1.908	2.146	2.385	2.623
3.7				1.806	2.032	2.258	2.484
3.8				1.712	1.926	2.141	2.355
3.9				1.626	1.829	2.032	2.235
4.0				1.545	1.739	1.932	2.125
4.1					1.655	1.839	2.023
4.2					1.577	1.752	1.927
4.3					1.504	1.672	1.839
4.4					1.437	1.597	1.756
4.5					1.374	1.526	1.679
4.6						1.461	1.607
4.7						1.399	1.539
4.8						1.342	1.476
4.9						1.287	1.416
5.0						1.236	1.360
5.1							1.307
5.2							1.257
5.3							1.210
5.4							1.166
5.5							1.124

* Protected threading option (C25T - C30T)

Description	Components (mm)					
▪ Anti-dropout of inner and outer tube ▪ 100 mm hand guard ▪ Protection by hot-dip galvanising ▪ Optional finger protection ▪ Tapered captive pin ▪ Optional base web	Class	Weight (kg)	Ø Outer tube	Ø Inner tube	Ø Pin	Plate
	C25N	15.60	60	48	15	120 x 120 x 8
	C30N	17.50				
	C35N	19.40	70	60		
	C40N	21.20				
	C45N	23.10				
	C50N	25.00	76	63		
	C55N	26.90				

Class C + D - Type N



Formwork working load [daN], safety coefficient: 1.65 as per Eurocodes 0 and 3							
Extension (m)	Name						
	D25N*	C+D30N*	C+D35N	C+D40N	C+D45N	C+D50N	C+D55N
	from 1.6 to 2.5	from 1.8 to 3.0	from 2.1 to 3.5	from 2.3 to 4.0	from 2.6 to 4.5	from 2.8 to 5.0	from 3.1 to 5.5
1.6 and 1.7	2.060						
1.8		3.606					
1.9		3.606					
2.0		3.606					
2.1		3.606	3.606				
2.2		3.606	3.606				
2.3		3.506	3.606	3.606			
2.4		3.220	3.606	3.606			
2.5		2.967	3.462	3.606			
2.6		2.743	3.201	3.606	3.606		
2.7		2.544	2.968	3.392	3.606		
2.8		2.365	2.760	3.154	3.548	3.606	
2.9		2.205	2.573	2.940	3.308	3.606	
3.0		2.061	2.404	2.747	3.091	3.434	
3.1			2.251	2.573	2.895	3.216	3.538
3.2			2.113	2.415	2.717	3.018	3.320
3.3				2.271	2.554	2.838	3.122
3.4			2.060	2.139	2.406	2.674	2.941
3.5					2.271	2.523	2.776
3.6					2.146	2.385	2.623
3.7				2.060		2.258	2.484
3.8						2.141	2.355
3.9							2.235
4.0							2.125
4.1					2.060		
4.2							
4.3							
4.4							
4.5						2.060	
4.6							
4.7							
4.8							2.060
4.9							
5.0							
5.1							
5.2							
5.3							
5.4							
5.5							

* Protected threading option (C25T - C30T)

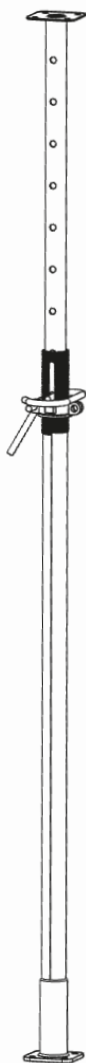
Description	Components (mm)					
▪ Anti-dropout of inner and outer tube ▪ 100 mm hand guard ▪ Protection by hot-dip galvanising ▪ Optional finger protection ▪ Tapered captive pin ▪ Optional base web	Class	Weight (kg)	Ø Outer tube	Ø Inner tube	Ø Pin	Plate
	D25N	15.60	60	48	15	120 x 120 x 8
	C+D30N	15.90				
	C+D35N	19.10	76	63		
	C+D40N	22.70				
	C+D45N	26.00				
	C+D50N	31.00	89	76		
	C+D55N	36.00				

European standard props

EQUIPMENT

		Formwork working load [daN], safety coefficient: 1.65 as per Eurocodes 0 and 3				
		Name				
		C+E25N	C+E30N	C+E35N	C+E40N	C+E45N
Extension (m)		from 1.6 to 2.5	from 1.8 to 3.0	from 2.1 to 3.5	from 2.3 to 4.0	from 2.6 to 4.5
1.6 and 1.7		3.606				
1.8		3.606	3.606			
1.9		3.606	3.606			
2.0		3.606	3.606			
2.1		3.504	3.606	3.606		
2.2		3.193	3.606	3.606		
2.3			3.506	3.606	3.606	
2.4	3.090		3.220	3.606	3.606	
2.5				3.462	3.606	
2.6				3.201	3.606	3.606
2.7			3.090		3.392	3.606
2.8					3.154	3.548
2.9						3.308
3.0						3.091
3.1				3.090		
3.2						
3.3						
3.4					3.090	
3.5						
3.6						
3.7						
3.8						
3.9						
4.0						
4.1						
4.2						
4.3						
4.4						
4.5						
4.6						
4.7						
4.8						
4.9						
5.0						
5.1						
5.2						
5.3						
5.4						
5.5						

Class C + E - Type N



Description	Components (mm)					
▪ Anti-dropout of inner and outer tube ▪ 100 mm hand guard ▪ Protection by hot-dip galvanising ▪ Optional finger protection ▪ Tapered captive pin ▪ Optional base web	Class	Weight (kg)	Ø Outer tube	Ø Inner tube	Ø Pin	Plate
	C+E25N	16.20	76	63	15	120 x 120 x 8
	C+E30N	18.30				
	C+E35N	22.00				
	C+E40N	27.00	89	76		
	C+E45N	31.00				

EQUIPMENT

		Working load IN FORMWORK (daN). EN1065						
		Name						
		D25 Nevo	D30 Nevo	D35 Nevo	D40 Nevo	D45 Nevo	D50 Nevo	D55 Nevo
	Extension (m)	from 1.6 to 2.5	from 1.8 to 3.0	from 2.1 to 3.5	from 2.3 to 4.0	from 2.5 to 4.5	from 2.8 to 5.0	from 3.1 to 5.5
Classe D Nevo	1.6	2.060	2.060	2.060	2.060	2.060	2.060	2.060
	1.8							
	1.9							
	2.0							
	2.1							
	2.2							
	2.3							
	2.4							
	2.5							
	2.6	2.060	2.060	2.060	2.060	2.060	2.060	2.060
	2.7							
	2.8							
	2.9							
	3.0							
	3.1							
	3.2							
	3.3							
	3.4							
	3.5							
	3.6							
	3.7							
	3.8							
	3.9							
	4.0							
	4.5							
	5.0							
	5.5							

Use of the prop IN FORMWORK	Description	Characteristics (mm)					
		Nom	Poids (kg)	Ø Fût	Ø Coulisse	Ø Broche	Réf. couleur
	- Trapezoidal double-start threading facilitating the strike-down (8 mm thread) - Anti-dropout system (as per EN 1065) 100 mm hand guard - Captive pin - Engraving of year of manufacture (example: 23 for 2023) - Slide with numbered holes - Epoxy paint nut - Sendzimir type material	D25 Nevo	12.60	60	48	15	As per customer
		D30 Nevo	14.70	60.30	48.50		
		D35 Nevo	19.40	76.10	63.50		
		D40 Nevo	21.90	76.10	63.50		
		D45 Nevo	26.00	76.10	63.50		
		D50 Nevo	31.80	88.90	76.10		
		D55 Nevo	36.00	88.90	76.10		

European standard props

EQUIPMENT

		Working load IN DRYING (daN)						
		Name						
		D25 Nevo	D30 Nevo	D35 Nevo	D40 Nevo	D45 Nevo	D50 Nevo	D55 Nevo
Extension (m)		from 1.6 to 2.5	from 1.8 to 3.0	from 2.1 to 3.5	from 2.3 to 4.0	from 2.5 to 4.5	from 2.8 to 5.0	from 3.1 to 5.5
1.6	3.090	3.090	3.090	3.090	3.090	3.090	3.090	3.090
1.8								
1.9								
2.0								
2.1								
2.2								
2.3								
2.4								
2.5								
2.6	3.090	3.090	3.090	3.090	3.090	3.090	3.090	3.090
2.7								
2.8								
2.9								
3.0								
3.1								
3.2								
3.3								
3.4								
3.5								
3.6								
3.7								
3.8								
3.9								
4.0								
4.5								
5.0								
5.5								

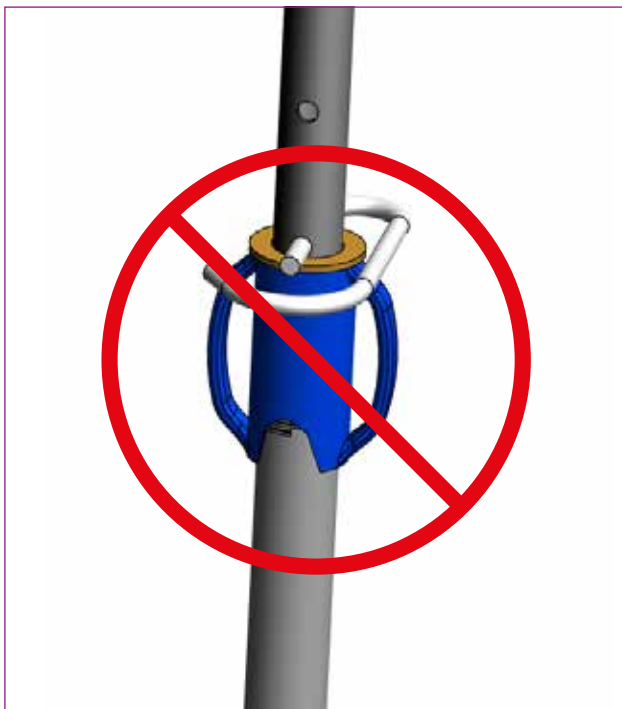
Use of the prop IN DRYING	Description	Characteristics (mm)					
		Name	Weight (kg)	Ø Outer tube	Ø Inner tube	Ø Pin	Colour ref.
	- Trapezoidal double-start threading facilitating the strike-down (8 mm thread) - Anti-dropout system (as per EN 1065) 100 mm hand guard - Captive pin - Engraving of year of manufacture (example: 23 for 2023) - Slide with numbered holes - Epoxy paint nut - Senzimir type material	D25 Nevo	12.60	60	48	15	As per customer
		D30 Nevo	14.70	60.30	48.50		
		D35 Nevo	19.40	76.10	63.50		
		D40 Nevo	21.90	76.10	63.50		
		D45 Nevo	26.00	76.10	63.50		
		D50 Nevo	31.80	88.90	76.10		
		D55 Nevo	36.00	88.90	76.10		

WARNING

- To use our products safely, please observe the regulations in force in each country.
- The elements and set-ups presented in this brochure match the characteristics of the equipment on the date of publication of the document. There might have been some changes since then.
- The use of our systems in combination with systems from other manufacturers may involve some risk, and would require special inspection.
- Before starting to set up, remember to secure the area.



PREPARATORY STAGE

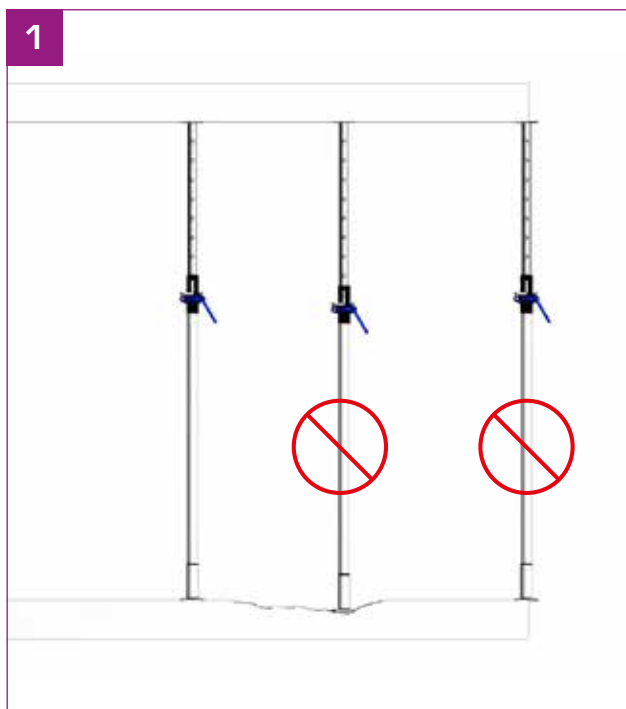


- Reception of equipment on the worksite: check quantities and validate delivery note.
- Prop inspection: do not use warped or damaged props.

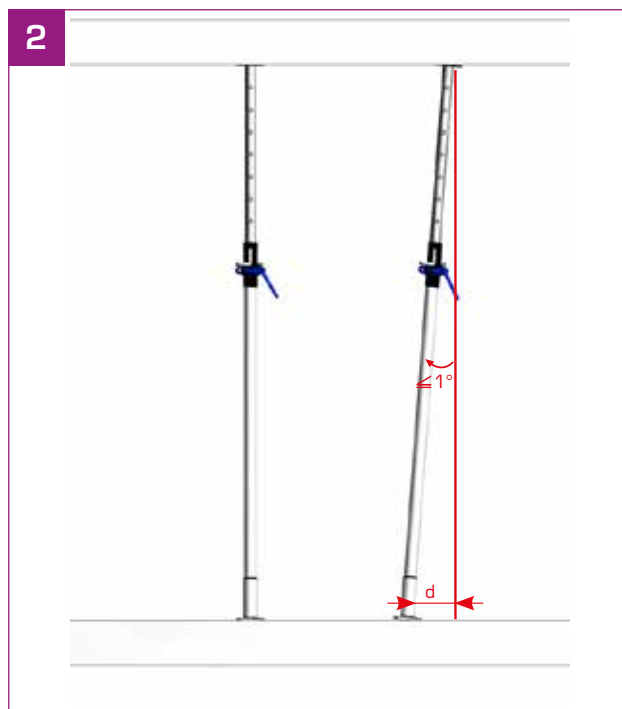
Possible configurations:

- Props may be used with the slide up or down, according to the site configuration.
- The calculation charts featured in this document have been calculated with the slide up.
- The calculation of the allowable loads, as per EN 1065 standard criteria and with the slide down configuration, gives higher values than the slide up configuration. So as not to complicate the charts, the same value has been adopted for both configurations.

PROP INSTALLATION

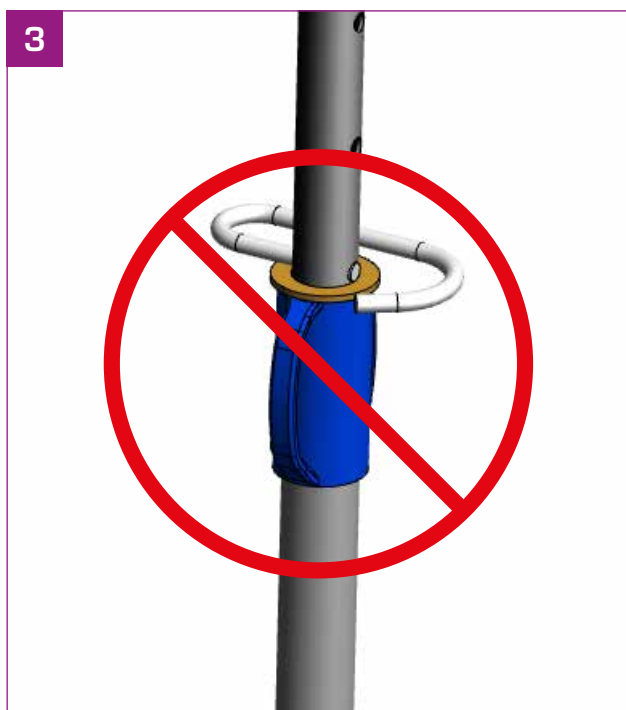


- Bearing surfaces must be flat and stable.



- Ensure that the prop is vertical.

Allowable verticality $\leq 1^\circ$ Equivalents	
Allowable offset at the foot = d (cm)	For a height of... (m)
4	2.50
5	3.00
6	3.50



- The pin must be correctly inserted and must rest on the washer.

HANDLING



- Do not store the props vertically.



- Do not throw props. Stow them in the suitable racks and move them using a crane.



- Do not strike the threading with any tool liable to damage it.



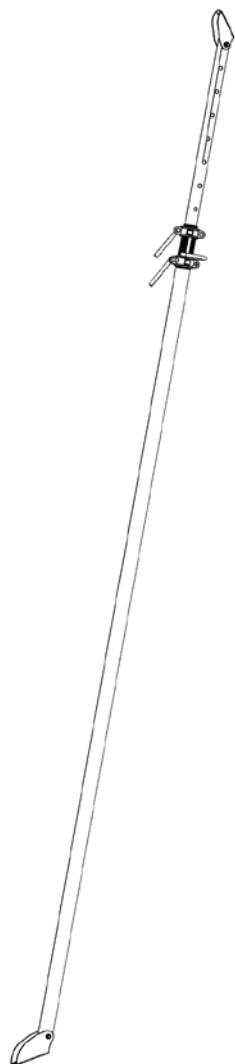
Props ***other uses***

In addition to the standardised prop range.
Alphi offers specific props to meet
all needs.

Props for other uses | A range of specialist props

EQUIPMENT

Push-pull props



Working compressive load (daN)				
Extension (m)	Name			
	TP 18/11	TP 30/18	TP 35/20	TP 45/25
	from 1.1 to 1.8	from 1.7 to 3.0	from 2.1 to 3.5	from 2.5 to 4.5
1.8	3.200	3.900		
1.9		3.900		
2.1		3.900	3.900	
2.3		3.900	3.900	
2.7		2.550	2.950	3.670
3.0		1.750	2.140	2.920
3.3			1.630	2.070
3.5			1550	2.070
3.8				1.330
4.5				830
Working tensile load (daN)				
For all extensions	2.000			

Working compressive load (daN)		
Extension (m)	Name	
	TP 45/26	TP 55/30
	from 2.6 to 4.5	from 3.0 to 5.5
2.5	3.500	
3.0	3.500	
3.4	3.500	3.500
3.6	3.420	3.500
3.8	2.910	3.500
4.0	2.500	3.070
4.5	1.810	2.110
5.0		1.560
5.5		1.200
Working tensile load (daN)		
For all extensions	3.000	

Description	Components (mm)			
	Class	Weight (kg)	Ø Outer tube	Ø Inner tube
- Anti-dropout of inner and outer tube - Nut end-of-travel stop - Protection by hot-dip galvanising - Ø 15 mm captive pin	TP 18/11	13.50	60	48
	TP 30/18	19.00		
	TP 35/20	21.00		
	TP 45/25	25.00	76	63
	TP 45/26	33.00		
	TP 55/30	37.00		

Flying shores



Working load [daN]			
Extension [m]	Name		
	ET80	ET110	ET180
	0.50 to 0.80	0.75 to 1.10	1.10 to 1.80
0.5	2.886	2.886	2.886
0.7	2.886		
0.8	2.886		
1.0		2.886	2.886
1.1		2.886	2.886
1.2			2.886
1.6			2.886
1.8			2.886
Weight [kg]	7.00	8.40	11.00

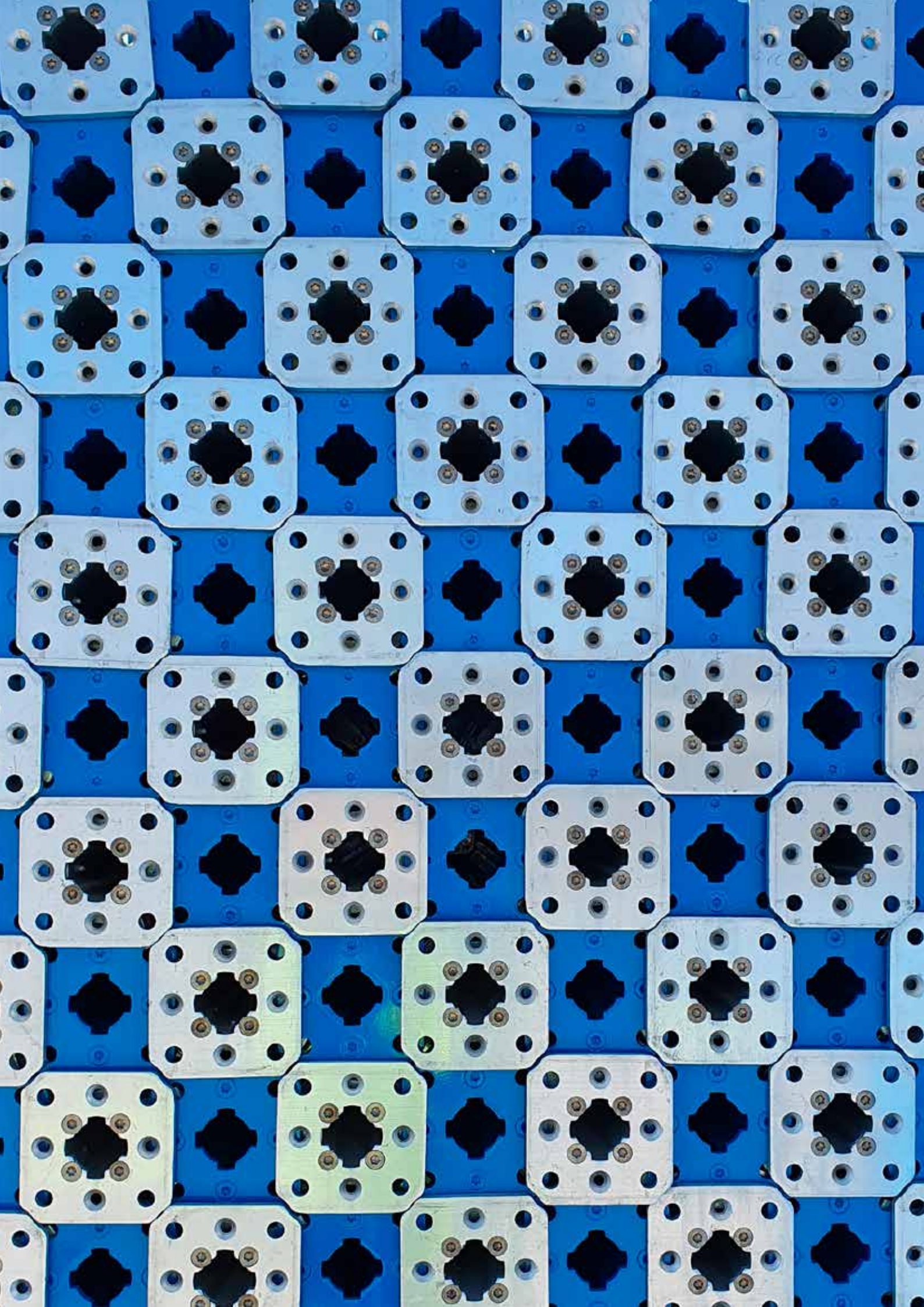
Description	
- Outer tube Ø 57 mm - Inner tube Ø 48 mm - Pin Ø 14 mm	- Hot-dip galvanised or painted - Plate 120 x 120 x 6 mm - Holes Ø 13, spacing 80 x 80 mm

EQUIPMENT

Drying props

Working load IN DRYING (daN) . safety coefficient: 2				
	Name			
	ES300	ES350	ES400	
Extension (m)	from 1.7 to 3.0	from 2.0 to 3.5	from 2.3 to 4.0	
1.7	1.850	2.126	2.571	
1.8				
1.9				
2.0				
2.1				
2.2				
2.3				
2.4				
2.5				
2.6				
2.7				
2.8				
2.9	1.720			
3.0	1.590			
3.1	1.850			
3.2	2.058			
3.3	1.907			
3.4	1.765	2.506		
3.5	1.633	2.310		
3.6	1.850	2.127		
3.7		1.958		
3.8		1.804		
3.9		1.663		
4.0		1.536		

Description	Components (mm)					
	Class	Weight (kg)	Ø Outer tube	Ø Inner tube	Ø Pin	Plate
- Hand guard - Captive pin - Forged sleeve	ES300	11.50	60	48	14	120 x 120 x 6
	ES350	13.70				
	ES400	16.00				



Aluminium **Props**

Alphi 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.

Aluminium props | For strong load support





Aluminium Props

Aluminium props are characterised by **strong load support**.

The geometry of the outer tube allows frames to be **connected quickly** in two orthogonal directions.

They can be **customised** to suit the client's colours.

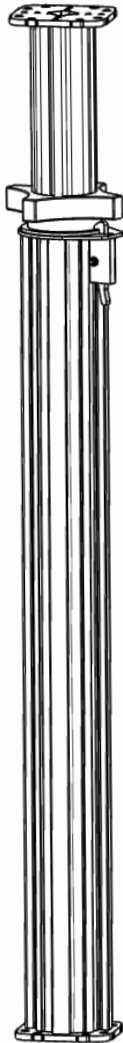
The geometry of the inner tube with non-continuous threading on the perimeter facilitates **self-cleaning** when the nut is inserted.

**COMPLIANT WITH THE
EN 16031 STANDARD.**
ALUMINIUM PROPS
OFFER THE BEST
PERFORMANCES IN
TERMS OF QUALITY
AND STRENGTH.

*Site in Switzerland
Client: Induni
Location: Geneva*

EQUIPMENT

Ø105 aluminium props

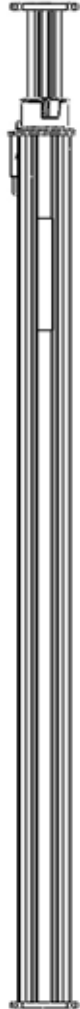


Working load [daN]					
	Name				
	U25/15 T1	S35/20 T1	E48/33 T1	D55/35 T1	D62/48 T1
Extension [m]	from 1.5 to 2.5	from 2.0 to 3.5	from 3.3 to 4.8	from 3.5 to 5.5	from 4.8 to 6.25
1.5	7.800				
1.7	7.800				
1.9	7.800				
2.0	7.800	8.900			
2.1	7.800	8.800			
2.3	7.800	8.500			
2.5	7.800	8.100			
2.7		7.600			
2.9		7.200			
3.1		6.400			
3.3		5.700	7.900		
3.5		5.000	7.600	7.500	
3.7			6.900	7.100	
3.9			6.200	6.600	
4.1			5.600	5.900	
4.3			5.000	5.600	
4.5			4.400	4.700	
4.7			3.900	4.200	
4.8			3.600	4.000	4.500
5.0				3.500	4.300
5.2				3.100	4.000
5.4				2.700	3.700
5.5				2.500	3.400
5.8					3.100
6.0					2.800
6.2					2.400
Weight [kg]	15.50	19.50	25.20	28.00	31.00

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 x 160	- Possibility of extending the outer tube - Quality epoxy paint for easy maintenance - Long working life - Certification by an independent European laboratory according to the EN 16031 standard - Classes D to U

Note: load support in props tower framed available on demand.

Aluminium props. Ø70



Working load [daN]					
	Name				
	C+E26/18 T1	C+D30/18 T1	C+D35/21 T1	C+D40/27 T1	
Extension [m]	from 1.8 to 2.6	from 1.8 to 3	from 2.1 to 3.5	from 2.7 to 4	
1.8	6.000	6.000			
1.9	6.000	6.000			
2.0	5.500	6.000			
2.1	5.000	6.000			4.700
2.2	4.500	6.000			4.700
2.3	4.100	6.000			4.700
2.4	3.800	5.500			4.700
2.5	3.500	4.900			4.600
2.6	3.200	4.500			4.500
2.7		4.100	4.400	3.400	
2.8		3.600	4.300	3.400	
2.9		3.200	4.000	3.400	
3.0		3.000	3.700	3.400	
3.1			3.400	3.400	
3.2			3.100	3.300	
3.3			2.900	3.200	
3.4			2.500	3.100	
3.5			2.300	3.000	
3.6				2.700	
3.7		2.500			
3.8		2.400			
3.9		2.200			
4.0		2.060			
Weight [kg]	10.50	12.00	14.00	14.50	

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 European laboratory according to the EN 15031 standard - Classes D to U

Note: load support in props tower framed available on demand.

EASY

USE

STABILITY

ADAPTABILITY

Accessories Props

Stabilisation. handling. personalisation...
a wide range of accessories for easy deployment of Alphi props.

ALL PROP RANGES

Additional	Collapsible galvanised tripod	Weight (kg)	Height (cm)	Prop diameter (mm)
		4.70	70	From 55 to 76
	Fork	Working height (cm)	Description	
		14	For use with timber beams and AL200	
	Girder clamp	Unit weight (kg)	Description	
		3.00	The tube is inserted into the prop used for cladding	
	Skin clamp	Unit weight (kg)	Description	
		3.00	Stabilising clamp for use with 48 mm tube and collars	
	Prop clamp*	Unit weight (kg)	Description	
		5.00	The 45°-oriented rear plate allows fastening after positioning the prop	
	Dywidag form panel hole clamp	Unit weight (kg)	Description	
		3.00	The loop is used either to stabilise a prop. or to receive a tube for holding multiple props	

*excluding aluminium props

ALL PROP RANGES

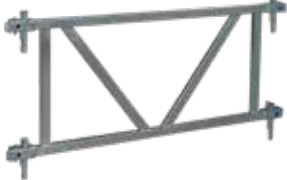
Leborgne tools	Nanovib® range*	Description
		- Tools suitable for fitting and removing Alphi formwork: hammers, hammer holder, prop key - Vibration and noise reduction Alphi distributes Leborgne Click here to view details of Leborgne Tools

Handling	Racks	Ranges
		- Galvanised handling rack - Vertical storage rack - Galvanised rack on wheels Click here to view details of racks
	TransÉtais Logement*	Description
		- Easier prop handling - Makes it possible to pass through door openings Click here to view details of TransÉtais Logement

*excluding aluminium props

Customisation	Self-adhesive label	Description
	 	Self-adhesive labels can be produced with the client's colours and logo
	Epoxy paint (sleeve, slide, nut, etc.)	Description
		RAL according to client's choice
	Plate and/or handle engraving	Description
		Engraving of plate and/or operating handle on external thread prop (not more than 8 characters for client's name)

ALUMINIUM PROPS

Additional	Frame (aluminium props. Ø105)	Dimensions w x h (m)	Weight (kg)
		1.20 x 0.50	10.90
		1.60 x 0.50	13.00
		1.90 x 0.50	14.80
		2.10 x 0.50	15.25
		2.30 x 0.50	16.58
		2.50 x 0.50	17.50
	Frame (aluminium props. Ø70)	Dimensions w x h (m)	Weight (kg)
		1.60 x 0.50	13.00
	Electrogalvanised quick formwork strike-down tool	Weight (kg)	Working load (kN)
		6.00	100
	Painted collapsible tripod	Weight (kg)	Height (m)
		11.00	1.16
	Setting key	Weight (kg)	Description
		1.50	Facilitates nut unfastening preparation

Connection bolt	Weight (kg)
	0.07
Extension	Height (m)
	From 0.50 to 2.00
Flange	Description
	Used to associate aluminium props with tubes

Handling	Prop rack	Dimensions L x w x h (m)	Max. working load (kg)
		1.33 x 1.05 x 0.95	1.500

ALPHI. THE FRENCH SHORING SPECIALIST



Whether for formwork or drying, our props are suited to all uses.

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