

LICO

The lightweight column formwork
for forming by hand



PERI LICO

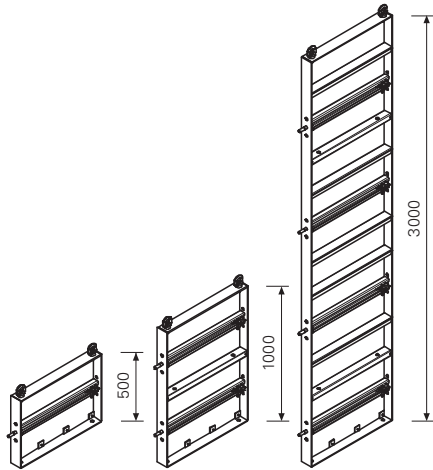
Crane-independent, flexible, inexpensive

LICO, the lightweight column formwork for cost-effective forming also without a crane.

The low individual weights of the elements allow assembly and dismantling by hand. This means that the formwork crew is still in a position to effectively use crane non-availability in a productive way.

Practical details simplify the use and lower shuttering times.

The high permissible fresh concrete pressure of 80 kN/m² ensures fast concreting cycles and thus contributes to a very economical utilisation of the equipment.



Height increments 500 mm

Only three different element heights: 3.00 m, 1.00 m and 0.50 m. These allow optimal adjustment to the required concreting heights.



Column cross-sections

Different cross-section combinations permit rectangular or square configurations from 200 x 200 to 600 x 600 mm in 50 mm increments.

3.00 m high LICO column formwork with RSS I Push-Pull Props for construction of an office building.

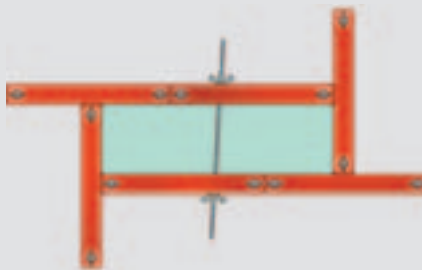


Captive column tie bolts and nuts are permanently attached to each element.



Eye bolt as load bearing point for moving as well as easy and simple extensions.

LICO chamfer strip, Item no. 111975, is simply attached to the front side of the element.



Column cross-sections from 200 x 200 mm to 600 x 600 mm can be realised both square or rectangular-shaped in 50 mm increments.

With centrally-positioned ties, cross-sections up to 60 x 130 mm can be formed. Element connections are carried out using standard M20 bolts.



Practice-oriented details

- The LICO captive column tie bolts and nuts are permanently attached to the elements.
- Eye bolts on all elements serve as load bearing points for moving with the crane as well as for element connections when extending.
- The chamfer strips are easily fitted on the elements – this saves time-consuming and cost-intensive nailing of conventional strips.

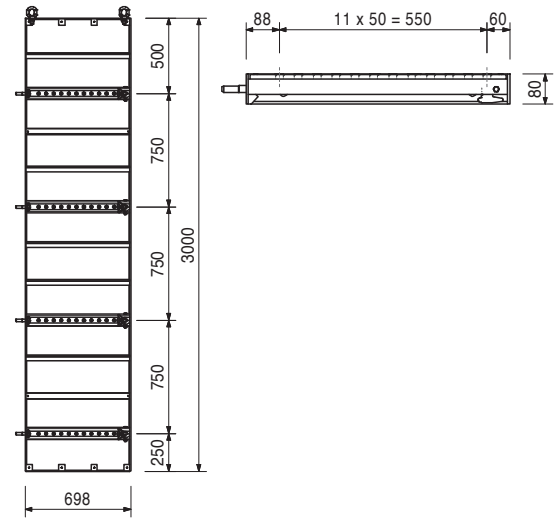
Item no.	Weight kg
111683	74.700

Column Panel LICO 700 x 3000

Column panels for cross-sections from 20 x 20 cm up to 60 x 60 cm in 5 cm increments. 12 mm Fin-Ply formlining.

Complete with

- 4 pc. 111679 Column Tie Nut LICO DW 15
- 4 pc. 111682 Column Tie Bolt LICO DW 15
- 2 pc. 710130 Loop Bolt M20 x 40, galv.
- 2 pc. 781053 Nut ISO 7042 M20-8, galv.
- 48 pc. 030290 Plug Ø 20 mm



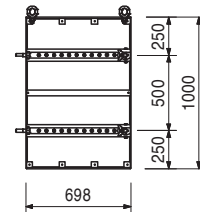
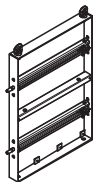
111957	32.600
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Column Panel LICO 700 x 1000

Column panels for cross-sections from 20 x 20 cm up to 60 x 60 cm in 5 cm increments. 12 mm Fin-Ply formlining.

Complete with

- 2 pc. 111679 Column Tie Nut LICO DW 15
- 2 pc. 111682 Column Tie Bolt LICO DW 15
- 2 pc. 710130 Loop Bolt M20 x 40, galv.
- 2 pc. 781053 Nut ISO 7042 M20-8, galv.
- 24 pc. 030290 Plug Ø 20 mm



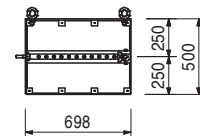
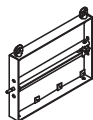
111964	17.000
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Column Panel LICO 700 x 500

Column panels for cross-sections from 20 x 20 cm up to 60 x 60 cm in 5 cm increments. 12 mm Fin-Ply formlining.

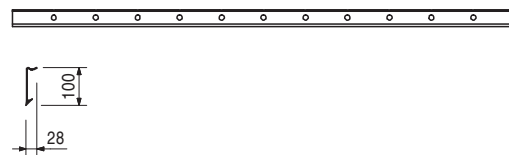
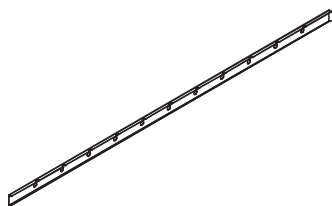
Complete with

- 1 pc. 111679 Column Tie Nut LICO DW 15
- 1 pc. 111682 Column Tie Bolt LICO DW 15
- 2 pc. 710130 Loop Bolt M20 x 40, galv.
- 2 pc. 781053 Nut ISO 7042 M20-8, galv.
- 12 pc. 030290 Plug Ø 20 mm



Item no.	Weight kg
111975	1.080

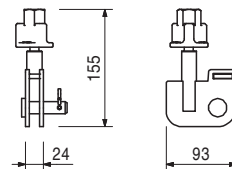
Chamfer Strip LICO I = 3.00 m
For attaching to the LICO column panels.



037530	1.130
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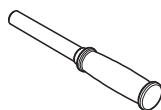
Brace Connector QUATTRO QR
For connecting push-pull props and kicker braces to QUATTRO and LICO panels.

Complete with
1 pc. 027170 Pin \varnothing 16 x 42, galv.
1 pc. 018060 Cotter Pin 4/1, galv.



115019	0.334
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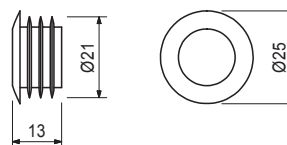
Lifting Pin LICO



030290	0.002
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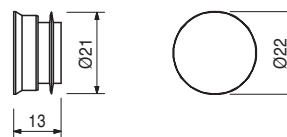
Plug \varnothing 20 mm
For closing \varnothing 20 mm tie holes which are not required.

Note
Delivery unit 500 pieces.



124739	0.003
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Plug \varnothing 20 mm LICO
For closing \varnothing 20 mm tie holes which are not required.

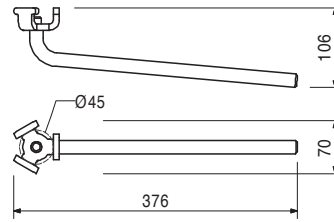
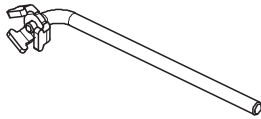


LICO Column Formwork



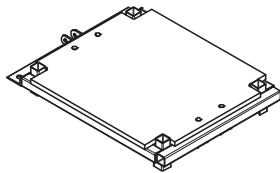
Item no.	Weight kg
116432	0.957

Spanner LICO
For tying LICO column formwork.

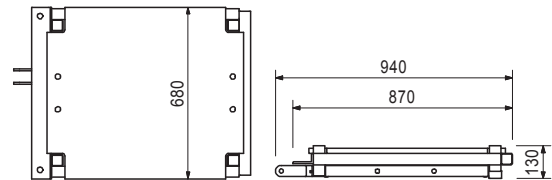


115894	22.900
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Concreting Platform LICO
Working and concreting platform for LICO column formwork.



Technical Data
Permissible load 150 kg/m².

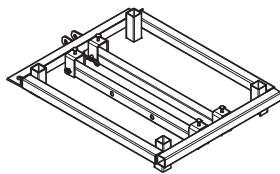


116292	4.730
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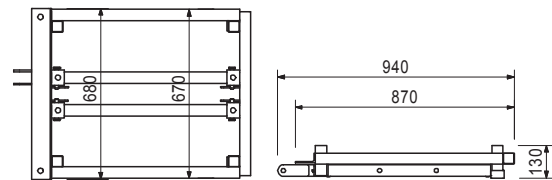
Accessories
Guardrail Post HSGP-2

115895	17.600
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Concreting Platform LICO Frame
Working and concreting platform for LICO column formwork. Decking by customer.

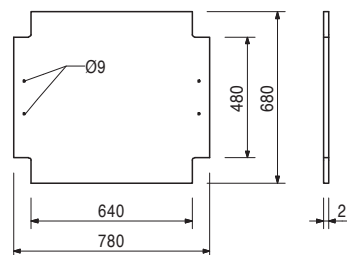
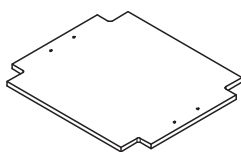


Technical Data
Permissible load 150 kg/m².



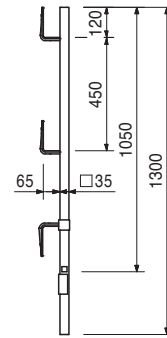
115896	5.270
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Concreting Platform LICO Cover
As replacement cover for Concreting Platform LICO.



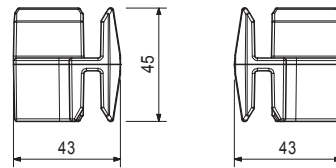
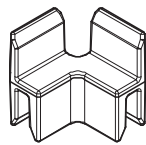
Item no.	Weight kg
116292	4.730

Guardrail Post HSGP-2
As guardrail for different systems.



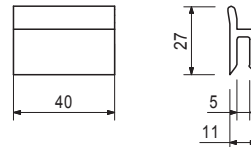
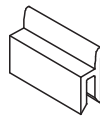
114620	0.026
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Stacking Aid LICO
For easy stacking of LICO panels.



034630	0.008
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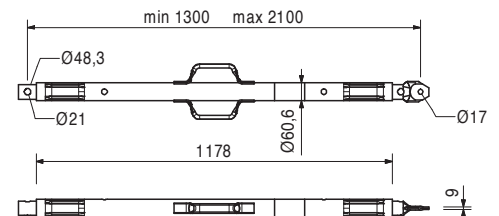
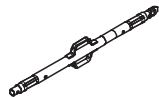
Stacking Device-2 LICO



117466	10.600
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Push-Pull Prop RS 210, galv.
Extension length $l = 1.30 - 2.10$ m.
For aligning PERI formwork systems and precast concrete elements.

Note
Permissible load see PERI Design Tables.



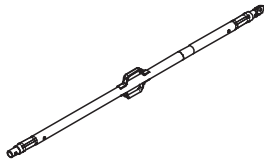
LICO Column Formwork



Item no.	Weight kg
118238	12.200

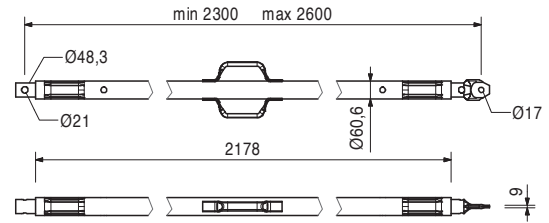
Push-Pull Prop RS 260, galv.

Extension length $l = 2.30 - 2.60$ m.
For aligning PERI formwork systems and precast concrete elements.



Note

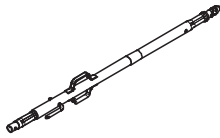
Permissible load see PERI Design Tables.



117467	15.500
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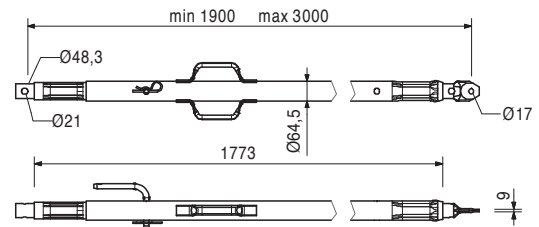
Push-Pull Prop RS 300, galv.

Extension length $l = 1.90 - 3.00$ m.
For aligning PERI formwork systems and precast concrete elements.



Note

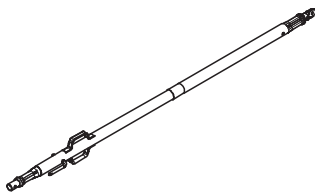
Permissible load see PERI Design Tables.



117468	23.000
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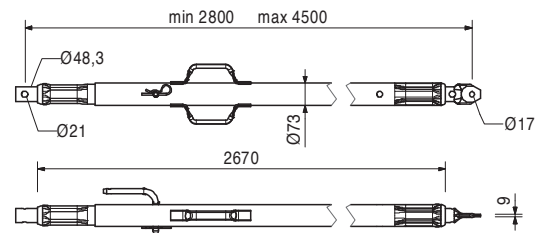
Push-Pull Prop RS 450, galv.

Extension length $l = 2.80 - 4.50$ m.
For aligning PERI formwork systems and precast concrete elements.



Note

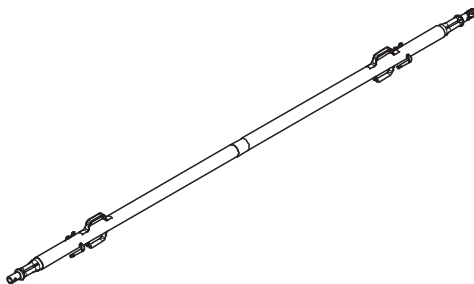
Permissible load see PERI Design Tables.



117469	40.000
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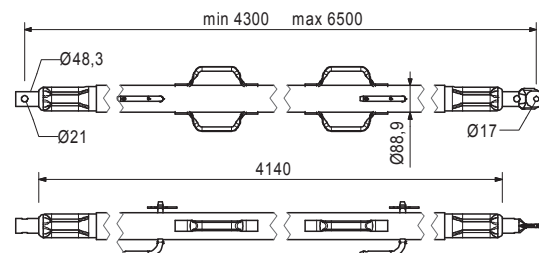
Push-Pull Prop RS 650, galv.

Extension length $l = 4.30 - 6.50$ m.
For aligning PERI formwork systems and precast concrete elements.



Note

Permissible load see PERI Design Tables.



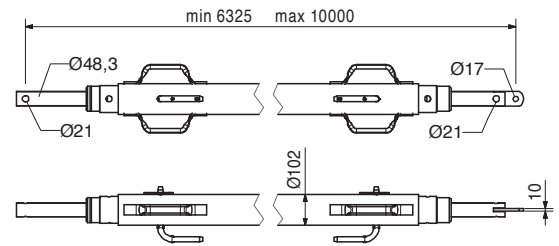
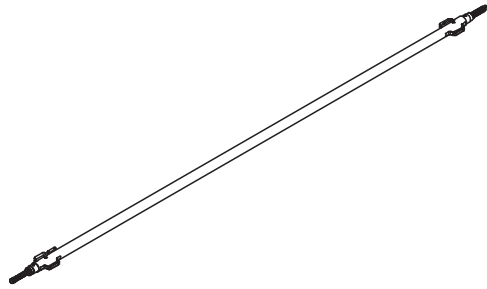
LICO Column Formwork



Item no.	Weight kg
028990	115.000

Push-Pull Prop RS 1000, galv.
 Extension length $l = 6.40 - 10.00$ m.
 For aligning PERI formwork systems.

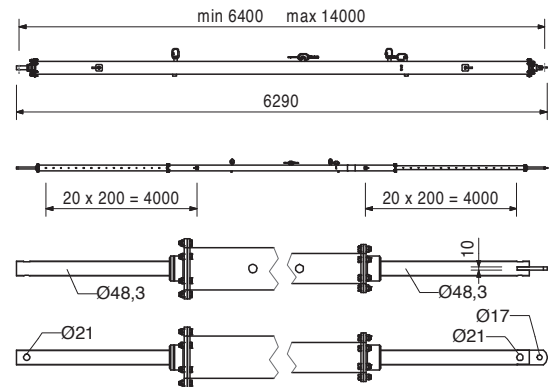
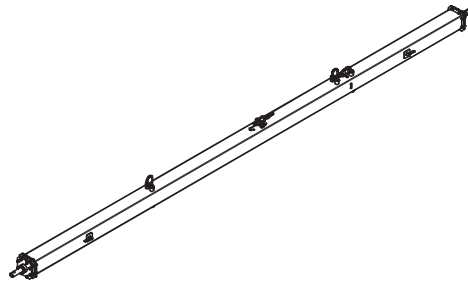
Note
 Permissible load see PERI Design Tables.



103800	271.000
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Push-Pull Prop RS 1400, galv.
 Extension length $l = 6.40 - 14.00$ m.
 For aligning PERI formwork systems.

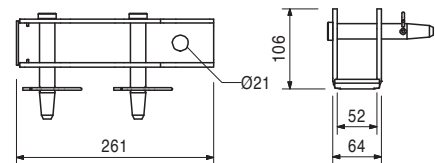
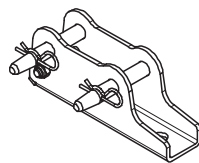
Note
 Permissible load see PERI Design Tables.
 Chain can be operated from bottom.



117343	3.250
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Base Plate-2 for RS 210 – 1400, galv.
 For assembly of Push-Pull Props RS 210, 260, 300, 450, 650, 1000 and 1400.

Complete with
 2 pc. 105400 Pin Ø 20 x 140, galv.
 2 pc. 018060 Cotter Pin 4/1, galv.



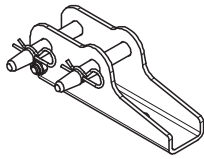
124777	0.210
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Accessories
Anchor Bolt PERI 14/20 x 130

Item no.	Weight kg
126666	3.070

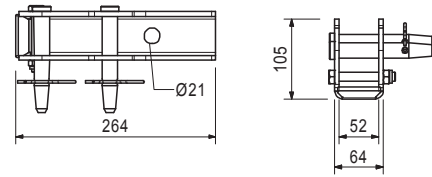
Base Plate-3 for RS 210-1400

For assembly of Push-Pull Props RS 210, 260, 300, 450, 650, 1000 and 1400.



Complete with

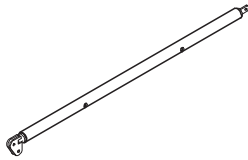
- 2 pc. 105400 Pin \varnothing 20 x 140, galv.
- 2 pc. 018060 Cotter Pin 4/1, galv.
- 1 pc. 113063 Bolt ISO 4014 M12 x 80-8.8, galv.



028010	17.900
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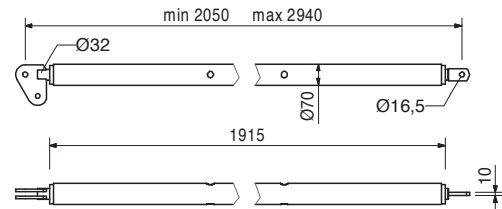
Push-Pull Prop RSS I

Extension length $l = 2.05 - 2.94$ m.
For aligning PERI formwork systems.



Note

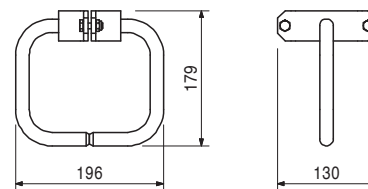
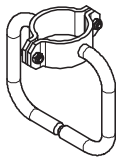
Permissible load see PERI Design Tables.



113397	1.600
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Spindle Handle RSS / AV

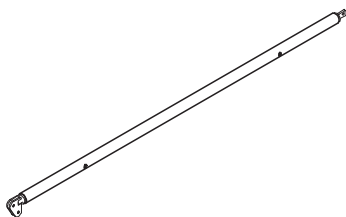
Spindle Handle for screwing on Push-Pull-Props RSS I, RSS II, RSS III and Kickers AV 210 and AV 190 complete with 2 bolts and nuts M8.



028020	22.000
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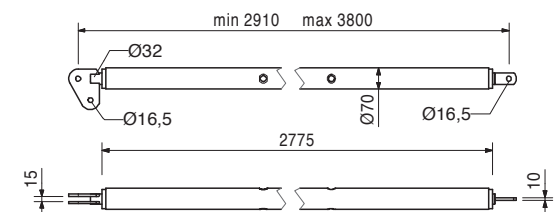
Push-Pull Prop RSS II

Extension length $l = 2.91 - 3.80$ m.
For aligning PERI formwork systems.



Note

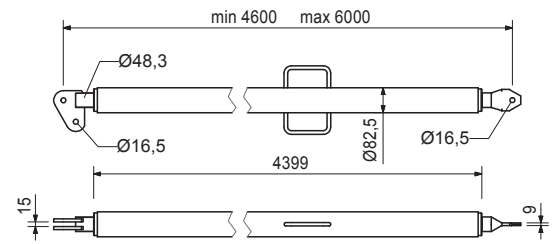
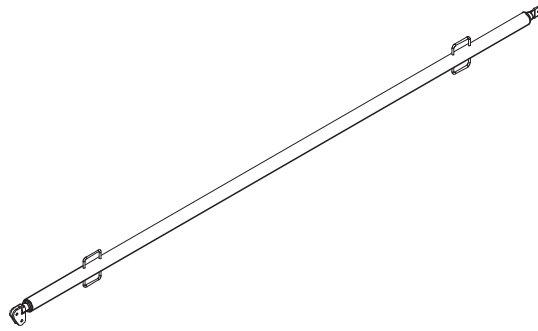
Permissible load see PERI Design Tables.



Item no.	Weight kg
028030	38.400

Push-Pull Prop RSS III
 Extension length l = 4.60 – 6.00 m.
 For aligning PERI formwork systems.

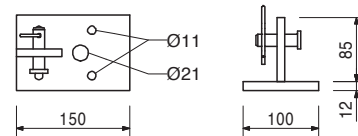
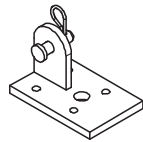
Note
 Permissible load see PERI Design Tables.



106000	1.820
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Base Plate-2 for RSS, galv.
 For assembly of RSS Push-Pull Props.

Complete with
 1 pc. 027170 Pin Ø 16 x 42, galv.
 1 pc. 018060 Cotter Pin 4/1, galv.



Accessories
Anchor Bolt PERI 14/20 x 130

124777	0.210
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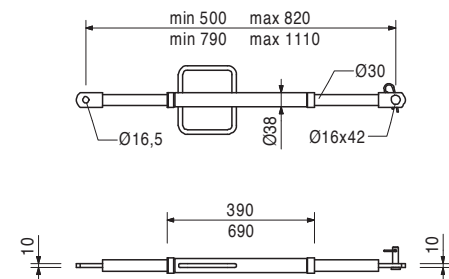
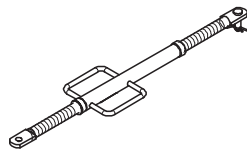
057087	3.720
057088	4.410

Kickers AV
Kicker AV 82
Kicker AV 111
 For aligning PERI formwork systems.

min. L	max. L
500	820
790	1110

Complete with
 1 pc. 027170 Pin Ø 16 x 42, galv.
 1 pc. 018060 Cotter Pin 4/1, galv.

Note
 Permissible load see PERI Design Tables.



LICO Column Formwork

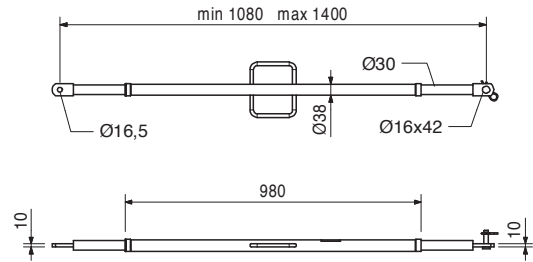
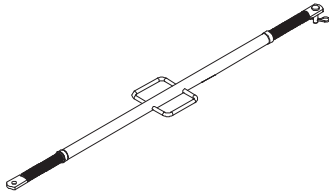


Item no.	Weight kg
028110	5.180

Kicker AV 140
 Extension length $l = 1.08 - 1.40$ m.
 For aligning PERI formwork systems.

Complete with
 1 pc. 027170 Pin $\varnothing 16 \times 42$, galv.
 1 pc. 018060 Cotter Pin 4/1, galv.

Note
 Permissible load see PERI Design Tables.

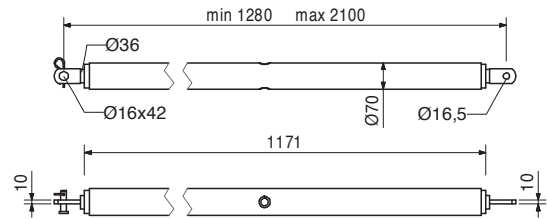
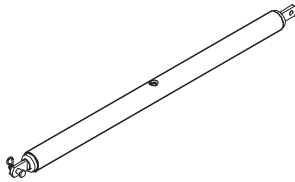


108135	12.900
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Kicker AV 210
 Extension length $l = 1.28 - 2.10$ m.
 For aligning PERI formwork systems.

Complete with
 1 pc. 027170 Pin $\varnothing 16 \times 42$, galv.
 1 pc. 018060 Cotter Pin 4/1, galv.

Note
 Permissible load see PERI Design Tables.

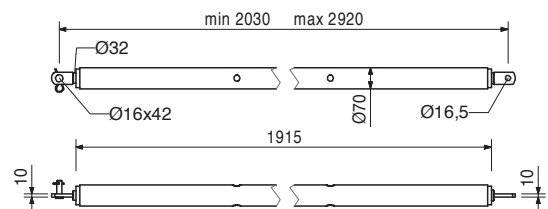
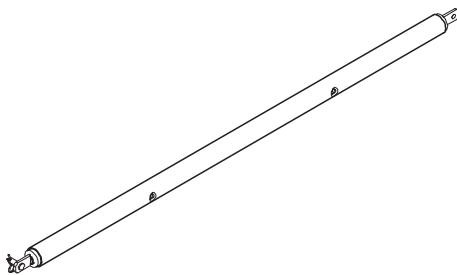


028120	17.000
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Kicker AV RSS III
 Extension length $l = 2.03 - 2.92$ m.
 For aligning PERI formwork systems.

Complete with
 1 pc. 027170 Pin $\varnothing 16 \times 42$, galv.
 1 pc. 018060 Cotter Pin 4/1, galv.

Note
 Permissible load see PERI Design Tables.



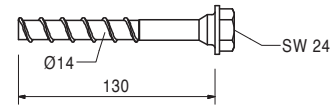
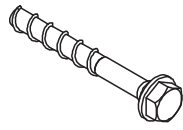
Item no.	Weight kg
124777	0.210

Anchor Bolt PERI 14/20 x 130

For temporary fixation to reinforced concrete structures.

Note

See PERI data sheet!
Drilling \varnothing 14 mm.



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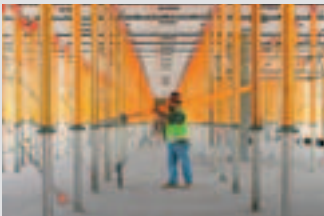
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