

The logo for max:design features the word "max" in a lowercase, sans-serif font, followed by a colon and the word "design" in a similar lowercase, sans-serif font. The text is white and positioned on the left side of the image, which is split diagonally from the top right corner into a dark grey/black upper-left section and a light grey/white lower-right section.

max:design

Jelly System

JELLY

Ricardo Bello Dias



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Jelly is an elaborate set of modular seating and tables that create a collaborative environment in complete harmony. The playful, rounded shapes complement each other in a unique design language, inspired by the vision of Ricardo Bello Dias, architect and curator of F.WAY. Jelly's seating and tables can be configured in curved or straight shapes to fit a wide range of projects.

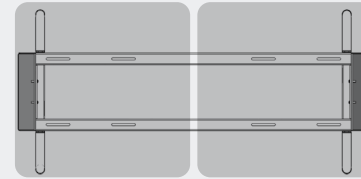
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Basic assembly principles

As a modular system of seating and tables, each seat or table occupies one or two spaces over the metal frame, depending on its length.



one person



two person



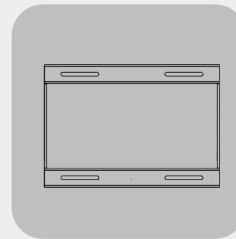
There are three different lengths of frames for straight seats. For one, two or three seating positions:



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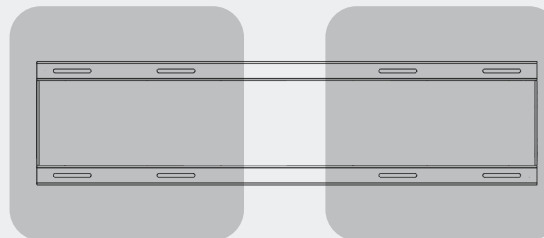
one person

FME9173



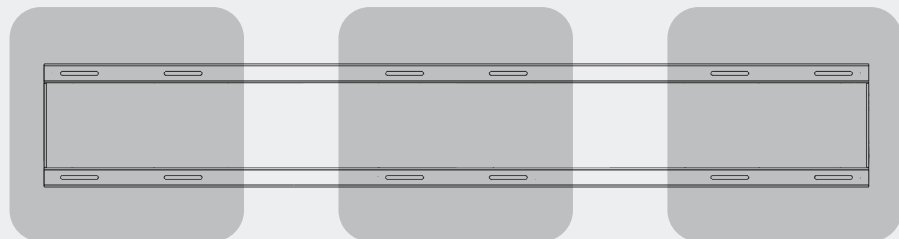
two person

FME9273



three person

FME9373

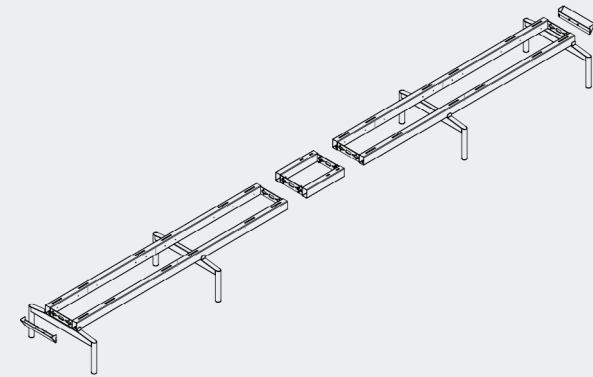


The following example uses 2 straight frames with 3 seating positions each. It could also be used 3 frames with 2 seating positions each. However, although this would work, it is not the optimal setup for the sofa.

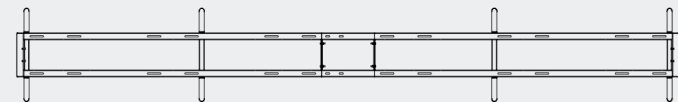
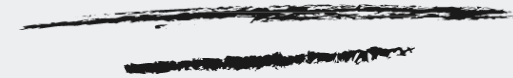
It means that, finding the optimal setup for a specific layout is part of the *Project*.



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This *setup*, as you can see, could also be achieved using either three or four feet.

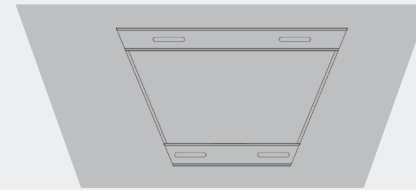


Besides the straight frames, there are 2 *different* curved frames. A little one and a bigger one. They are applied together with curved seats and tables.



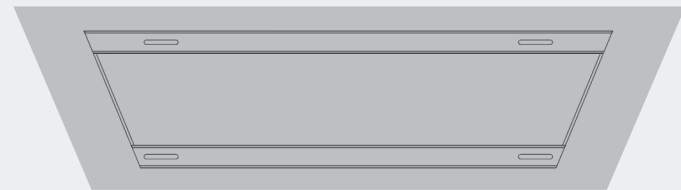
smaller *curve*

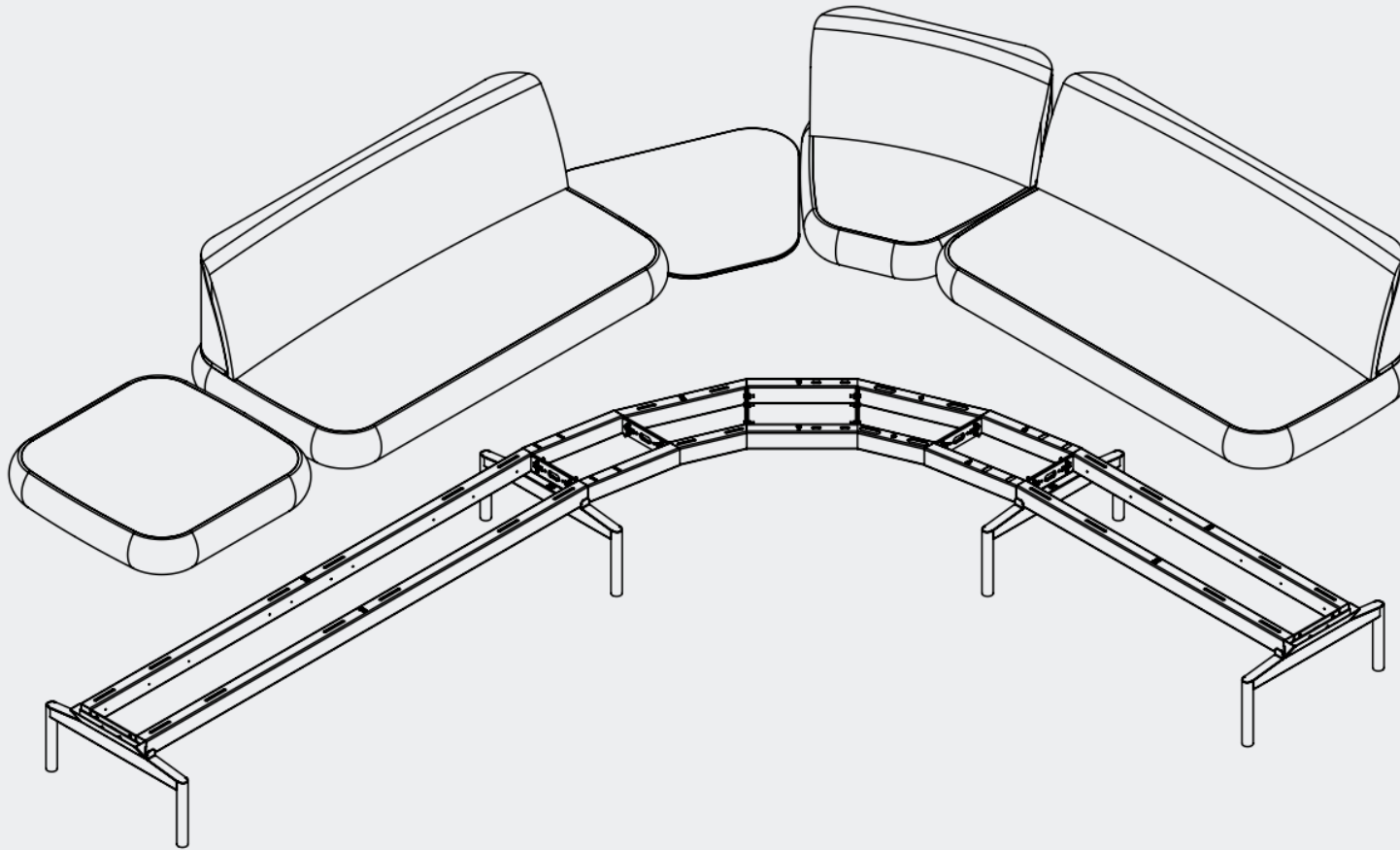
FME9573



larger *curve*

FME9773





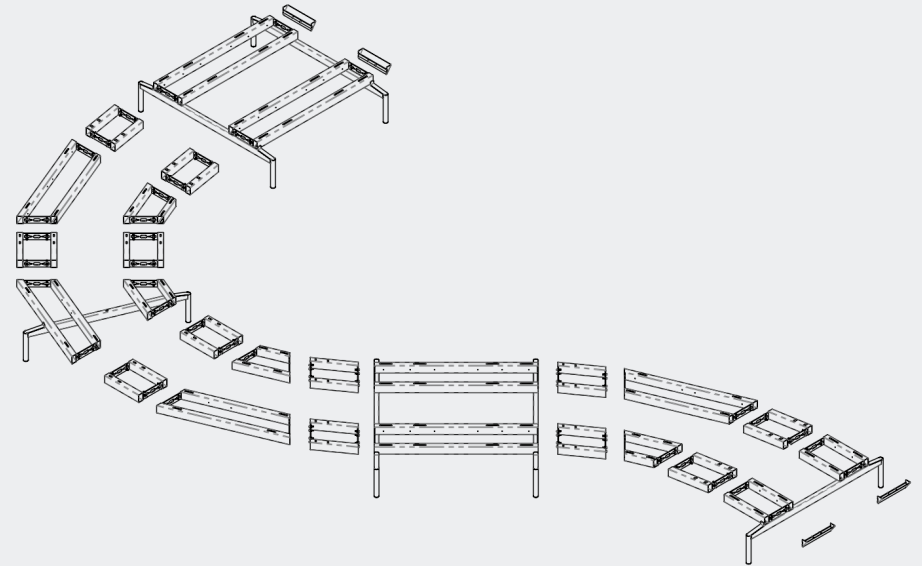
In the following example, two smaller *curved* frames are being used in the metal base assembly.

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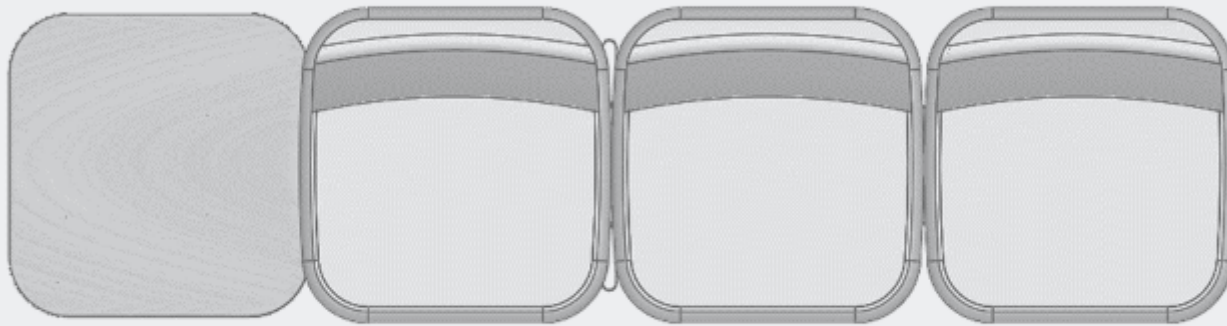
Connections and feet



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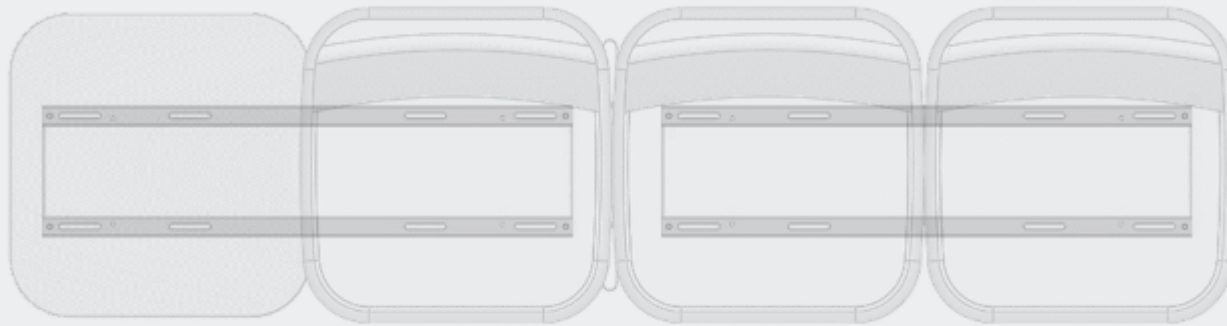


In order to connect metal frames there are some connecting parts. Each one has a particular application.



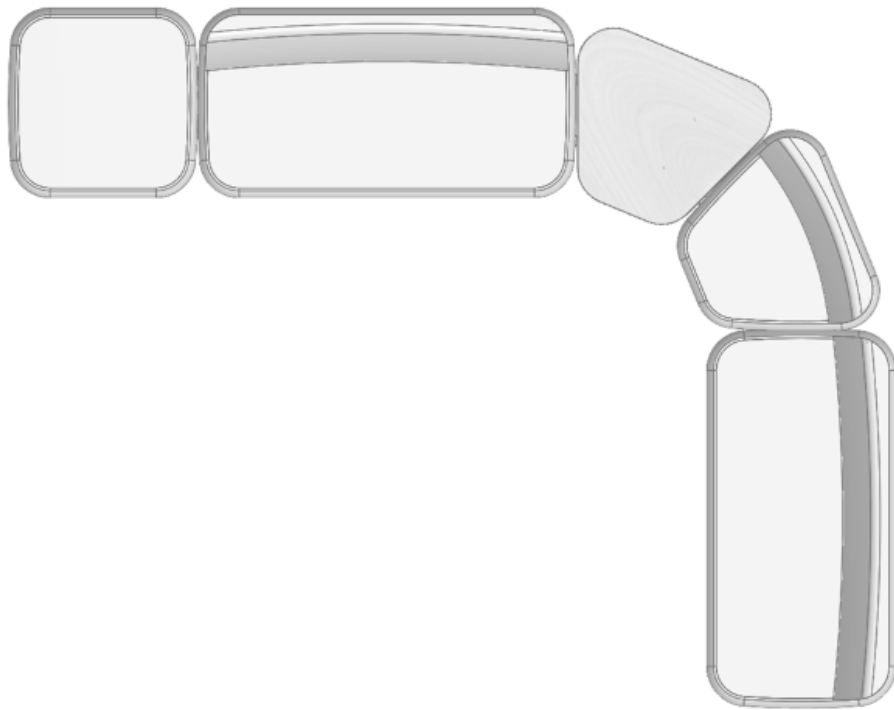
But first things first. Let's *review* the foremost step
of the assembly, which is...

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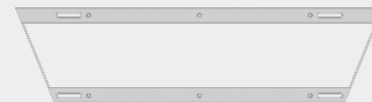
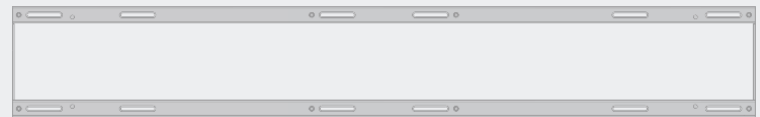
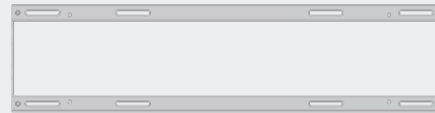
*I*dentifying the metal frames necessary for
each structure.

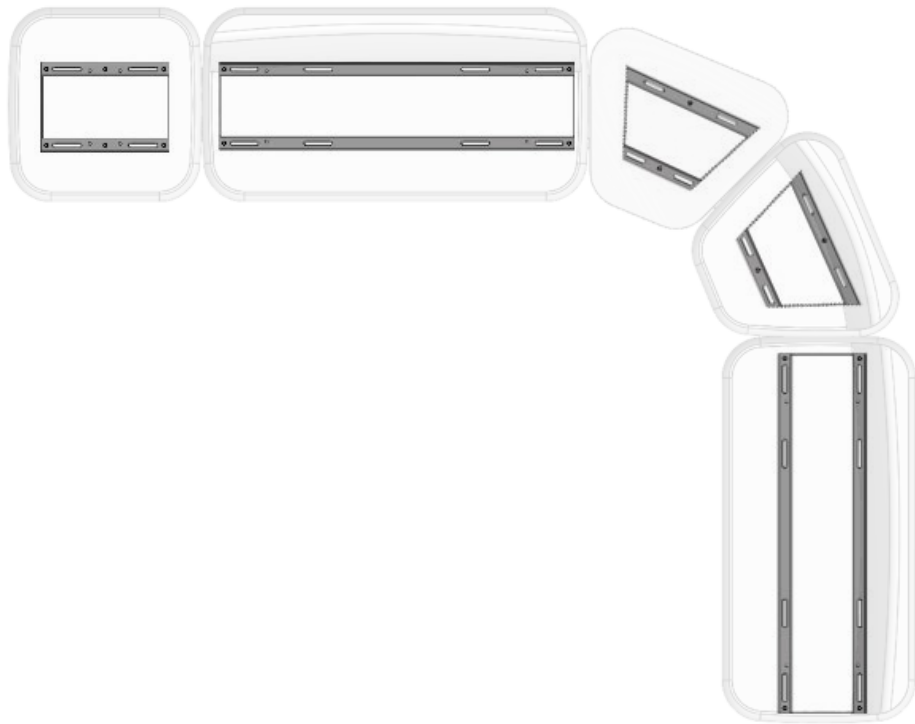
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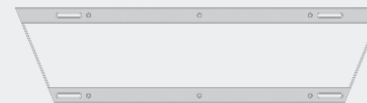
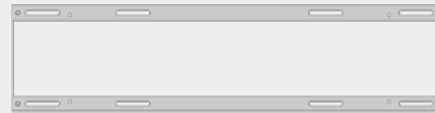
Can you identify the *optimal* frames for this setup?





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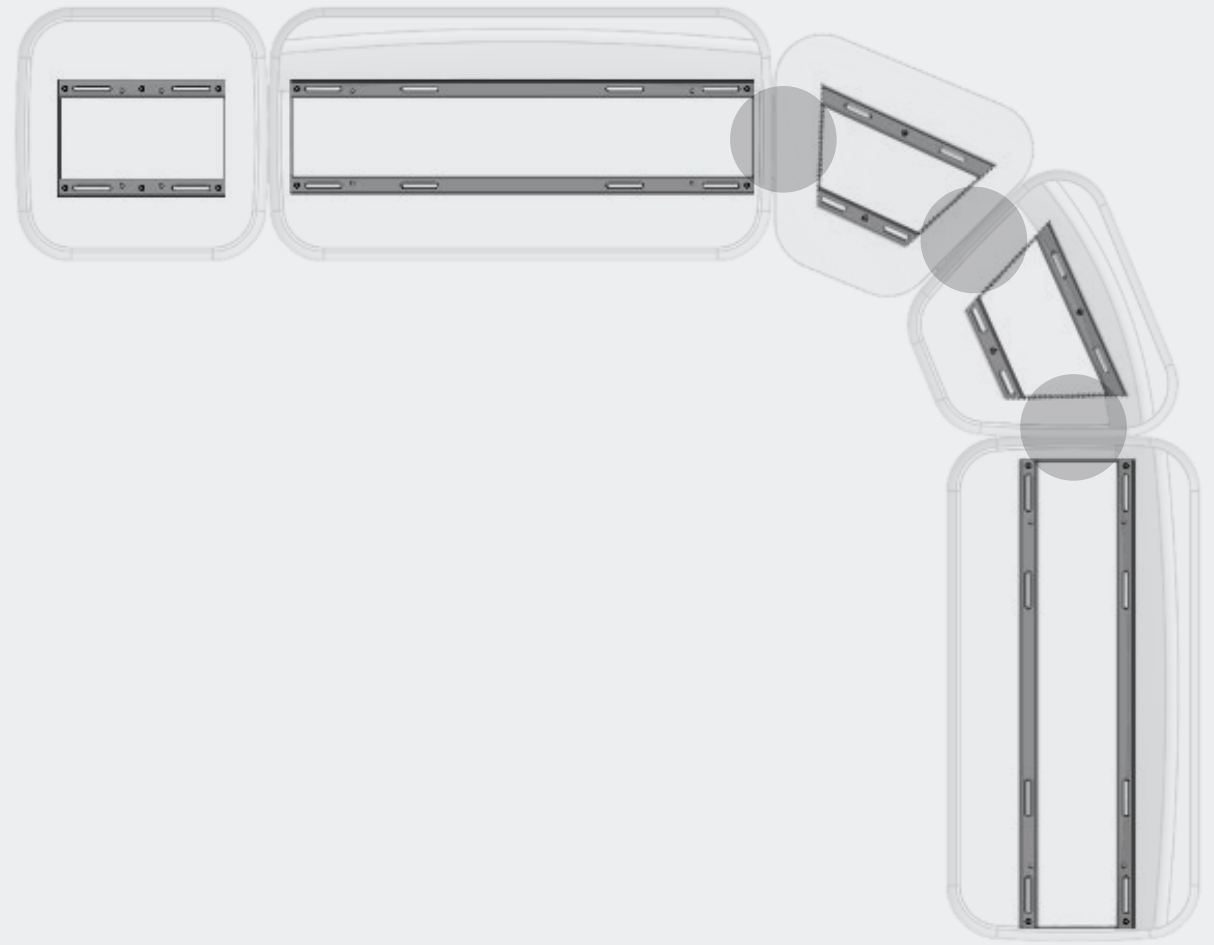
If you choose as it follows it would work, but there is a more *optimal* way for this setup.

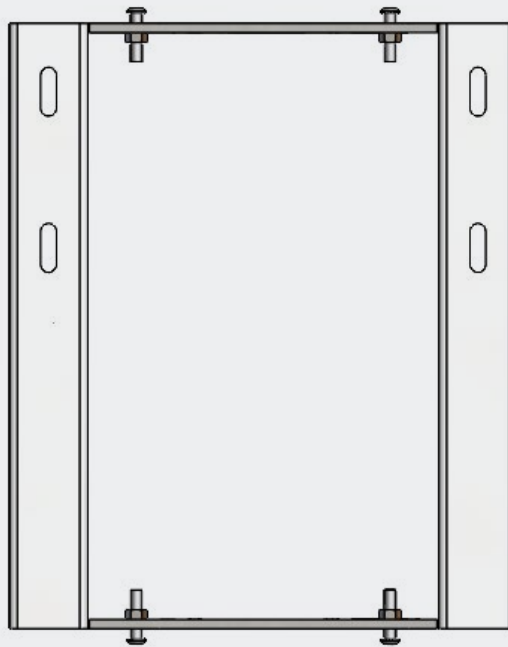


A right choice can mean the following possible results:

- 1 - Fewer components and consequently lower cost;
- 2 - Better symmetry;
- 3 - More resistance.

After identifying the metal frames we can fill the gaps with the right connecting parts.

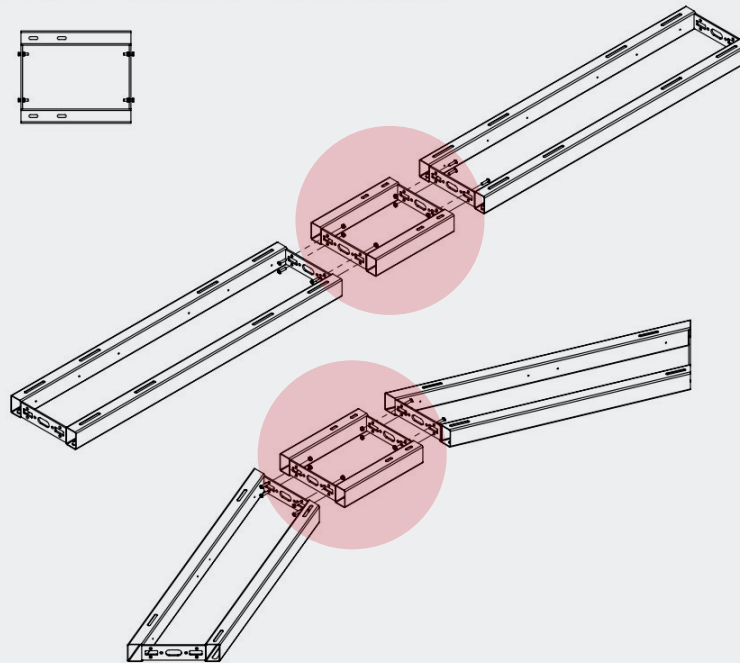




FMD9173

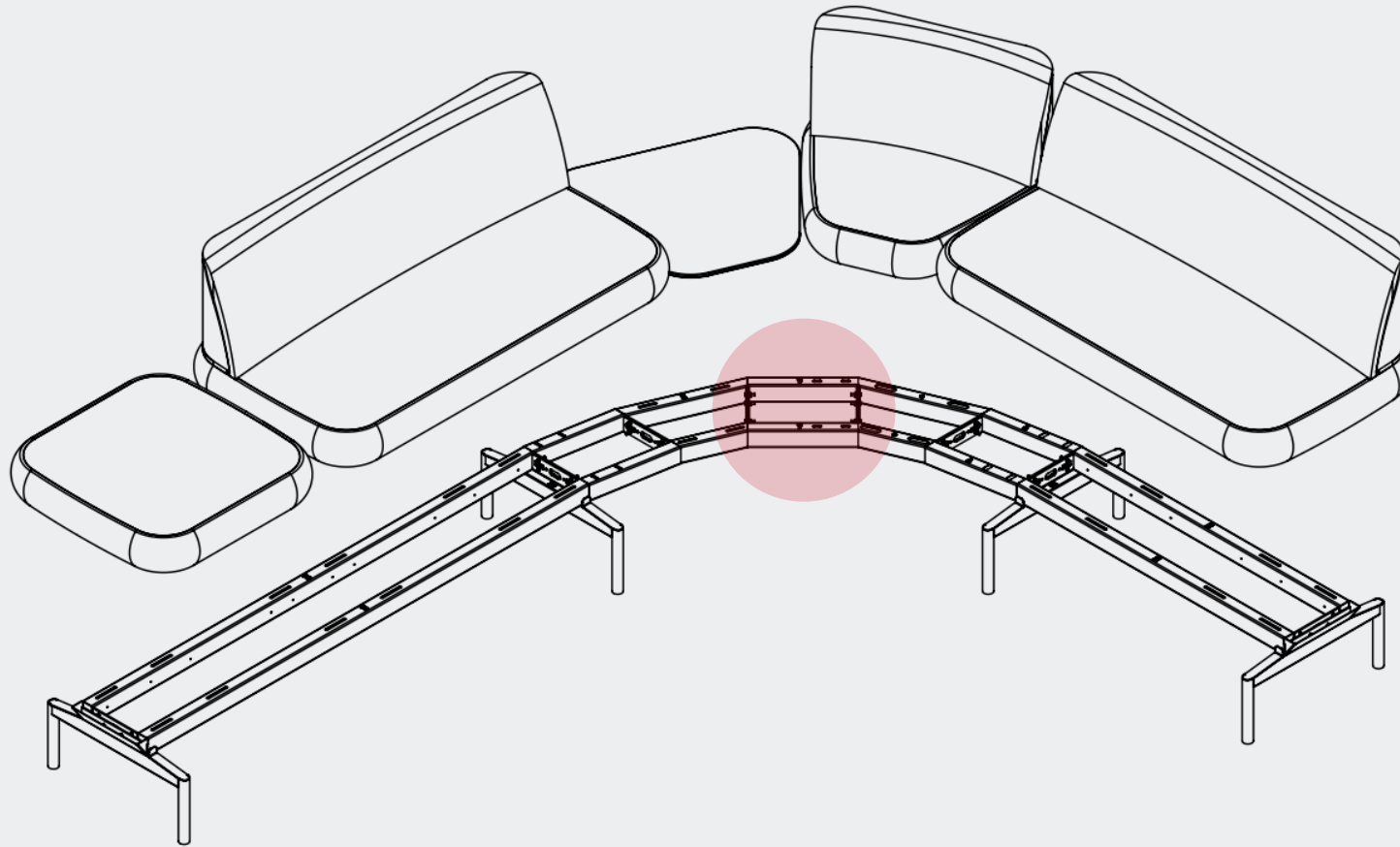
The first connecting part is very *similar* to the one seat frame. It is used to connect similar structures.

ENGATE: RETO-RETO ou INCLINADO-INCLINADO
FIXAÇÃO DE MESA FIM DE FILEIRA RETANGULAR



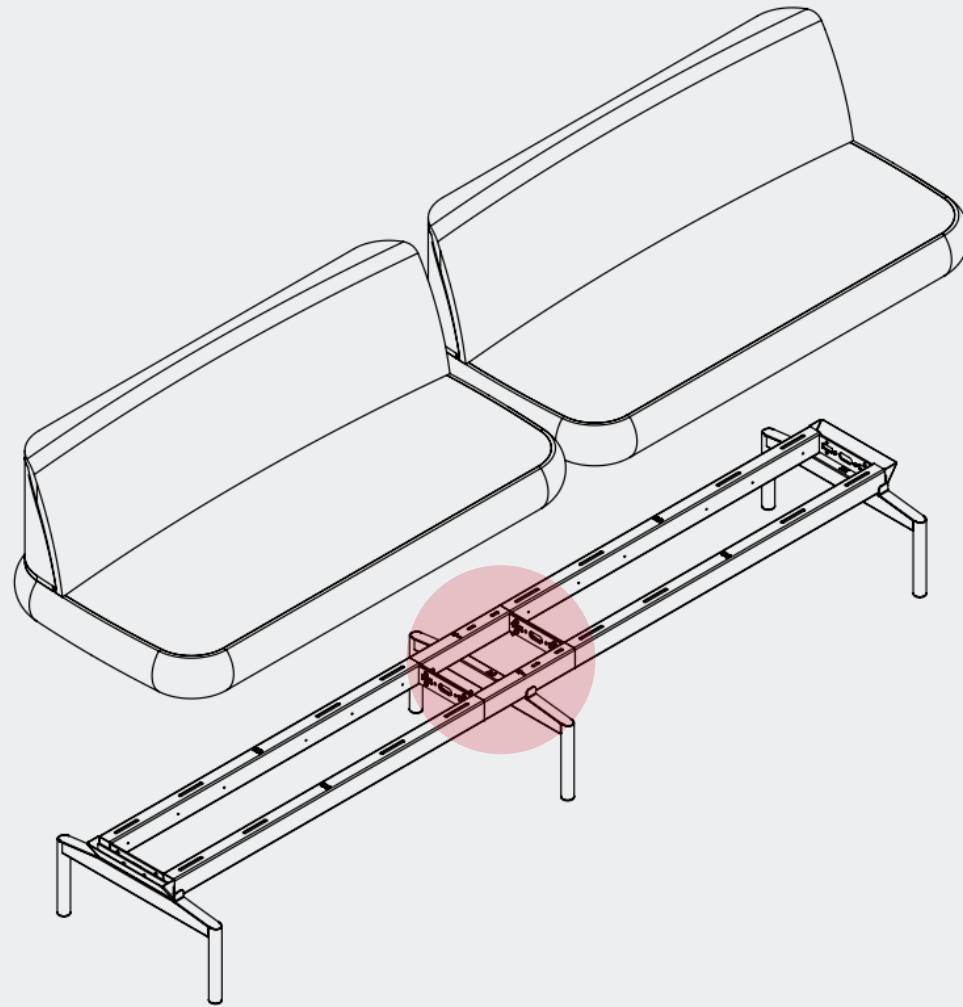
That *means* either a couple of straight frames or a couple of curved frames.

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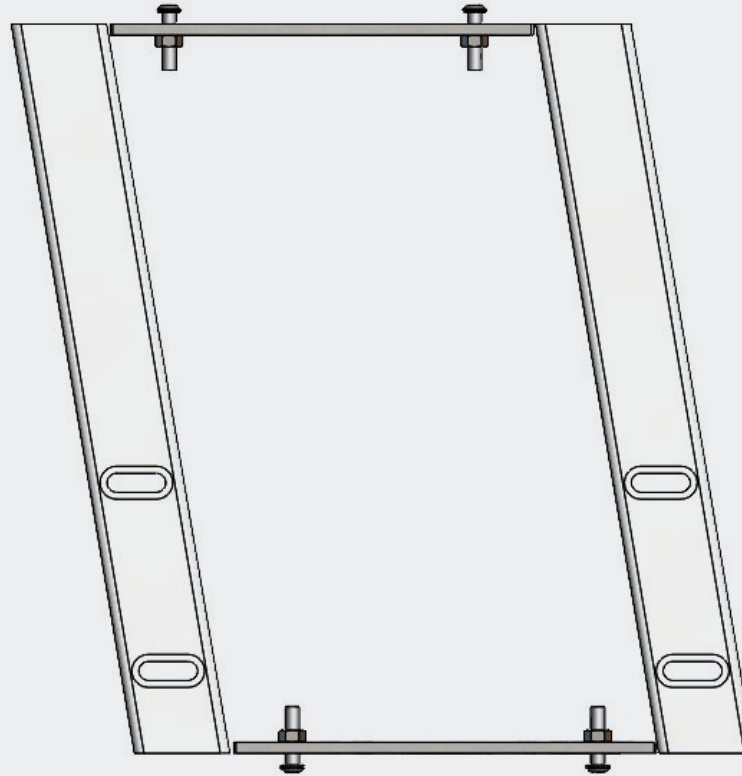
In the following example, the first connecting part is being used between two smaller curved frames.

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But it also can be used between two *straight* frames.

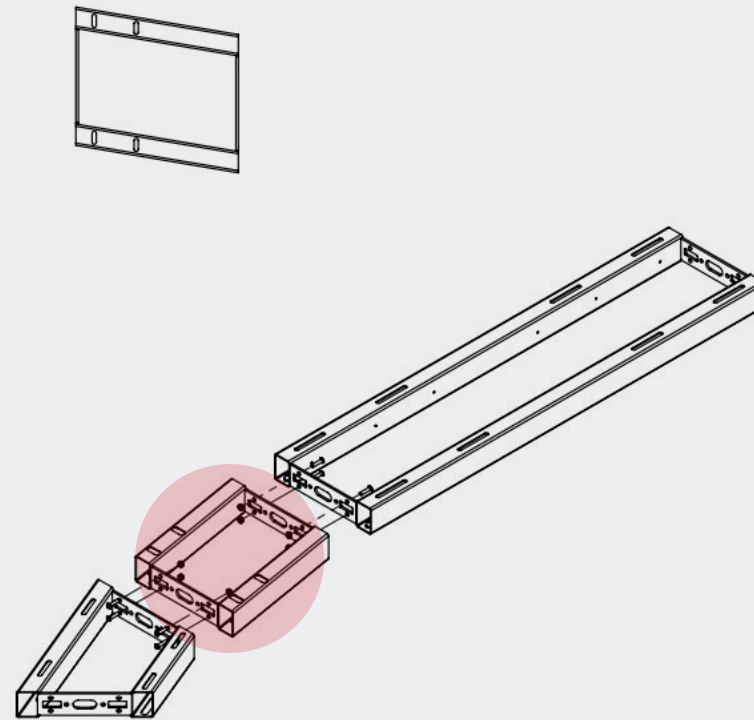
maxdesign



FMD9573

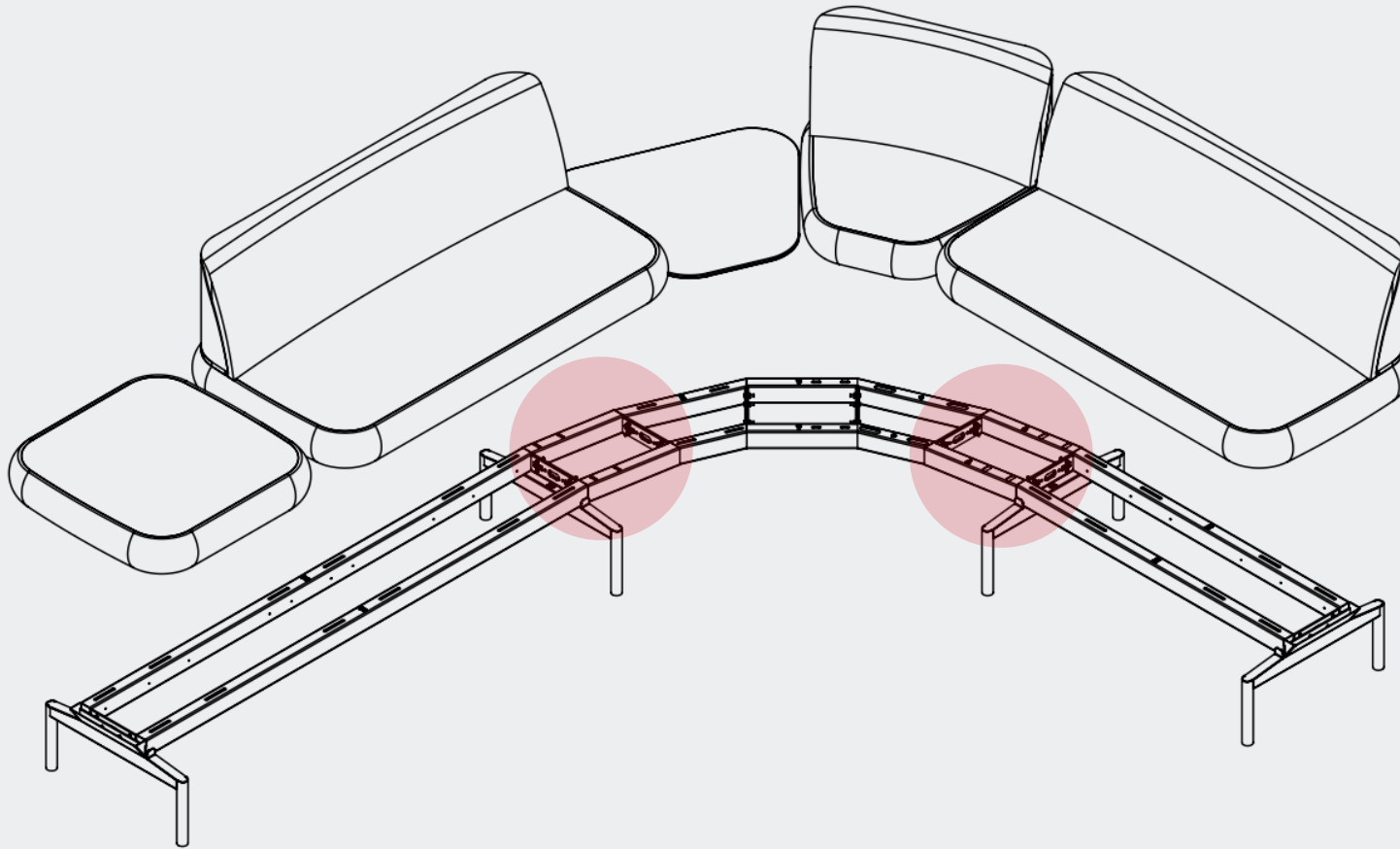
The second connecting part can be identified by its *inclination*.
Furthermore, it is used to connect non-similar structures.

ENGATE: RETO-INCLINADO
FIXAÇÃO DE MESA FIM DE FILEIRA TRAPEZOIDAL



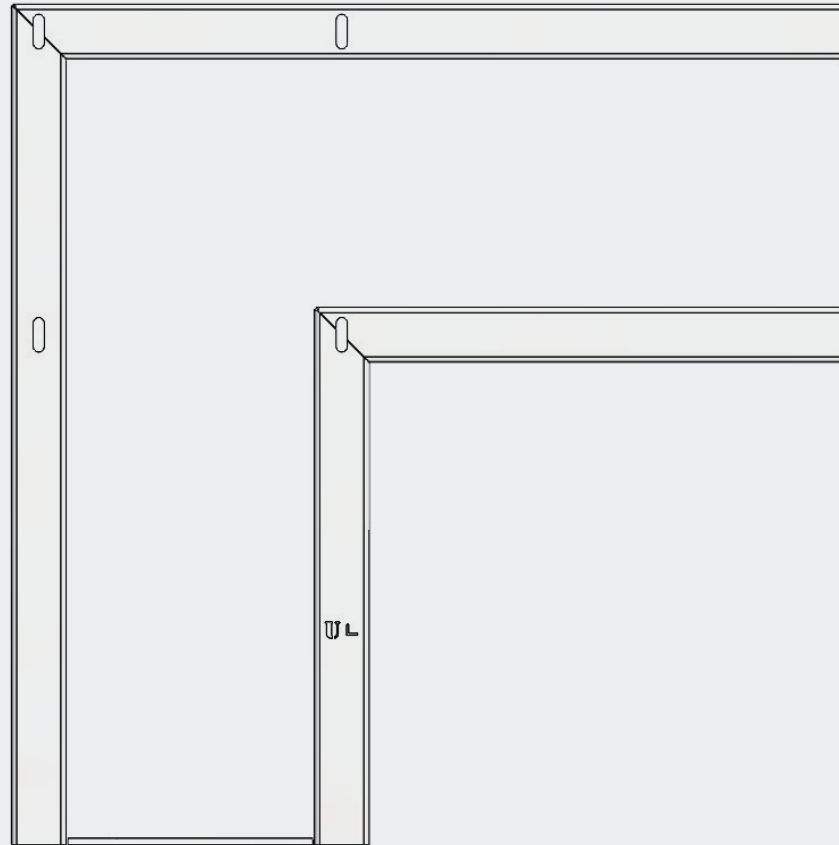
That means between a straight frame and a curved frame.

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In the following example, the second connecting part is being used in the *transition* between straight and curved frames.

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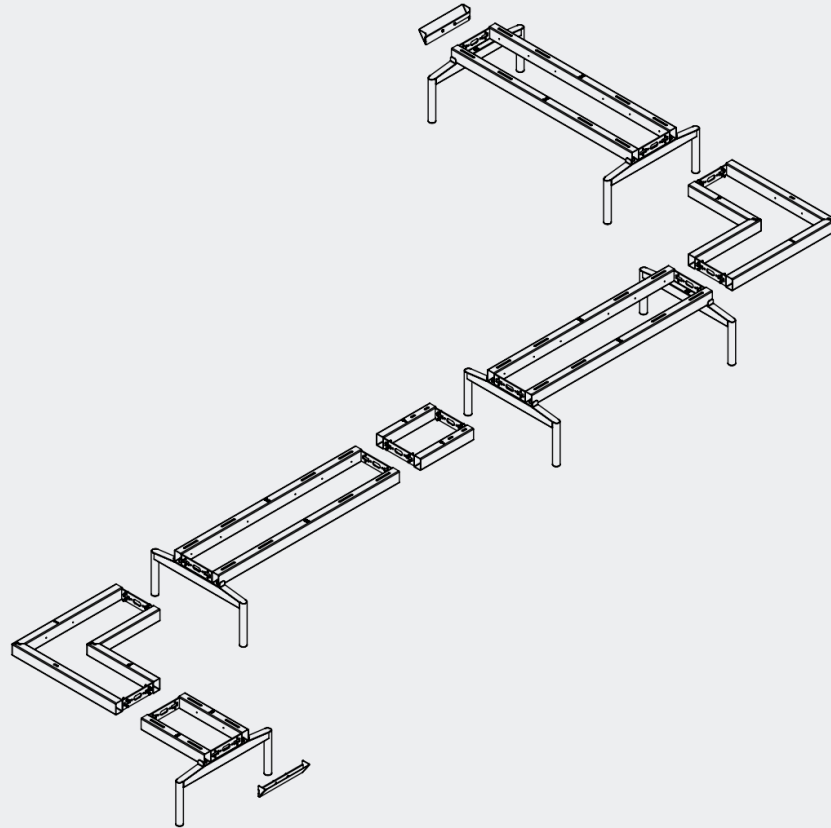
FMD9573

Finally, the last connecting part has a very special *feature*.
It is used to connect two straight frames in 90°.

The special feature of the 90° connecting part is that it is Always used with a square table. It is not possible to use a seat over this connection, because it receives no feet.



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Example of a different usage for the 90° connecting part.

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We got it about the connecting parts,
but what about the feet?



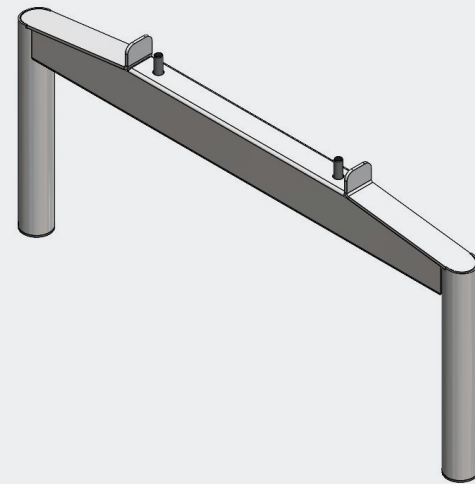
In the Jelly System, the feet have *two* distinct functions: to support the sofa at the proper height for seating and to connect back-to-back structures.

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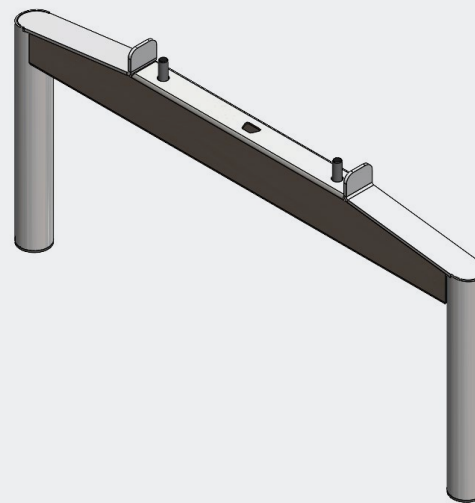


The two smaller feet are used only to sustain the Sofa in the right height for seating.

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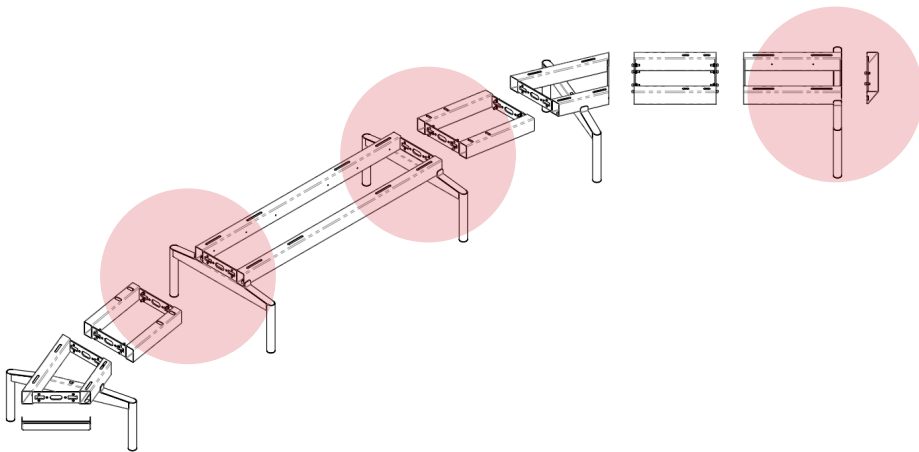


FMZ9173
FMZ9174

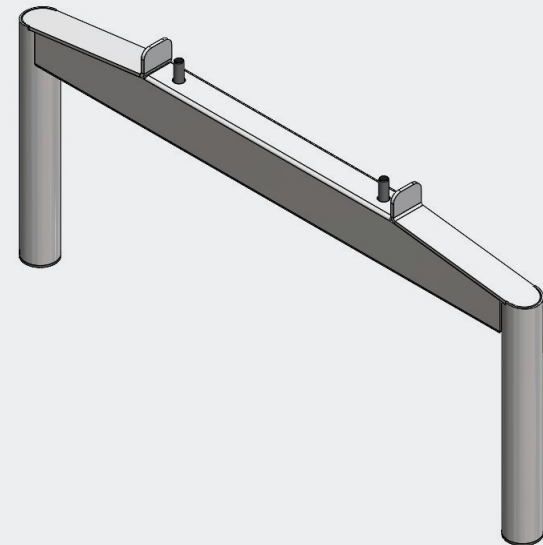


FMZ9573
FMZ9574

The first smaller feet is used on straight frames. Can you identify them in the example below:

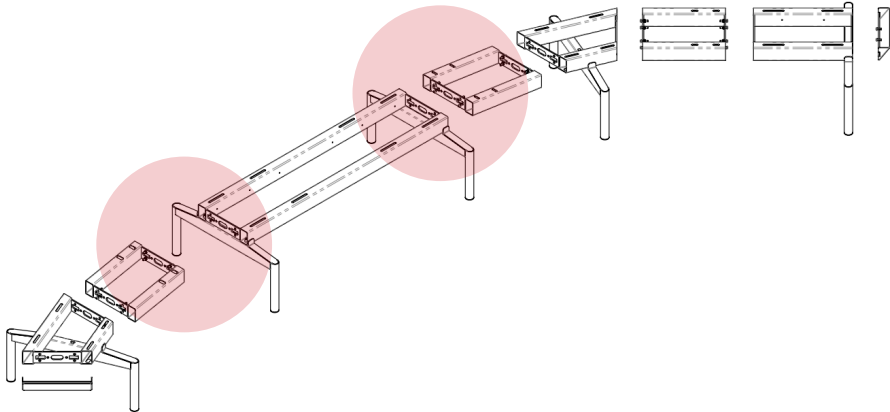


maxdesign

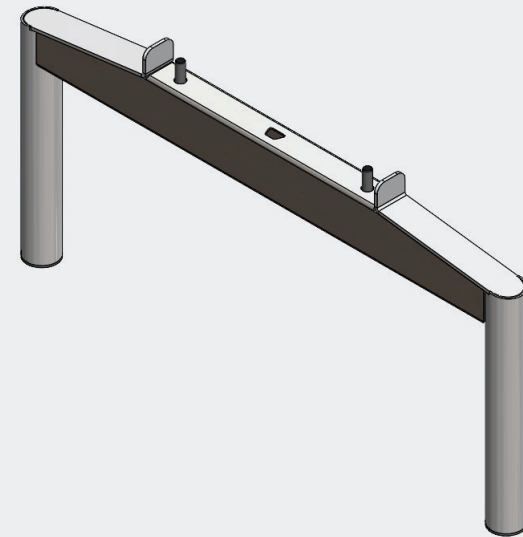


FMZ9173
FMZ9174

The second smaller feet is used on curved frames. Can you identify them in the example below?



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FMZ9573
FMZ9574



The two larger feet are used to support the Sofa and connect the frames in *back-to-back* positions. The first larger foot is for straight frames, and the second is for curved frames.

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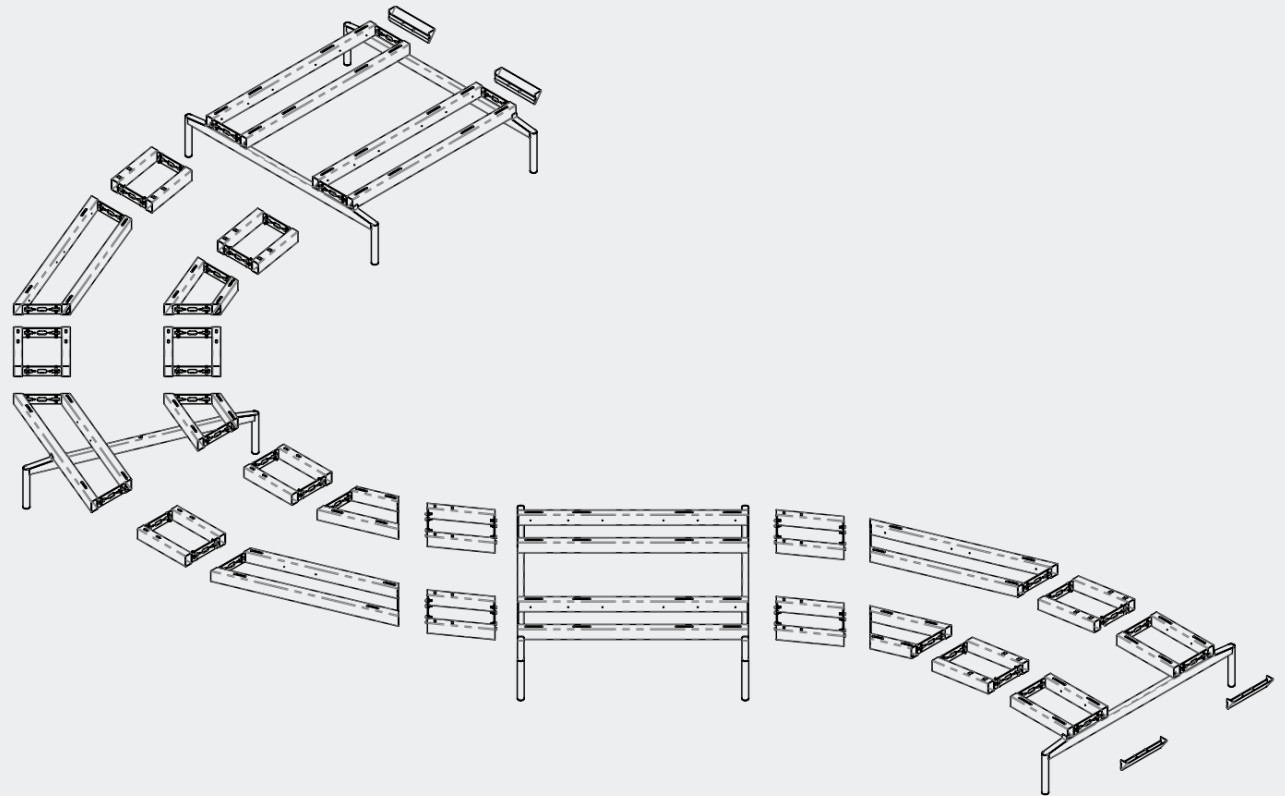
FMZ9273
FMZ9374



FMZ9773

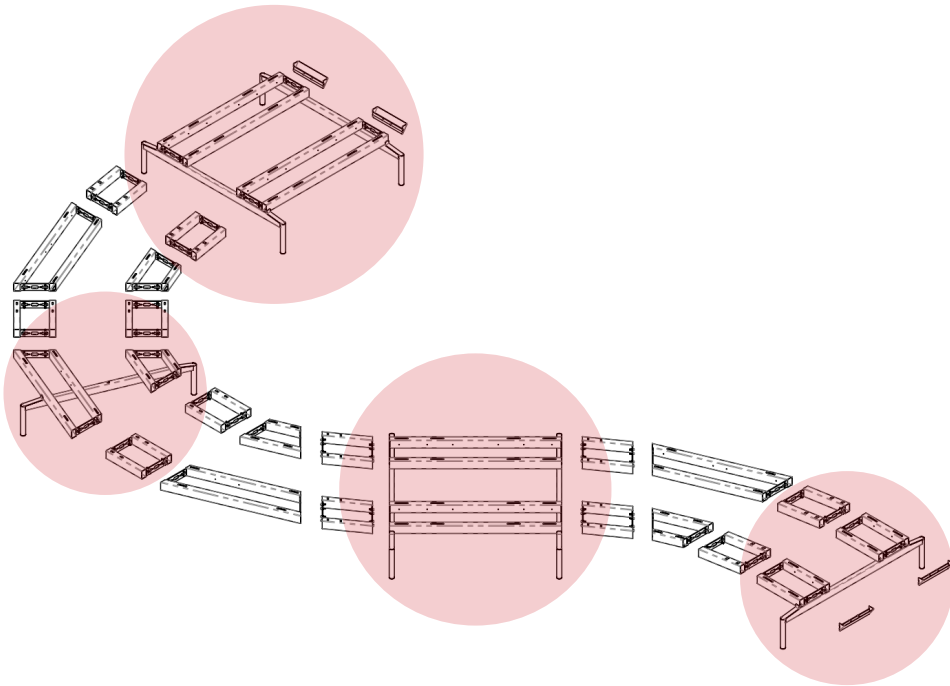
*I considered two models of smaller feet, but there are actually four models, because there are two options of height for each usage.

The following example uses both *bigger* feet models. Can you identify them?

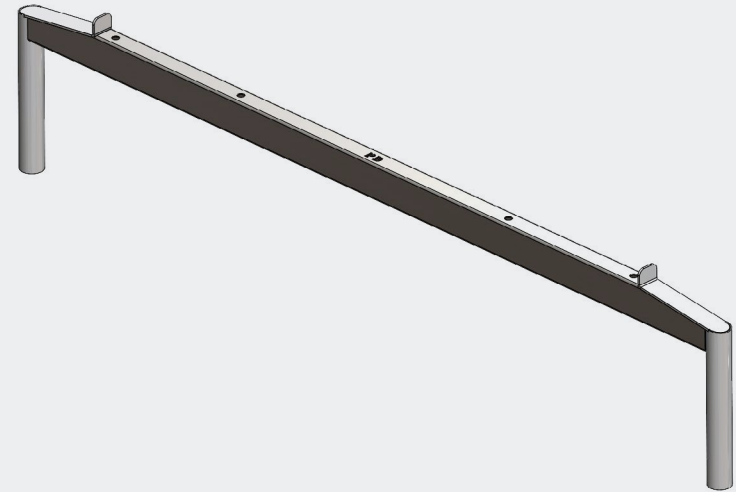


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The following example uses
both bigger feet models.



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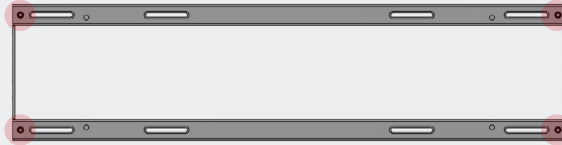
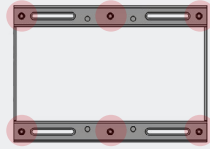


FMZ9273
FMZ9374



FMZ9773

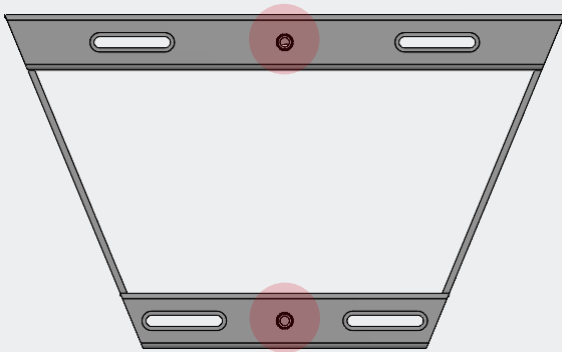
Each metal frame has specific positions where feet can be attached. It was carefully designed to meet many setups. However, not every feet setup is possible. It's important to pay attention to it.



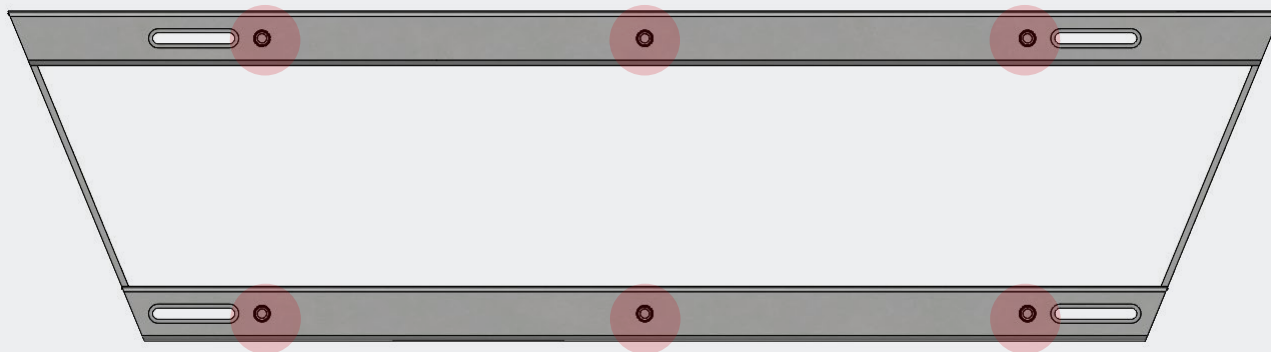
Each metal frame has
specific positions where
feet can be attached.



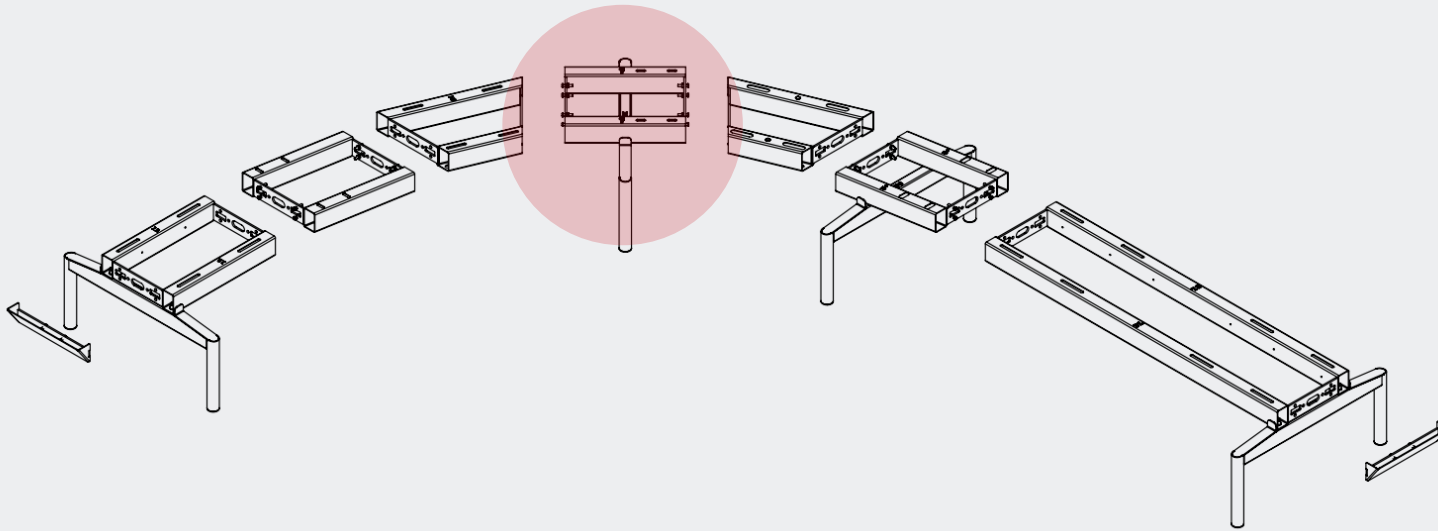
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Each metal frame have
specific positions where
feet can be attached.



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Different of the other connections, the connection part for similar frames can also receive feet. In the example bellow, we can see a usage for this *feature*.

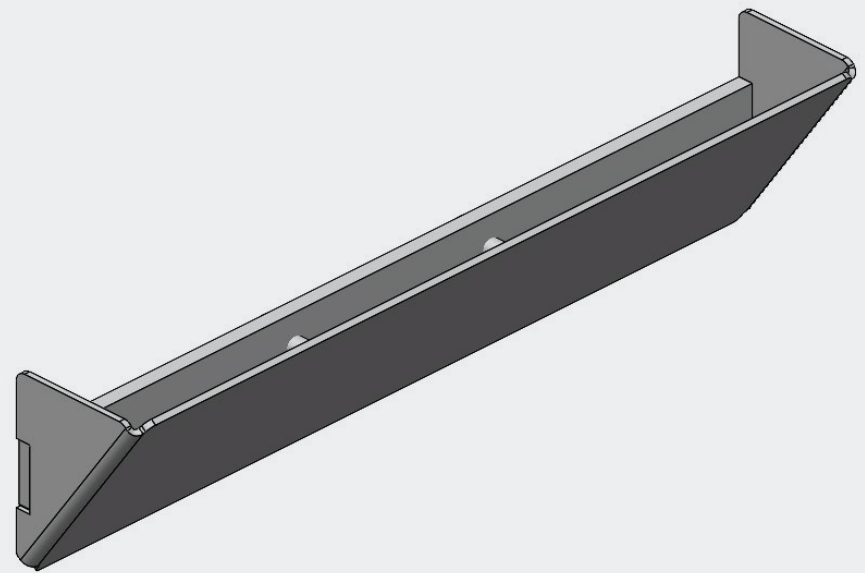
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Finishing and accessories

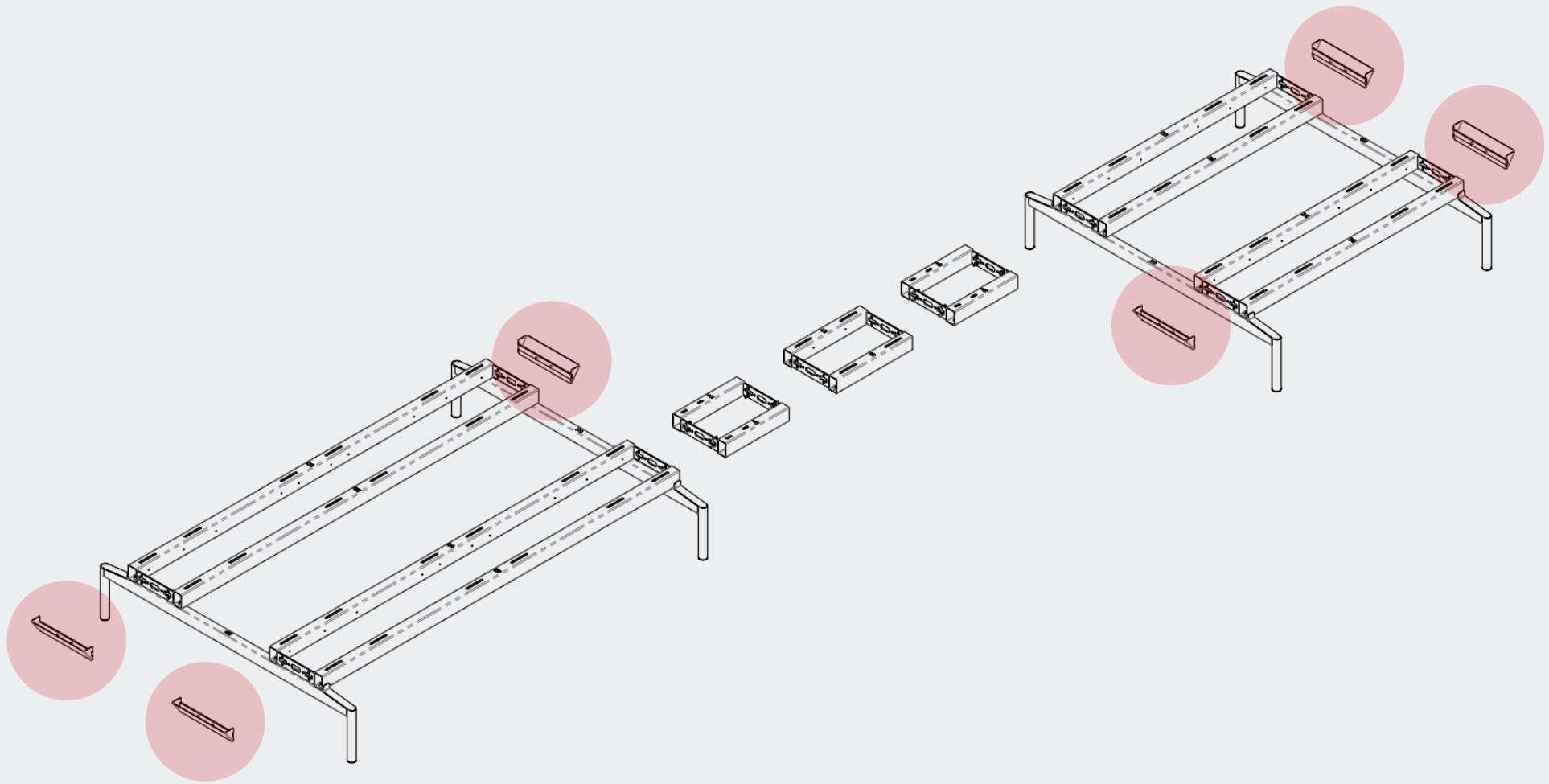


Each end of a frame that does not receive a connection part will receive a *finishing part*.

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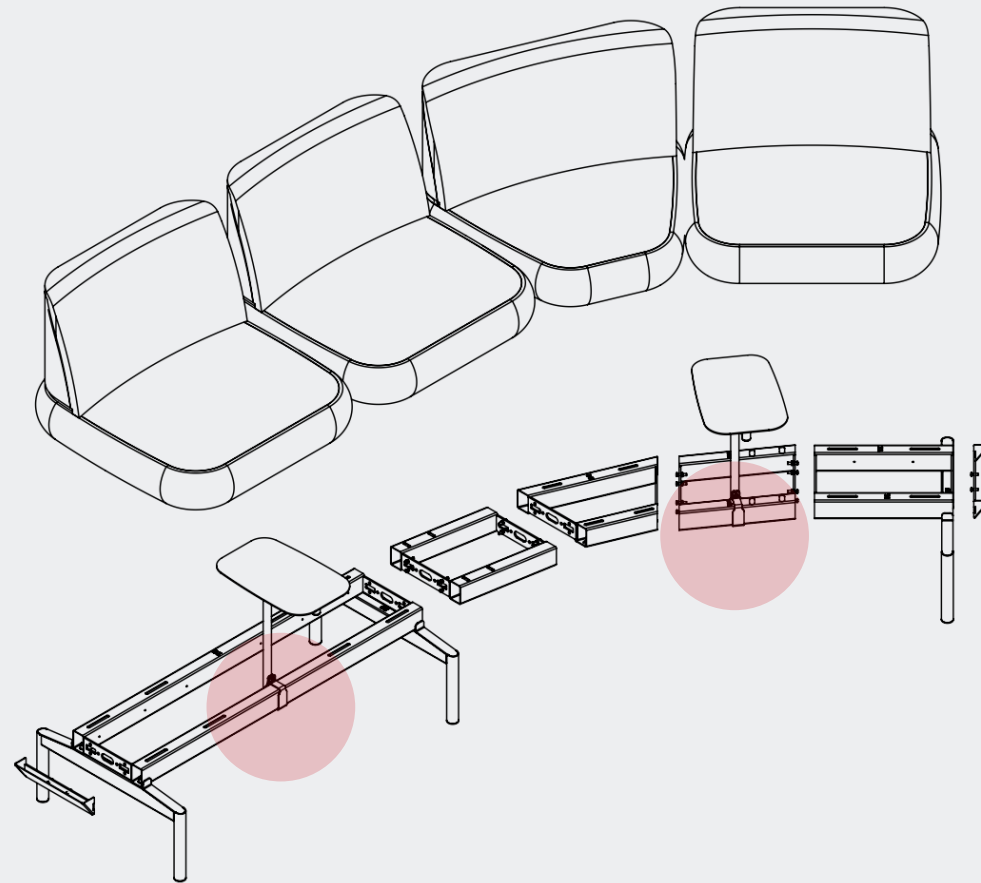


FMD9073



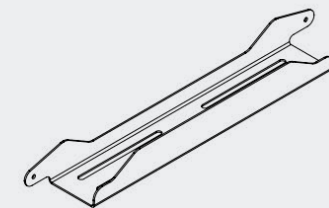
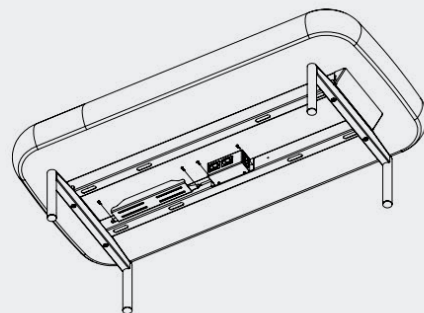
Each end of a frame that does not receive a connection part will receive a *finishing part*.

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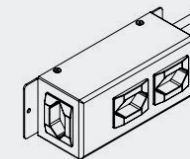


There is also a *articulated table*, which can only be used between two seats. It can be fixed in a metal frame or in a connection part.

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CANALETA PARA ORGANIZAÇÃO DE CABOS

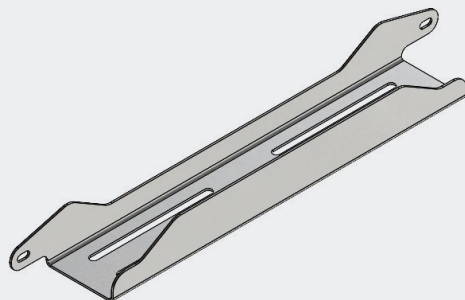
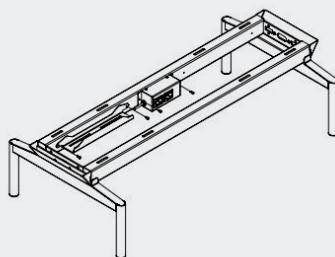


MÓDULO DE TOMADAS

INFORMAÇÕES TÉCNICAS:

Faixa de uso: 11-240V, 50-60Hz
Plugue padrão brasileiro 2P+T 10A 250V
Potência máxima: 1270W
Nº Máximo de conexões em série: 3
Comprimento do cabo: 1,8 metros

**Para a segurança da instalação, o edifício deve possuir Dispositivos Diferenciais Residuais (DR) em seu quadro de disjuntores, bem como Dispositivos de Proteção Contra Descargas Atmosféricas (DPS), conforme regulamentação vigente prevista na norma NBR 5410.*

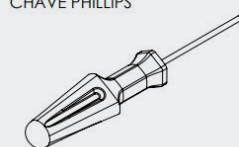


SISTEMA MODULAR: Máximo de 3 ligações em série por conexão com a rede



PARAFUSO AUTOATARRAXANTE
3,9x13MM

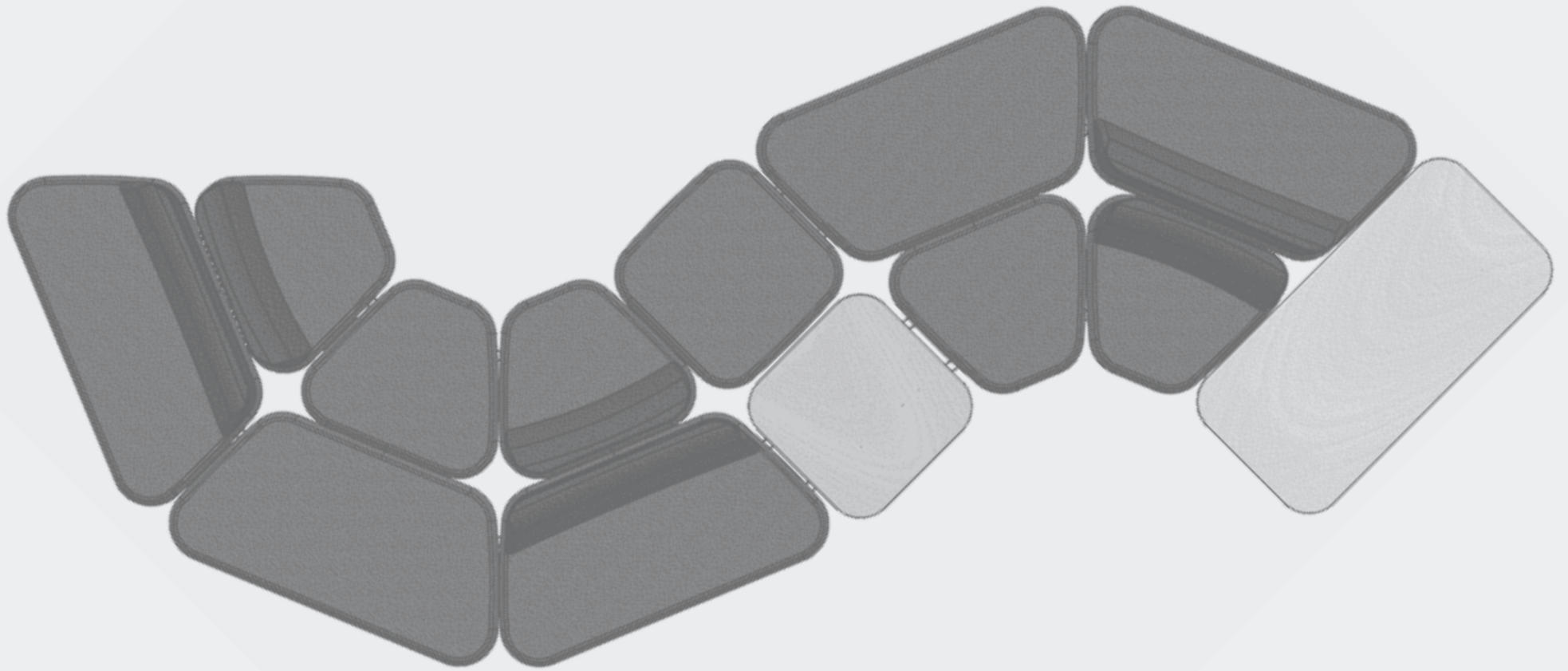
FERRAMENTA NECESSÁRIA:
CHAVE PHILLIPS



A cable organizer is used when the sofa has electrification and USB sockets. It can be *fixed* inside metal frames.

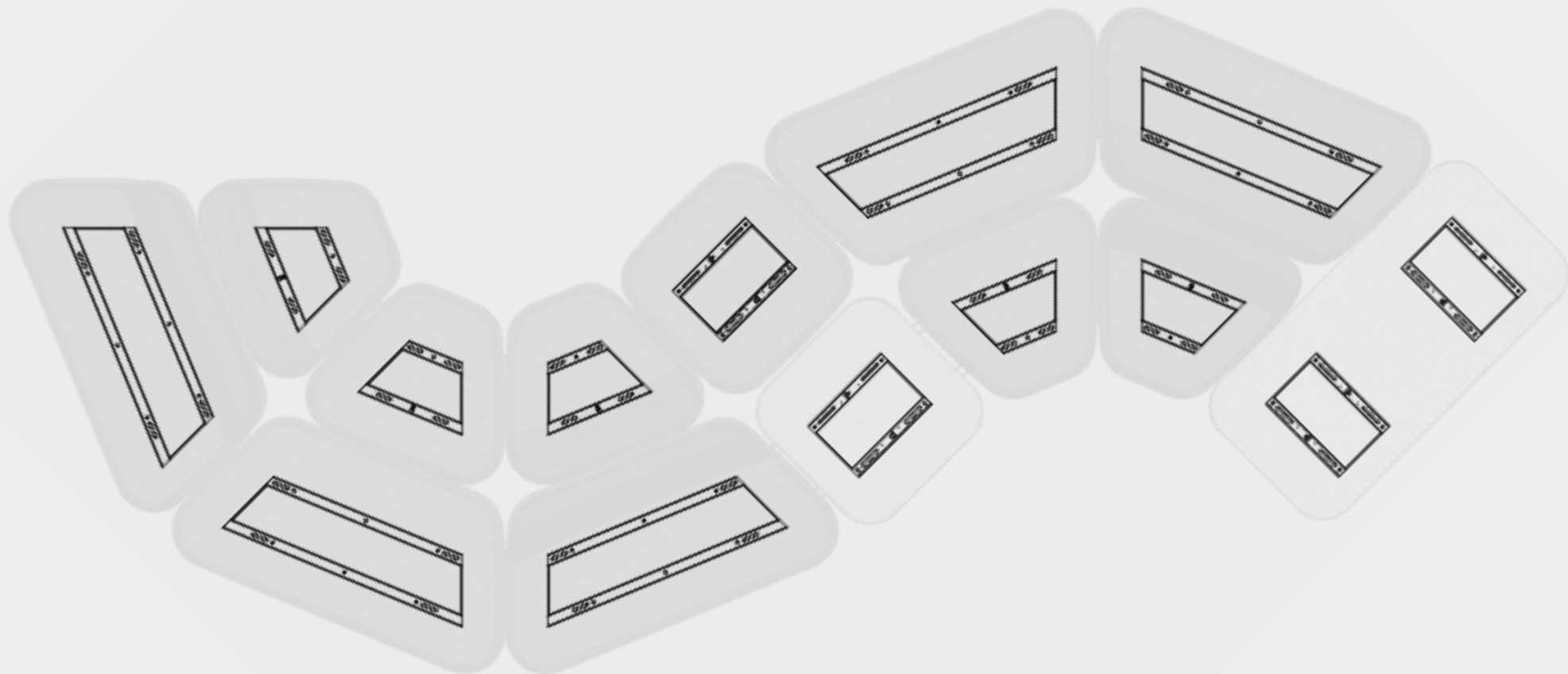
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Assembly of more complex structures



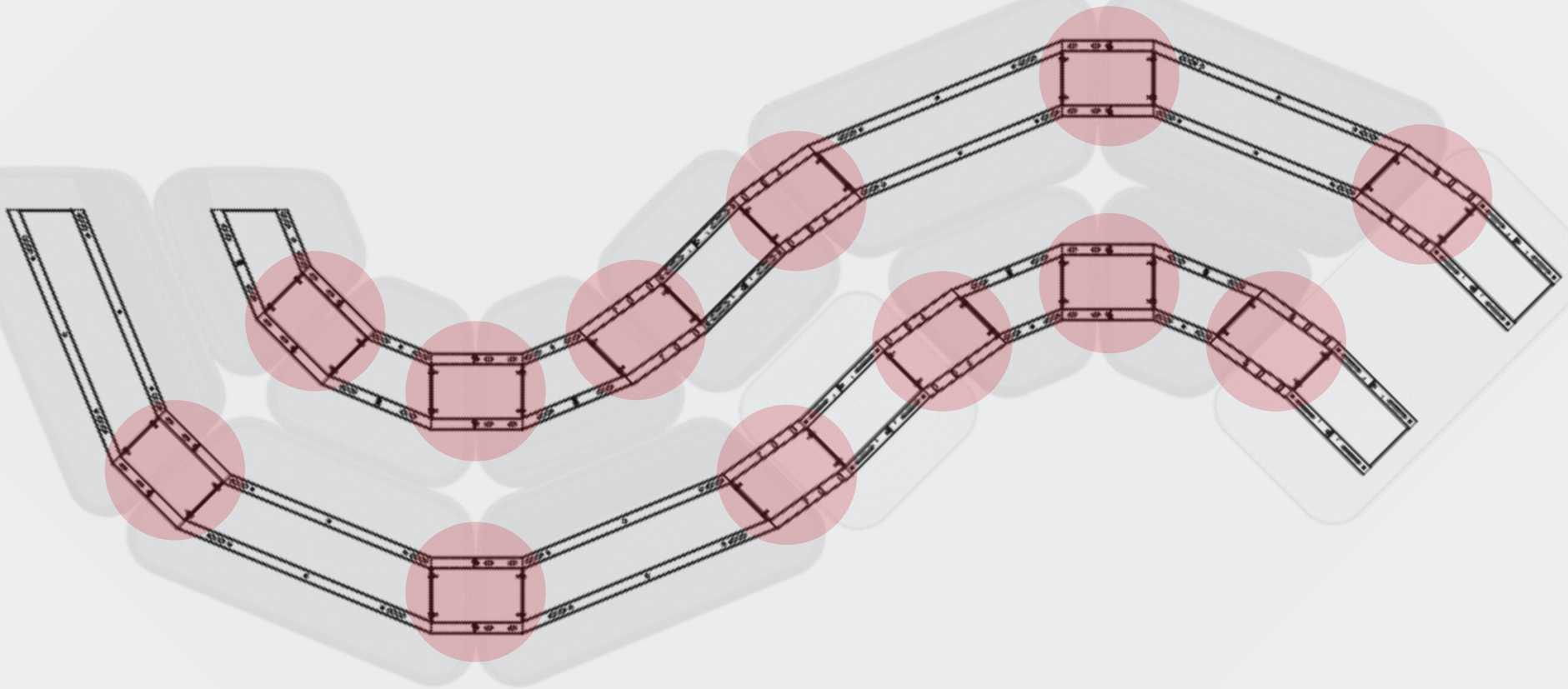
The process is the same for every setup.

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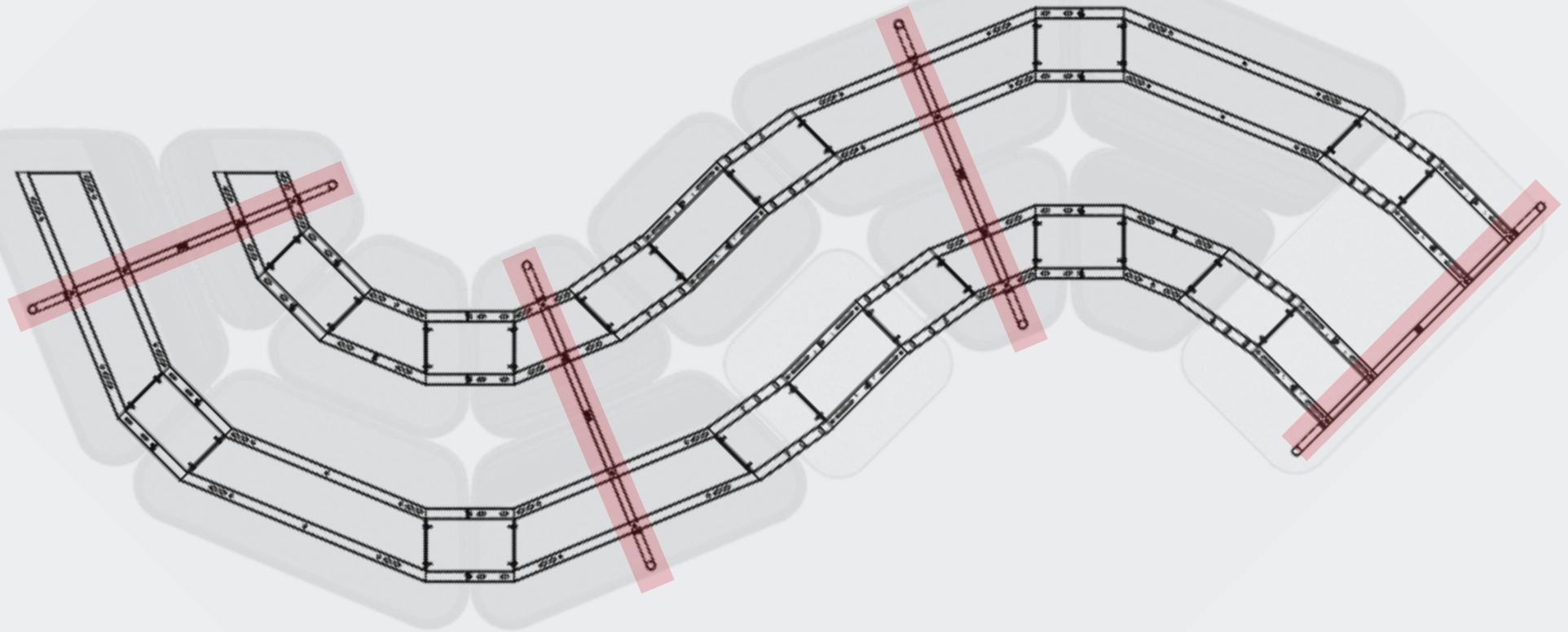
Find the correct metal frames;

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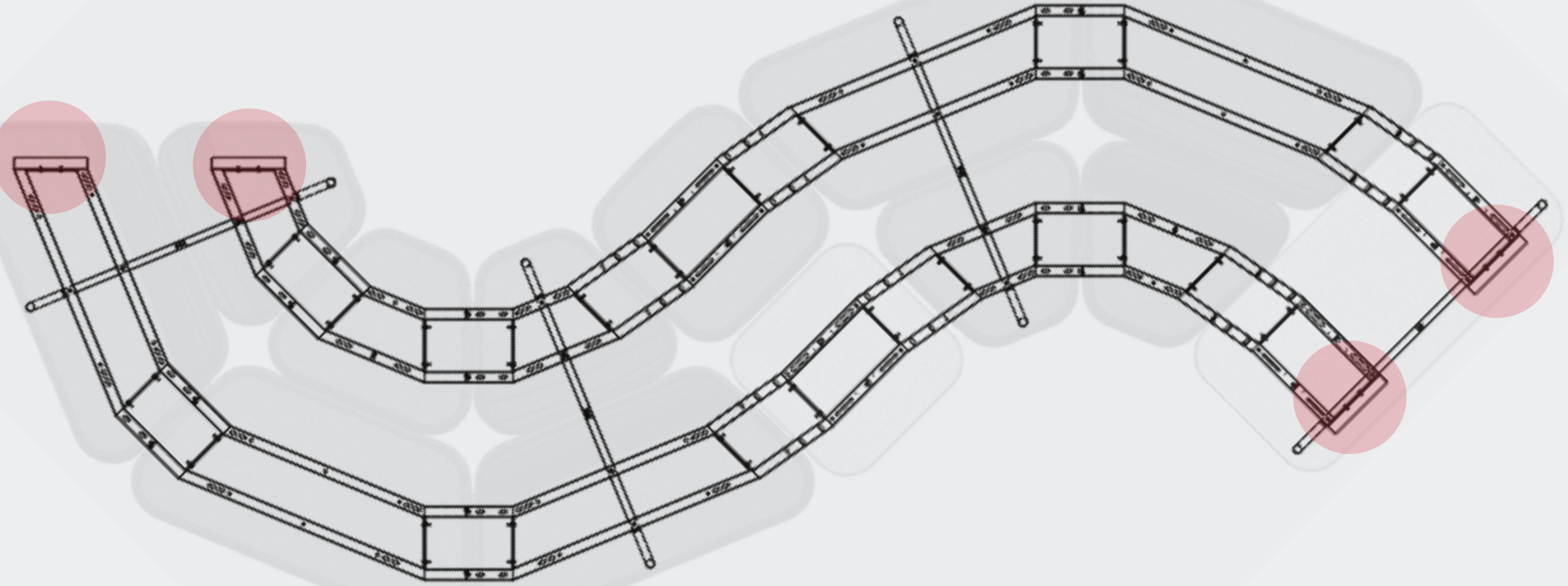
Find the correct metal frames. Fill the gaps with the necessary connection parts.

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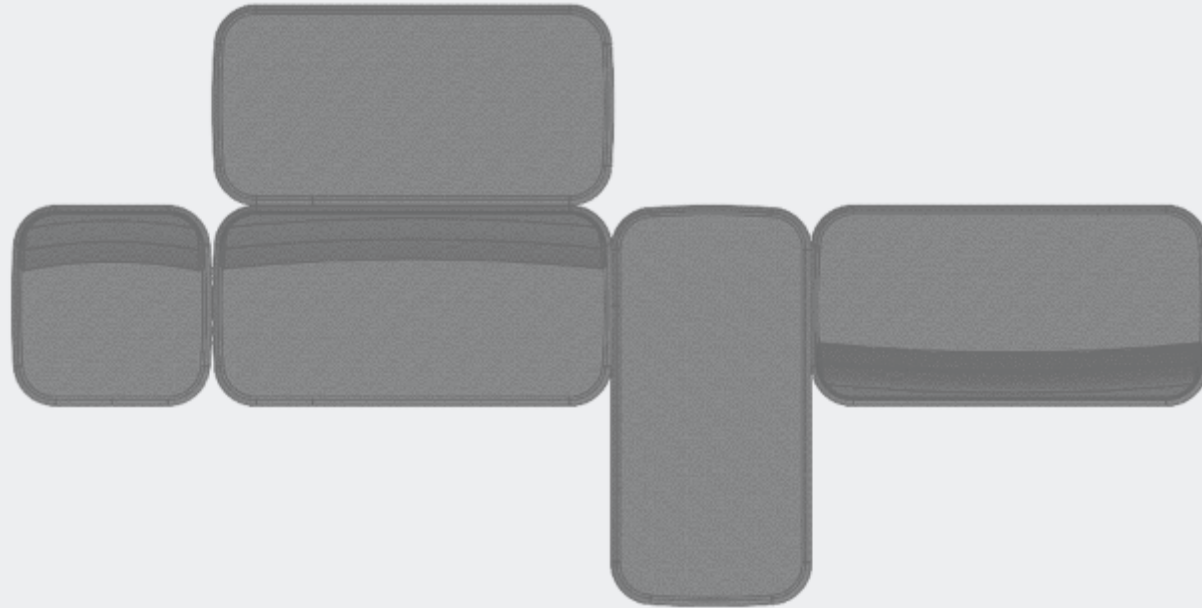
Find the correct metal frames; Fill the gaps with the necessary connection parts; Place the feet in the right places to sustain the sofa and to connect metal frames;

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Find the correct metal frames; Fill the gaps with the necessary connection parts; Place the feet in the right places to sustain the sofa and to connect metal frames; Place the finishing parts.

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Is it possible to assemble the following example?
That's a difficult one. Lets give it a try.

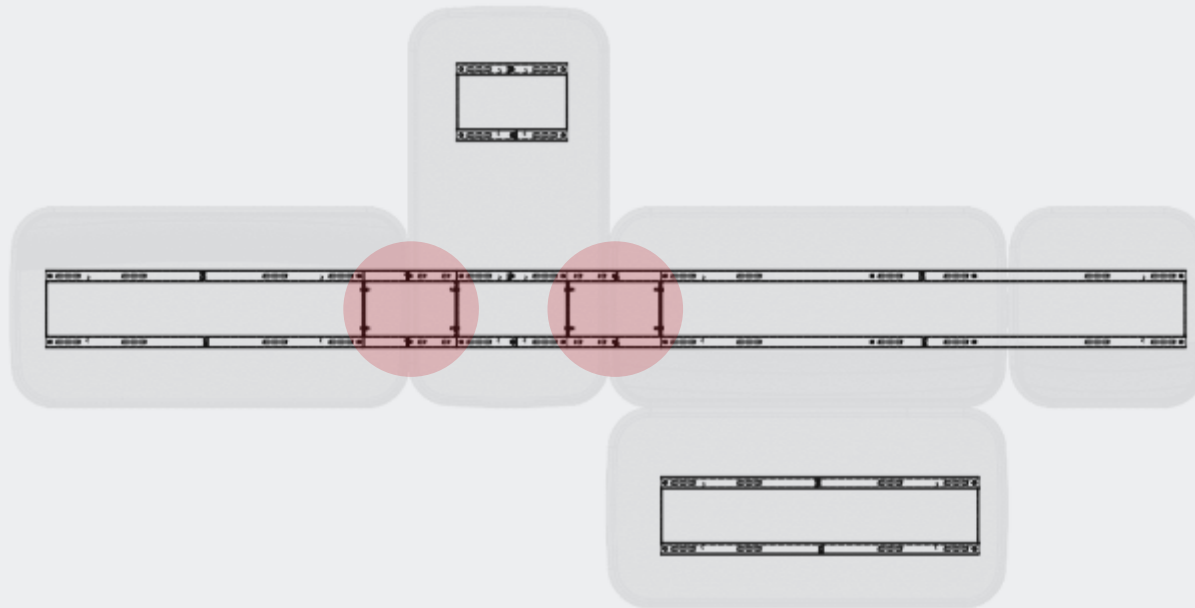
maxdesign



*The choice can be tricky due to the available positions for fixing the feet.

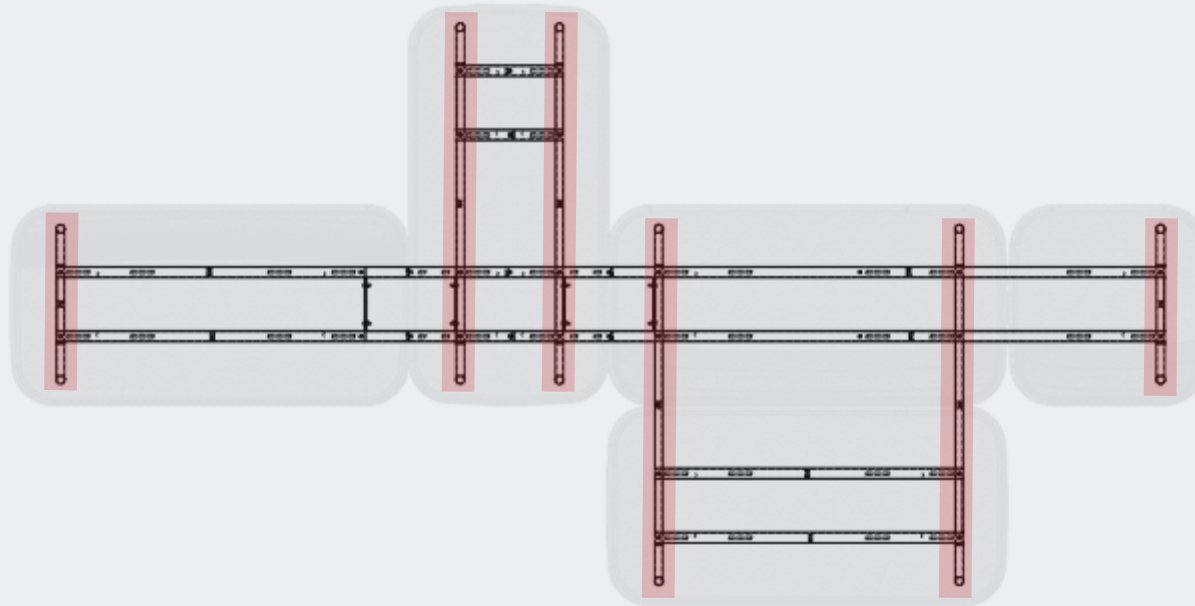
01 - Find the correct metal frames;

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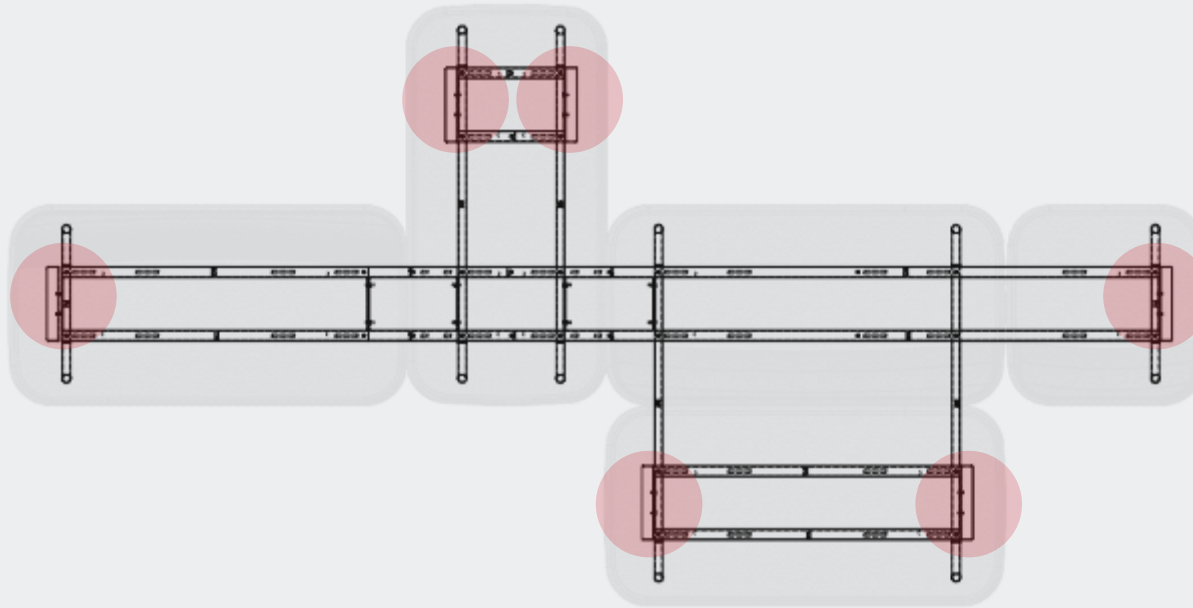
- 01 - Find the correct metal frames;
- 02 - Fill the gaps with the necessary connection parts;

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- 01 - Find the correct metal frames;
- 02 - Fill the gaps with the necessary connection parts;
- 03 - Place the feet in the right places to sustain the sofa
and to connect metal frames;

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- 01 - Find the correct metal frames;
- 02 - Fill the gaps with the necessary connection parts;
- 03 - Place the feet in the right places to sustain the sofa
and to connect metal frames;
- 04 - Place the finishing parts

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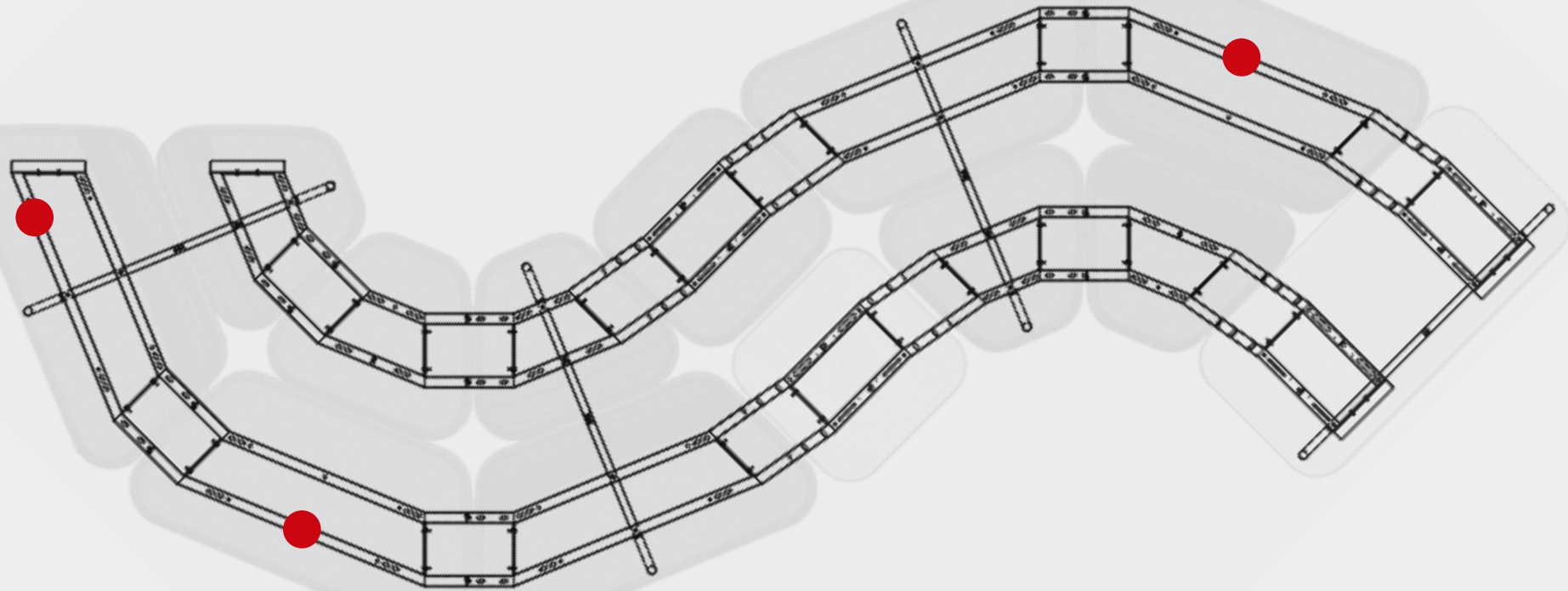
Minor *im*provement

With the aim of improving the resistance of the metal structure in different applications, it was developed a reinforcement feet, which must be placed in strategic positions.

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In the following example, the reinforcement feet would be placed in the positions of least resistance to load.

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Thank you for your *time*

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Inspire. Create. Deliver.