constructiv **PILA**

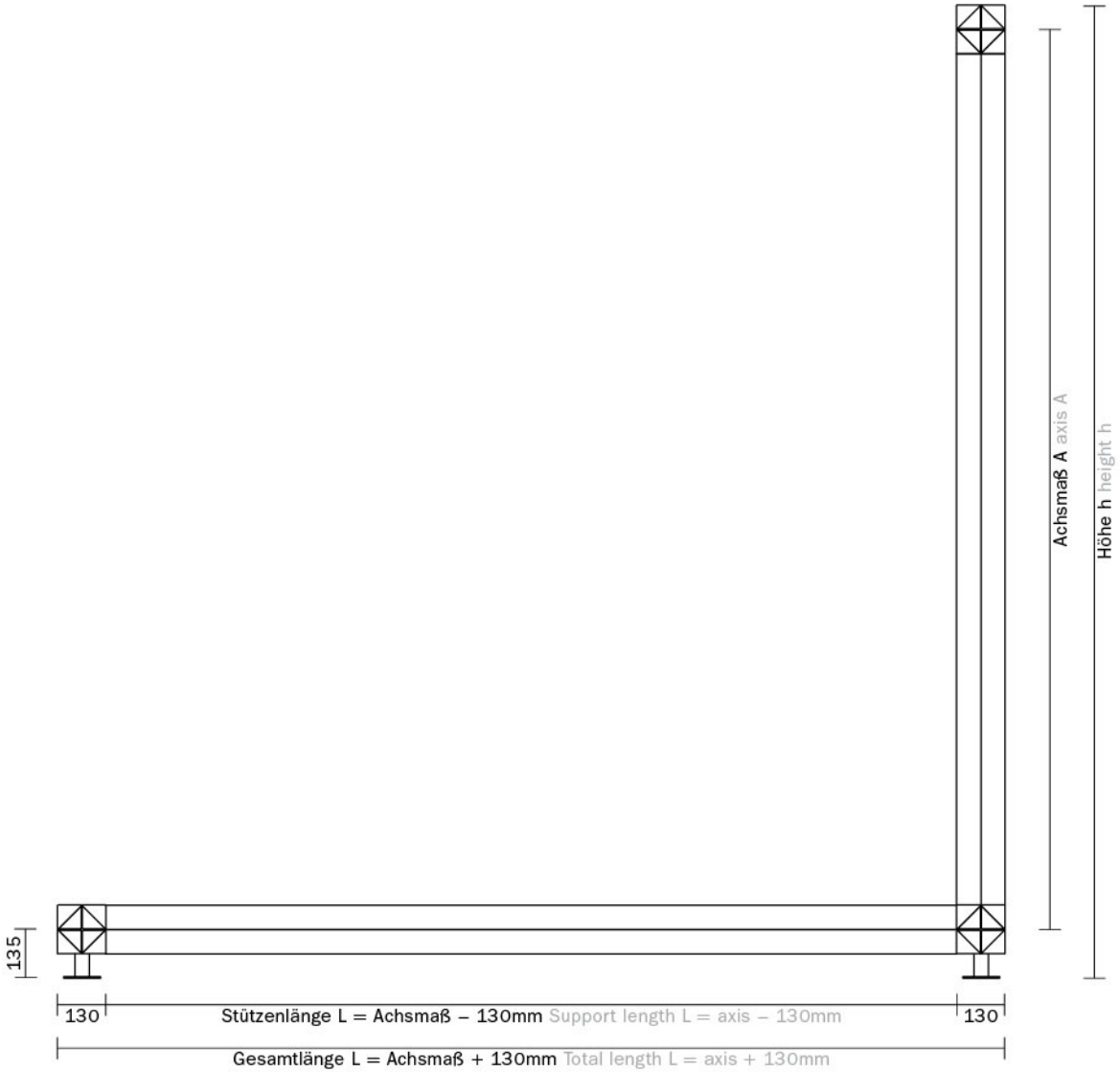
burkhardt **leitner**

modular spaces

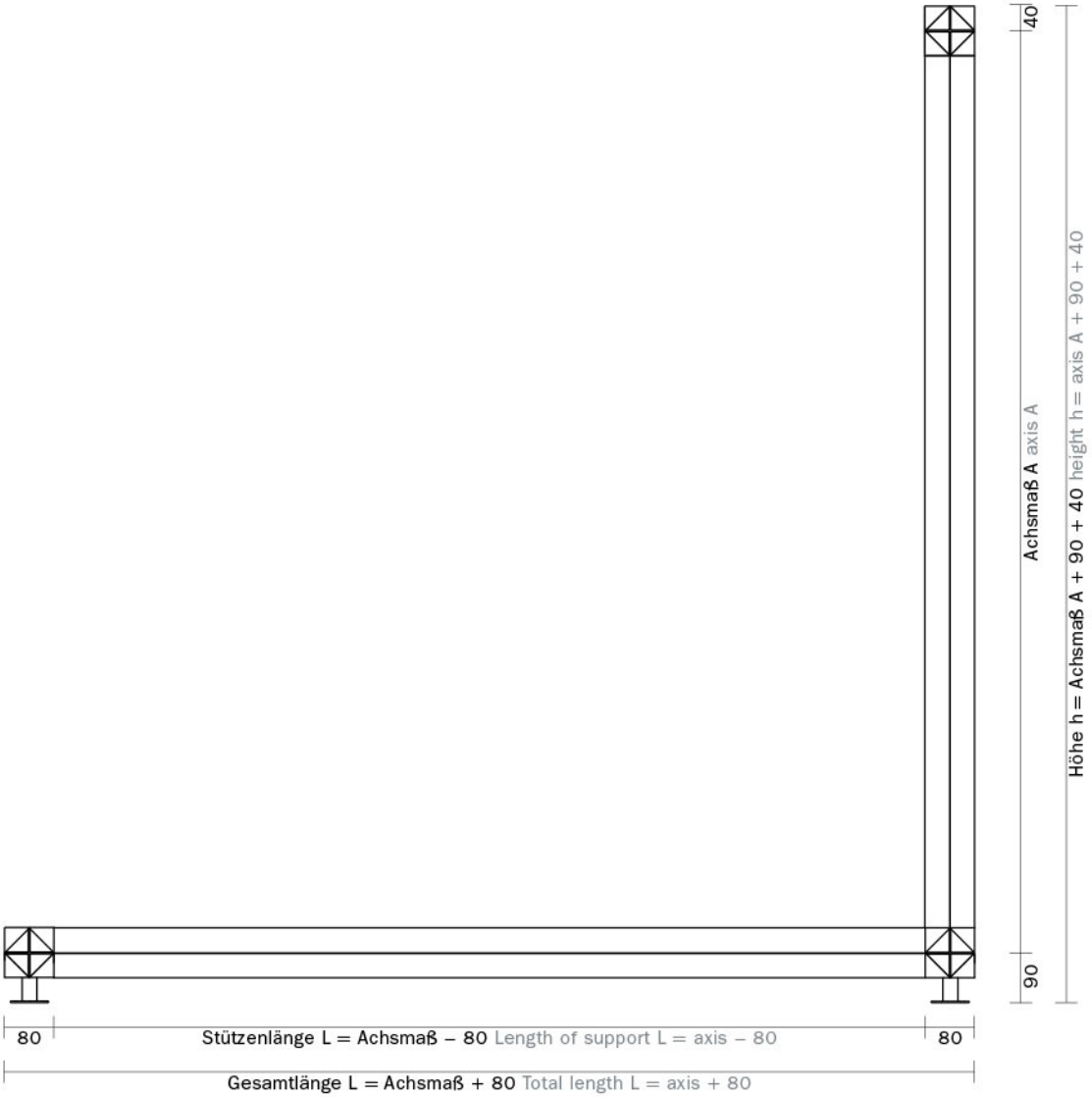
TECHNICAL DATA

of rental equipment by STUDIO DEGA

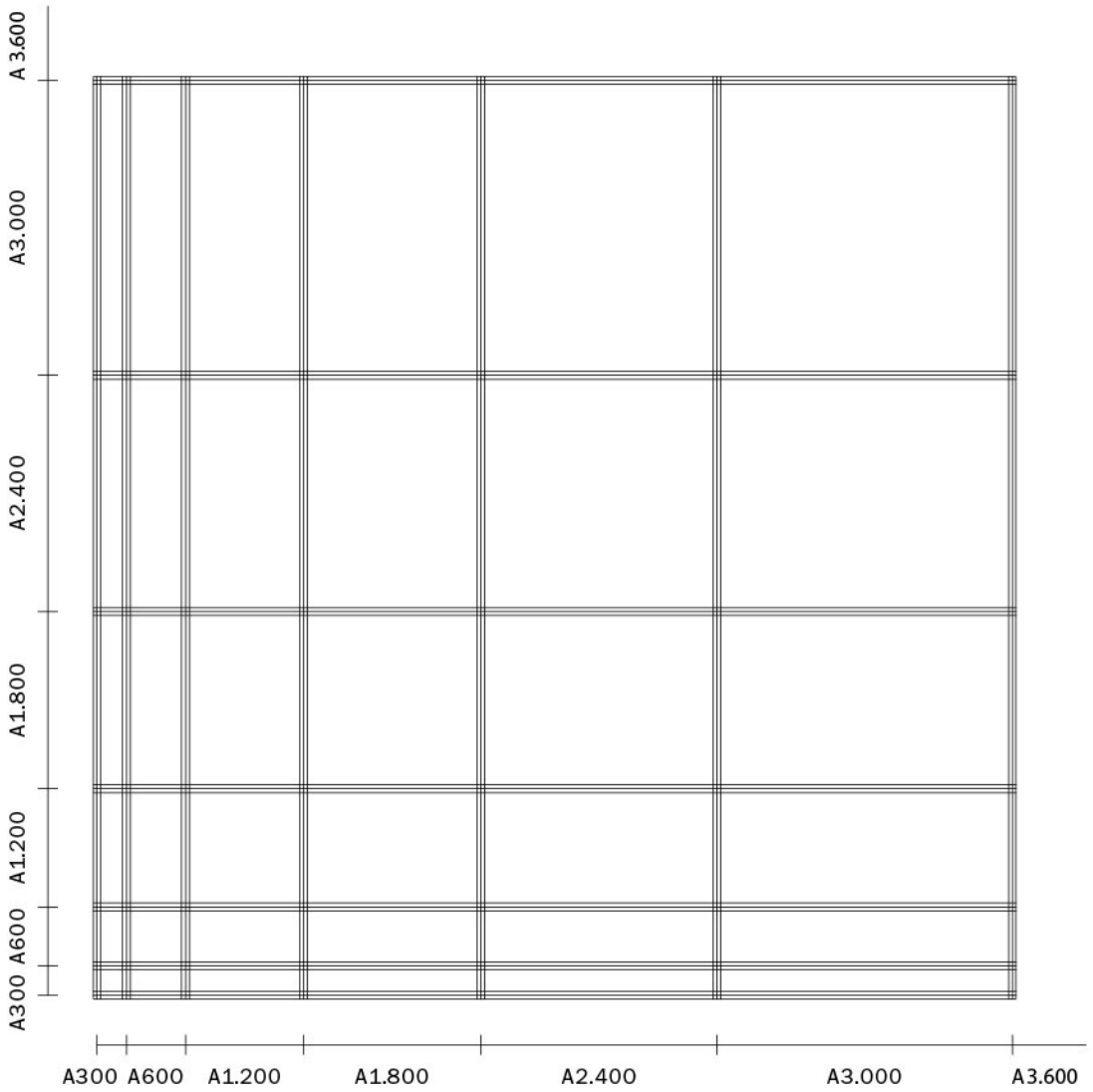
PILA Explanations



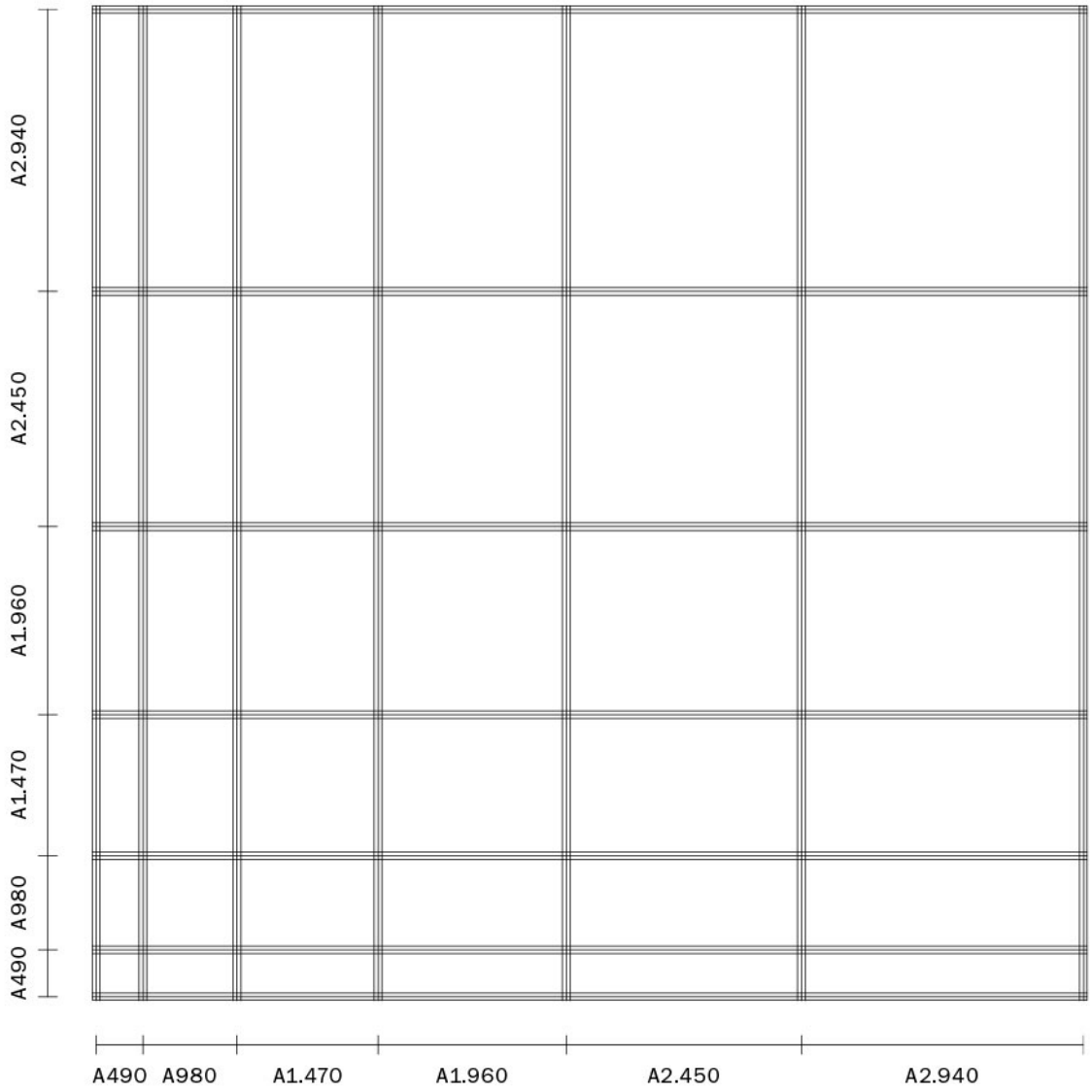
PILA Petite Explanations

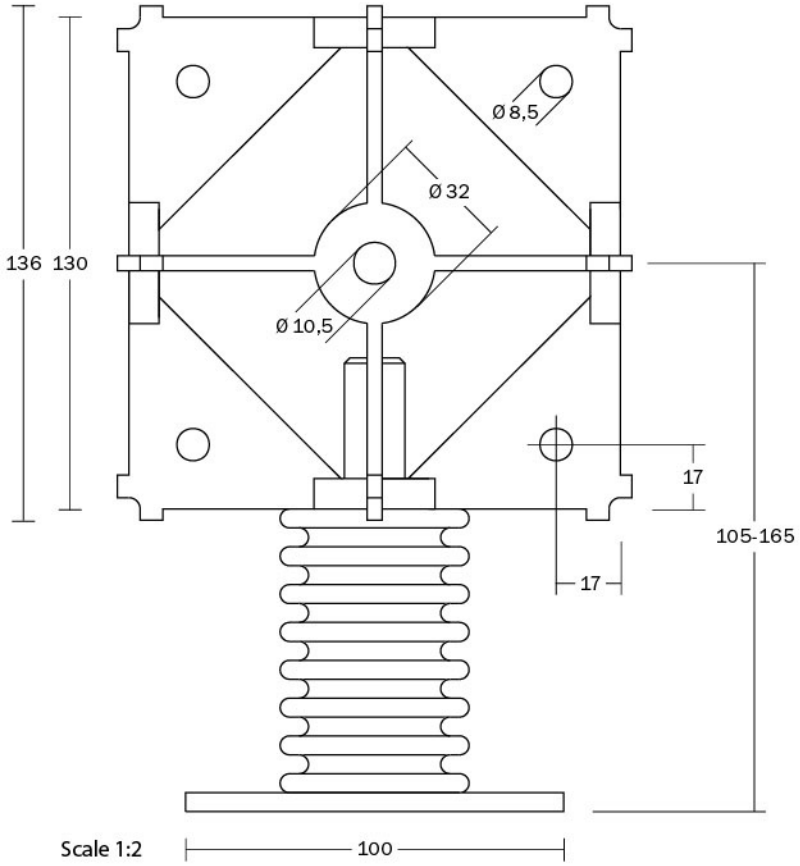


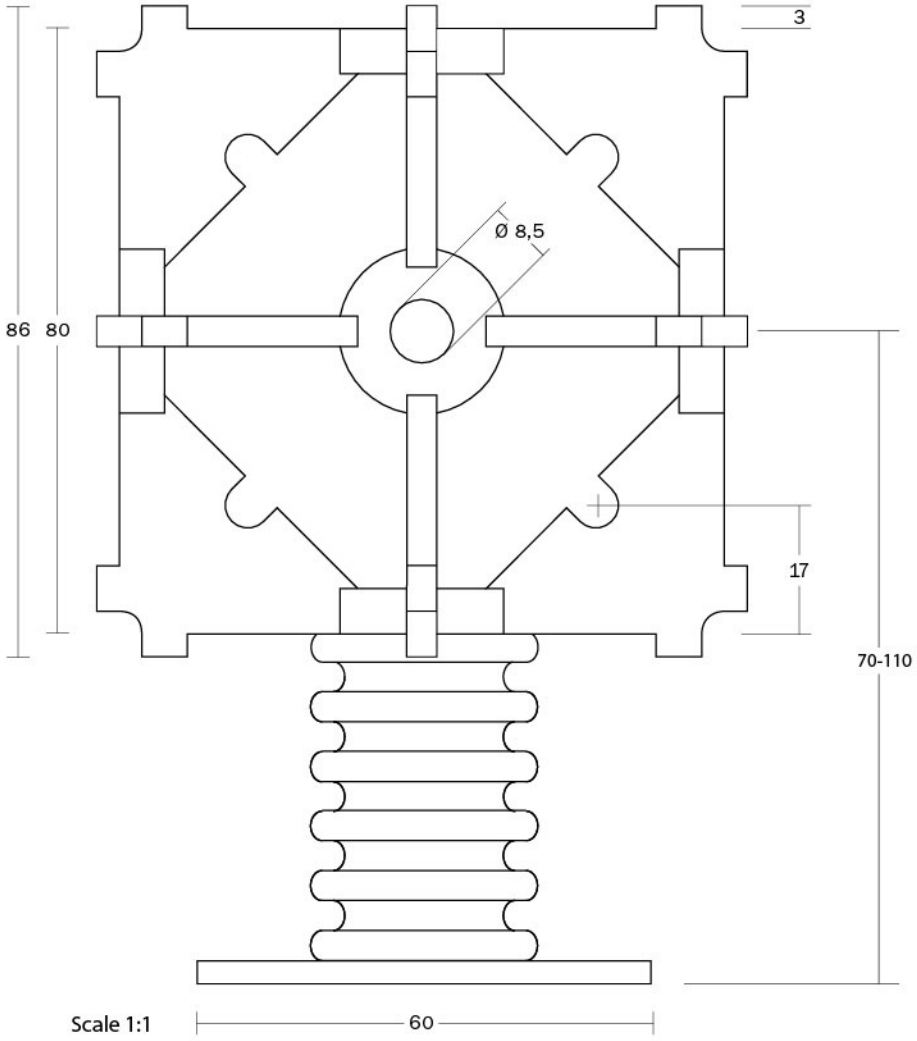
PILA Grid system: Axial dimensions of 1.200

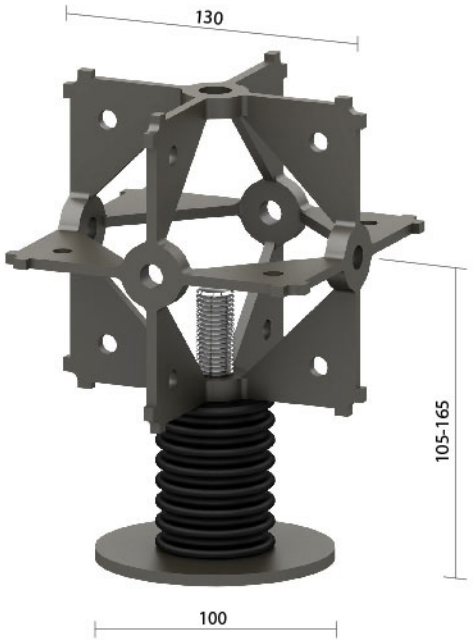


PILA Petite Grid system: Axial dimensions of 980



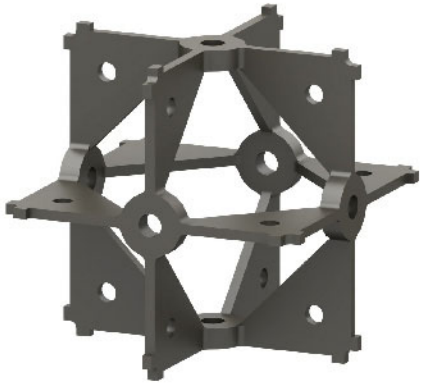

Ø 8,5
Ø 32
Ø 10,5
136
130
17
105-165
17
Scale 1:2
100


3
Ø 8,5
86
80
17
70-110
Scale 1:1
60



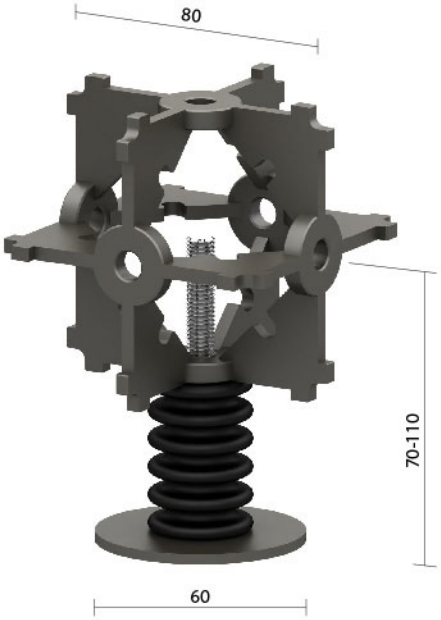
PI-K 01

Height adjuster and foot, high-grade steel, M16 thread



PI-K 02

Connector, high-grade steel



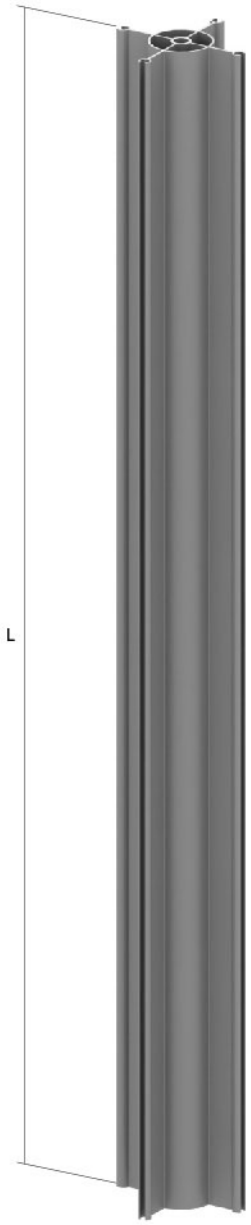
PP-K 01

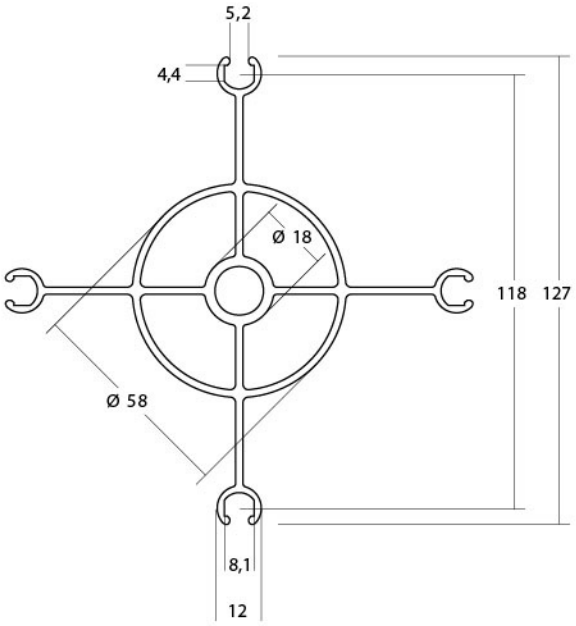
Height adjuster, high-grade steel, M8 thread

PP-K 02

Connector, high-grade steel

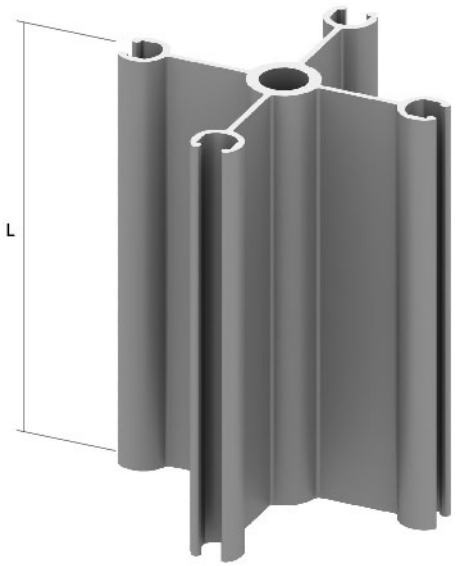
PILA Supports: Anodized aluminium sections

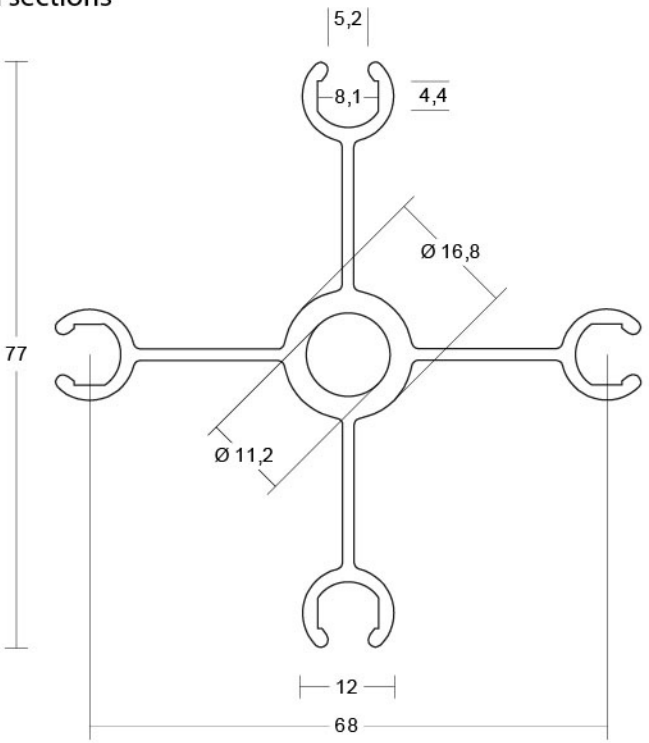


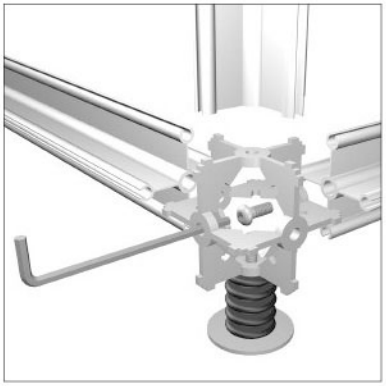


PI-SIII A030	A 300	L 170
PI-SIII A060	A 600	L 470
PI-SIII A120	A 1.200	L 1.170
PI-SIII A180	A 1.800	L 1.670
PI-SIII A240	A 2.400	L 2.270
PI-SIII A300	A 3.000	L 2.870
PI-SIII A360	A 3.600	L 3.470

PILA Petite Supports: Anodized aluminium sections

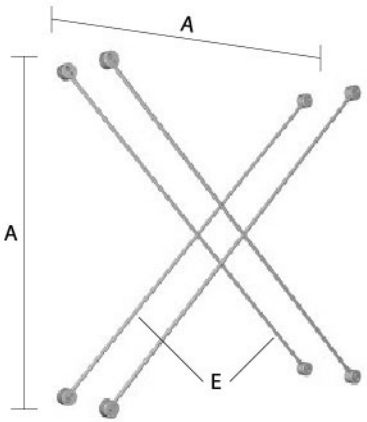






PP-SII A049	A 490	L 410
PP-SII A098	A 980	L 900
PP-SII A147	A 1.470	L 1.390
PP-SII A196	A 1.960	L 1.880
PP-SII A245	A 2.450	L 2.370
PP-SII A294	A 2.940	L 2.860

PILA Static Elements: Diagonal Braces



Achsmaß axis	A 300	A 600	A 1.200	A 2.400	A 3.000	A 3.600
A 300	**PI-D 0303** (L 270) **PI-D 0303 E**	**PI-D 0603** (L 526) **PI-D 0603 E**	**PI-D 1203** (L 1.105) **PI-D 1203 E**	**PI-D 2403** (L 2.295) **PI-D 2403 E**	**PI-D 3003** (L 2.893) **PI-D 3003 E**	**PI-D 3603** (L 3.492) **PI-D 3603 E**
A 600		**PI-D 0606** (L 695) **PI-D 0606 E**	**PI-D 1206** (L 1.196) **PI-D 1206 E**	**PI-D 2406** (L 2.340) **PI-D 2406 E**	**PI-D 3006** (L 2.929) **PI-D 3006 E**	**PI-D 3606** (L 3.522) **PI-D 3606 E**
A 1.200			**PI-D 1212** (L 1.543) **PI-D 1212 E**	**PI-D 2412** (L 2.537) **PI-D 2412 E**	**PI-D 3012** (L 3.089) **PI-D 3012 E**	**PI-D 3612** (L 3.656) **PI-D 3612 E**
A 2.400				**PI-D 2424** (L 3.240) **PI-D 2424 E**	**PI-D 3024** (L 3.689) **PI-D 3024 E**	**PI-D 3624** (L 4.176) **PI-D 3624 E**
A 3.000					**PI-D 3030** (L 4.089) **PI-D 3030 E**	**PI-D 3630** (L 4.533) **PI-D 3630 E**
A 3.600						**PI-D 3636** (L 4.937) **PI-D 3636 E**

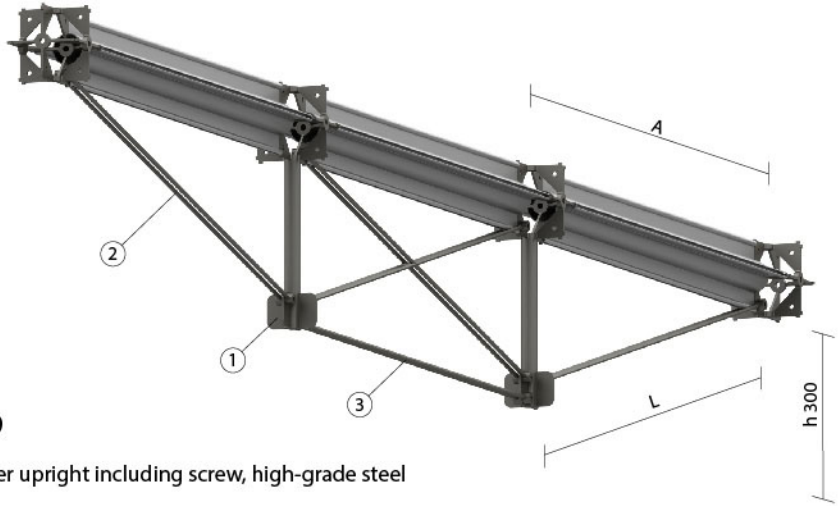
PILA Petite Static Elements: Diagonal Braces

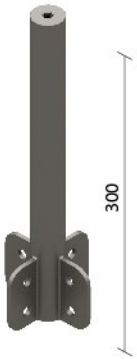
E = Ergänzungssatz

E = extra (supplementary) set.

Double-layer girded

Achsmaß axis	A490	A980	A1.470	A1.960	A2.450	A2.940
A490	**PP-D 0404** (L 612) **PP-D 0404 E**	**PP-D 0904** (L 1.018) **PP-D 0904 E**	**PP-D 1404** (L 1.476) **PP-D 1404 E**	**PP-D 1904** (L 1.949) **PP-D 1904 E**	**PP-D 2504** (L 2.429) **PP-D 2504 E**	**PP-D 2904** (L 2.912) **PP-D 2904 E**
A980		**PP-D 0909** (L 1.305) **PP-D 0909 E**	**PP-D 1409** (L 1.687) **PP-D 1409 E**	**PP-D 1909** (L 2.114) **PP-D 1909 E**	**PP-D 2509** (L 2.563) **PP-D 2509 E**	**PP-D 2909** (L 3.025) **PP-D 2909 E**
A1.470			**PP-D 1414** (L 1.998) **PP-D 1414 E**	**PP-D 1914** (L 2.370) **PP-D 1914 E**	**PP-D 2514** (L 2.778) **PP-D 2514 E**	**PP-D 2914** (L 3.209) **PP-D 2914 E**
A1.960				**PP-D 1919** (L 2.691) **PP-D 1919 E**	**PP-D 2519** (L 3.057) **PP-D 2519 E**	**PP-D 2919** (L 3.454) **PP-D 2919 E**
A2.450					**PP-D 2525** (L 3.384) **PP-D 2525 E**	**PP-D 2925** (L 3.746) **PP-D 2925 E**
A2.940						**PP-D 2929** (L 4.077) **PP-D 2929 E**



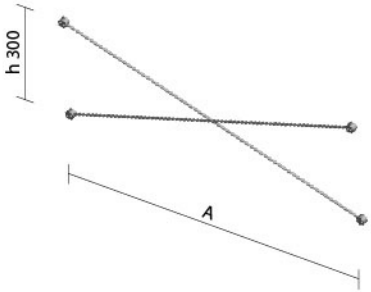


① PI-D 09

Truss center upright including screw, high-grade steel

② Truss diagonals

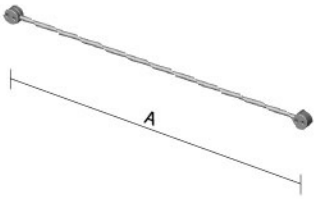
Consisting of two rods as a set including attachment pieces and screws, high-grade steel. E = Extra (supplementary) set



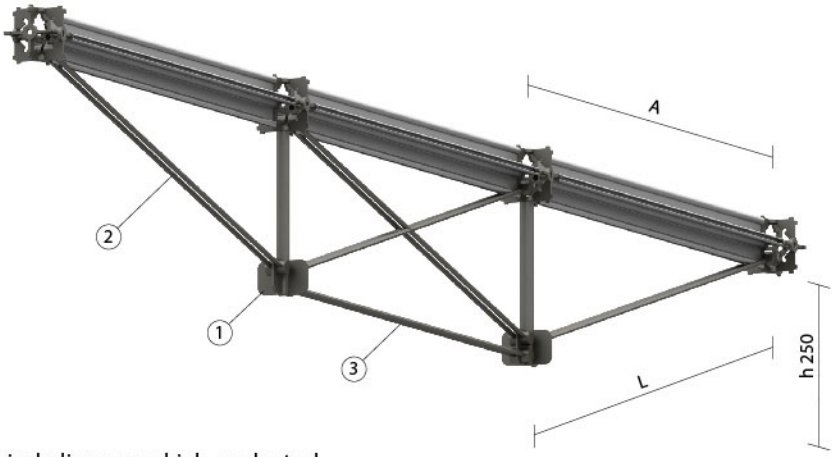
Achsmaß axis A 600	A 1.200	A 2.400	A 3.000	A 3.600
PI-DU 0603 (L 580) **PI-DU 0603 E**	**PI-DU 1203** (L 1.143) **PI-DU 1203 E**	**PI-DU 2403** (L 2.325) **PI-DU 2403 E**	**PI-DU 3003** (L 2.921) **PI-DU 3003 E**	**PI-DU 3603** (L 3.519) **PI-DU 3603 E**

③ Truss tension rod

1 element including attachment pieces and screws, high-grade steel. E = Extra (supplementary) set



A 600	A 1.200	A 2.400	A 3.000	A 3.600
PI-DU 060 (L 528) **PI-DU 060 E**	**PI-DU 120** (L 1.128) **PI-DU 120 E**	**PI-DU 240** (L 2.328) **PI-DU 240 E**	**PI-DU 300** (L 2.928) **PI-DU 300 E**	**PI-DU 360** (L 3.528) **PI-DU 360 E**



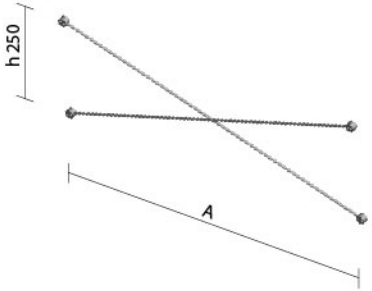
① PP-D 09

Truss center upright including screw, high-grade steel

② Truss diagonals

Consisting of two rods as a set including attachment pieces

and screws, high-grade steel. E = Extra (supplementary) set

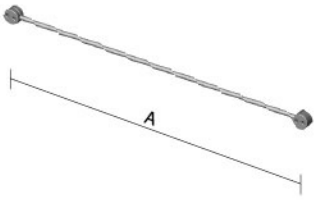


Achsmaß axis A490	A980	A1.470	A1.960	A2.450	A2.940
PP-DU 0402 (L 484) **PP-DU 0402 E**	**PP-DU 0902** (L 946) **PP-DU 0902 E**	**PP-DU 1402** (L 1.427) **PP-DU 1402 E**	**PP-DU 1902** (L 1.912) **PP-DU 1902 E**	**PP-DU 2502** (L 2.399) **PP-DU 2502 E**	**PP-DU 2902** (L 2.887) **PP-DU 2902 E**

③ Truss tension rod

1 element including attachment pieces and screws,

high-grade steel. E = Extra (supplementary) set



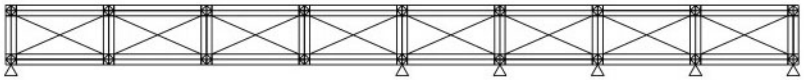
A490	A980	A1.470	A1.960	A2.450	A2.940
PP-DU 049 (L 428) **PP-DU 049 E**	**PP-DU 098** (L 918) **PP-DU 098 E**	**PP-DU 147** (L 1.408) **PP-DU 147 E**	**PP-DU 196** (L 1.898) **PP-DU 196 E**	**PP-DU 245** (L 2.388) **PP-DU 245 E**	**PP-DU 294** (L 2.878) **PP-DU 294 E**

Vertical dual diagonals (diagonal connectors plus extra set)

8.8 material quality

A_2 1.200

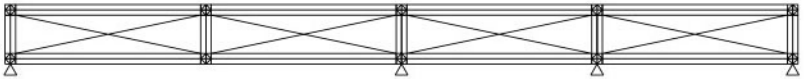
A_1 600



Achsen axis	4	5	6	7	8
zulässige Gesamtlast kg/lfm permissible overall load kg/m	187	120	83	61	47

A_2 2.400

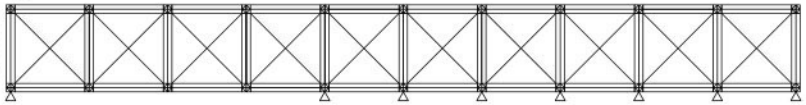
A_1 600



Achsen axis	2	3	4
zulässige Gesamt-last kg/lfm permissible overall load kg/m	117	78	46

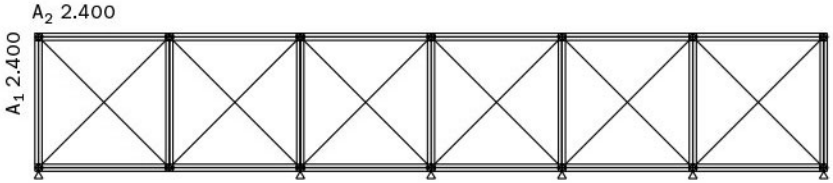
A_2 1.200

A_1 1.200



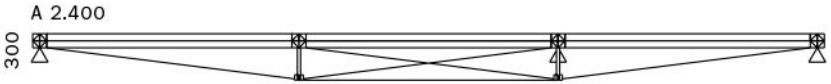
Achsen axis	4	5	6	7	8	9	10
zulässige Gesamtlast kg/lfm permissible overall load kg/m	341	240	167	122	94	74	60

Vertical dual diagonals (diagonal connectors plus extra set)
8.8 material quality

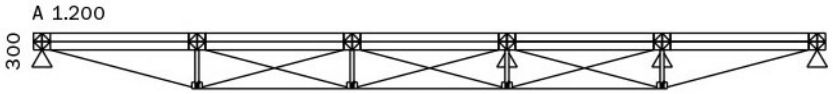


Achsen axis	2	3	4	5	6
zulässige Gesamtlast permissible overall load kg/m	341	228	171	120	83

Vertical dual diagonals (trussing diagonals plus extra set, trussing tension rod plus supplement piece)
8.8 material quality



Achsen axis	2	3
zulässige Gesamtlast kg/lfm permissible overall load kg/m	60	40



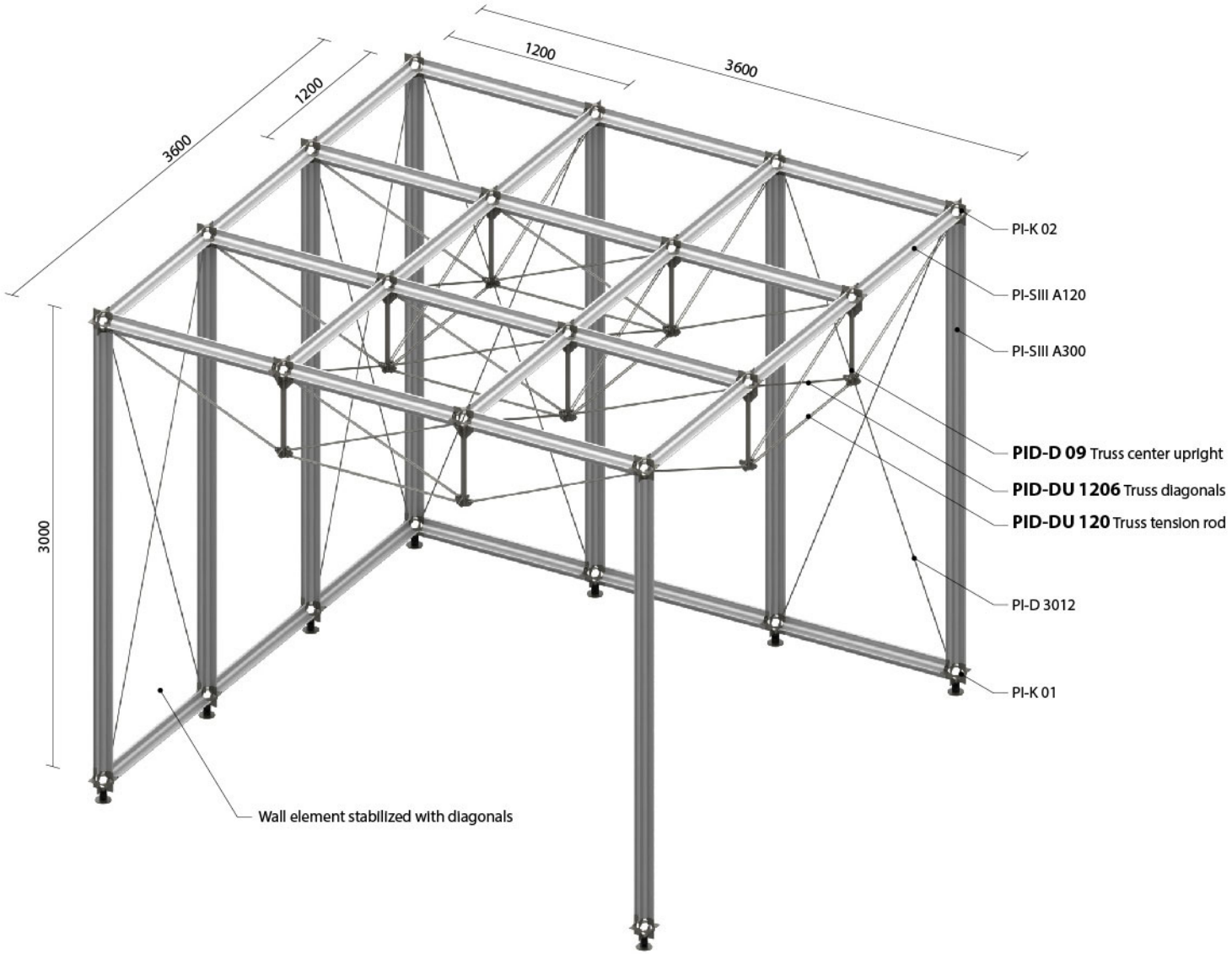
Achsen axis	3	4	5
zulässige Gesamtlast kg/lfm permissible overall load kg/m	156	94	60

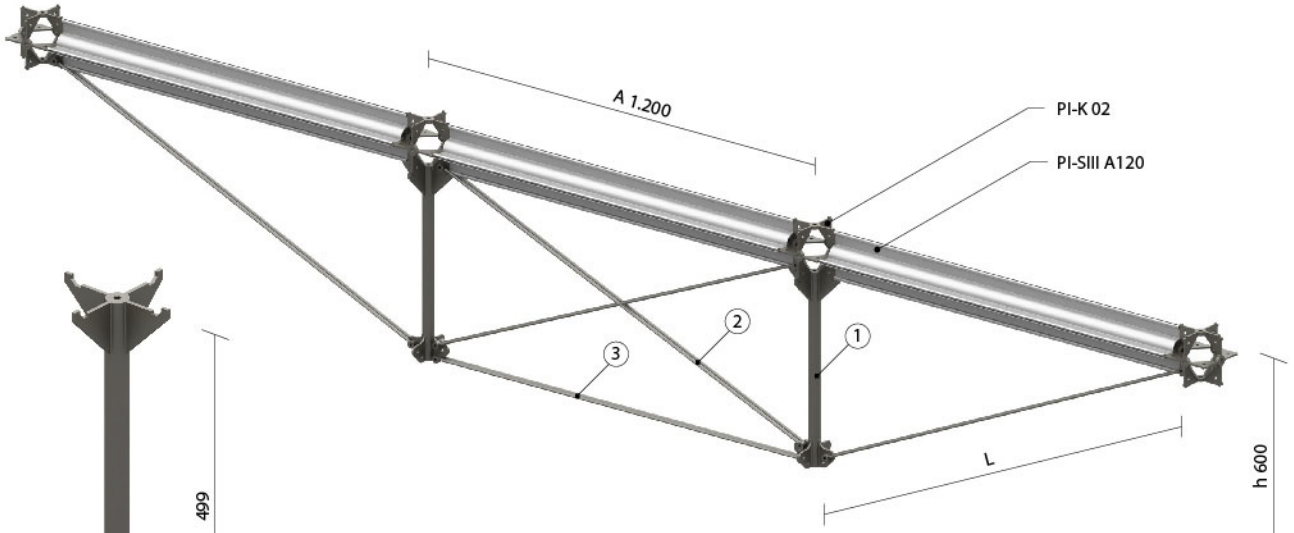
PILA Doppelstock

Double storey module A 3.600 x A 3.600 made of 9 segments A 1.200 x A 1.200.

The center is column free because of beams with underpinnings having a special height of 600mm.

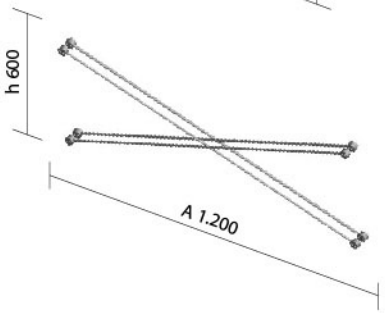
Additionally you need wall elements to fix the horizontal power.





① **PID-D 09**

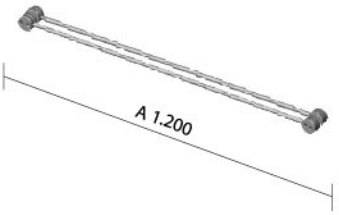
Truss center upright including screw, high-grade steel



② **PID-DU 1206** (L-1.190mm)

Truss diagonals consisting of two double rods as a set

including attachment pieces and screws, high-grade steel.



③ **PID-DU 120** (L-1.126mm)

Truss tension rod of 1 double element

including attachment pieces and screws, high-grade steel.

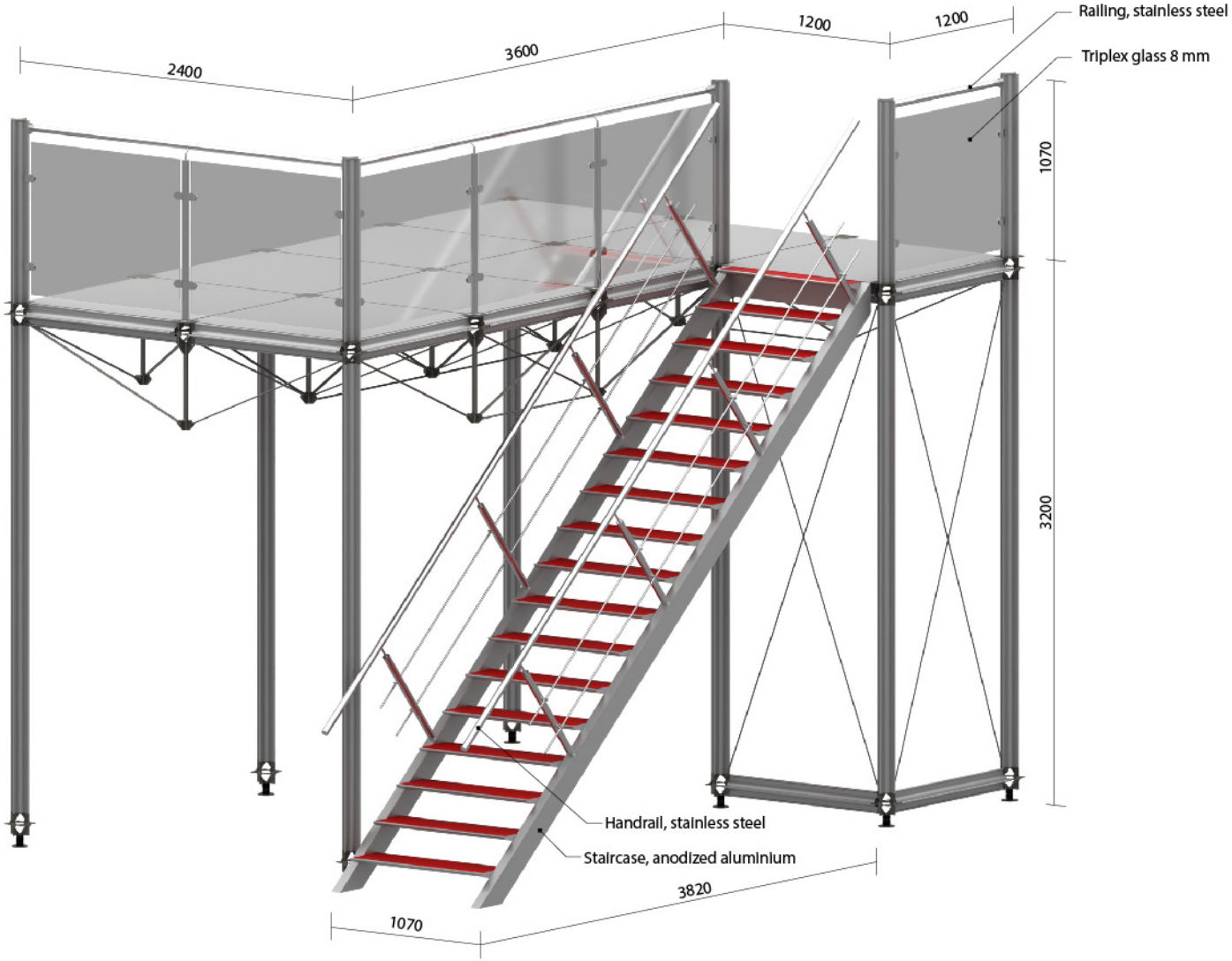
PILA Doppelstock

Beginning with a module A 3.600 x 3.600 you can build the different sizes of a stand in addition with module A 2.400 or profiles of A 1.200.

The staircase is made of anodized aluminium with stainless steel hand rails.

The railings are able to close distances up to A 3.600.

The triplex glass protects people from falling down.

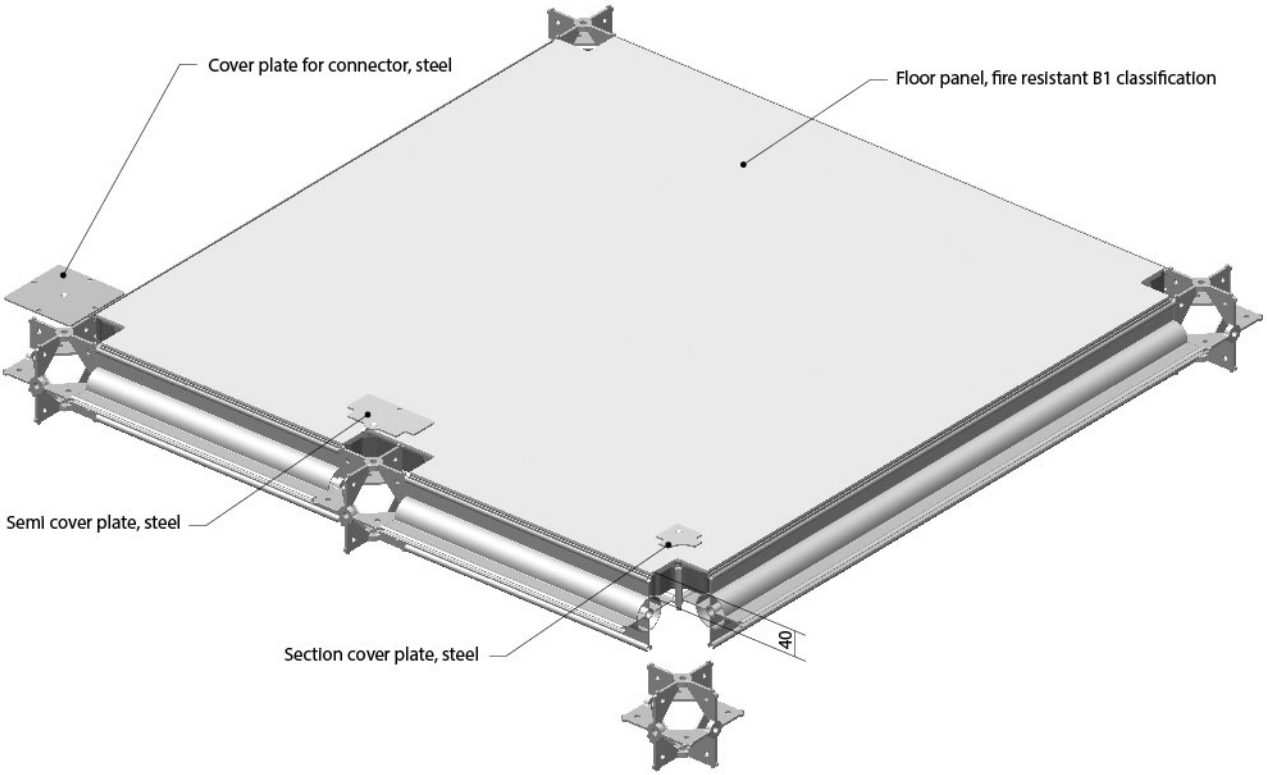


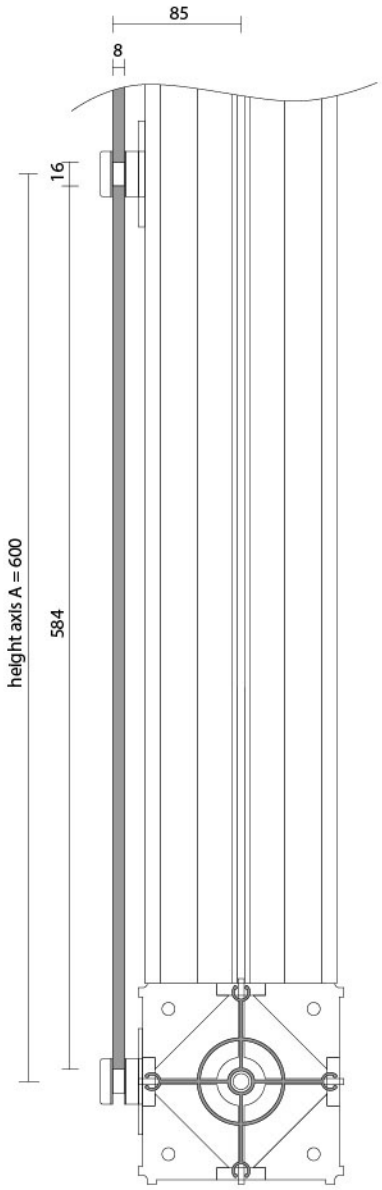
The floor panels of the double storey are classified as B1, fire resistant.

For covering we offer a wide range of materials like laminate, linoleum or carpet.

The panels are integrated into the system grid.

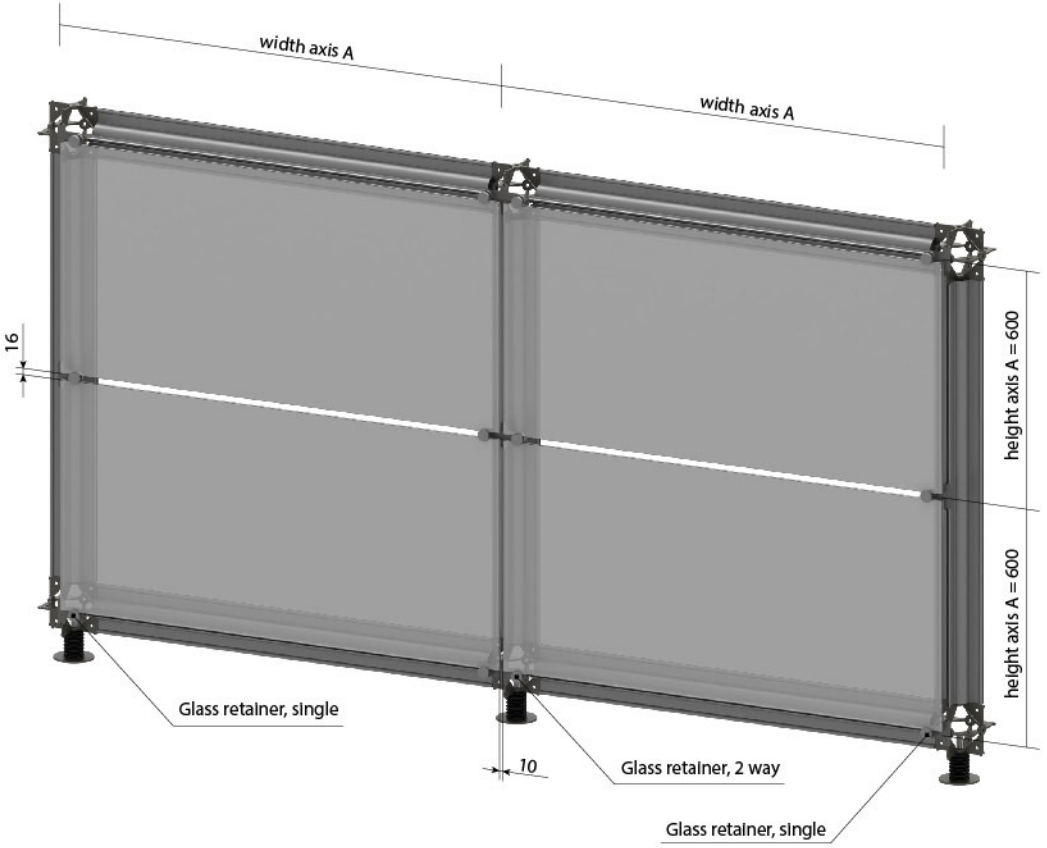
The cover plates are concisely screwed into the connectors and help the panels to stay in their place plus hiding the open parts of the connector.

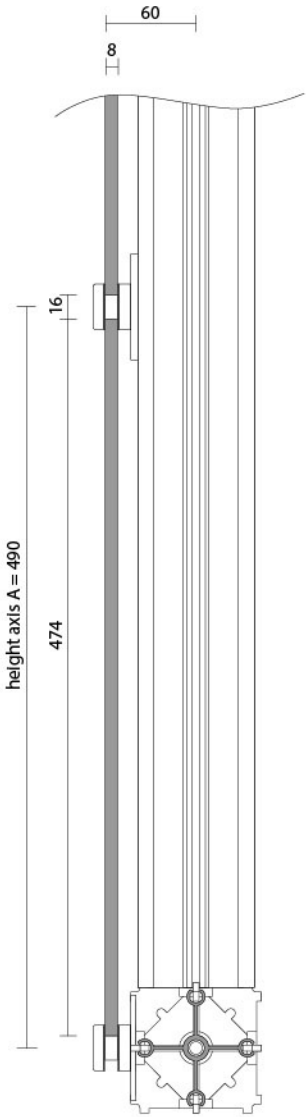




Triplex glass panels with thickness of 8mm:

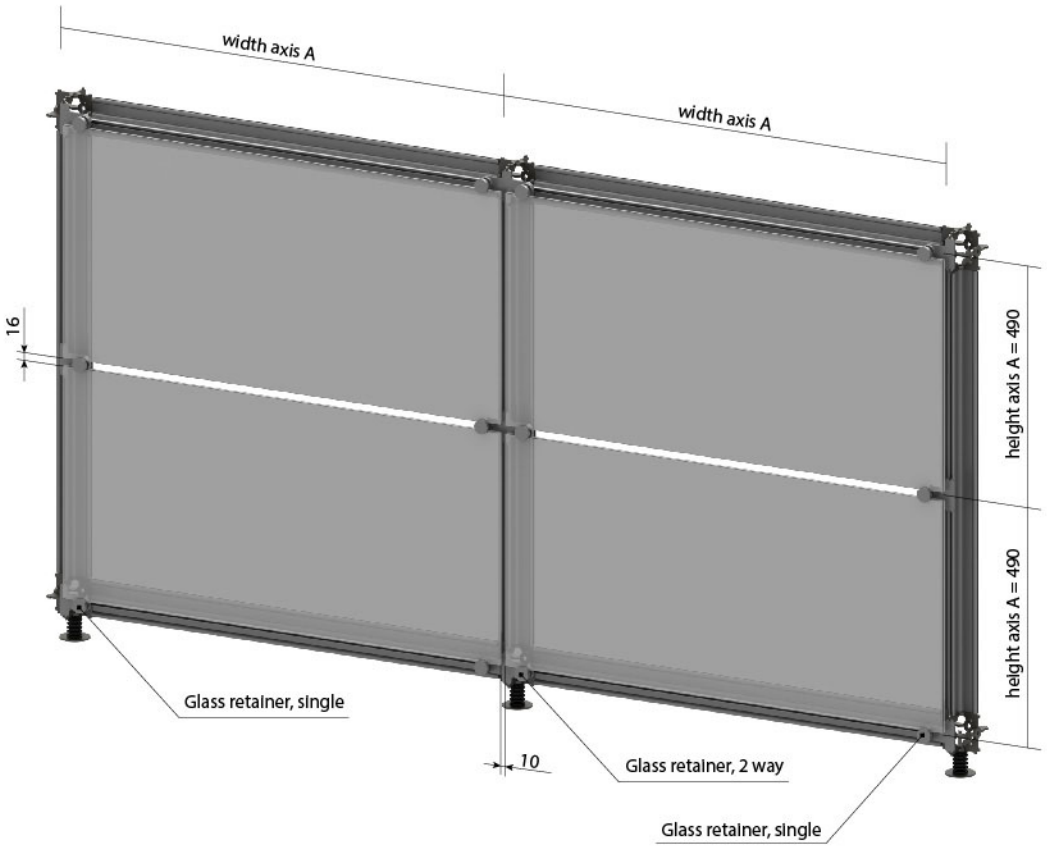
widht axis:	size H x W mm:
A 600	584 x 590
A1.200	584 x 1190
A1.800	584 x 1790
A2.400	584 x 2390



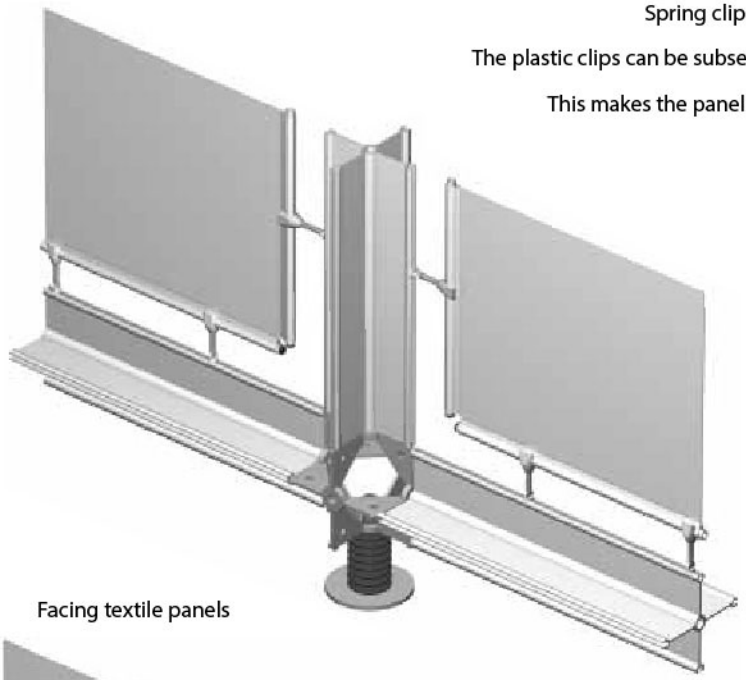


Triplex glass panels with thickness of 8mm:

widht axis:	size H x W mm:
A 490	474 x 480
A 980	474 x 970
A 1.960	474 x 1950
A 2.450	474 x 2440



Internal textile panels

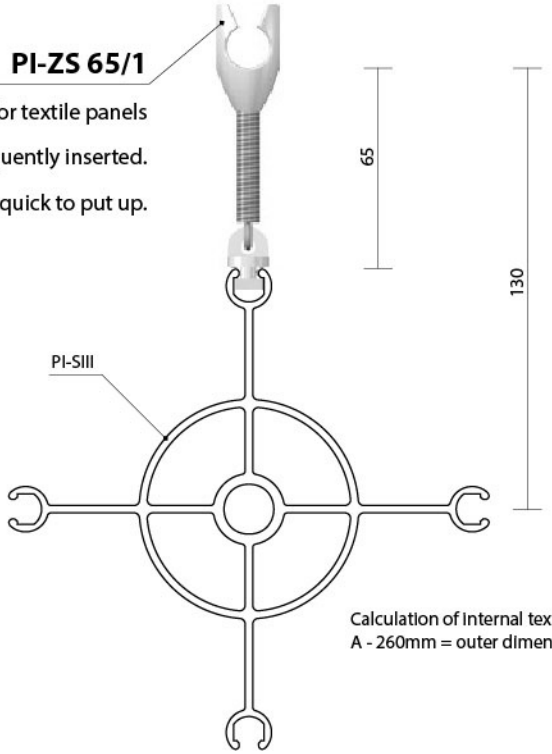


PI-ZS 65/1

Spring clip for textile panels

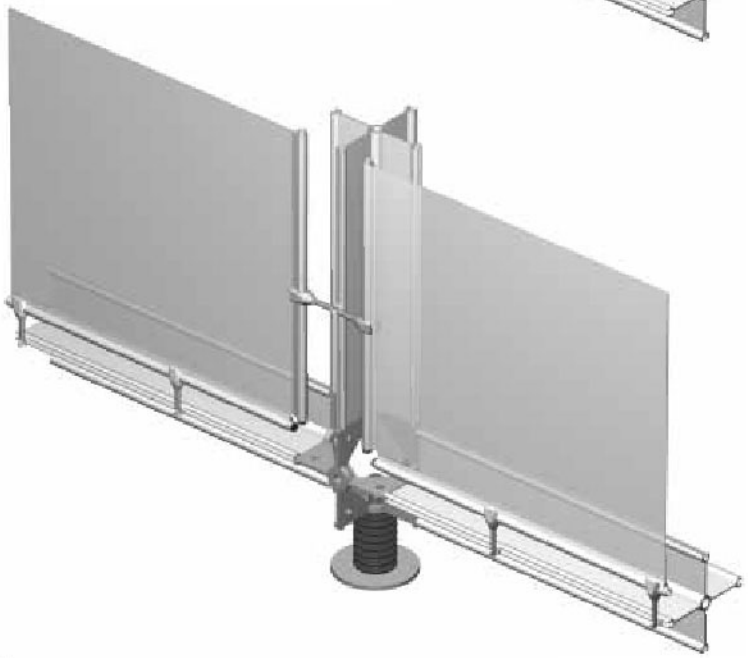
The plastic clips can be subsequently inserted.

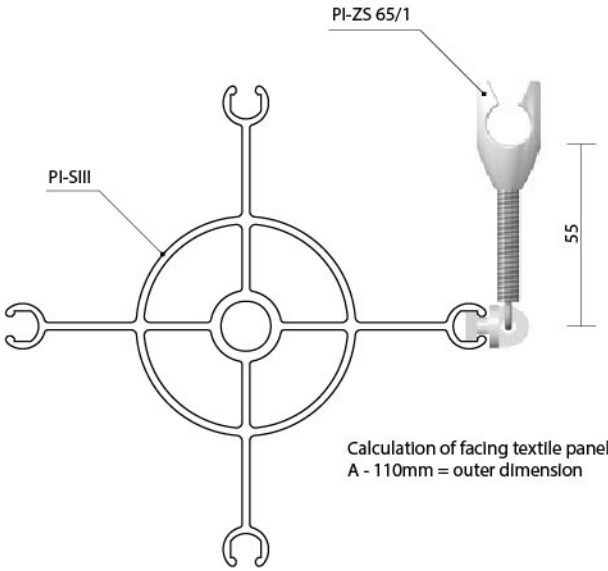
This makes the panels quick to put up.



Calculation of internal textile panels:
A - 260mm = outer dimension

Facing textile panels

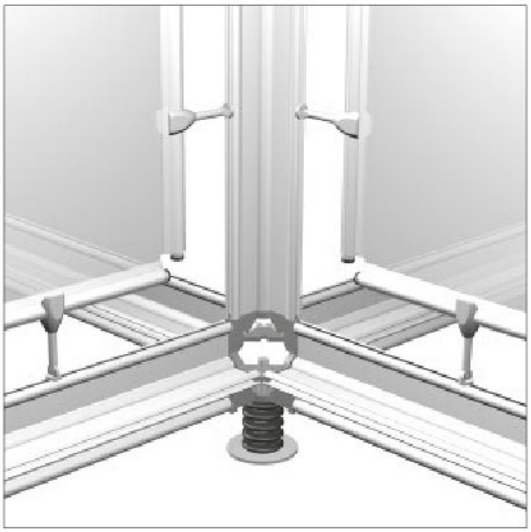


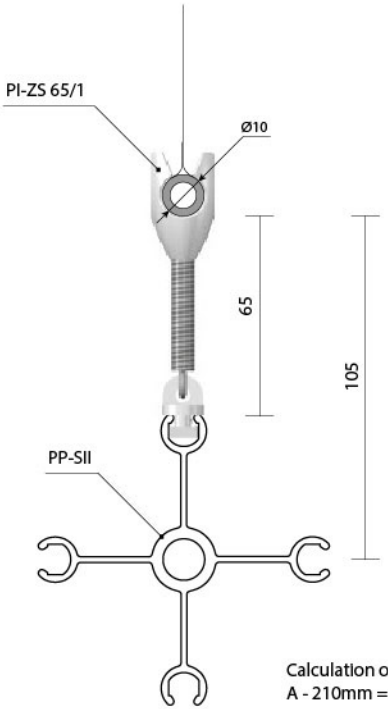


Calculation of facing textile panels:
A - 110mm = outer dimension

PILA Petite Textile panels

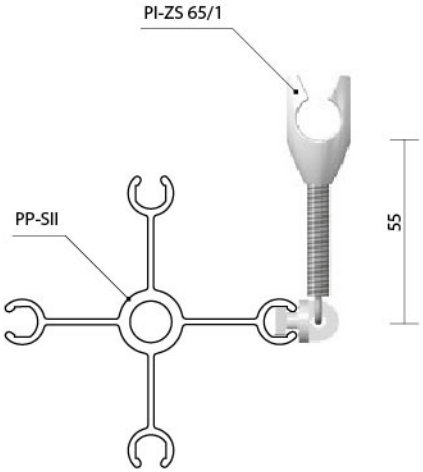
Internal textile panels





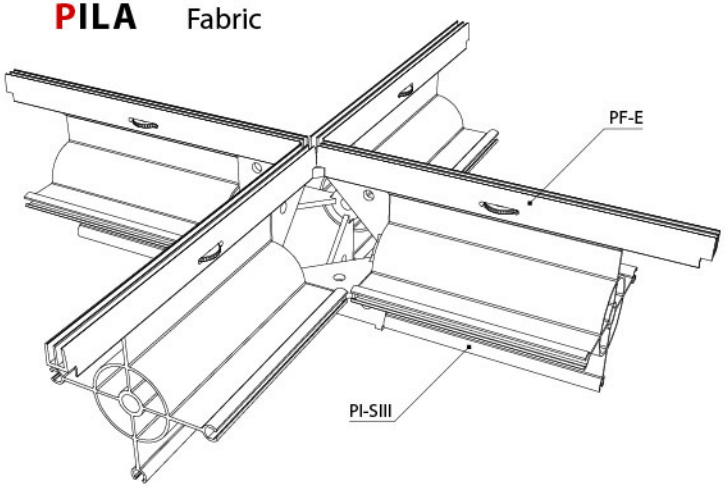
Calculation of internal textile panels:
A - 210mm = outer dimension

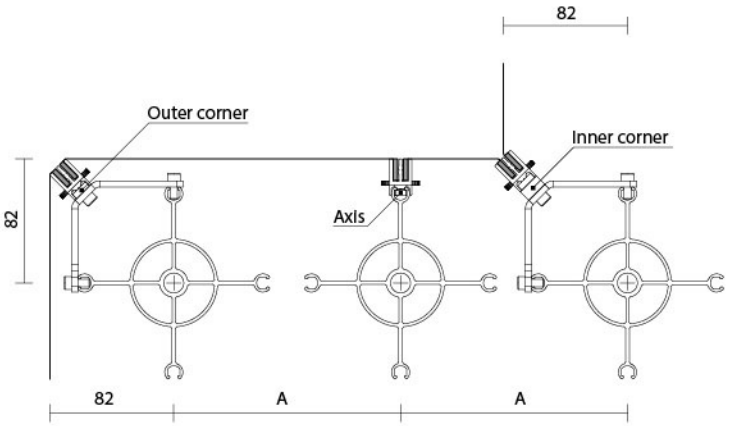
Facing textile panels



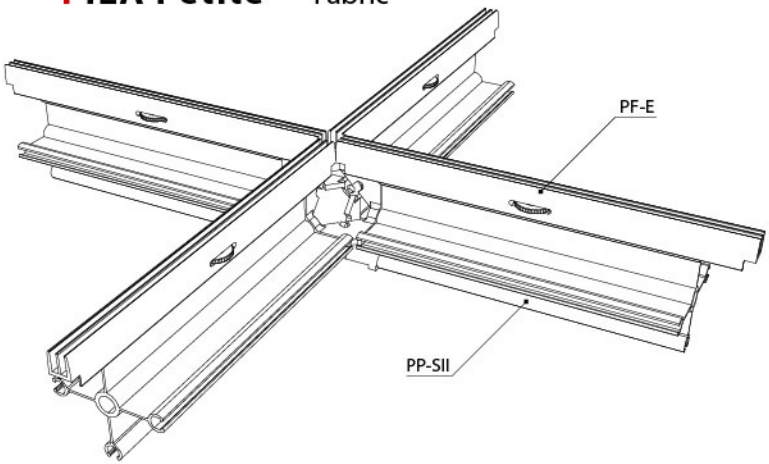
Calculation of facing textile panels:
A - 110mm = outer dimension

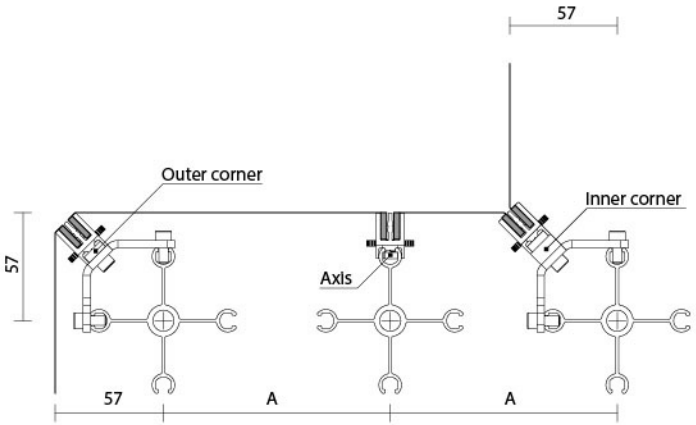
PILA Fabric





PILA Petite Fabric





studio dega

Exhibition Interior Architecture

198255, Russia, Saint-Petersburg,
Leni Golikova street, 82.
+7 (812) 240-11-17
spb@studiodega.ru

www.studiodega.ru