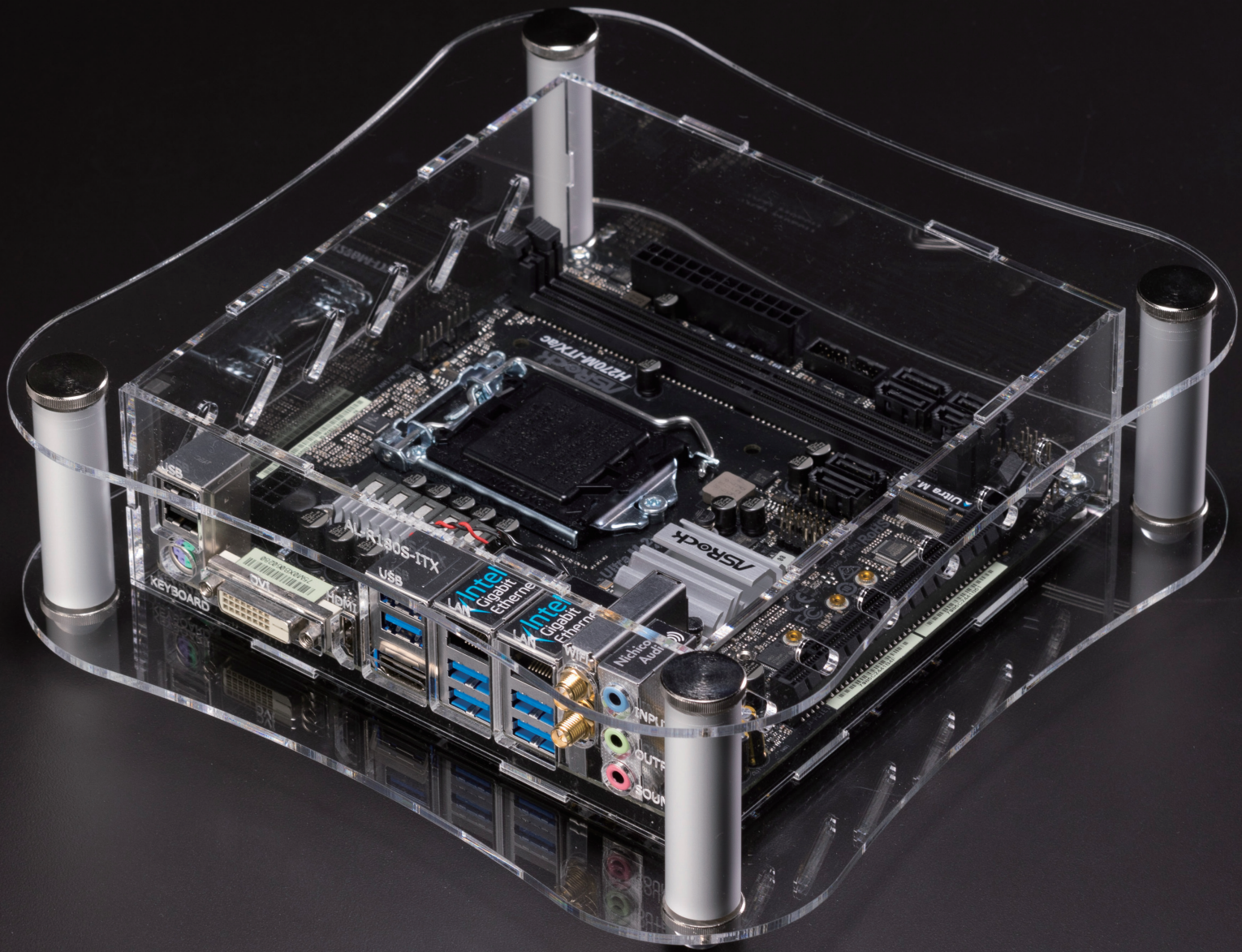


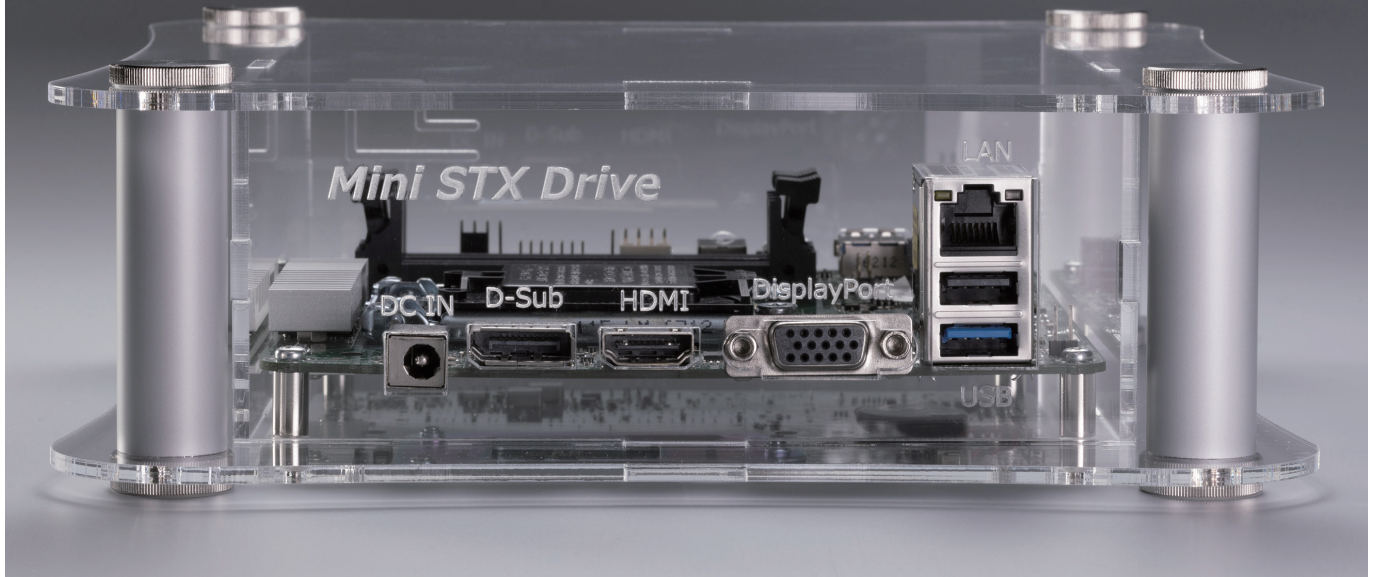
TAKACHI

SHOW IT THROUGH SKELETON CASE

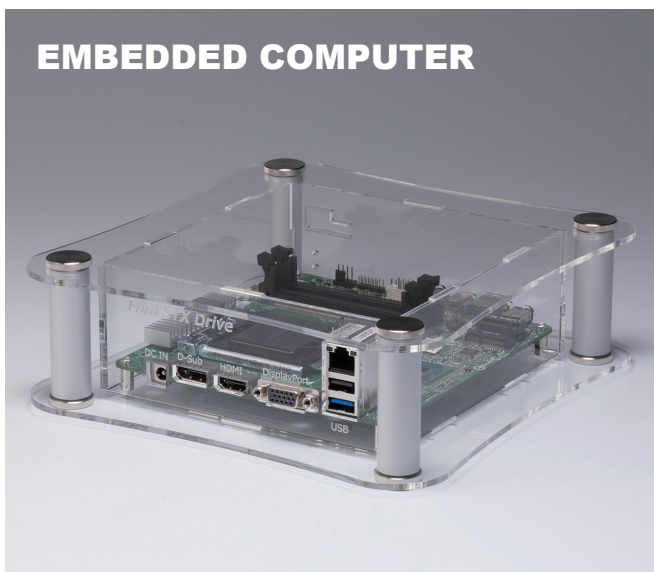


CASE BOX RACK & CUSTOM
TAKACHI ELECTRONICS ENCLOSURE CO., LTD.

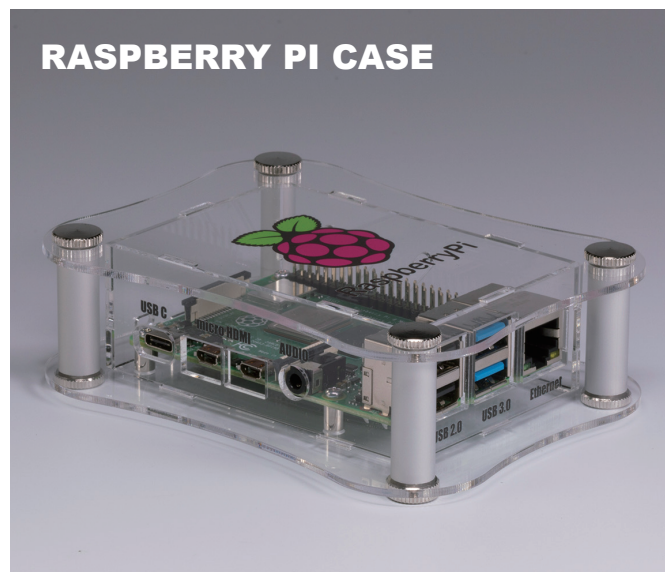
Show inside for visual appeal with our transparent case.



EMBEDDED COMPUTER



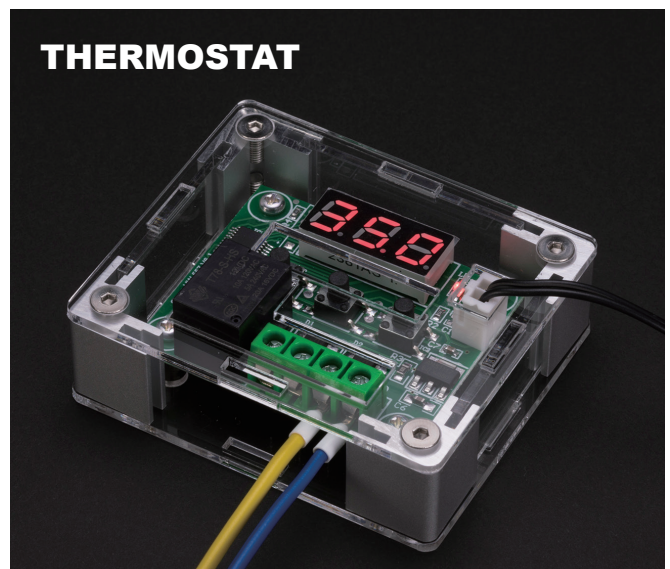
RASPBERRY PI CASE



DISPLAY CASE



THERMOSTAT



CUSTOMIZATION POSSIBILITIES

Inkjet Printing • Engraving

Print your logo, letters via inkjet printing with low initial cost from just 1 piece.

Engraving is also possible!



Developed Idea by using acrylic panels

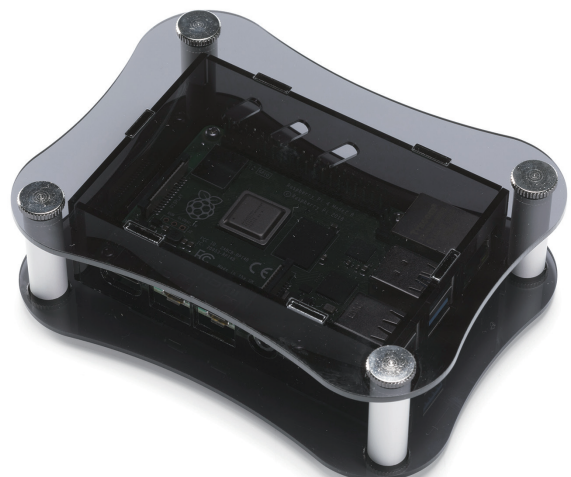
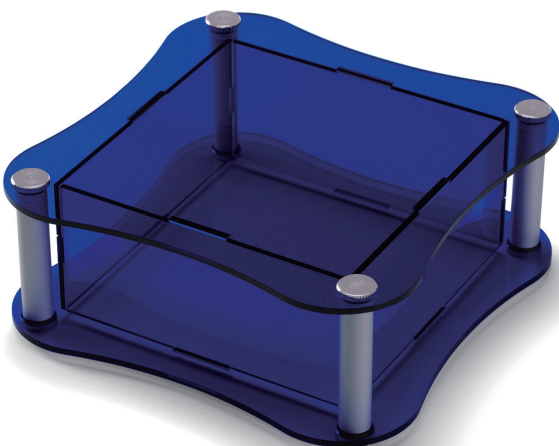
Aluminium panels can be exchanged for an acrylic panel for display of internal components. Perfect for use as showcase models or product demonstrations. (Example: FC series)

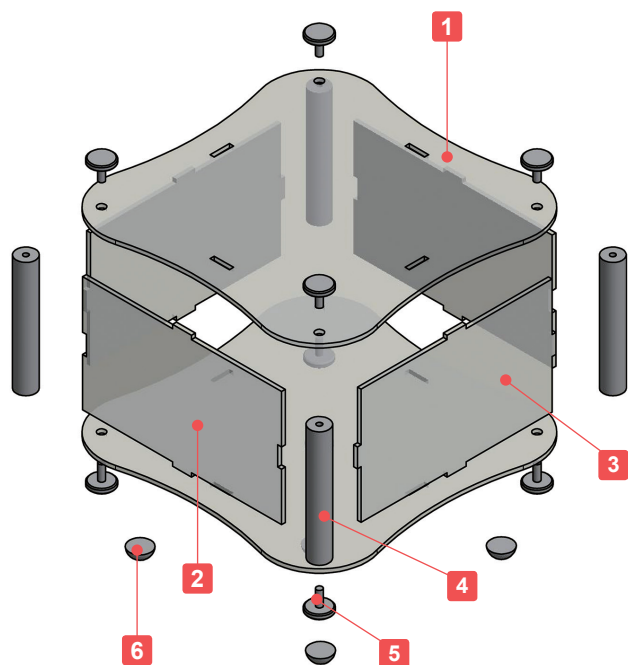
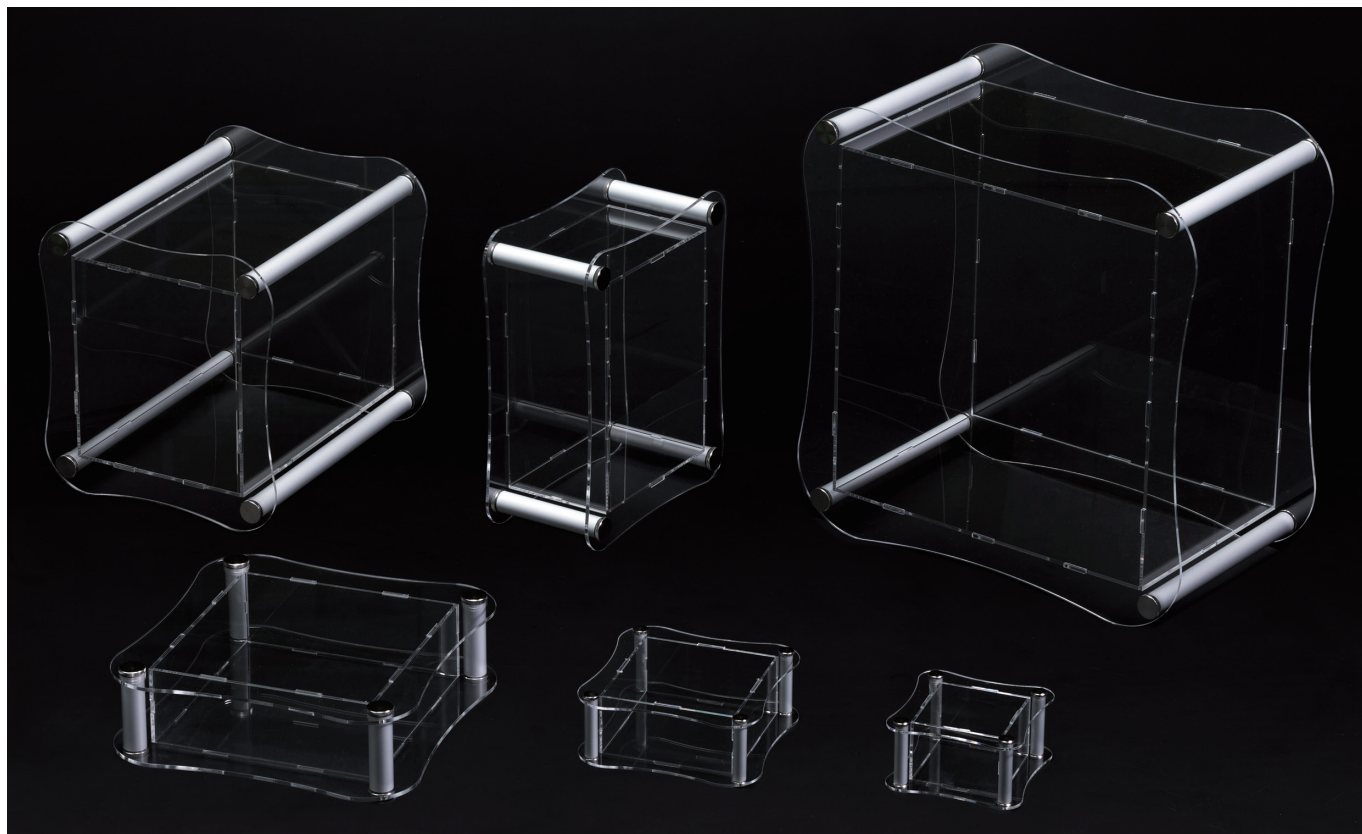
Used as a visually appealing decorative front panel placing on a standard aluminium panel. (Example: AWA series)



COLOR VARIATION

Available in different color types, as well as smoked / tinted shades.





- Adjustable sizes available in 1mm intervals, with W and D dimensions from 50 ~ 500mm, and H dimensions from 30 ~ 500mm.
- Rubber feet can be provided if required in S (Φ11.2mm) or L (Φ15.7mm) sizes.
- Knurled thumb screws for easy hand assembly.

※ Ethanol or other alcoholic solvents may cause the acrylic panel to crack.
Use a neutral cleaner or specialized acrylic cleaning solvent for cleaning.

■ Caution

- On larger sized cases, the top cover may come loose if the middle part is held without support.



Components

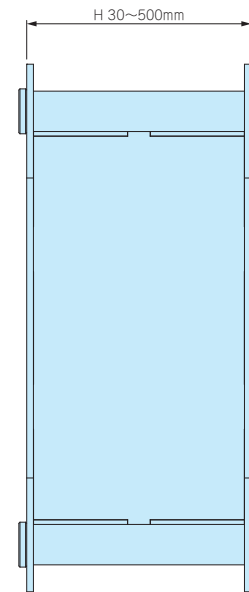
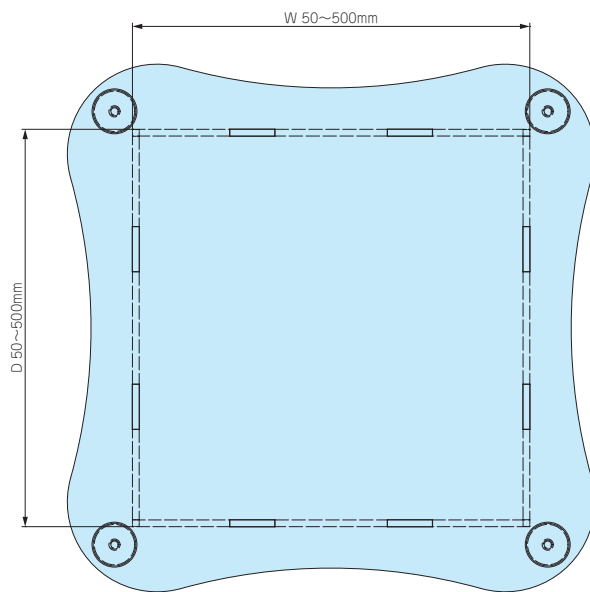
No.	Part name	Pcs	Material	Color / Finish
1	Top · Bottom cover	1 each	Acrylic	Transparent
2	W panel	2	Acrylic	Transparent
3	D panel	2	Acrylic	Transparent
4	Pillar	4	Extruded aluminium A6063S-T5	Silver anodized
5	Knurled thumb screw	8	Brass	Nickel plated
6	Rubber feet	0 or 5	Polyurethane	Transparent

1 Specify Dimensions

Specify dimensions in 1mm intervals.

※Specify rectangular case dimensions, not external dimensions.

Include panel thickness in H dimension.



■ Panel thickness, knurled thumb screw sizes, and pillar types vary by W / D dimensions.

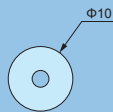
[S10] Type

Dimension : refer to chart

Panel thickness : $t = 2.0\text{mm}$

Knurled thumb screw size : M3

Pillar : $\Phi 10.0$ (external diameter)



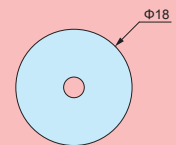
[S18] Type

Dimension : refer to chart

Panel thickness : $t = 3.0\text{mm}$

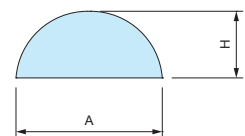
Knurled thumb screw size : M4

Pillar : $\Phi 18.0$ (external diameter)



2 Select Rubber Feet

Code	A	H	Pack of
N (None)	—	—	—
S	11.2	5.1	5
L	15.7	7.9	5



Confirm Product No.

Confirm an assigned product number in the following order format as below.

Product no. SKLF - -
W H D S10 or S18 Rubber feet

Example : W = 250 mm, H = 150 mm, D = 300 mm with L type rubber feet.

SKLF 250 - 150 - 300 S18 L

Order Inquiry

For more information, contact us here at sales@takachi-el.co.jp

SKLF Type Chart

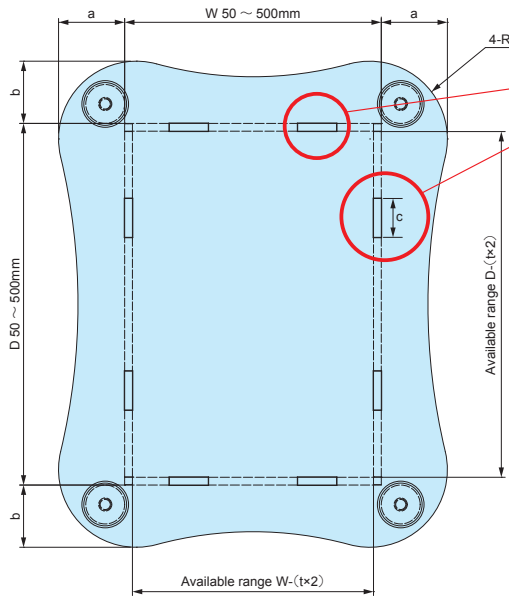
Refer to the below chart for S10 or S18 type selection by W & D dimensions.

[S10] type : t = 2.0mm · M3 screw · Φ10.0 pillar

[S18] type : t = 3.0mm · M4 screw · Φ18.0 pillar

W	H \ D	50~100	101~150	151~200	201~250	251~300	301~350	351~400	401~450	451~500
50~100	30~100									
	101~200									
	201~300									
	301~400									
	401~500	[S10] type								
101~150	30~100									
	101~200									
	201~300									
	301~400									
	401~500									
151~200	30~100									
	101~200									
	201~300									
	301~400									
	401~500									
201~250	30~100									
	101~200									
	201~300									
	301~400									
	401~500									
251~300	30~100									
	101~200									
	201~300									
	301~400									
	401~500									
301~350	30~100									
	101~200									
	201~300									
	301~400									
	401~500									
351~400	30~100									
	101~200									
	201~300									
	301~400									
	401~500									
401~450	30~100									
	101~200									
	201~300									
	301~400									
	401~500									
451~500	30~100									
	101~200									
	201~300									
	301~400									
	401~500									

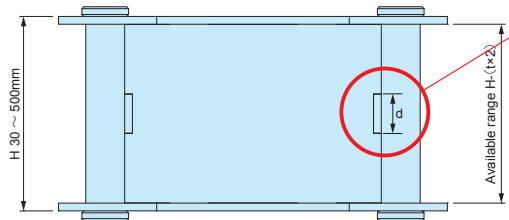
SKLF dimensions



Number of joints vary by specified W / D dimensions.
Refer to the below chart for more information.

W dimension	Joints (one side)	D dimension	Joints (one side)
50~150	1	50~150	1
151~200	2	151~200	2
201~300	3	201~300	3
301~400	4	301~400	4
401~500	5	401~500	5

Joint c dimension = 20.0mm

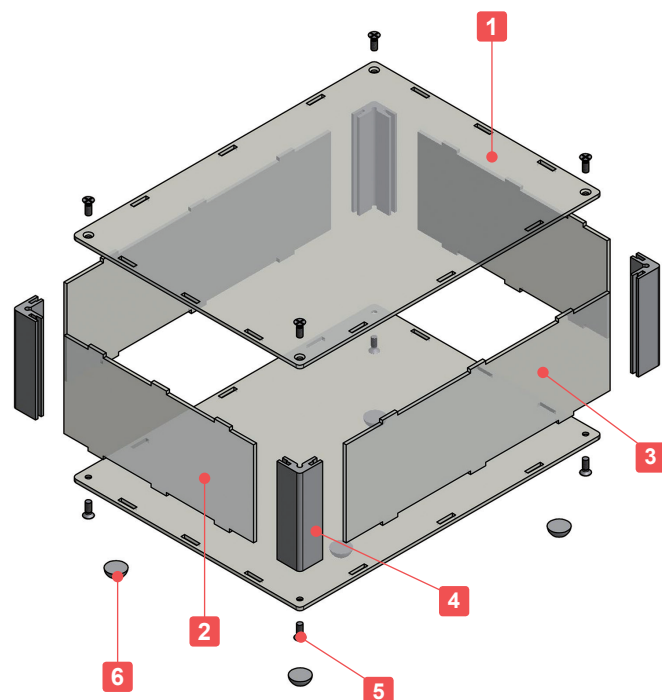
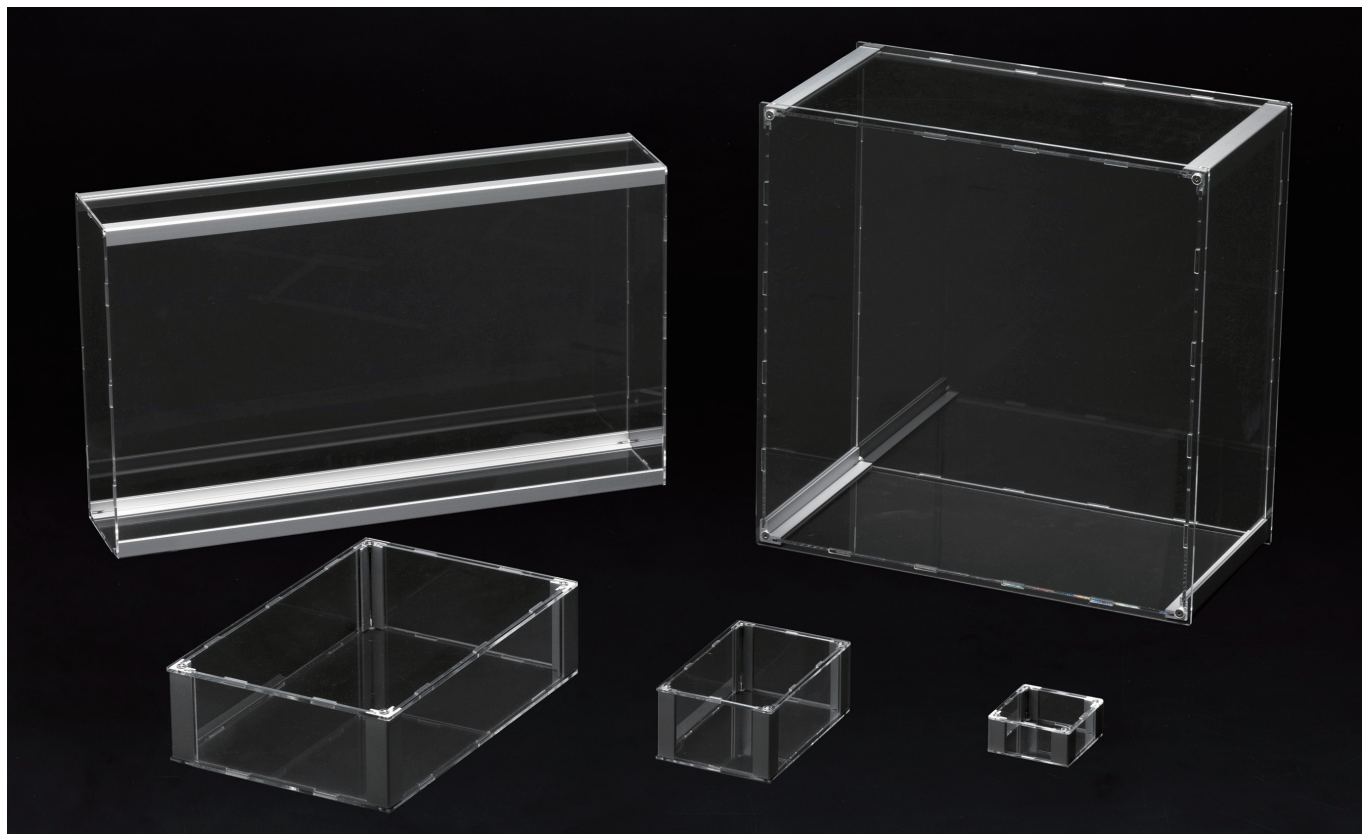


Number of joints vary by specified H dimensions.
Refer to the below chart for more information.

H dimension	Joint d dimension	Joints (one side)
30~100	10mm	1
101~200	20mm	1
201~300	20mm	2
301~400	20mm	3
401~500	20mm	4

D dimension	50~100			101~150			151~200			201~250			251~300		
	a	b	R	a	b	R	a	b	R	a	b	R	a	b	R
50~100	17	17	15	17	17	15	29	28	15	29	28	15	30	28	15
101~150	17	17	15	18	18	25	29	29	25	30	29	25	30	29	25
151~200	28	29	15	29	29	25	31	31	40	31	31	40	32	31	40
201~250	28	29	15	29	30	25	31	31	40	33	33	50	33	33	50
251~300	28	30	15	29	30	25	31	32	40	33	33	50	35	35	60
301~350	35	37	15	36	38	25	38	39	40	40	41	50	42	42	60
351~400	35	38	15	36	38	25	38	40	40	40	41	50	42	43	60
401~450	35	38	15	36	39	25	38	40	40	40	42	50	42	43	60
451~500	35	39	15	36	39	25	38	41	40	40	42	50	42	44	60

D dimension	301~350			351~400			401~450			451~500		
	a	b	R	a	b	R	a	b	R	a	b	R
50~100	37	35	15	38	35	15	38	35	15	39	35	15
101~150	38	36	25	38	36	25	39	36	25	39	36	25
151~200	39	38	40	40	38	40	40	38	40	41	38	40
201~250	41	40	50	41	40	50	42	40	50	42	40	50
251~300	42	42	60	43	42	60	43	42	60	44	42	60
301~350	44	44	70	44	44	70	45	44	70	45	44	70
351~400	44	44	70	46	46	80	46	46	80	47	46	80
401~450	44	45	70	46	46	80	48	48	90	48	48	90
451~500	44	45	70	46	47	80	48	48	90	50	50	100



■ Extruded aluminium corner pillars enables the structure to be rigid when screwed.

■ Adjustable sizes available in 1mm intervals, with W and D dimensions from 50 ~ 500mm, and H dimensions from 30 ~ 500mm.

■ Rubber feet can be provided if required in S (Φ11.2mm) or L (Φ15.7mm) sizes.

※ Ethanol or other alcoholic solvents may cause the acrylic panel to crack. Use a neutral cleaner or specialized acrylic cleaning solvent for cleaning.

■ Caution

· On larger sized cases, the top cover may come loose if the middle part is held without support.



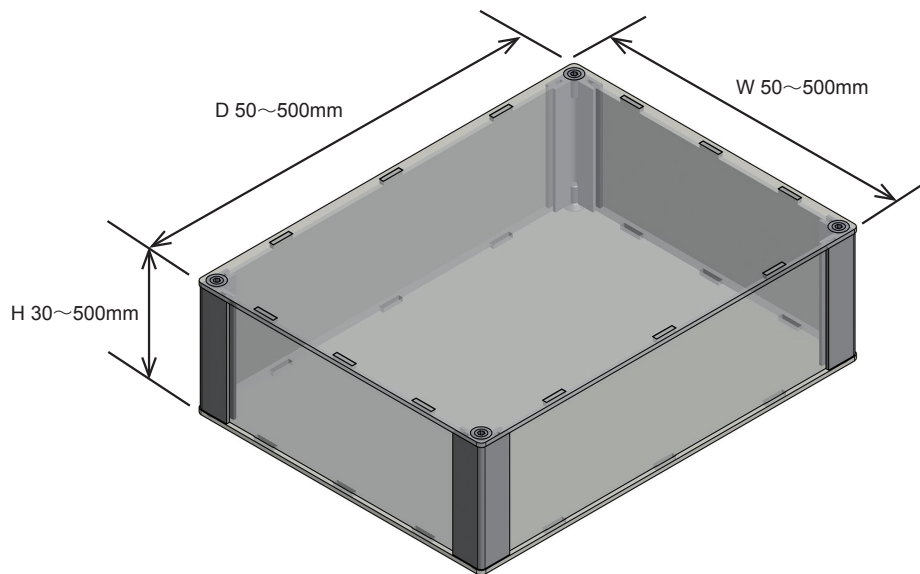
Components

No.	Part name	Pcs	Material	Color / Finish
1	Top - Bottom cover	1 each	Acrylic	Transparent
2	W panel	2	Acrylic	Transparent
3	D panel	2	Acrylic	Transparent
4	Pillar	4	Extruded aluminium A6063S-T5	Silver anodized
5	Screw (Hexagonal countersunk - M3 or M4)	8	Stainless steel	Unfinished
6	Rubber feet	0 or 5	Polyurethane	Transparent

■ Hexagonal wrench included.

1 Specify Dimensions

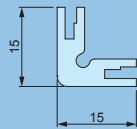
Specify dimensions in 1mm intervals.



- Panel thickness, screw sizes, and pillar types vary by W / D dimensions.

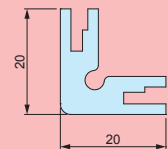
[K15] Type

Dimension : refer to chart
 Panel thickness : $t = 2.0\text{mm}$
 Screw size : M3
 Pillar : 15 x 15mm



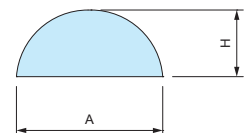
[K20] Type

Dimension : refer to chart
 Panel thickness : $t = 3.0\text{mm}$
 Screw size : M4
 Pillar : 20 x 20mm



2 Select Rubber Feet

Code	A	H	Pack of
N (None)	—	—	—
S	11.2	5.1	5
L	15.7	7.9	5



Confirm Product No.

Confirm an assigned product number in the following order format as below.

Product no. SKSF **W** - **H** - **D** **K15 or K20** **Rubber feet**

Example : W = 100 mm, H = 50 mm, D = 135 mm with S type rubber feet.

SKSF 100 - 50 - 135 K15 S

Order Inquiry

For more information, contact us here at sales@takachi-el.co.jp

SKSF Type Chart

Refer to the below chart for K15 or K20 type selection by W & D dimensions.

[K15] Type : t = 2.0mm · M3 screw · 15 x 15 pillar

[K20] Type : t = 3.0mm · M4 screw · 20 x 20 pillar

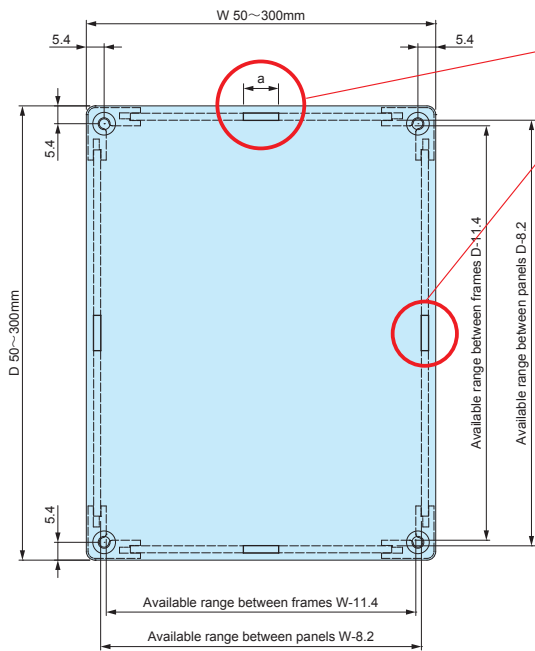
W	H	D	50~100	101~150	151~200	201~250	251~300	301~350	351~400	401~450	451~500
50~100	30~100										
	101~200										
	201~300										
	301~400										
	401~500										
101~150	30~100										
	101~200										
	201~300										
	301~400										
	401~500										
151~200	30~100										
	101~200										
	201~300										
	301~400										
	401~500										
201~250	30~100										
	101~200										
	201~300										
	301~400										
	401~500										
251~300	30~100										
	101~200										
	201~300										
	301~400										
	401~500										
301~350	30~100										
	101~200										
	201~300										
	301~400										
	401~500										
351~400	30~100										
	101~200										
	201~300										
	301~400										
	401~500										
401~450	30~100										
	101~200										
	201~300										
	301~400										
	401~500										
451~500	30~100										
	101~200										
	201~300										
	301~400										
	401~500										

[K15] type

[K20] type

SKSF dimensions

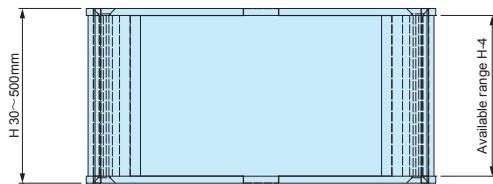
[K15] type : t = 2.0 mm : Screw size : M3 : Pillar : 15 x 15 mm



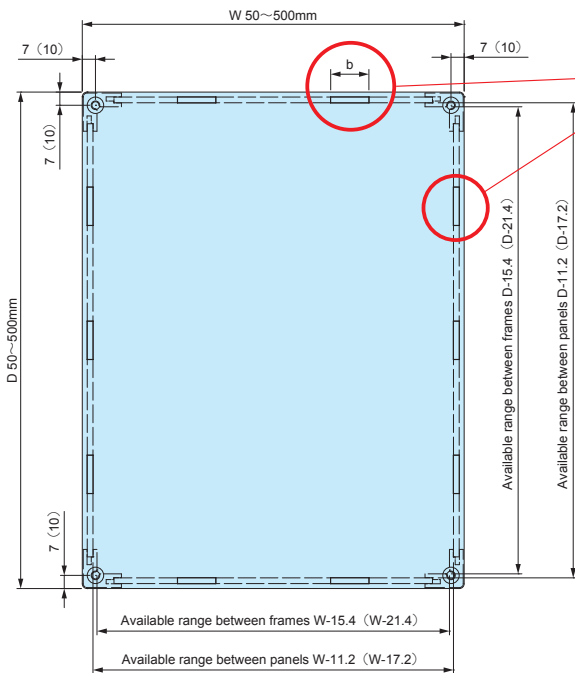
Number of joints vary by specified W / D dimensions.
Refer to the below chart for more information.

W dimension	Joint a dimension	Number of Joints (one side)
50~100	10mm	1
101~150	20mm	1
151~200	20mm	2
201~300	20mm	3

D dimension	Joint a dimension	Number of Joints (one side)
50~100	10mm	1
101~150	20mm	1
151~200	20mm	2
201~300	20mm	3



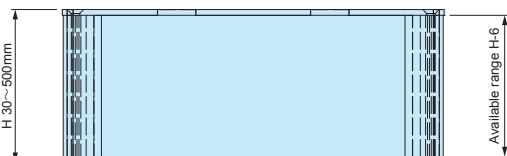
[K20] type : t = 3.0 mm : Screw size : M4 : Pillar : 20 x 20 mm



Number of joints vary by specified W / D dimensions.
Refer to the below chart for more information.

W dimension	Joint b dimension	Number of Joints (one side)
50~100	10mm	1
101~150	20mm	1
151~200	20mm	2
201~300	20mm	3
301~400	20mm	4
401~500	20mm	5

D dimension	Joint b dimension	Number of Joints (one side)
50~100	10mm	1
101~150	20mm	1
151~200	20mm	2
201~300	20mm	3
301~400	20mm	4
401~500	20mm	5



※ Available range values within () is applicable if D / W dimension is 301mm or larger.

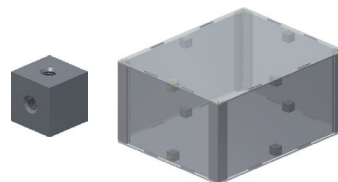
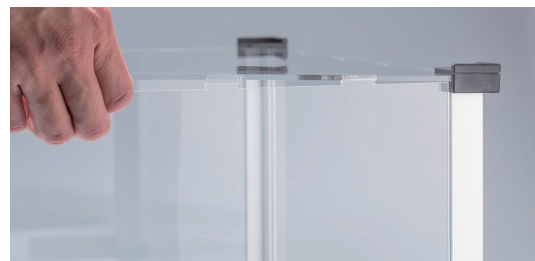
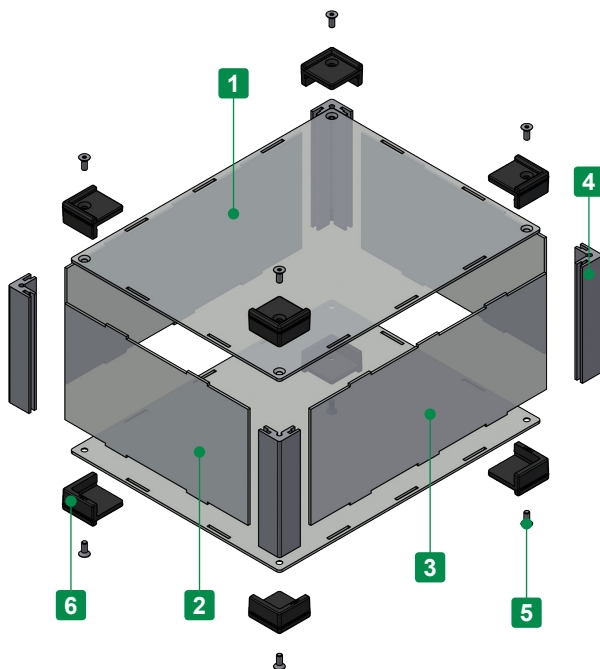


- Rugged design acrylic case with TPE (Elastomer) corner guards.
- Adjustable sizes available in 1mm intervals, with W and D dimensions from 55 ~ 500mm, and H dimension from 30 ~ 500mm.
- Extruded aluminium corner pillars enables the structure to be rigid when screwed.

※Ethanol or other alcoholic solvents may cause the acrylic panel to crack.
Use a neutral cleaner or specialized acrylic cleaning solvent for cleaning.

■ Caution

- On larger sized boxes, the top cover may come loose if the middle part is held without support.



To prevent rattles and also to make more rigid construct, CUBE spacer is available as option.
See page 120 for more details.

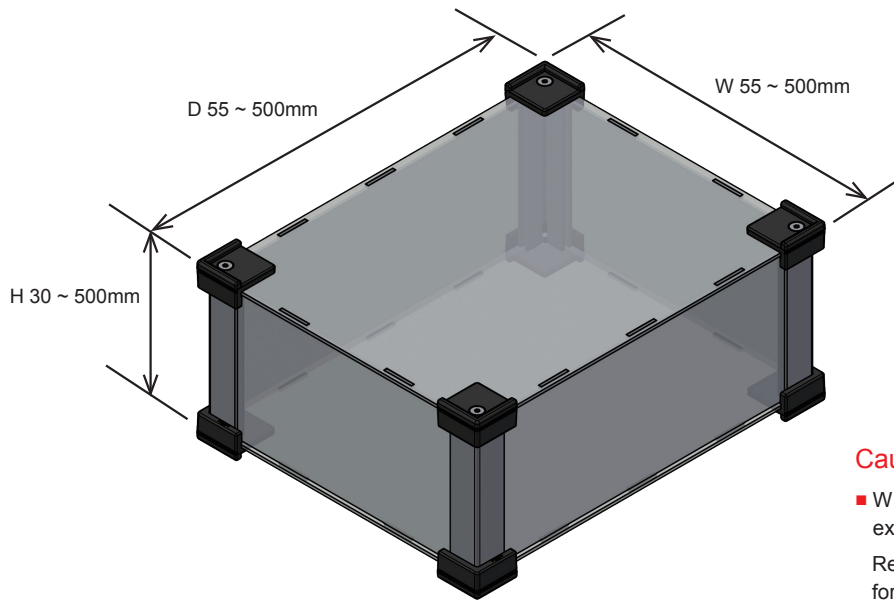
Components

No.	Part name	Pcs	Material	Color / Finish
1	Top • Bottom cover	1 each	Acrylic	Transparent
2	W panel	2	Acrylic	Transparent
3	D panel	2	Acrylic	Transparent
4	Extruded pillar	4	Extruded aluminium A6063S-T5	Silver anodized
5	Screw (Hexagonal flat head - M3 or M4)	8	Stainless steel	Unfinished
6	Corner guard	8	TPE	Black • Gray

■ Hexagonal wrench included.

1 Dimensions

To select D, W and H dimensions in 1mm intervals.



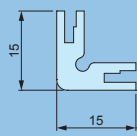
Caution

- W • H • D dimensions are the external dimensions excluding the corner guards.
Refer to DXF/DWG/PDF drawings on our website for further details.

- Panel thickness, screw sizes, and pillar types vary by W / D dimensions.
Refer to the chart on page SKGF-3 for K15 or K20 pillar type selection by W, H & D dimensions.

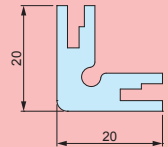
[K15] Pillar Type

Dimension : refer to chart
Panel thickness : $t = 2.0\text{mm}$
Screw size : M3
Pillar : 15 x 15mm



[K20] Pillar Type

Dimension : refer to chart
Panel thickness : $t = 3.0\text{mm}$
Screw size : M4
Pillar : 20 x 20mm



2 Color

To select color code from the table below.

Code	B Black	G Gray
Color		

Product Number

To determine a product number, fill W, H, D and select Pillar type and Color code in the following blank boxes.

Product no. SKGF - - -

1 W 1 H 1 D 1 K15 or K20 2 Color Code

Numbering example: W:100 x H:60 x D:180, K15 pillar type and G color code

➔ **SKGF100-60-180K15-G**

Lead Time

Custom Size Only
Custom Size + Hole Milling

8 business days (1 ~ 3 pcs)
9 business days (1 ~ 3 pcs)

Order Inquiry

For more information, contact us here at sales@takachi-el.co.jp

SKGF Type Chart

Refer to the below chart for K15 or K20 pillar type selection by W & D dimensions.

[K15] Pillar Type : t = 2.0mm • M3 screw • 15 x 15 pillar

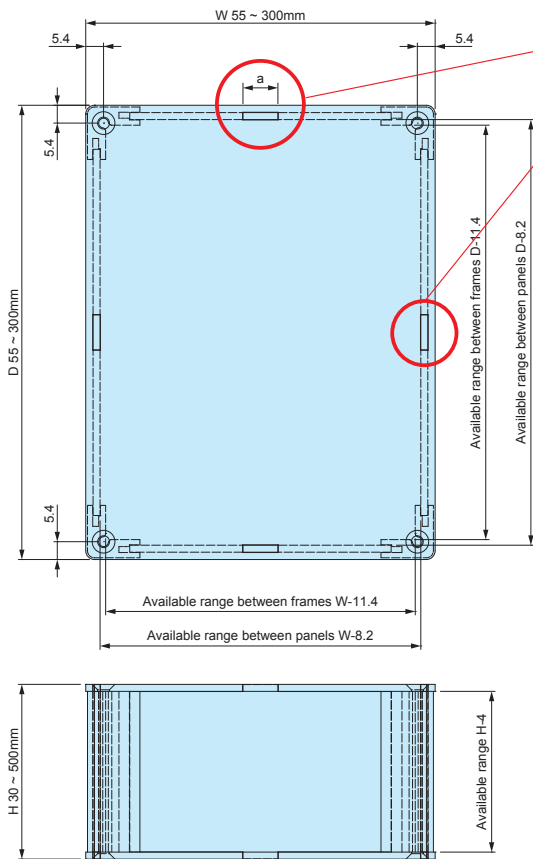
[K20] Pillar Type : t = 3.0mm • M4 screw • 20 x 20 pillar

W	H \ D	55 ~ 100	101 ~ 150	151 ~ 200	201 ~ 250	251 ~ 300	301 ~ 350	351 ~ 400	401 ~ 450	451 ~ 500
55 ~ 100	30 ~ 100									
	101 ~ 200									
	201 ~ 300									
	301 ~ 400									
	401 ~ 500									
101 ~ 150	30 ~ 100	[K15] Pillar Type								
	101 ~ 200									
	201 ~ 300									
	301 ~ 400									
	401 ~ 500									
151 ~ 200	30 ~ 100									
	101 ~ 200									
	201 ~ 300									
	301 ~ 400									
	401 ~ 500									
201 ~ 250	30 ~ 100									
	101 ~ 200									
	201 ~ 300									
	301 ~ 400									
	401 ~ 500									
251 ~ 300	30 ~ 100									
	101 ~ 200									
	201 ~ 300									
	301 ~ 400									
	401 ~ 500									
301 ~ 350	30 ~ 100									
	101 ~ 200									
	201 ~ 300									
	301 ~ 400									
	401 ~ 500									
351 ~ 400	30 ~ 100									
	101 ~ 200									
	201 ~ 300									
	301 ~ 400									
	401 ~ 500									
401 ~ 450	30 ~ 100									
	101 ~ 200									
	201 ~ 300									
	301 ~ 400									
	401 ~ 500									
451 ~ 500	30 ~ 100									
	101 ~ 200									
	201 ~ 300									
	301 ~ 400									
	401 ~ 500									

SKGF dimensions

■ DXF/DWG/PDF drawings available on our website.

[K15] Pillar Type : t = 2.0mm • M3 screw • 15 x 15 pillar

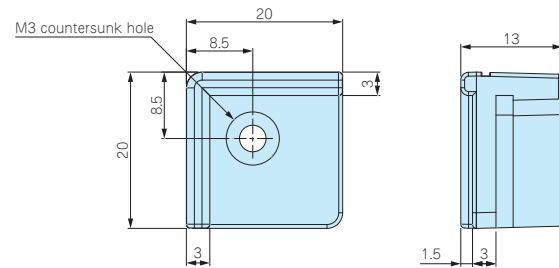


Number of joints vary by specified W / D dimensions.
Refer to the below chart for more information.

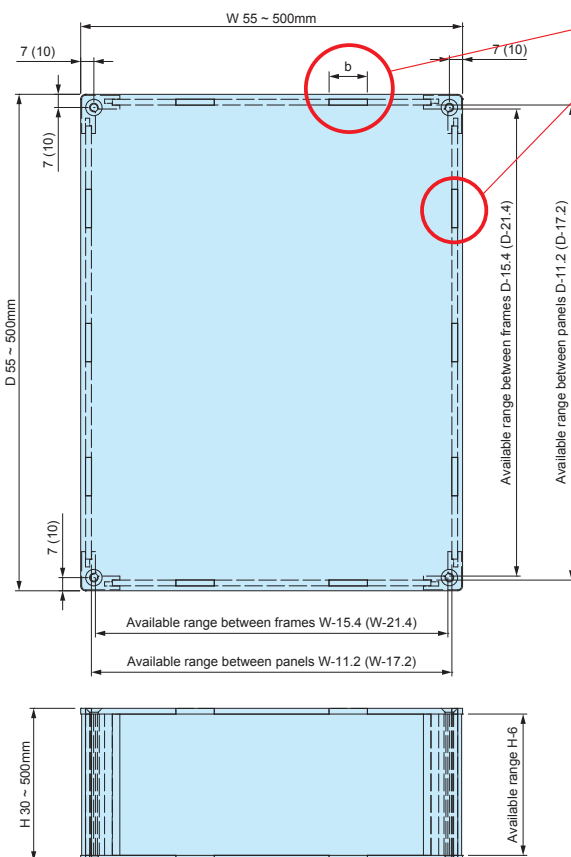
W dimension	Joint b dimension	Number of Joints (one side)
55 ~ 100	10mm	1
101 ~ 150	20mm	1
151 ~ 200	20mm	2
201 ~ 300	20mm	3

D dimension	Joint b dimension	Number of Joints (one side)
55 ~ 100	10mm	1
101 ~ 150	20mm	1
151 ~ 200	20mm	2
201 ~ 300	20mm	3

Corner guard dimensions



[K20] Pillar Type : t = 3.0mm • M4 screw • 20 x 20 pillar

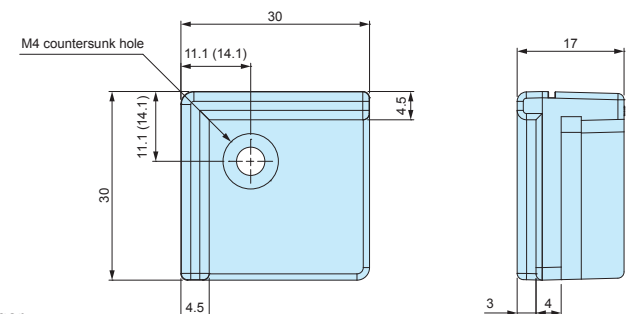


Number of joints vary by specified W / D dimensions.
Refer to the below chart for more information.

W dimension	Joint b dimension	Number of Joints (one side)
55 ~ 100	10mm	1
101 ~ 150	20mm	1
151 ~ 200	20mm	2
201 ~ 300	20mm	3
301 ~ 400	20mm	4
401 ~ 500	20mm	5

D dimension	Joint b dimension	Number of Joints (one side)
55 ~ 100	10mm	1
101 ~ 150	20mm	1
151 ~ 200	20mm	2
201 ~ 300	20mm	3
301 ~ 400	20mm	4
401 ~ 500	20mm	5

Corner guard dimensions



*Available range values within () is applicable if D / W dimension is 301mm or larger.