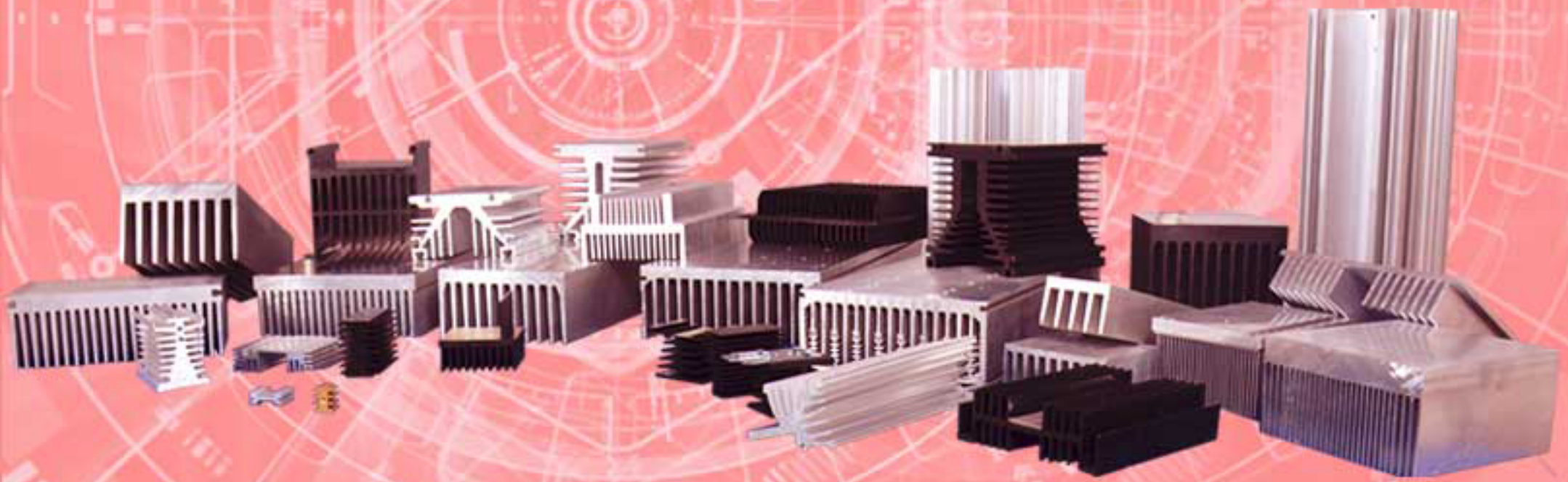




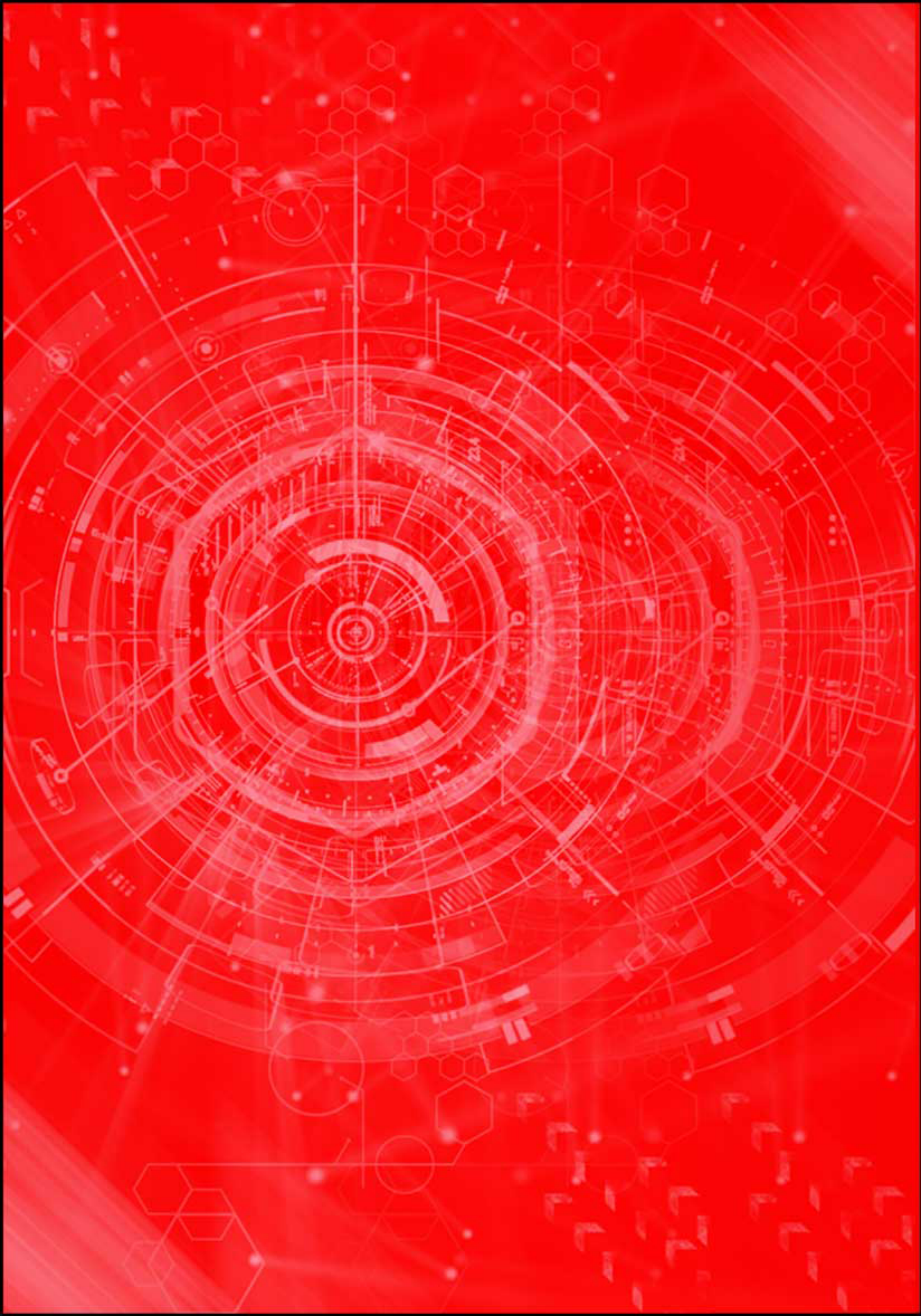
Akash Enterprises

An ISO 9001:2015 Company
India's leading heat sink providers



Our Success MANTRA

"Quality, Out of the box thinking,
technology upgradation"



The Company

Akash Enterprises formerly known as Star Engineering works was pioneered by **Mr. Subhash Bansal** in the year 1992. Mr. Bansal an electronic engineer started his journey by providing quality heat sinks and some machining jobs at its initial stage. The only objective was to provide **QUALITY SOLUTION** with the use of high standard raw material.

As of March 2019 the company has a turnover of **1.2 million dollars** annually, has its production unit spread across **11000 sq.ft.** with efficient staff of over 35 employees. With a view to expand exponentially Mr. Bansal has his second generation joining in, Mr. Akash Bansal the only successor has efficiently adapted to the culture of Akash Enterprises and is all geared up to take the organisation to the next level.

The company acquired its **ISO CERTIFICATION** in the year 2011 and is now working briskly towards meeting other international standards. The success mantra for the company has always been Quality, out of the box thinking and technology up-gradation. The commitment towards excellence has earned them opportunities to work with some of the **fortune 500 companies**.

Akash Enterprises has all the intentions and is working towards increasing its productivity two folds in the coming years. Another milestone achieved is providing **skiving heat sinks solutions** and **press fit high density type heat sink**. Evidently the company is extensively working towards increasing its efficiency adding values to its current production chain and providing further customisable options to cater varied client requirements.

Growth



**As of
March
2019**

Infrastructure

The shop floor at Akash Enterprises uses some of the latest automatic VMC's enabling them to produce heat sinks and similar products to any size and shape. Some of the machines used are **BFW XTRON, BFW Chandra, BWF Gaurav, SIEMENS SINUMERIK 80SD, VERTICAL MILLING MACHINE** etc. Use of these machines and the will to excel encourages the company to deliver high precision jobs with ease.



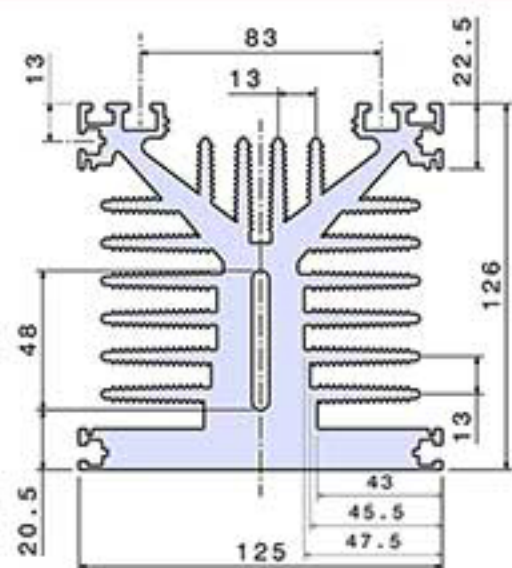
Friction stir welding: The technology is used to join two pieces of metal leaving no mark on the joints, it makes the job a homogeneous single piece with extensive weld strength giving the liberty to provide bonded heat sinks upto **1200 mm** in length and more. As of 2019, Akash Enterprises is delivering around **15-20 tones** every month to various clients across nation. The storage capacity as if now is over **100 tons**. As per the expansion plans investment in the machinery for skiving heat sink and press fit are expected to increase the productivity aggressively.

Other than regular **heat sinks** and **bonded fins**, Akash Enterprises now is all set to deliver **skiving heat sinks** and related solutions to meet the growing need for **high density fins**. The up-gradation is expected to open doors to International markets, providing intelligent solutions globally.

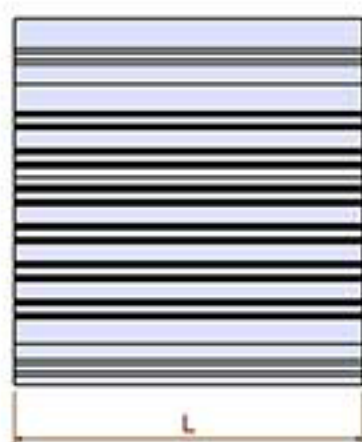
Clients

1. **ABB**
2. **Semikron**
3. **Vertiv**
4. **Emerson**
5. **Digatron Ador India**
6. **Consul Neowatt**
7. **Ador Welding**
8. **Rieter**
9. **Ador Powerton**
10. **Instruments**
11. **AAL autometers Alliance**
12. **Siemensv**

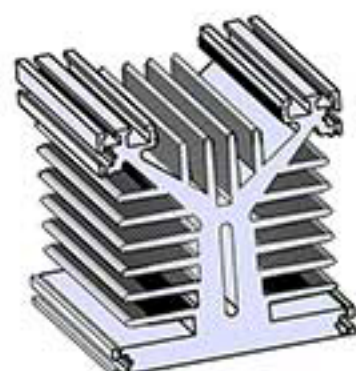
and the list continues...



Front view
Scale: 17:20

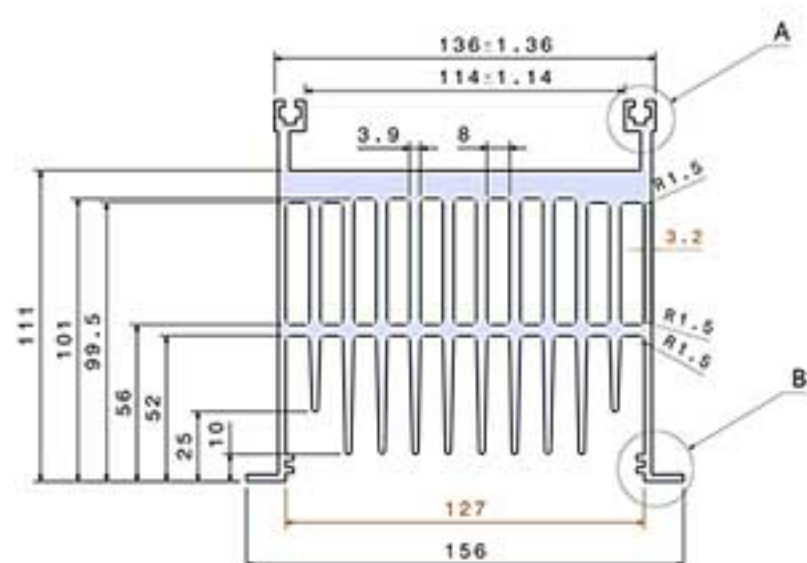


Left view
Scale: 17:20



Isometric view
Scale: 3:5

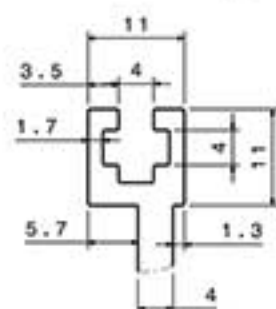
201 WH



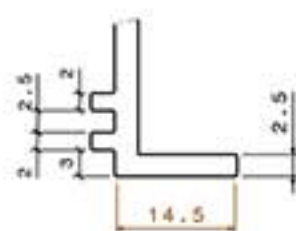
Front view
Scale: 4:5



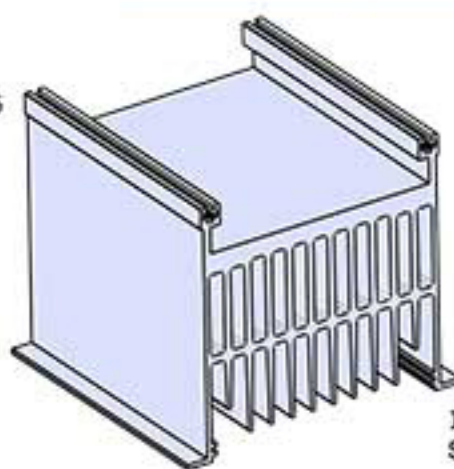
Left view
Scale: 4:5



Detail A
Scale: 5:2

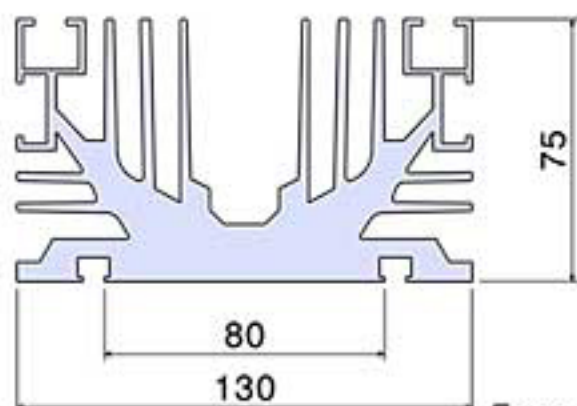


Detail B
Scale: 5:2



Isometric view
Scale: 3:5

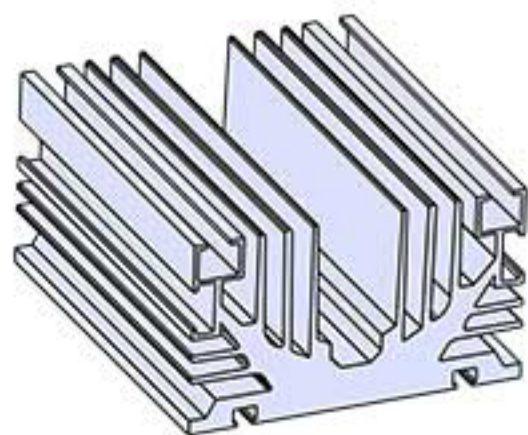
HS 201 MH



Front view
Scale: 1:1



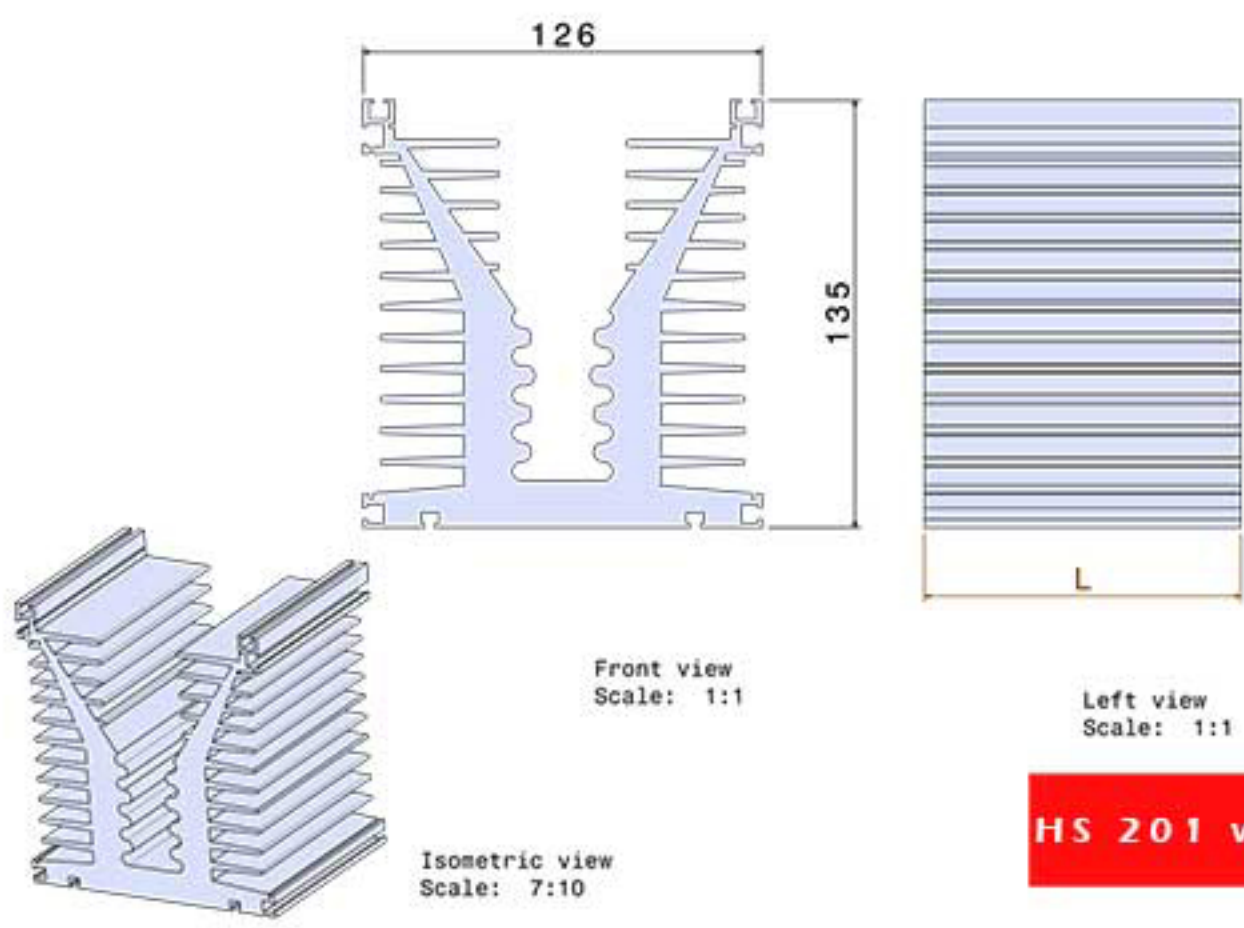
Left view
Scale: 1:1



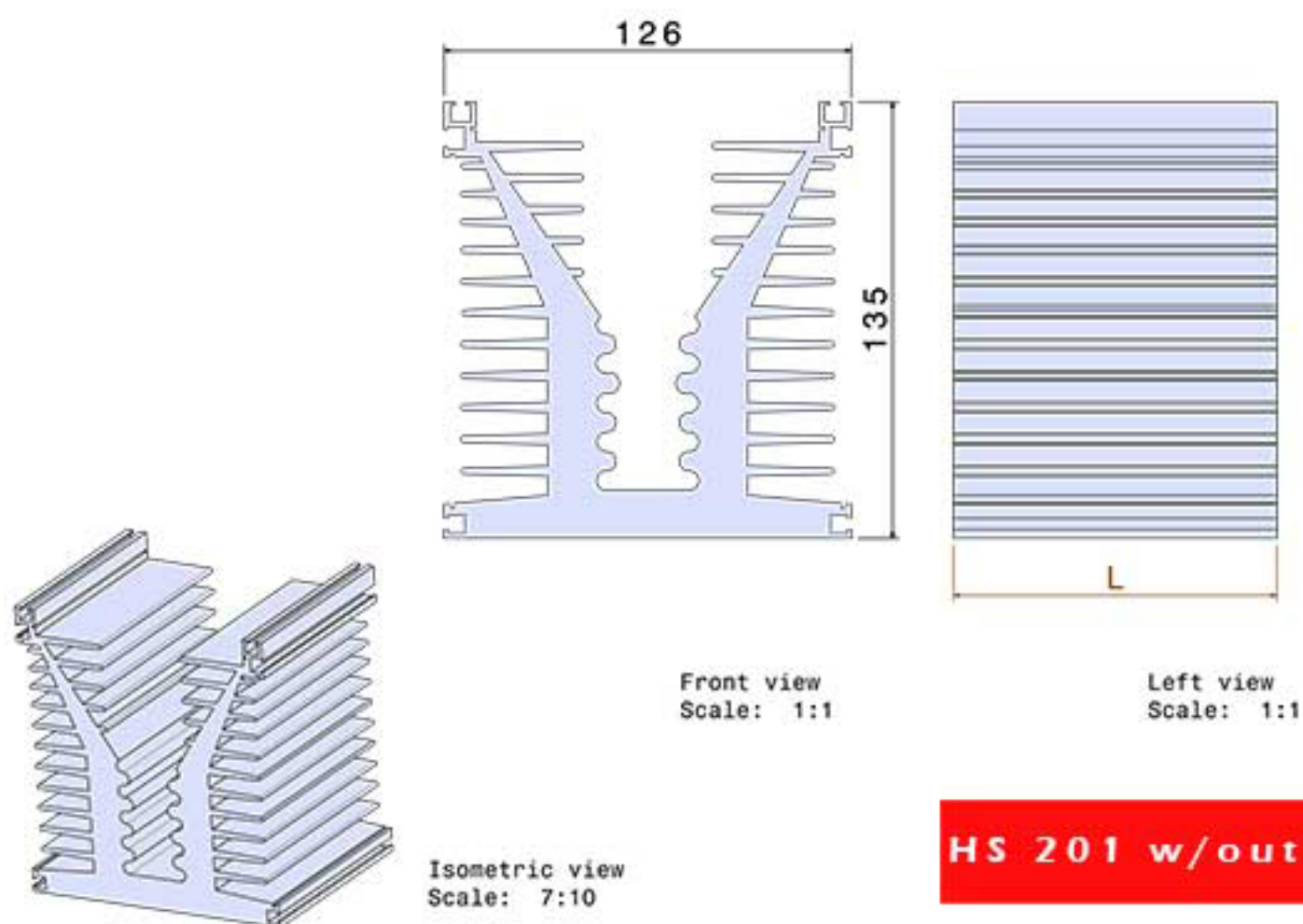
Isometric view
Scale: 4:5

HS 201 Half

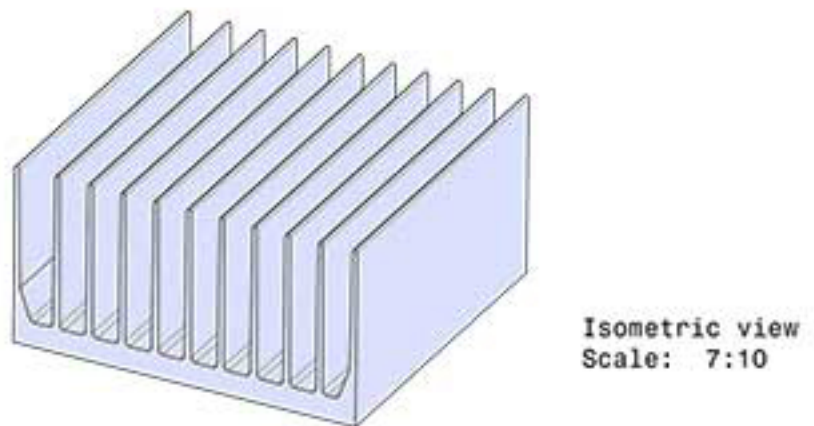
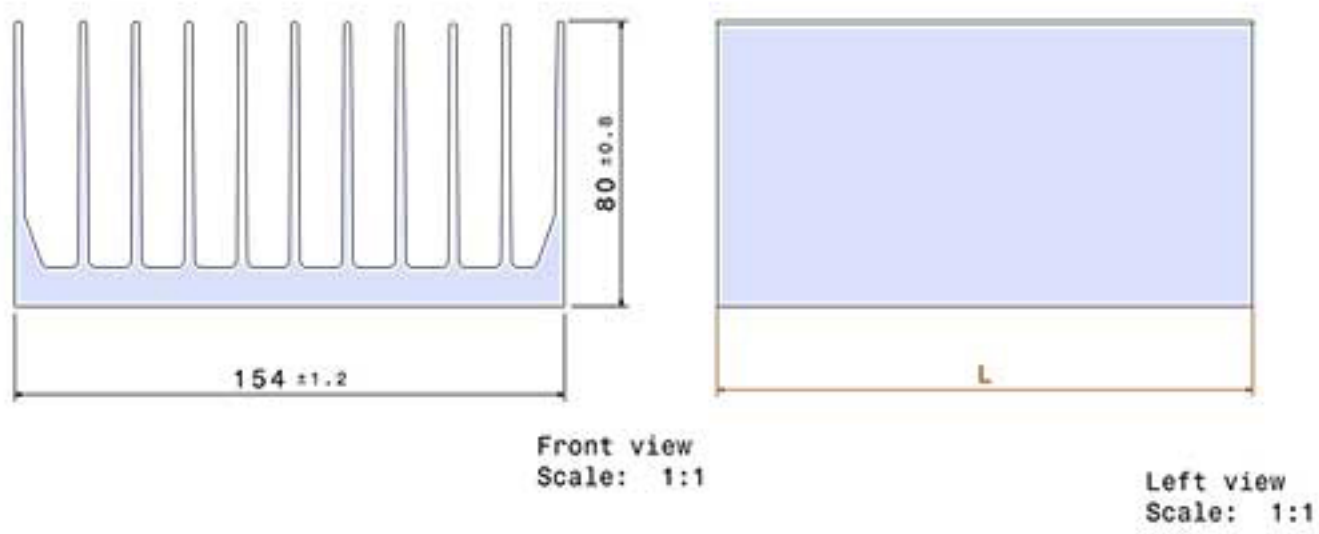
Thyristor Heat Sinks



HS 201 with slot

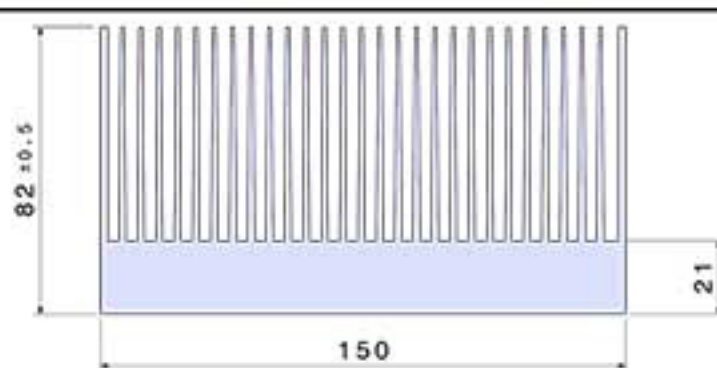


HS 201 w/out slot



HS 154 X 80

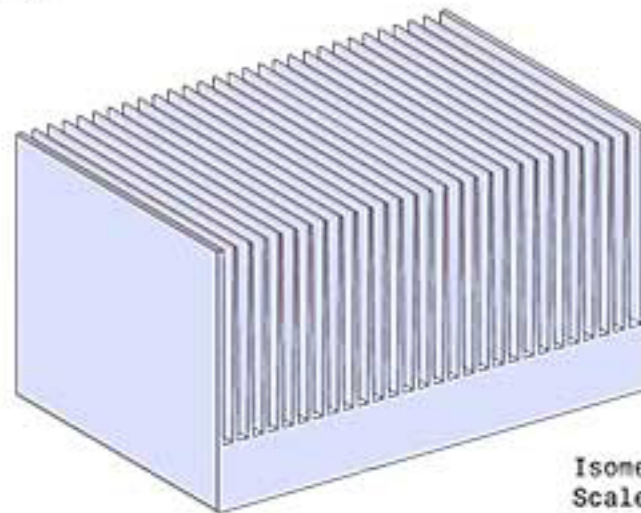
Thyristor Heat sinks



Front view
Scale: 1:1

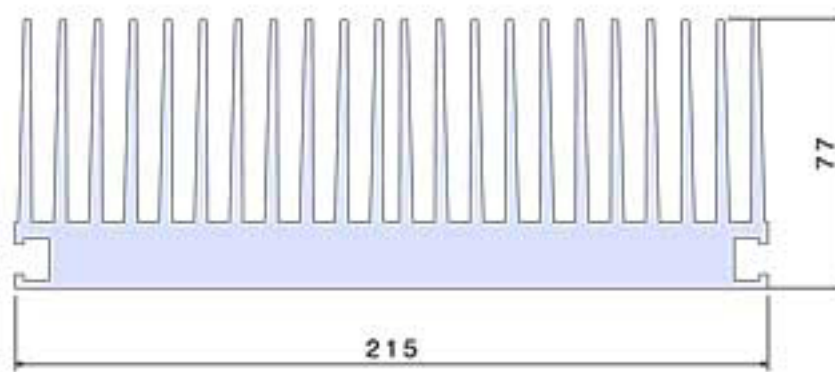


Left view
Scale: 1:1



Isometric view
Scale: 1:1

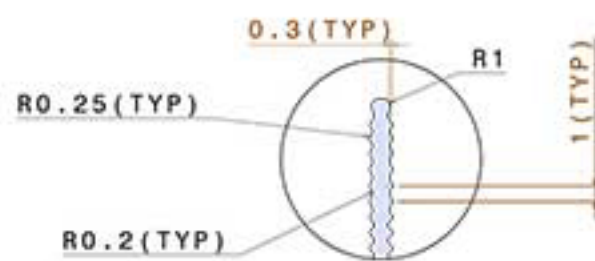
HS 150 X 82



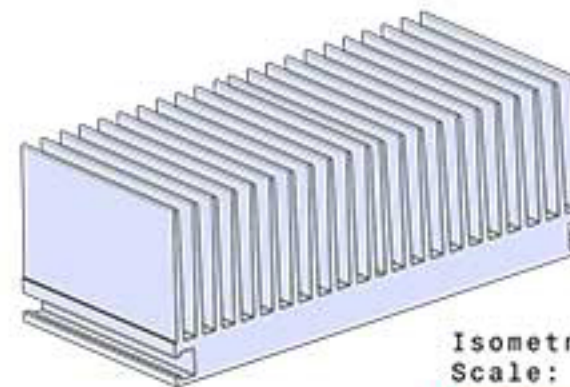
Front view
Scale: 1:1



Left view
Scale: 1:1

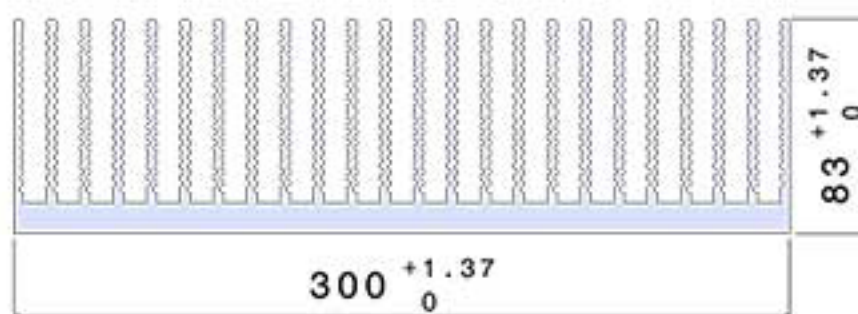


Detail view



Isometric view
Scale: 7:10

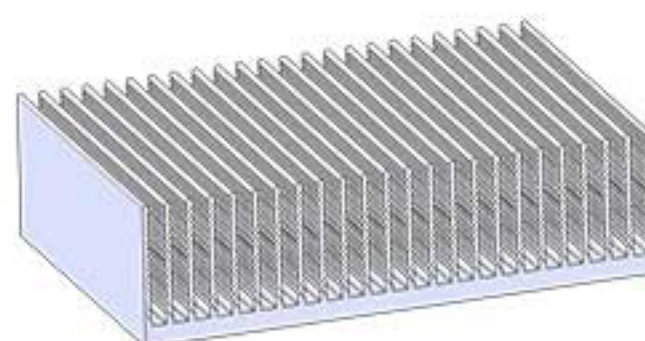
HS 215 LT



Front view
Scale: 1:1



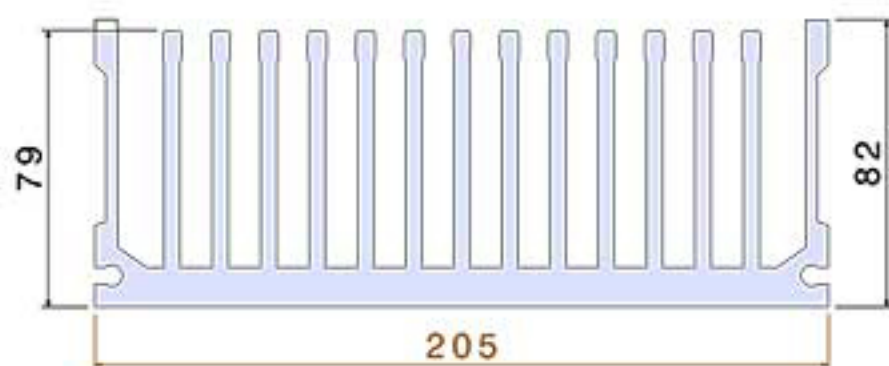
Left view
Scale: 1:1



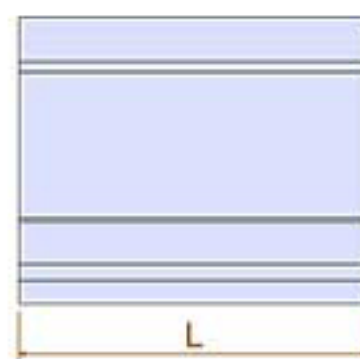
Isometric view
Scale: 7:10

K 300

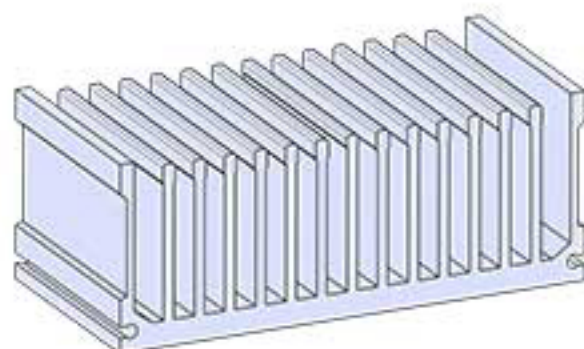
80 series



Front view
Scale: 1:1

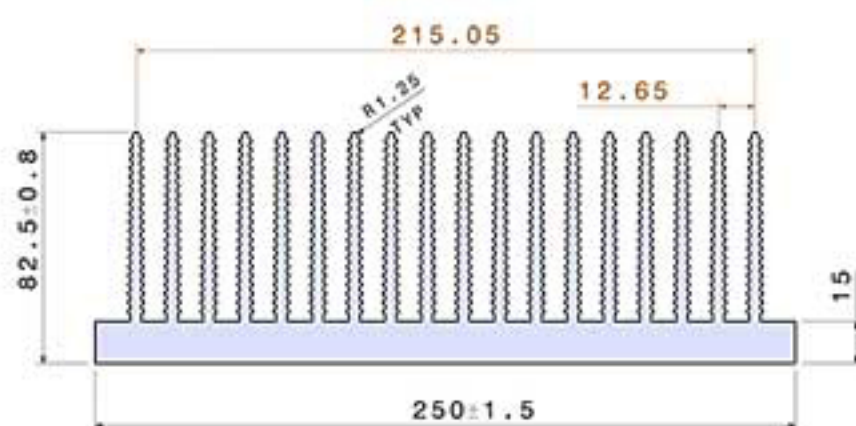


Left view
Scale: 1:1

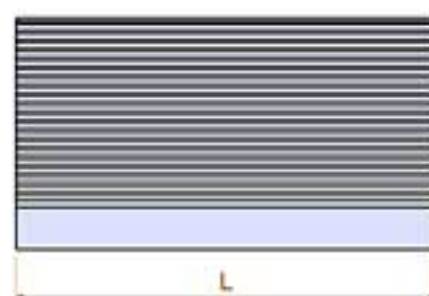


Isometric view
Scale: 7:10

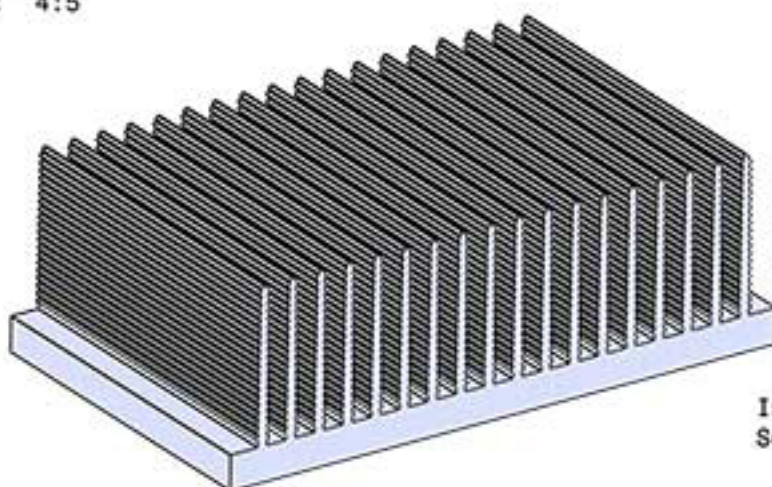
HS 205



Front view
Scale: 4:5

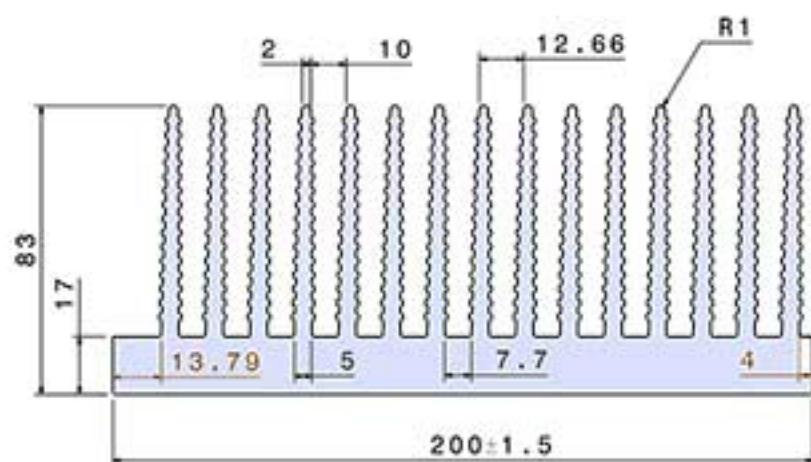


Left view
Scale: 4:5

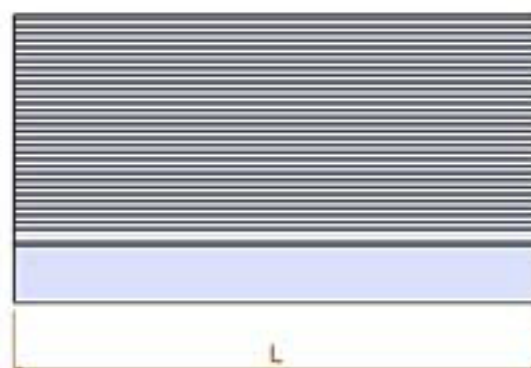


Isometric view
Scale: 3:4

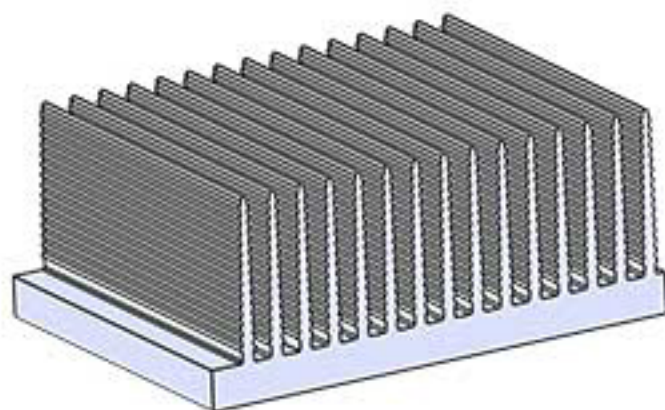
HS 250 X 82



Front view
Scale: 1:1

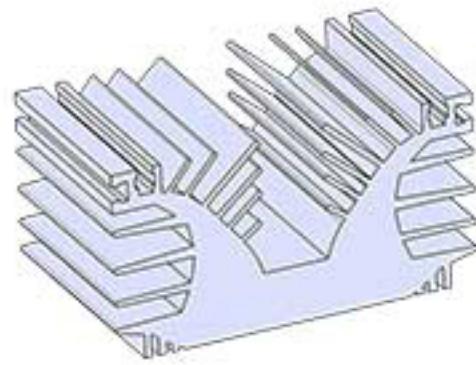
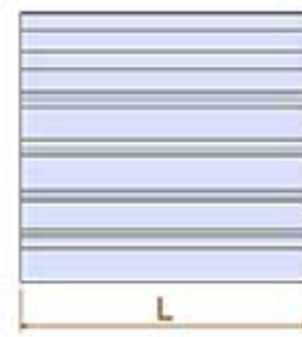
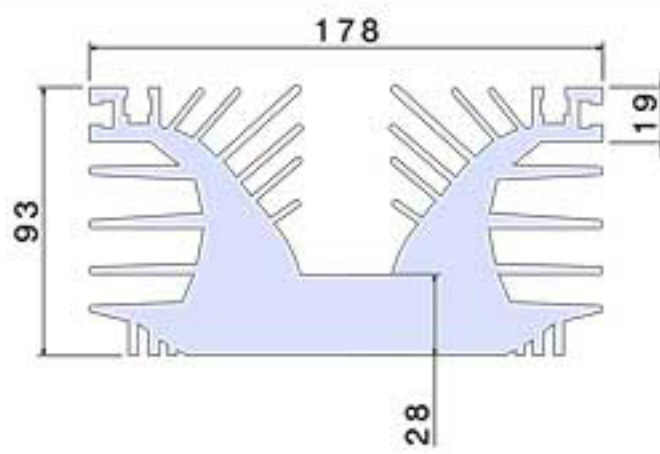


Left view
Scale: 1:1

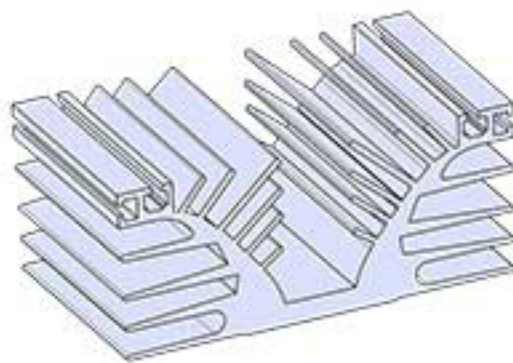
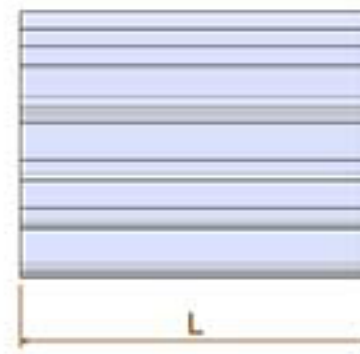
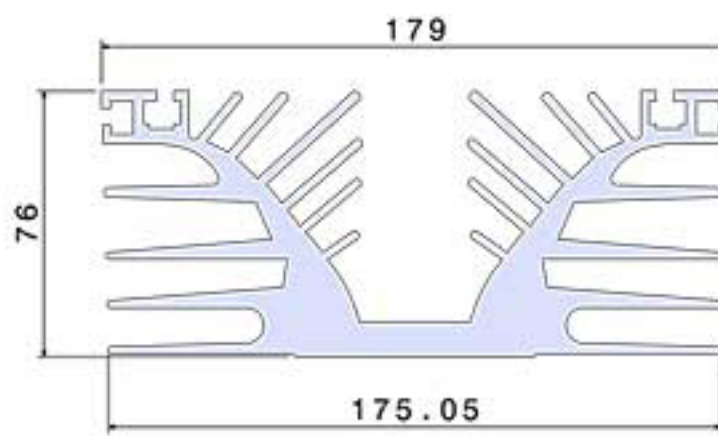


Isometric view
Scale: 3:4

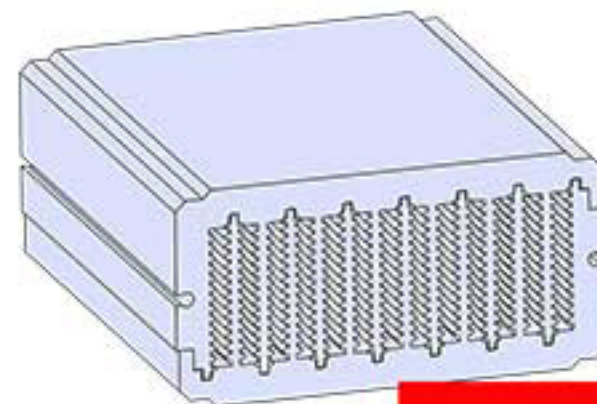
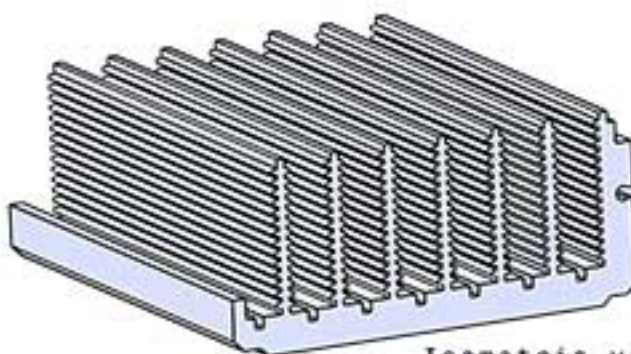
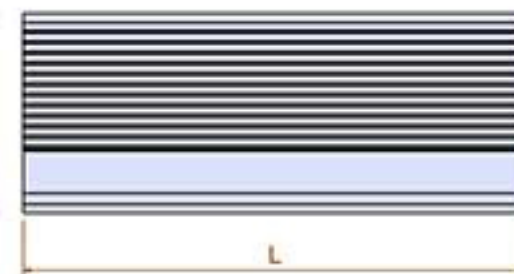
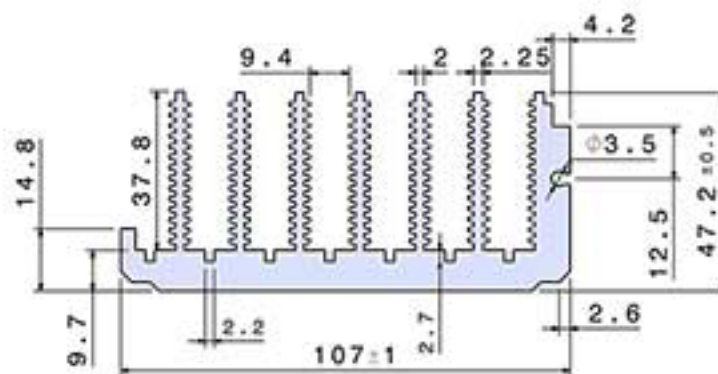
HS 200 X 82



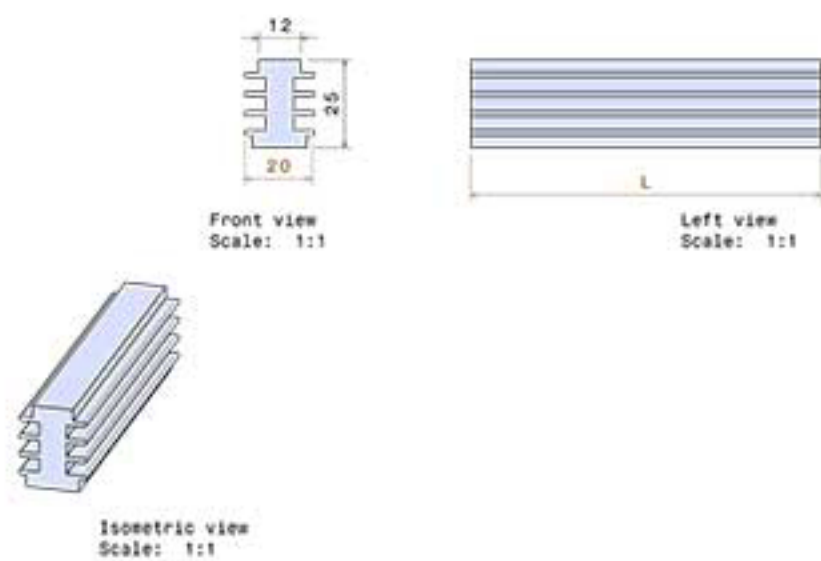
HS 202 Heavy



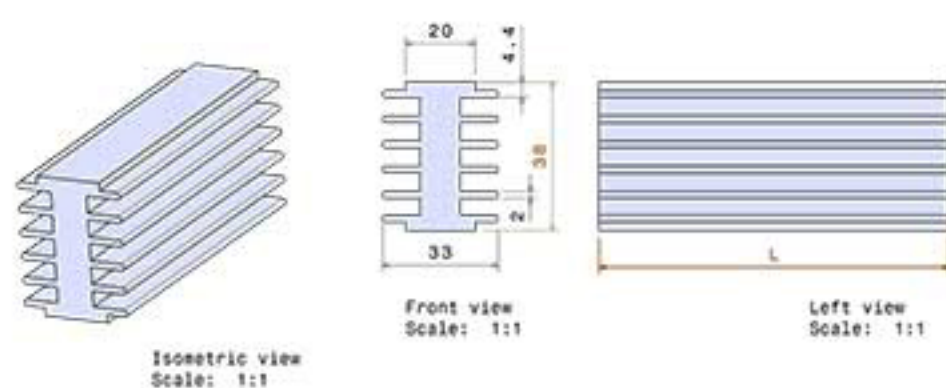
HS 202 / 350 HT



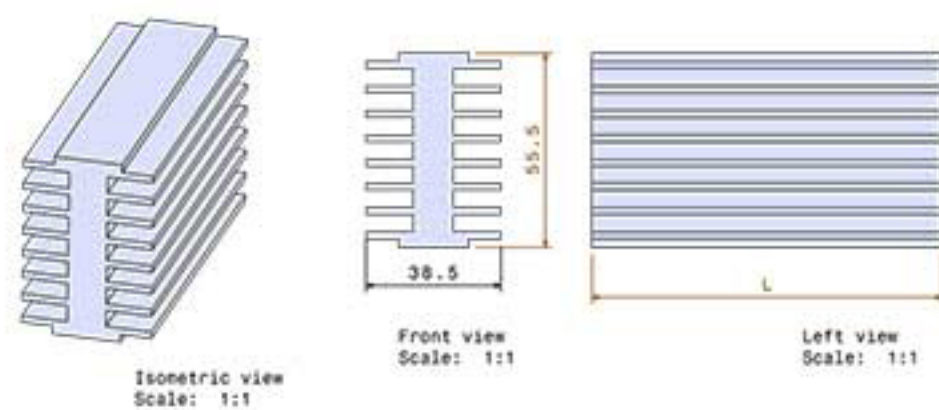
HS 104 X 47-TB



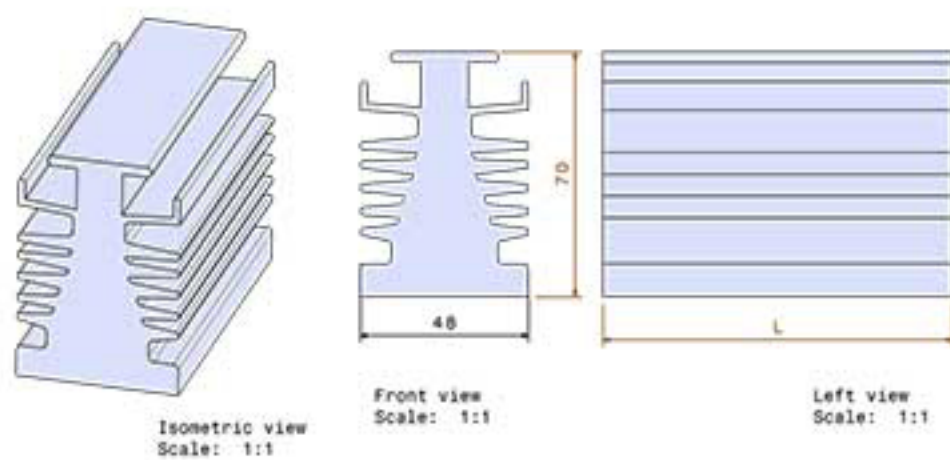
K1 HS101



K2 HS102

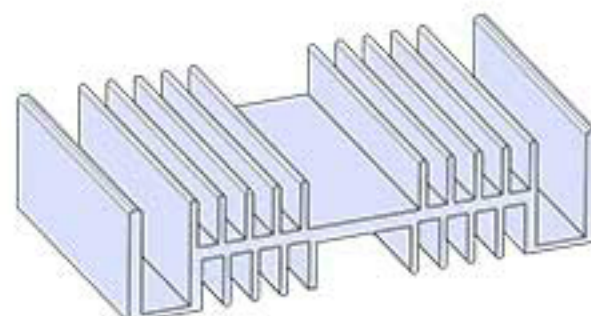
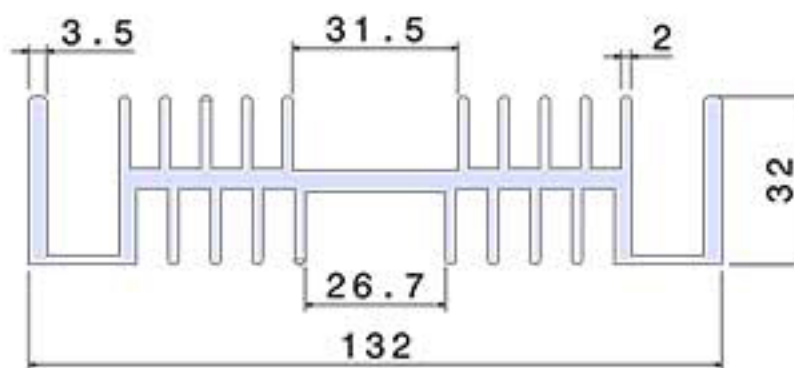
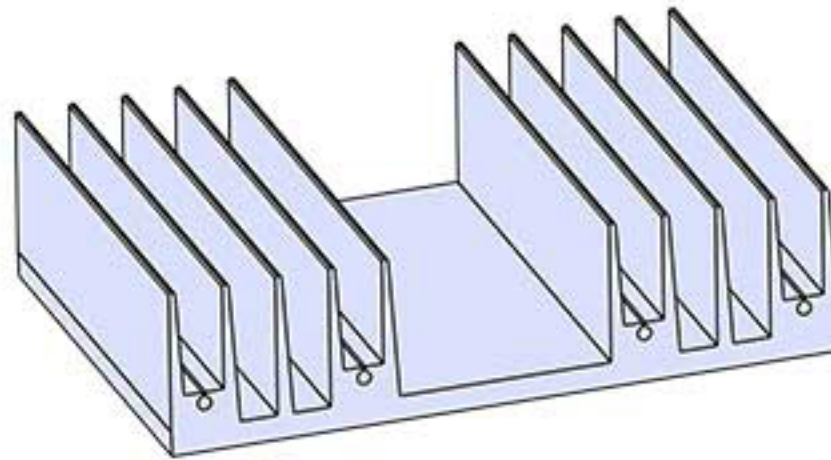
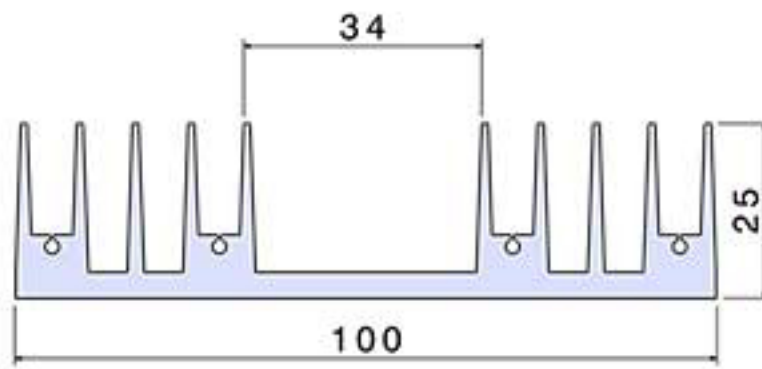
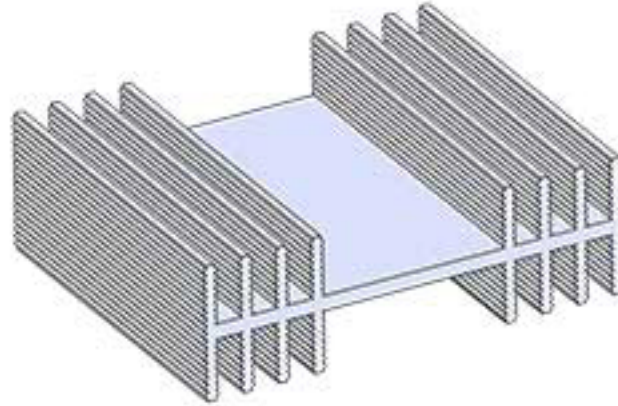
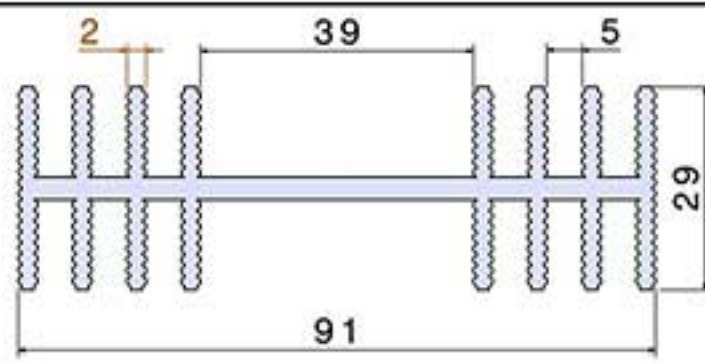


K3 HS103



K4 HS104

Category A

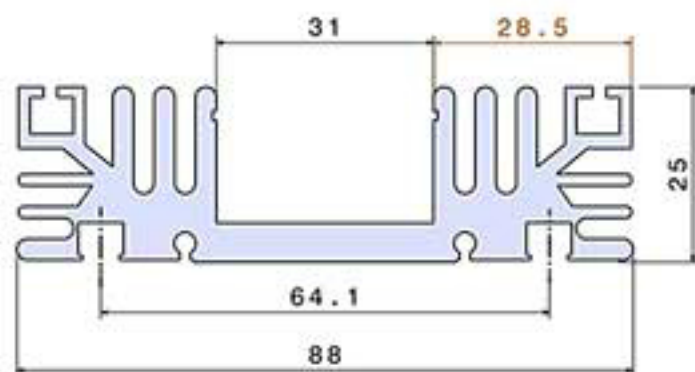


HS 8

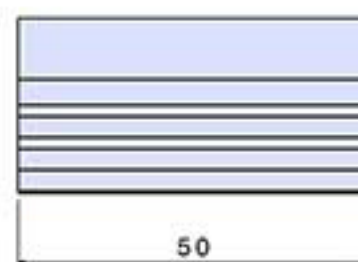
HS 9

HS 10

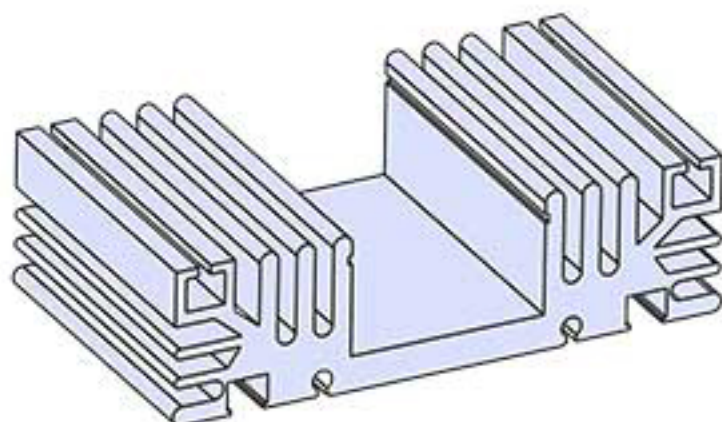
PCB Category B



Front view
Scale: 2:1

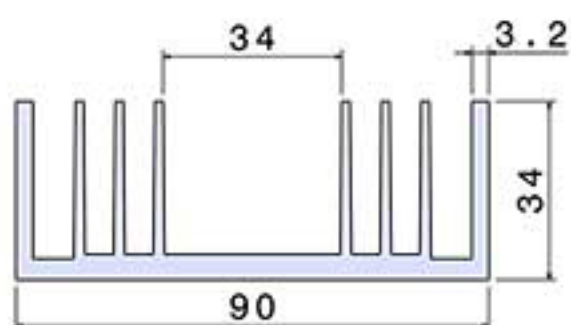


Left view
Scale: 2:1



Isometric view
Scale: 2:1

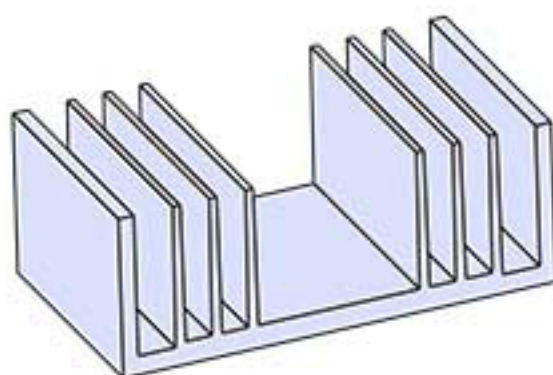
HS 5



Front view
Scale: 3:2

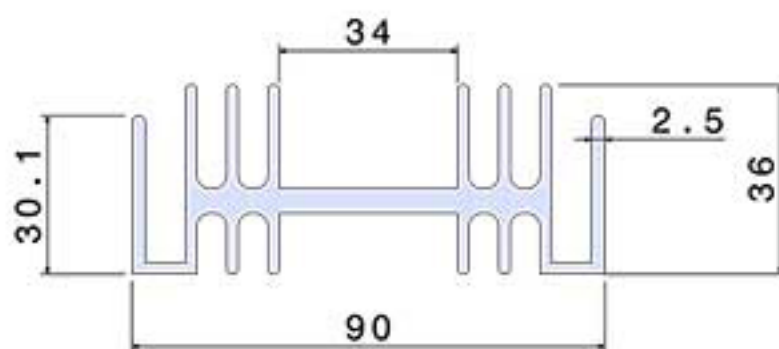


Left view
Scale: 3:2

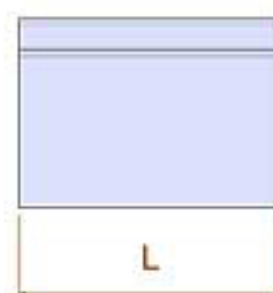


Isometric view
Scale: 3:2

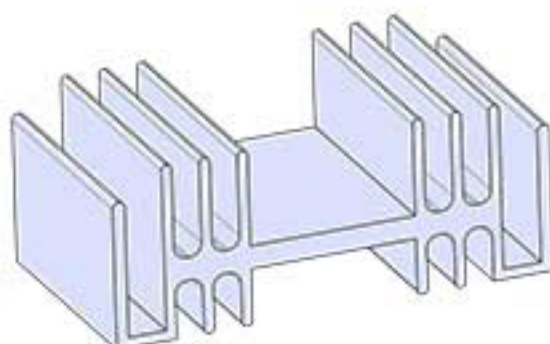
HS 6



Front view
Scale: 3:2



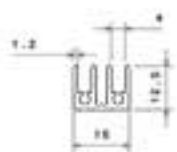
Left view
Scale: 3:2



Isometric view
Scale: 3:2

HS 7

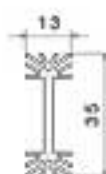
Category B
PCB



Front view
Scale: 1:1



Left view
Scale: 1:1



Front view
Scale: 1:1



Left view
Scale: 1:1



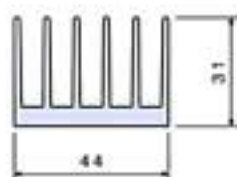
Isometric view
Scale: 1:1



Isometric view
Scale: 1:1

HS 109

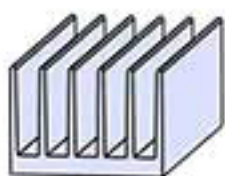
HS 110



Front view
Scale: 1:1

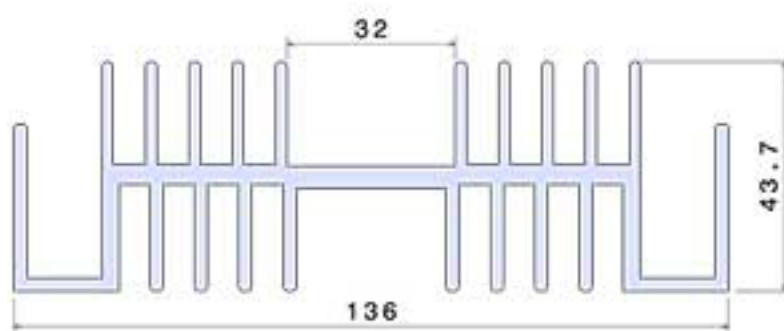


Left view
Scale: 1:1



Isometric view
Scale: 1:1

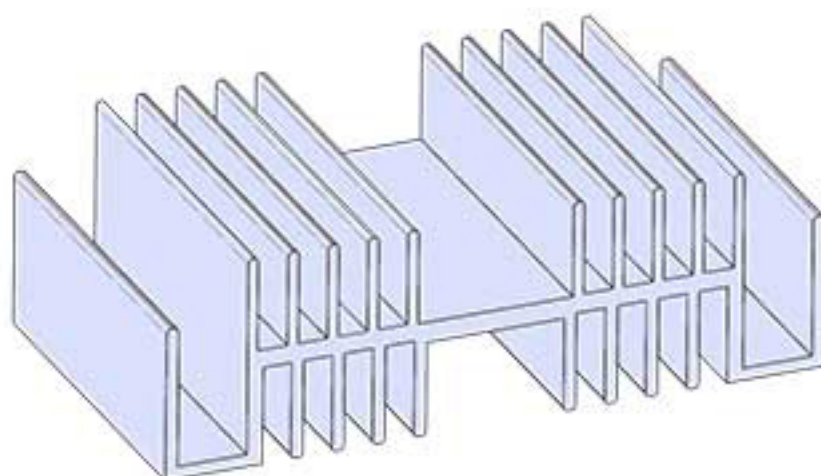
HS 111



Front view
Scale: 3:2



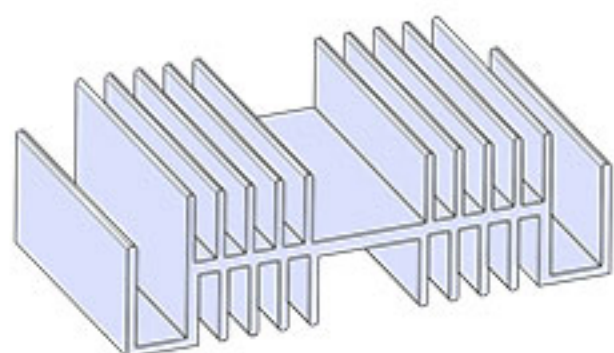
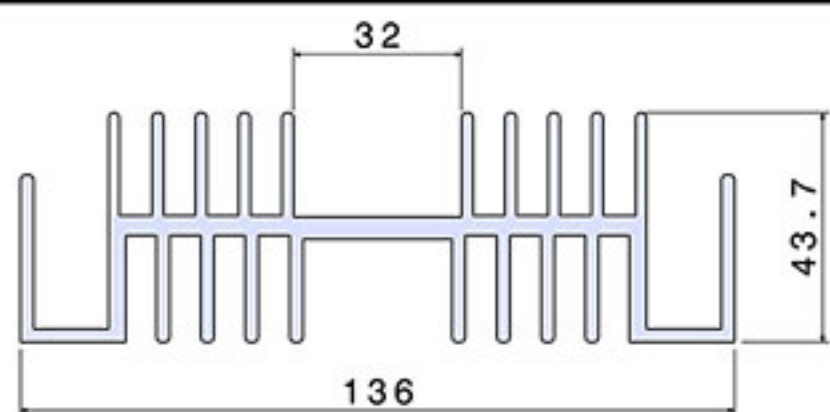
Left view
Scale: 3:2



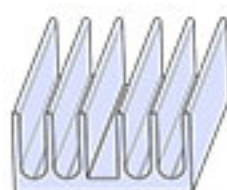
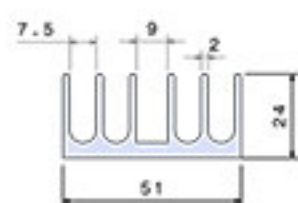
Isometric view
Scale: 3:2

HS 112

PCB Category B



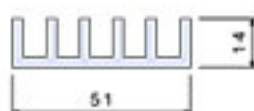
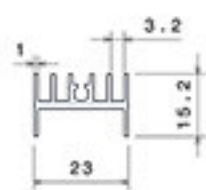
HS 11



HS 105



HS 106



HS 108



HS 107

A diagram of a composite figure. The top horizontal edge is labeled 57. The right vertical edge is labeled 34. The bottom-left corner is a rectangular cutout with a width of 30, indicated by a dimension line.

A diagram of a rectangular prism. The bottom edge is labeled with the letter L .

Technical drawing of a mechanical part, likely a bracket or support structure, showing dimensions in millimeters. The part is symmetrical about a vertical centerline. Key dimensions include:

- Overall width: 65.8
- Overall height: 32.2
- Top horizontal segments: 31, 34.8
- Vertical segments: 14, 12
- Horizontal segments: 4.4, 1.4, 7.2, 5.1, 5.6, 6.2
- Radius: R2

A diagram showing a rectangular domain. A horizontal line is drawn near the bottom of the rectangle. Below this line, a dimension L is indicated, representing the width of the domain.

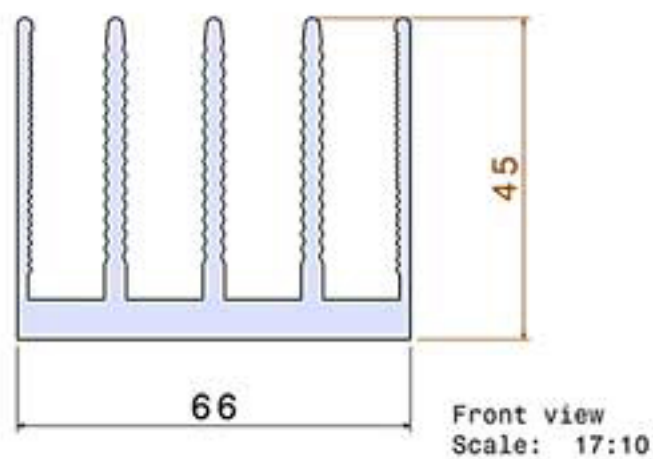
HS 66 X 32

Technical drawing of a mechanical part. The part has a total width of 88 and a total height of 32. A section of the bottom edge, with a width of 29.5, is highlighted in orange. The part features a series of vertical slots or fins along its length.

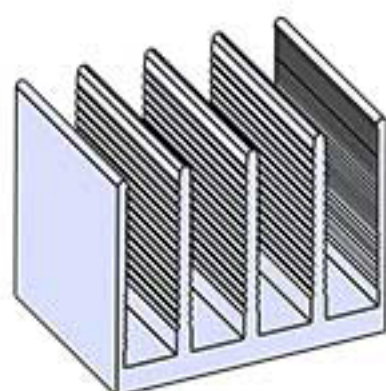
A diagram of a rectangular box divided horizontally. The top half is light blue and the bottom half is light yellow. The bottom half is labeled with a brown 'L'.



PCB Category C

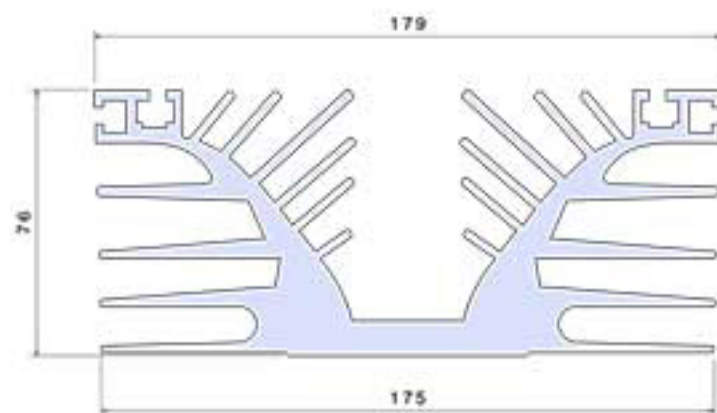


Left view
Scale: 17:10



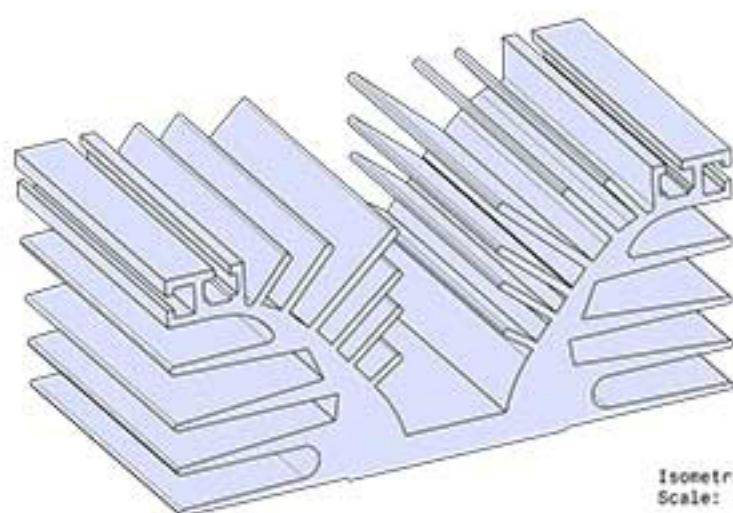
Isometric view
Scale: 13:10

HS 66 X 45



Front view
Scale: 1:1

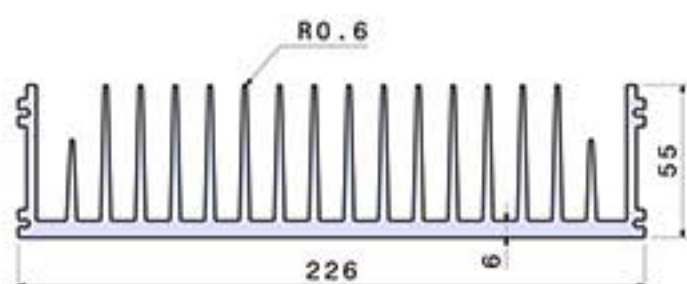
Left view
Scale: 1:1



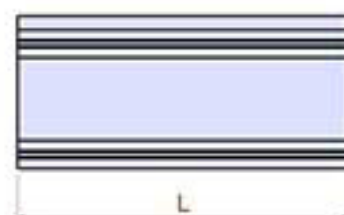
Isometric view
Scale: 1:1

HS 350 HT

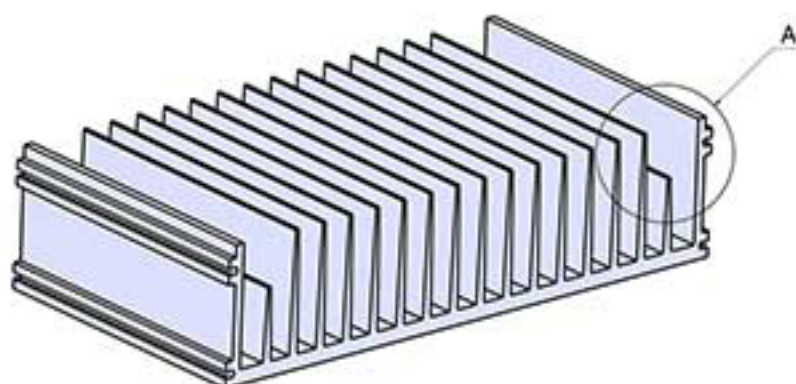
Category C
PCB



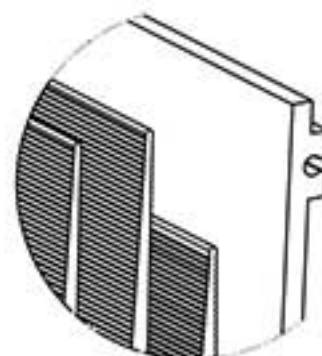
Front view
Scale: 4:5



Left view
Scale: 4:5



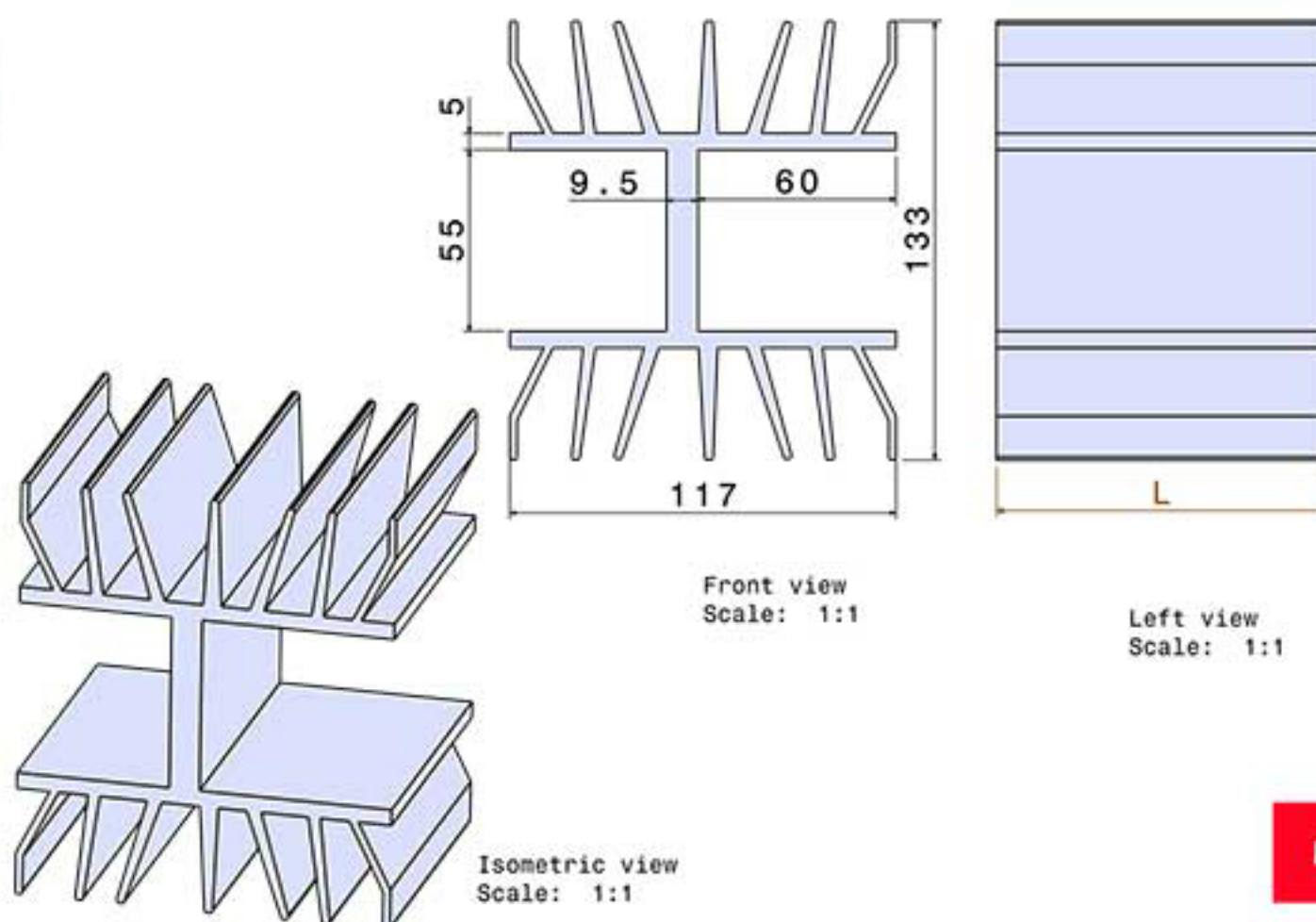
Isometric view
Scale: 4:5



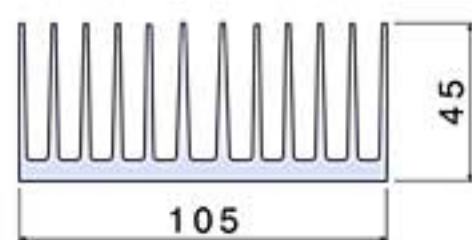
Detail A
Scale: 2:1

HS 226 Delta

200 Series



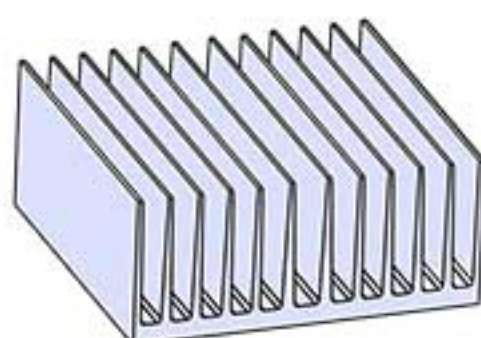
HS 203



Front view
Scale: 1:1

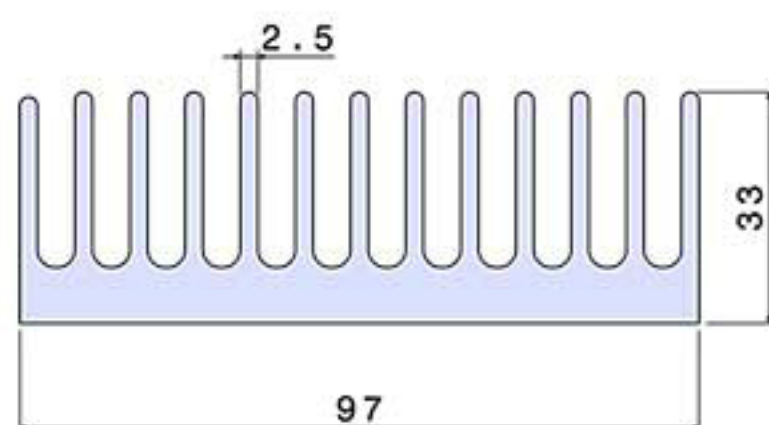


Left view
Scale: 1:1



Isometric view
Scale: 1:1

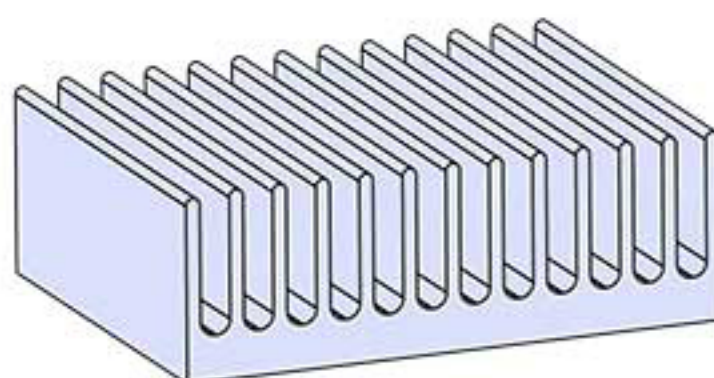
HS 206



Front view
Scale: 2:1

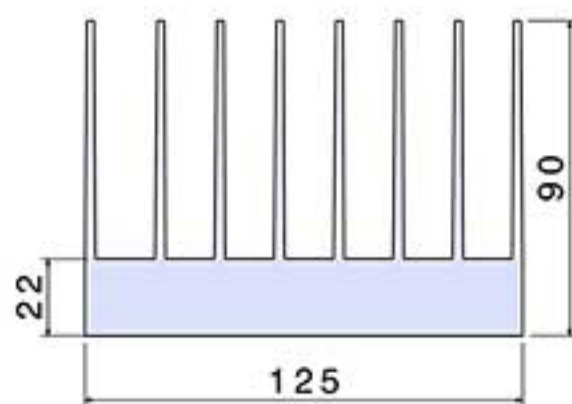


Left view
Scale: 2:1



Isometric view
Scale: 17:10

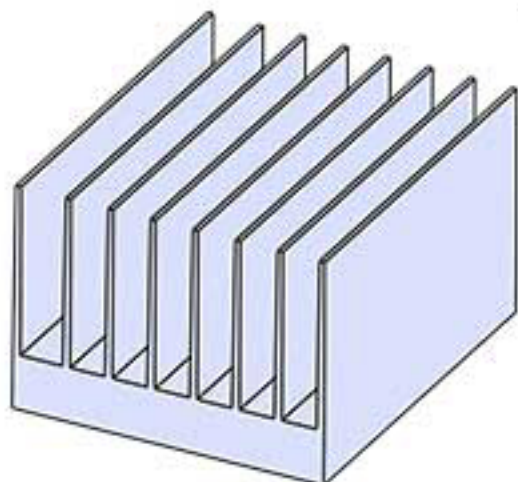
HS 207



Front view
Scale: 1:1

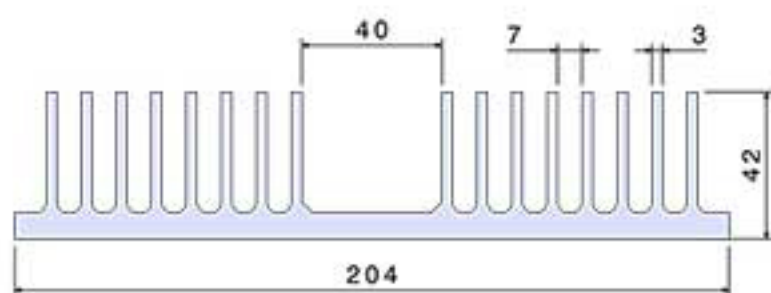


Left view
Scale: 1:1



Isometric view
Scale: 4:5

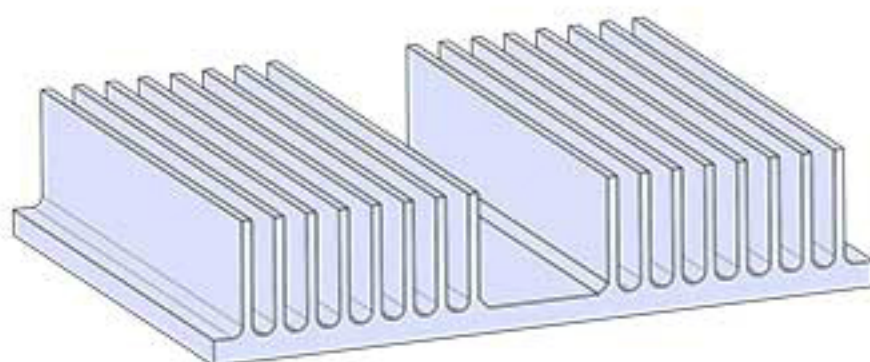
HS 209



Front view
Scale: 1:1

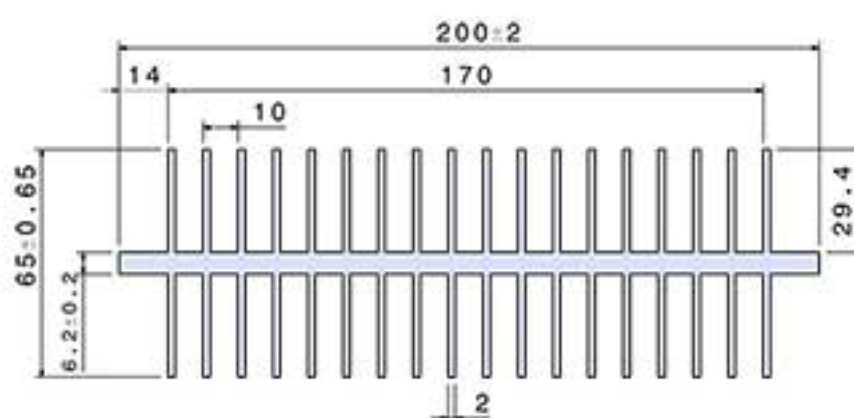


Left view
Scale: 1:1

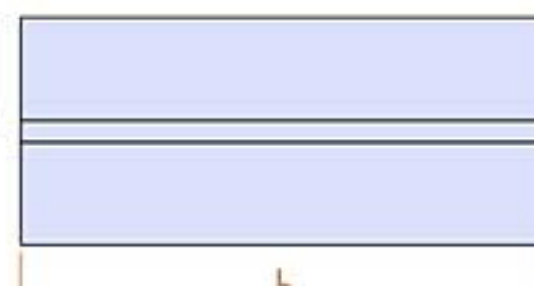


Isometric view
Scale: 1:1

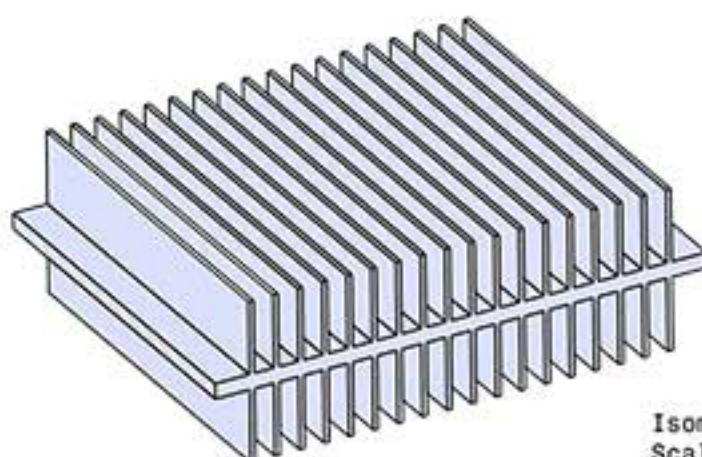
HS 204



Front view
Scale: 1:1



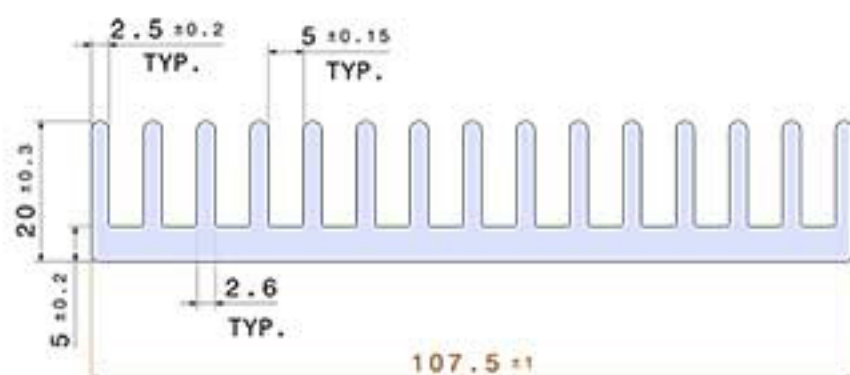
Left view
Scale: 1:1



Isometric view
Scale: 4:5

200 DS

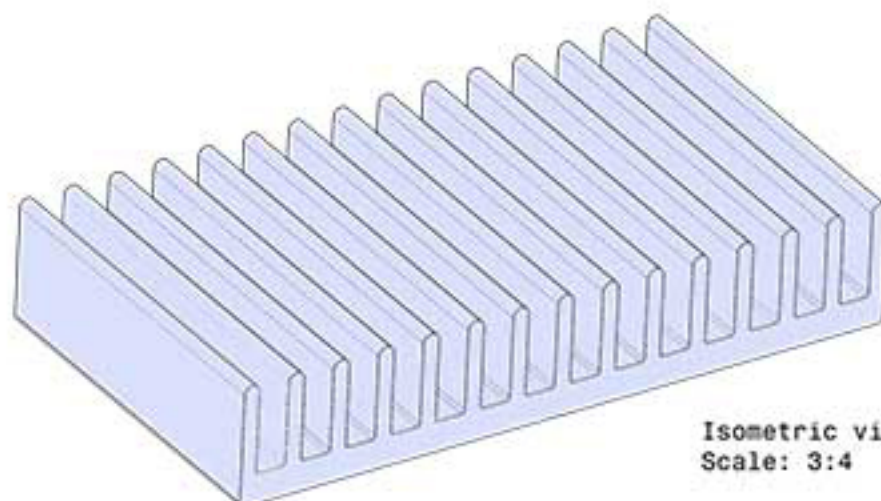
200 series



Front view
Scale: 4:5

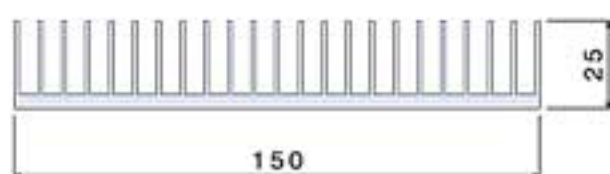


Left view
Scale: 4:5

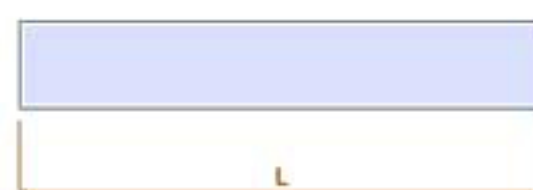


Isometric view
Scale: 3:4

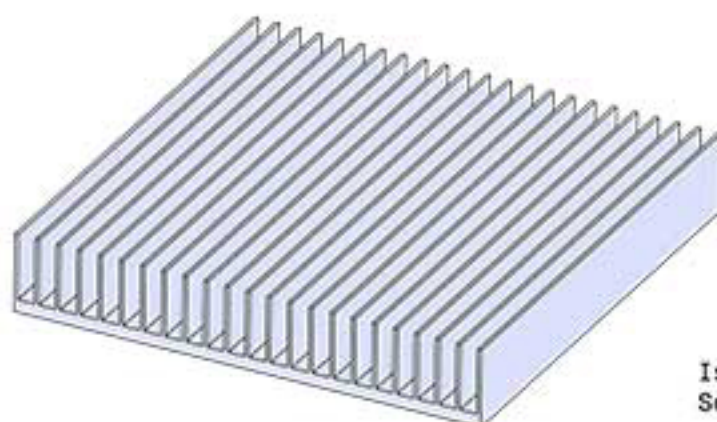
HS 108 X 20



Front view
Scale: 1:1

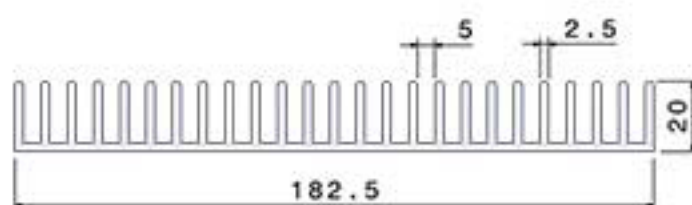


Left view
Scale: 1:1



Isometric view
Scale: 1:1

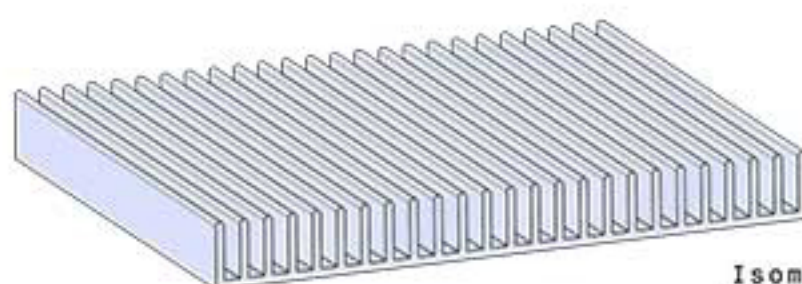
HS 150 X 25



Front view
Scale: 1:1



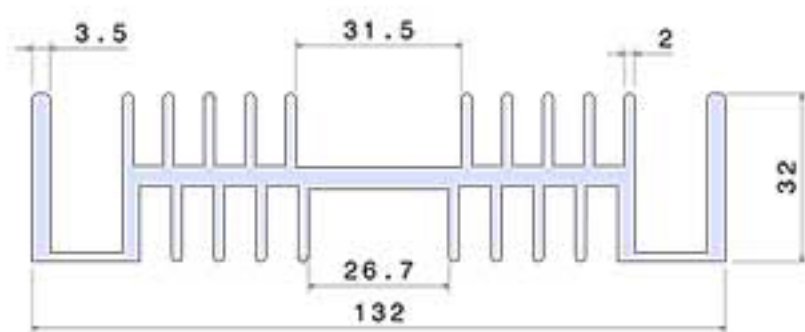
Left view
Scale: 1:1



Isometric view
Scale: 1:1

HS 208

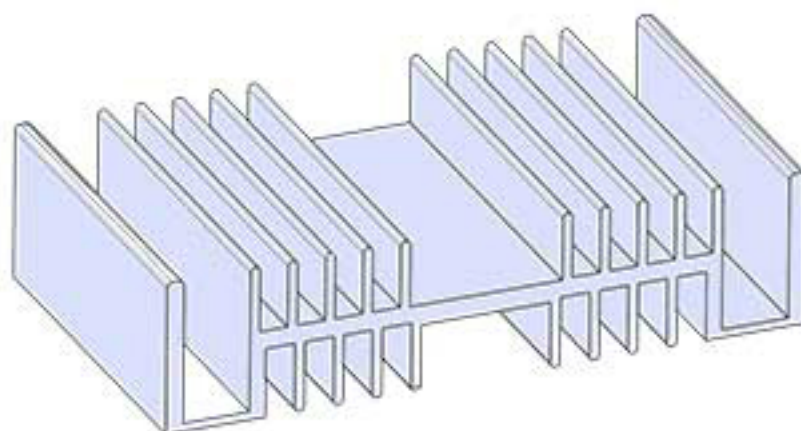
20 series



Front view
Scale: 3:2

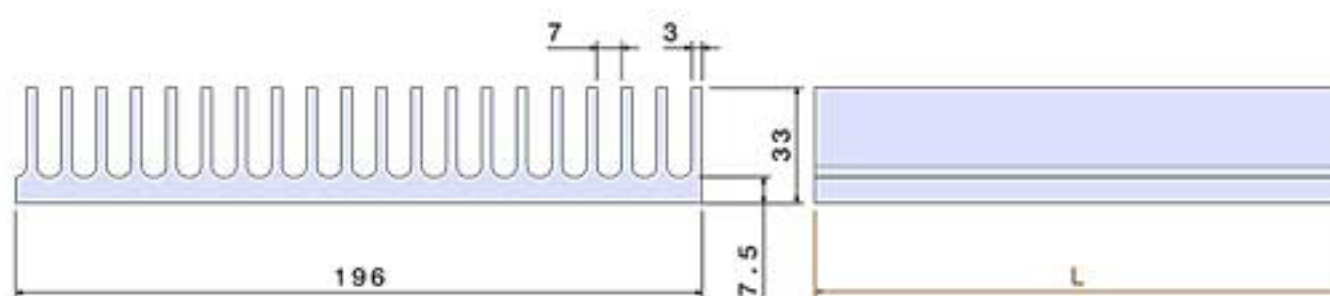


Left view
Scale: 3:2



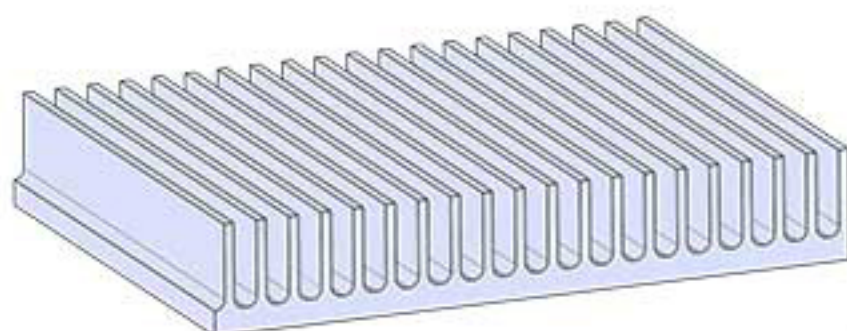
Isometric view
Scale: 3:2

HS 208 Half



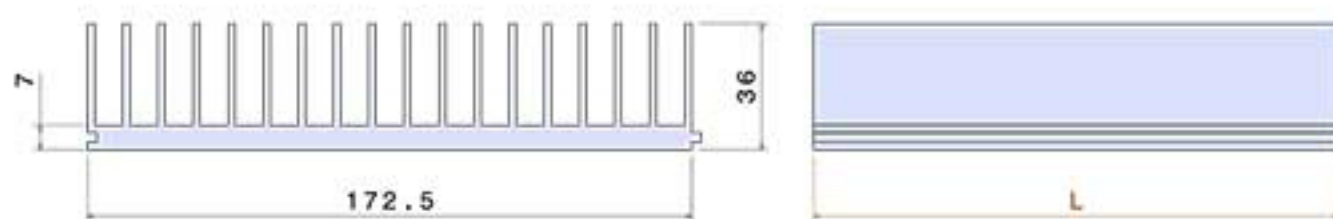
Front view
Scale: 1:1

Left view
Scale: 1:1



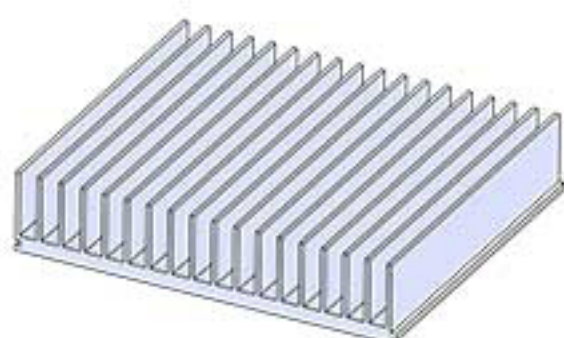
Isometric view
Scale: 1:1

HS 196



Front view
Scale: 1:1

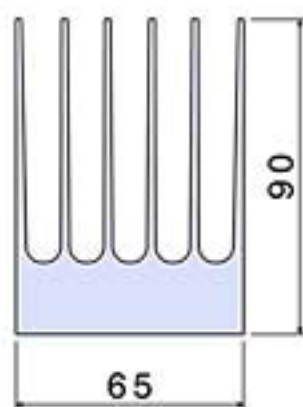
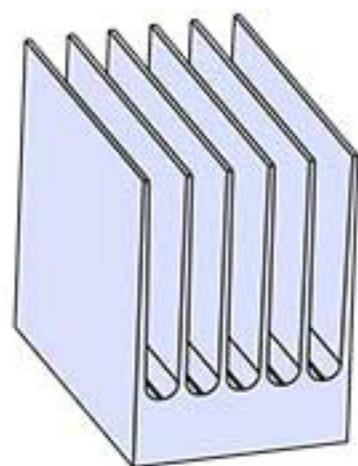
Left view
Scale: 1:1



Isometric view
Scale: 7:10

HS 173

20 series



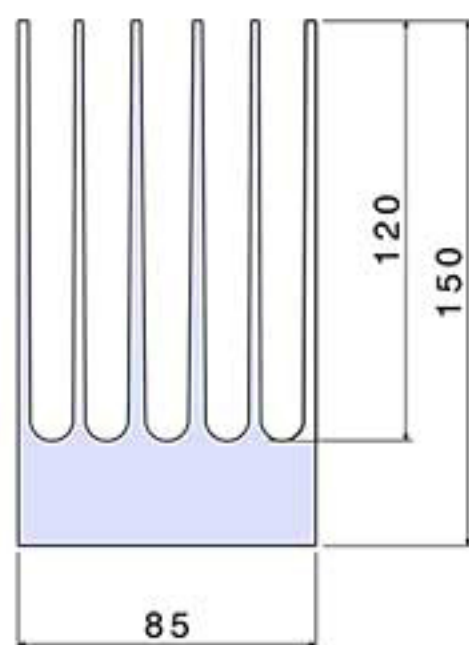
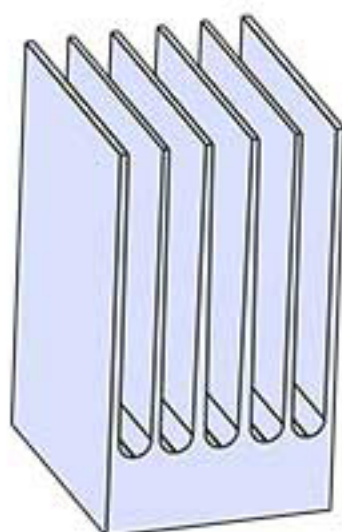
Front view
Scale: 1:1



Left view
Scale: 1:1

Isometric view
Scale: 1:1

HS 404



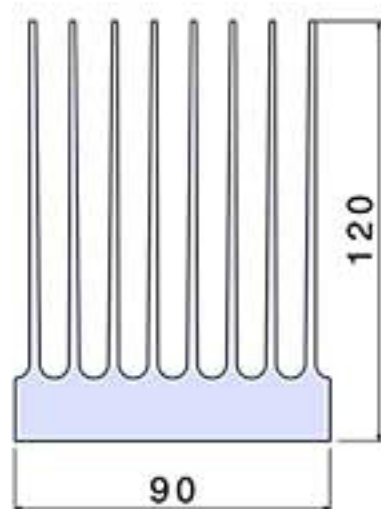
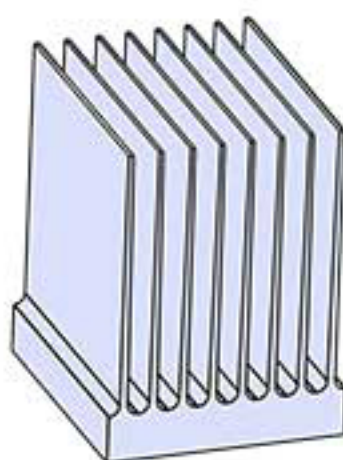
Front view
Scale: 1:1



Left view
Scale: 1:1

Isometric view
Scale: 4:5

HS 405



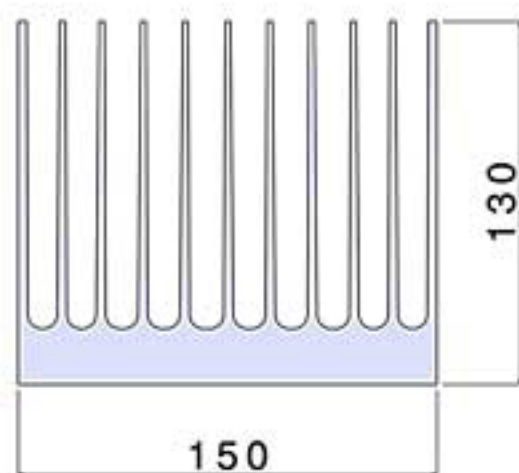
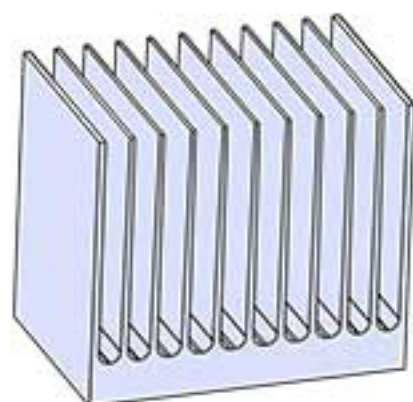
Front view
Scale: 1:1



Left view
Scale: 1:1

Isometric view
Scale: 4:5

HS 406



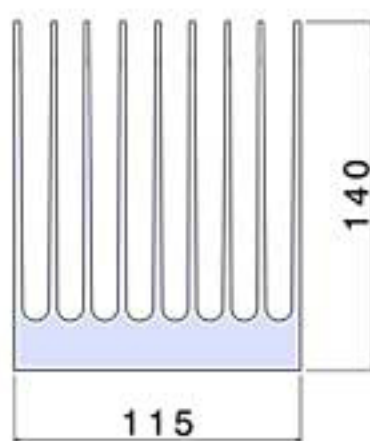
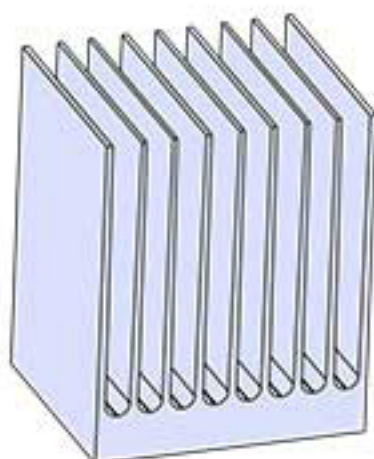
Front view
Scale: 1:1



Left view
Scale: 1:1

Isometric view
Scale: 4:5

HS 407



Front view
Scale: 1:1

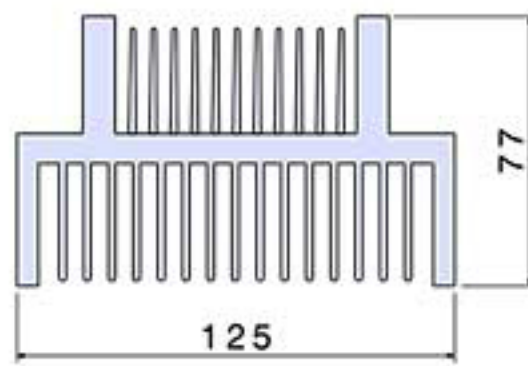


Left view
Scale: 1:1

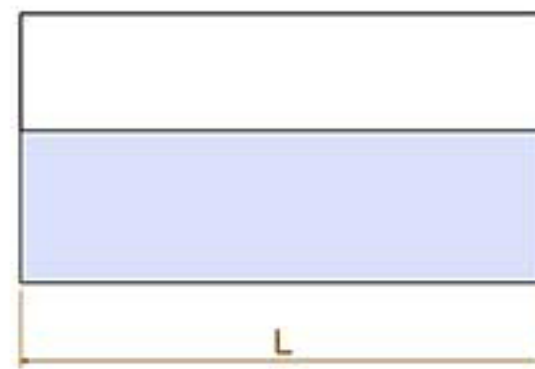
Isometric view
Scale: 1:1

HS 408

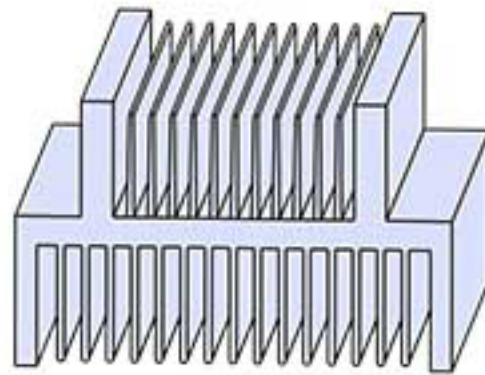
Note: All dimensions are fixed



Front view
Scale: 1:1

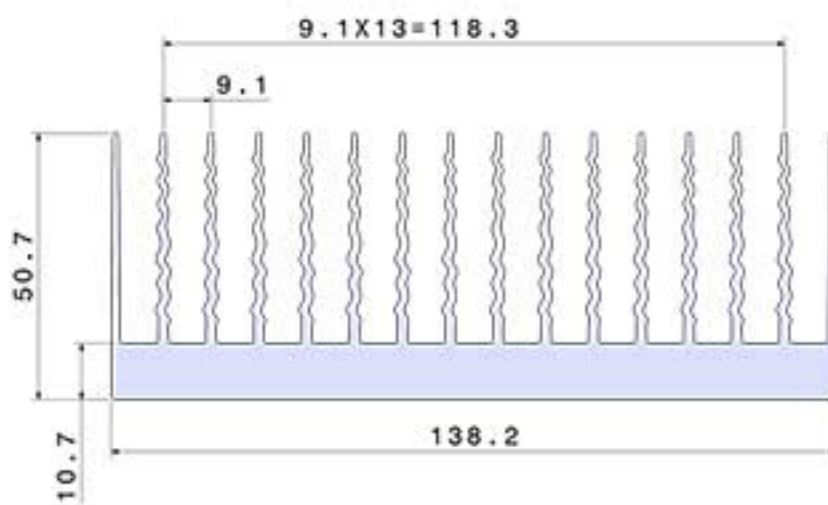


Left view
Scale: 1:1



Isometric view
Scale: 1:1

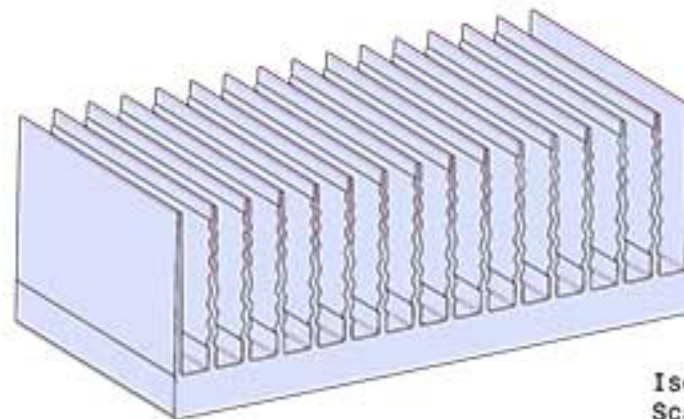
HS 125 X 75



Front view
Scale: 4:5

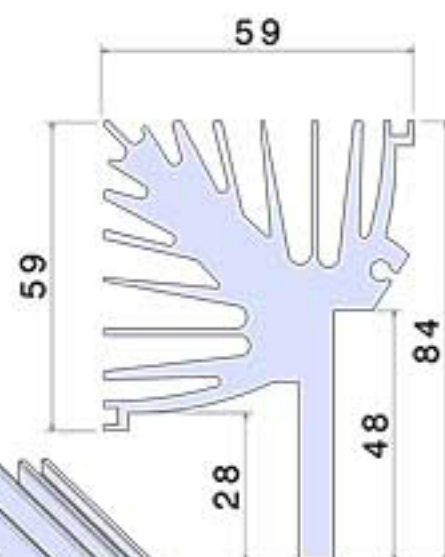


Left view
Scale: 4:5

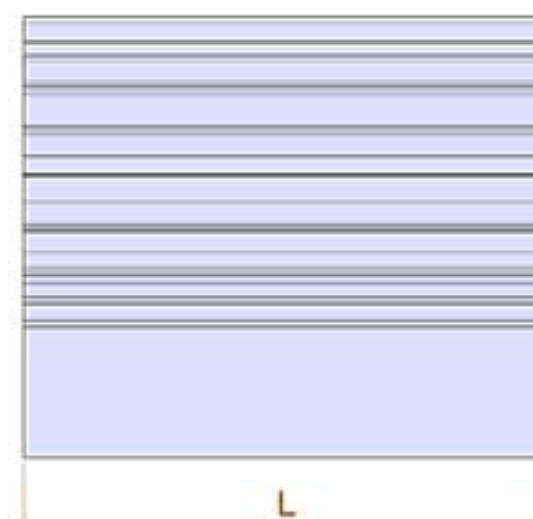


Isometric view
Scale: 3:4

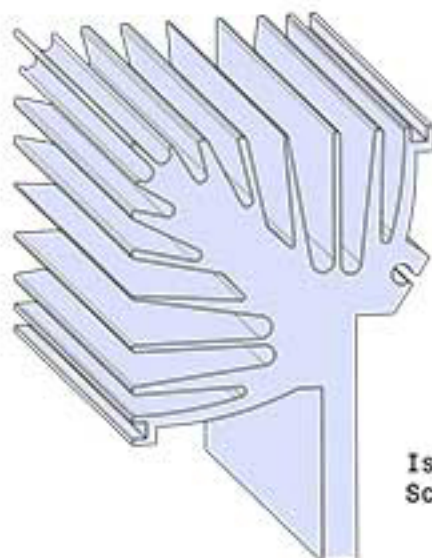
HS 138 X 50.5



Front view
Scale: 3:2

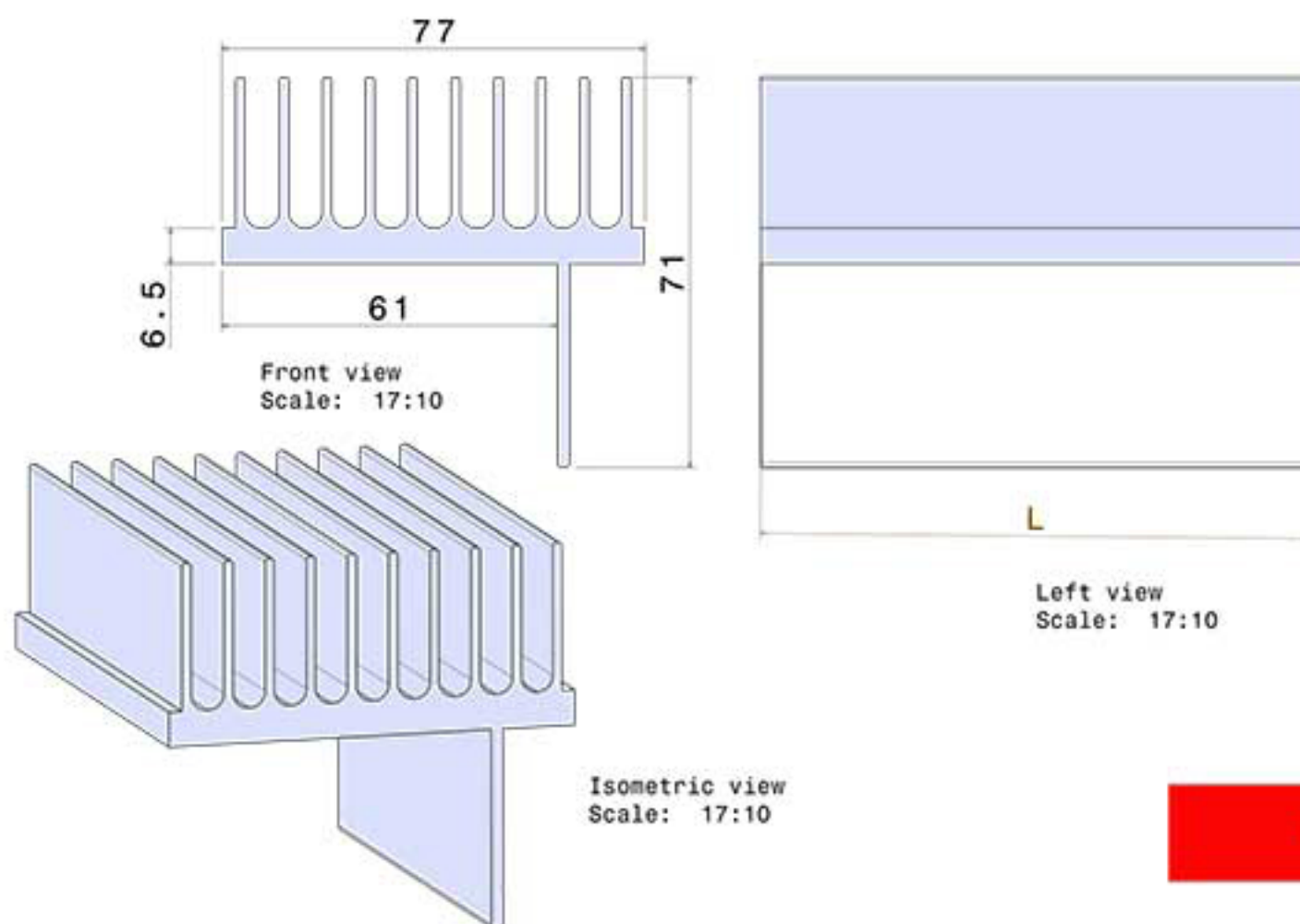


Left view
Scale: 3:2

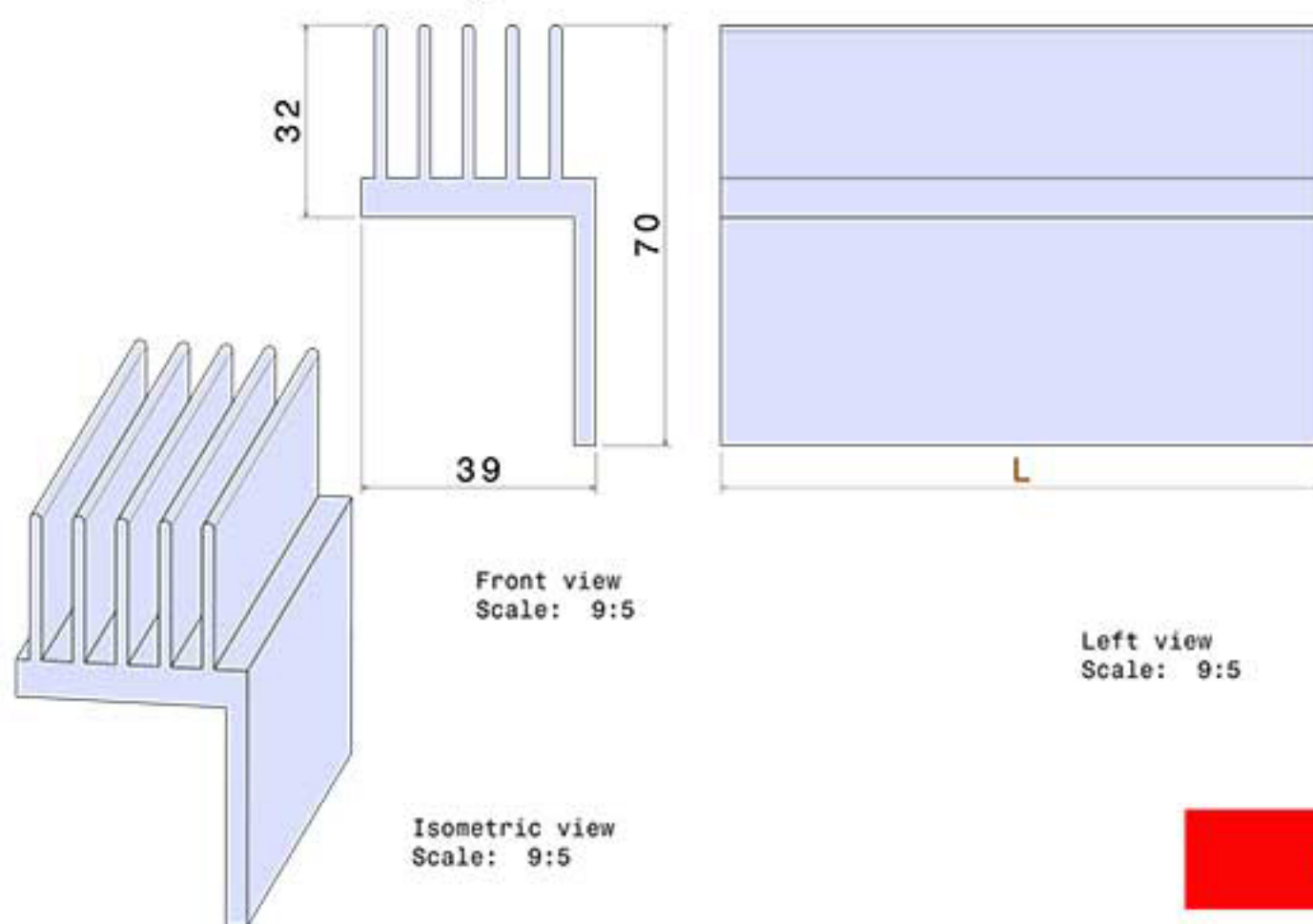


Isometric view
Scale: 3:2

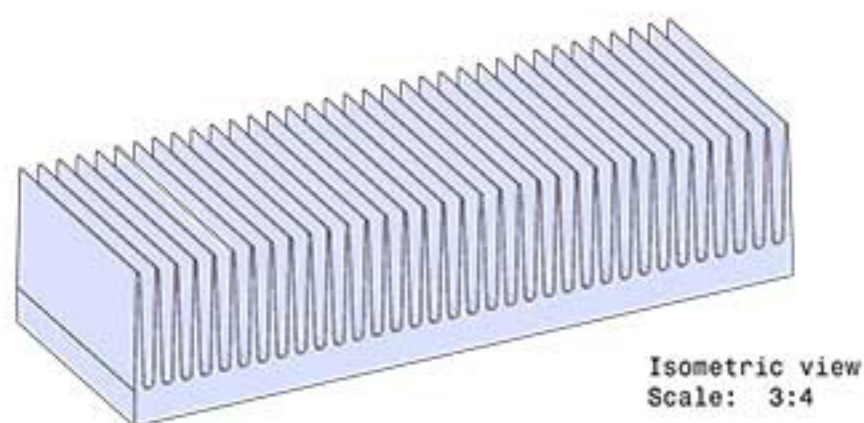
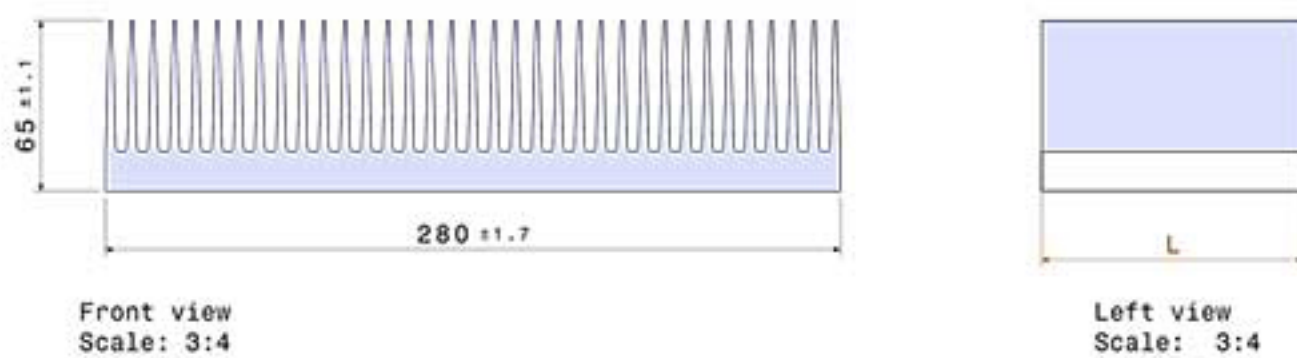
HS 20



HS 22

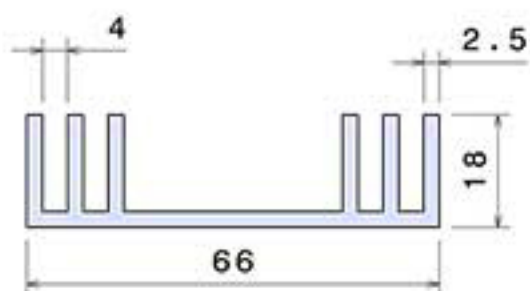


HS 21

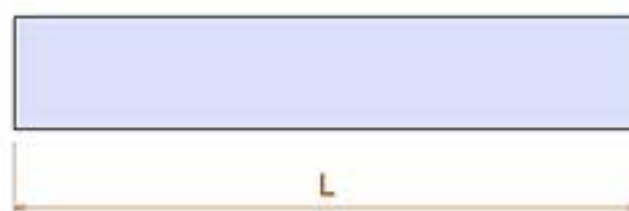


HS 280 X 65

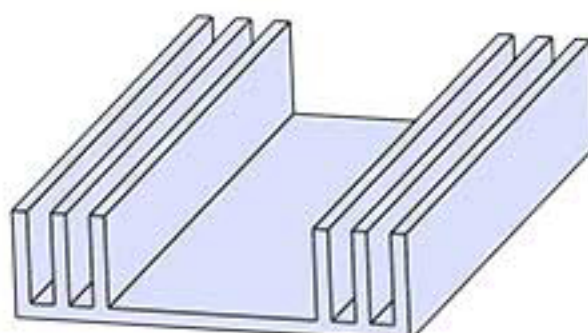
others



Front view
Scale: 1:1

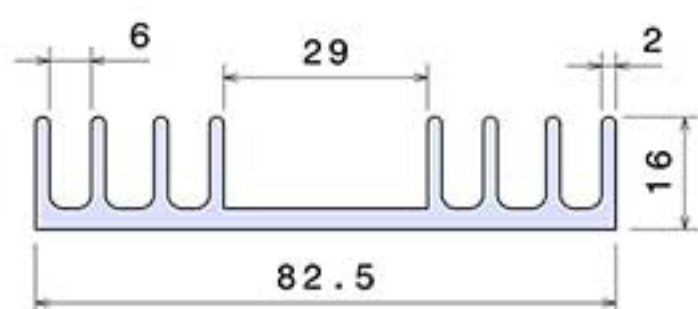


Left view
Scale: 1:1

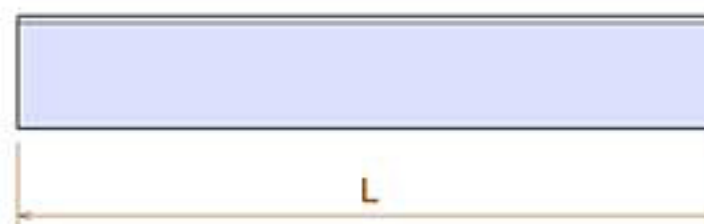


Isometric view
Scale: 1:1

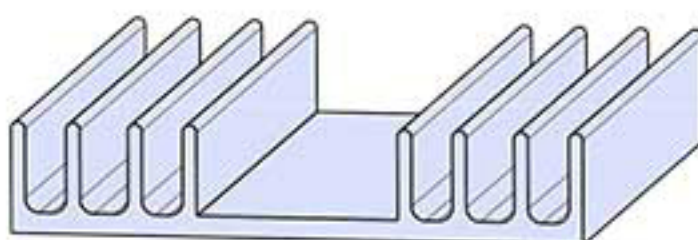
HS 66 X 18



Front view
Scale: 1:1

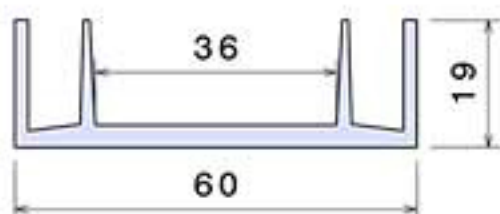


Left view
Scale: 1:1

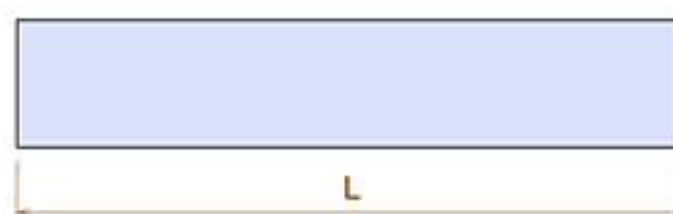


Isometric view
Scale: 1:1

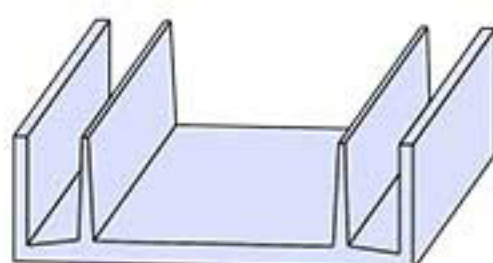
HS 82 X 16



Front view
Scale: 1:1

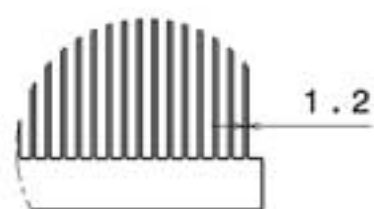
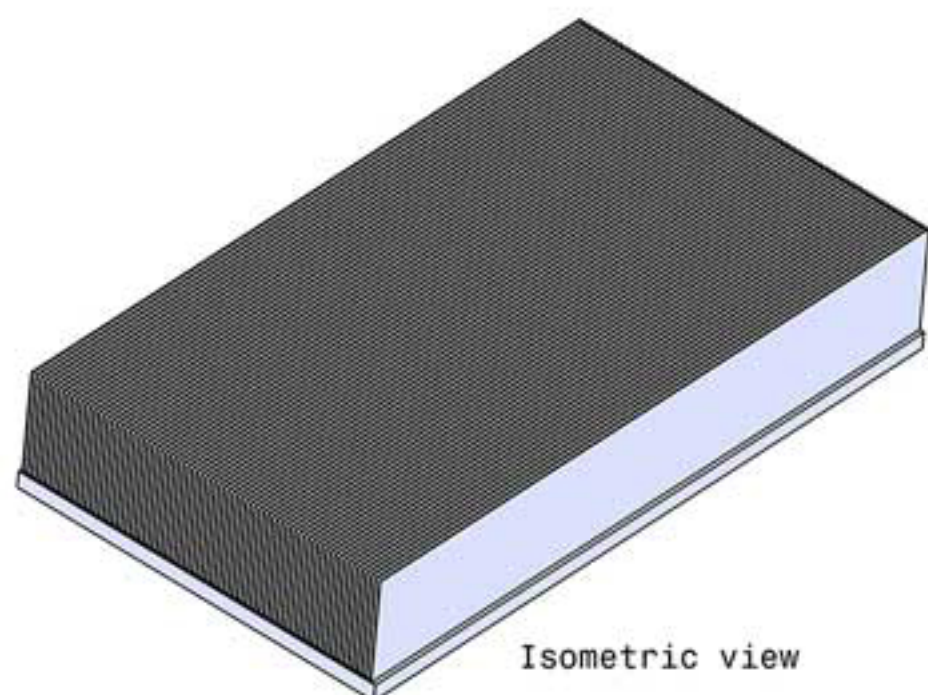
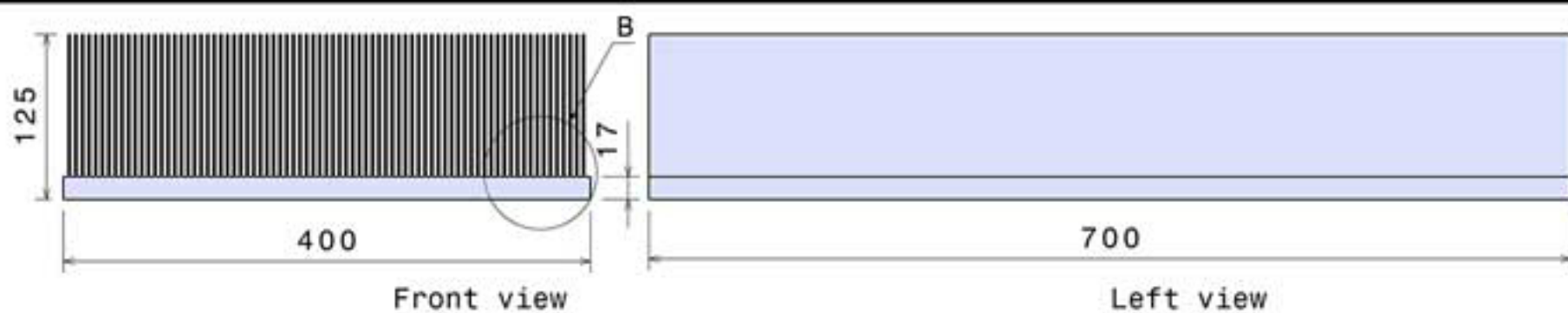


Left view
Scale: 1:1



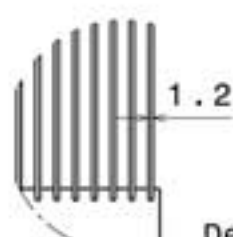
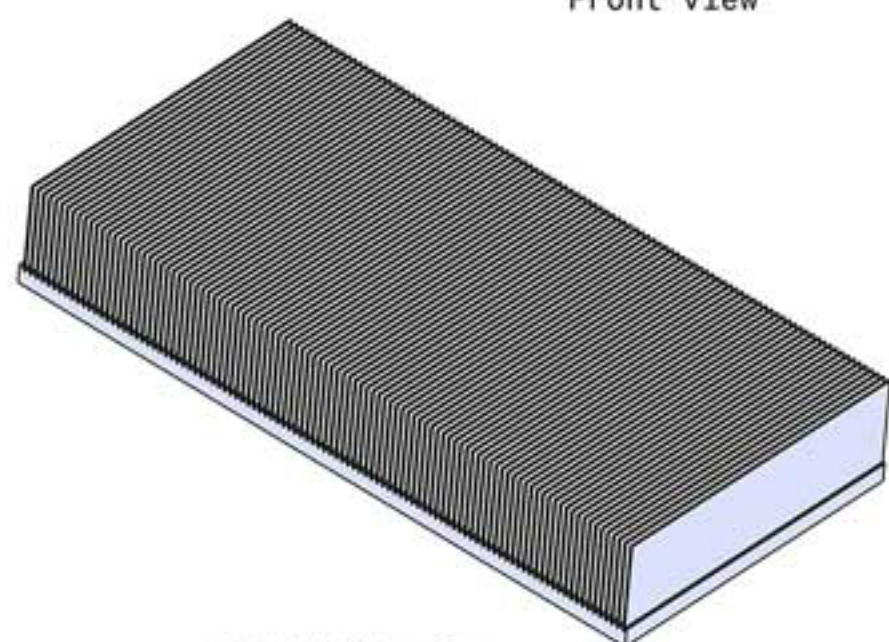
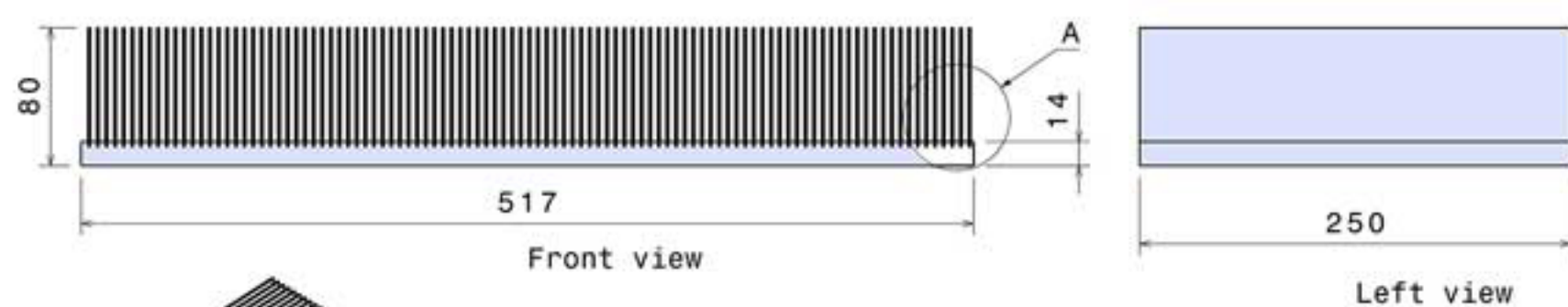
Isometric view
Scale: 1:1

HS 60 X 19



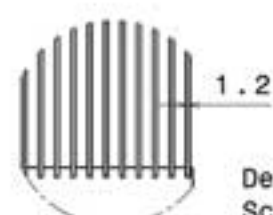
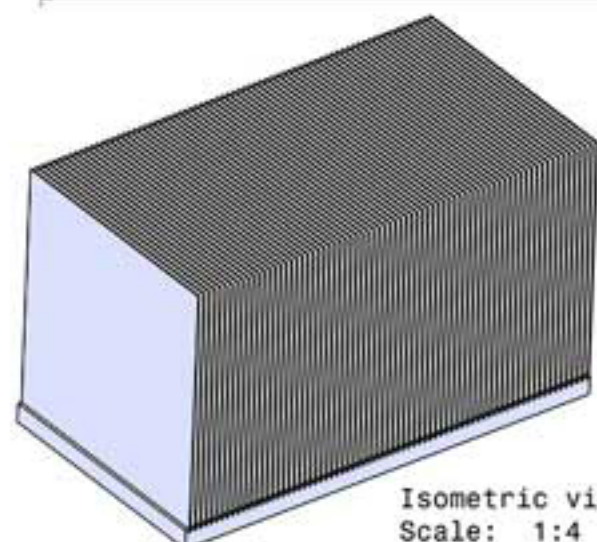
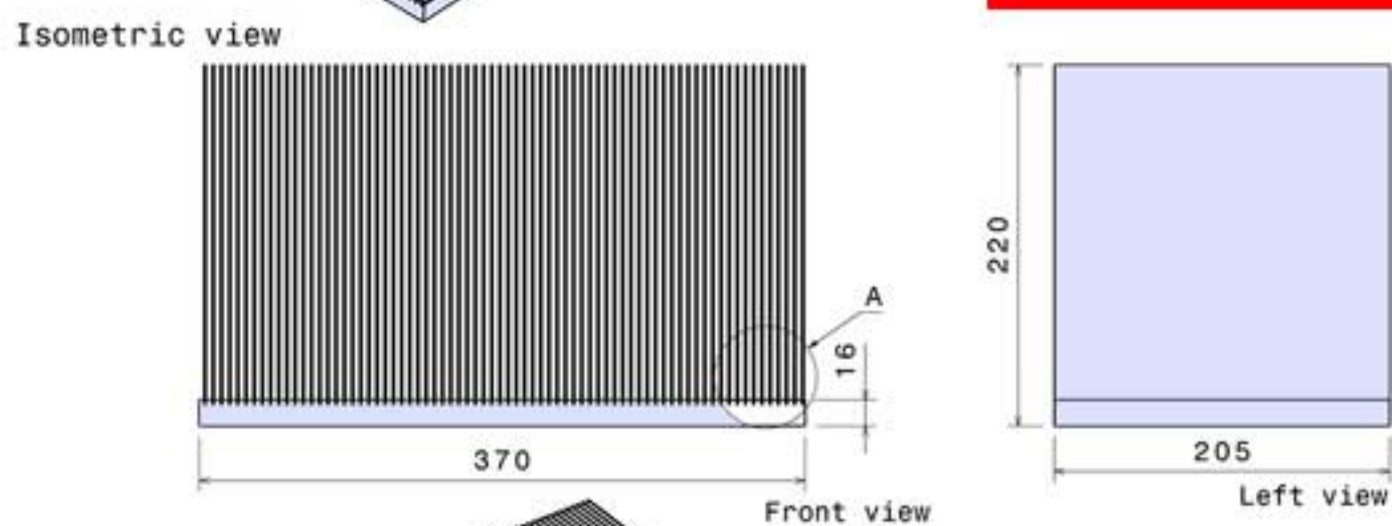
Detail B
Scale: 23:50

700 X 125 X 17



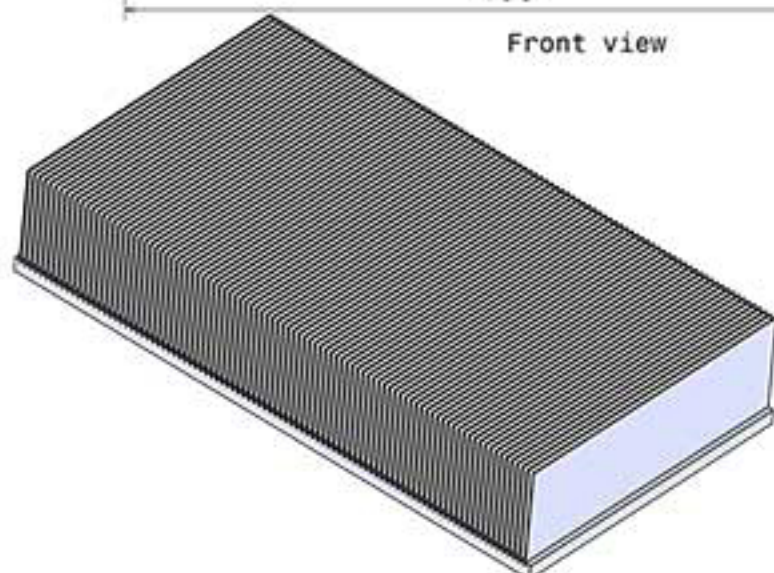
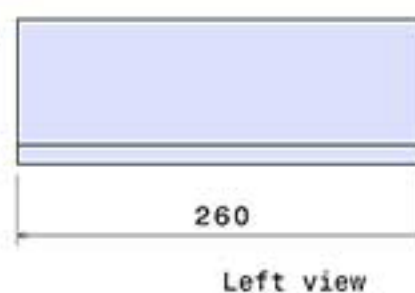
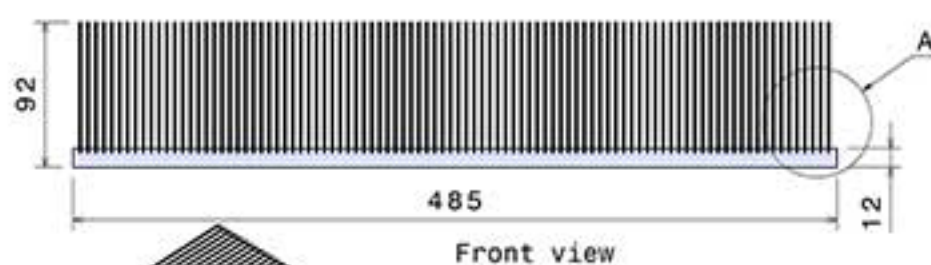
Detail A
Scale: 3:5

250 X 80 X 14

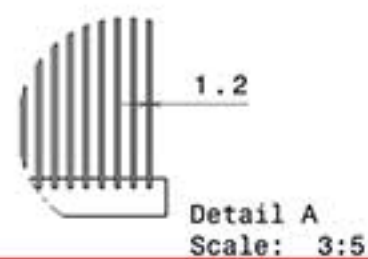


Detail A
Scale: 3:5

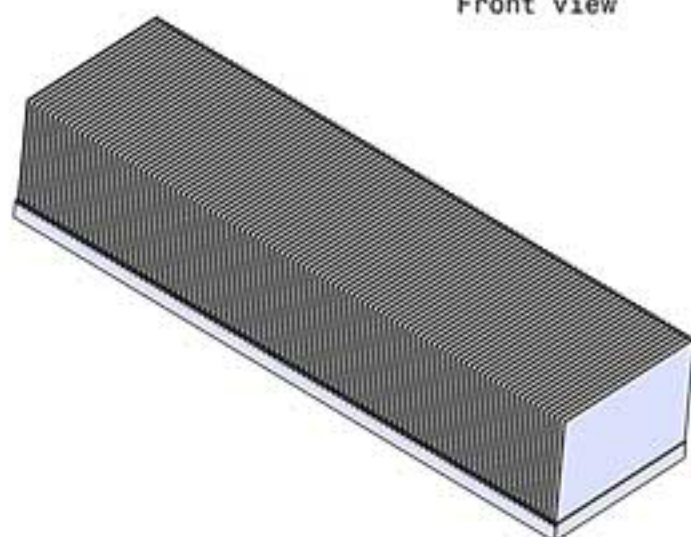
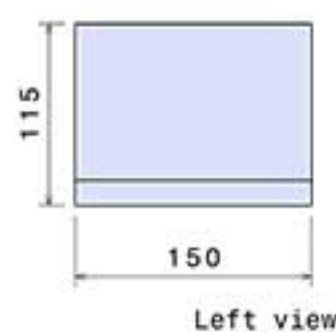
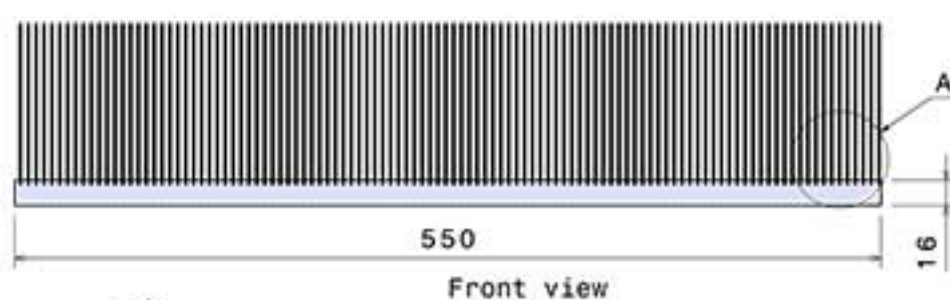
205 X 220 X 16



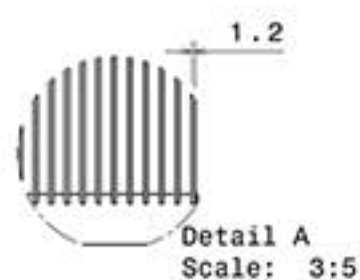
Isometric view



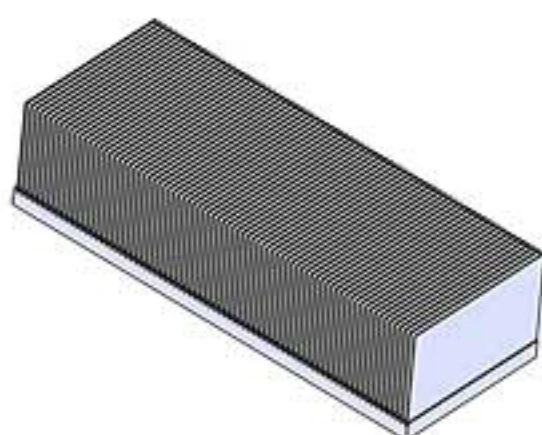
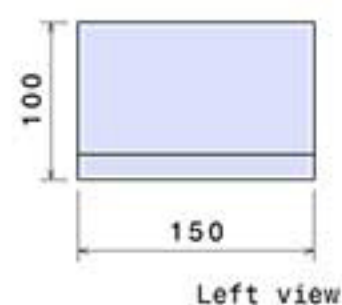
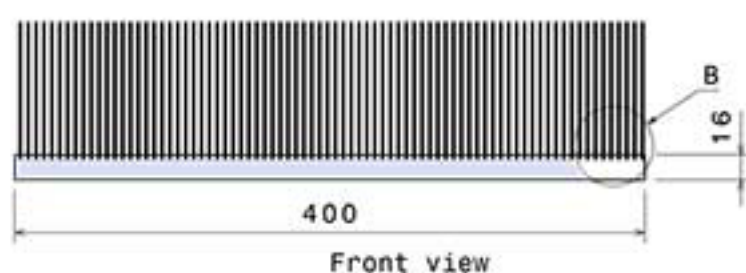
260 X 92 X 12



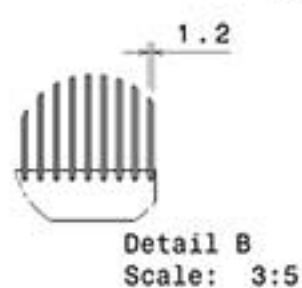
Isometric view



150 X 115 X 16

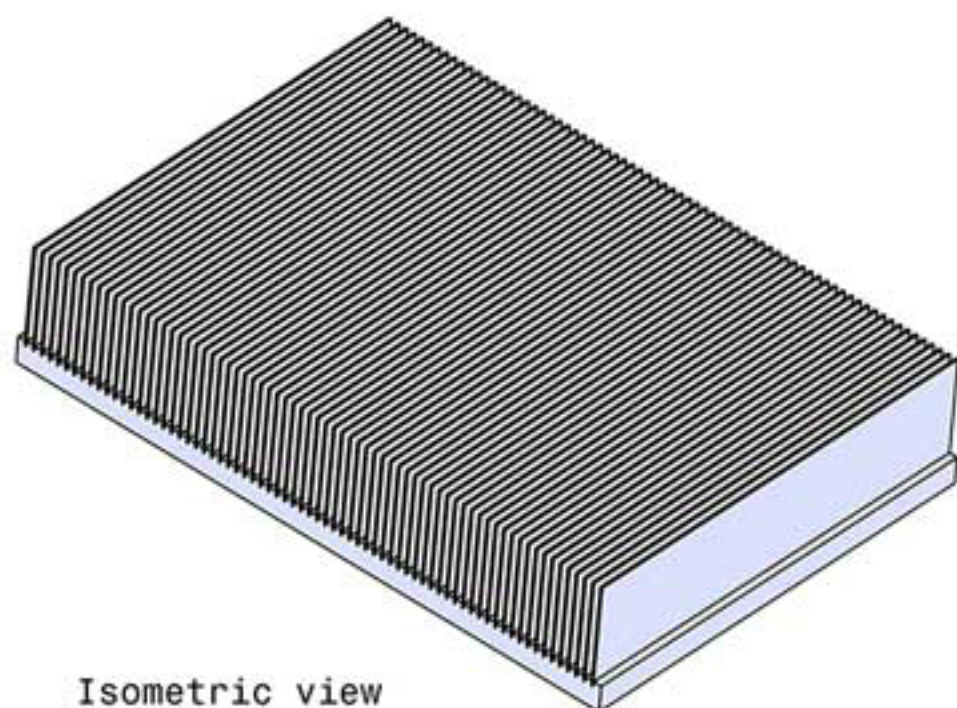
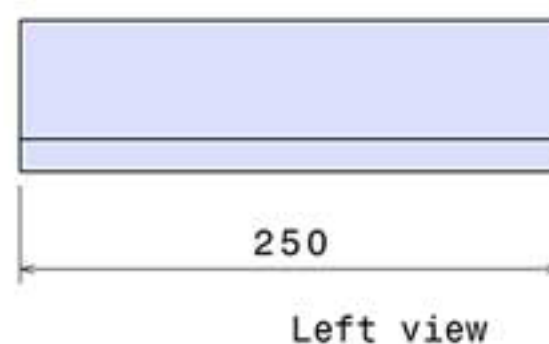
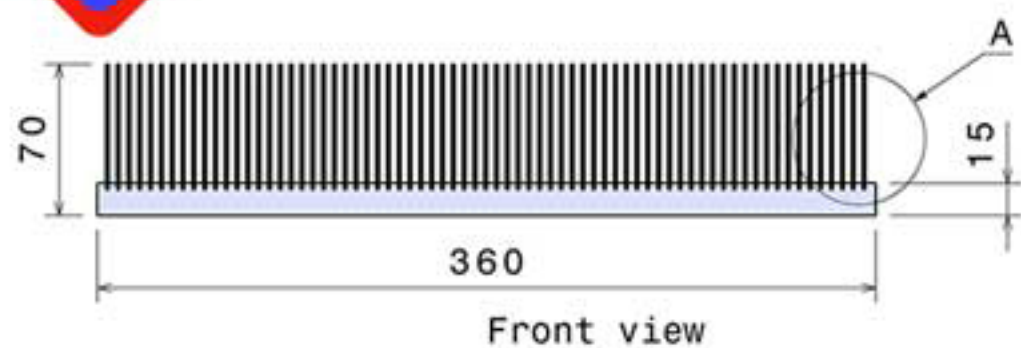


Isometric view

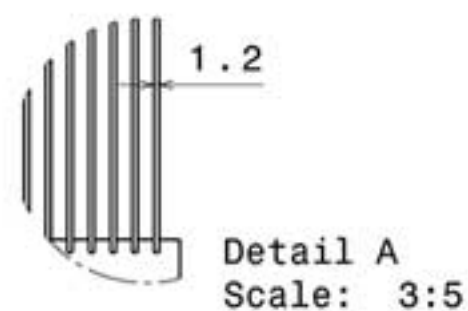


150 X 100 X 16

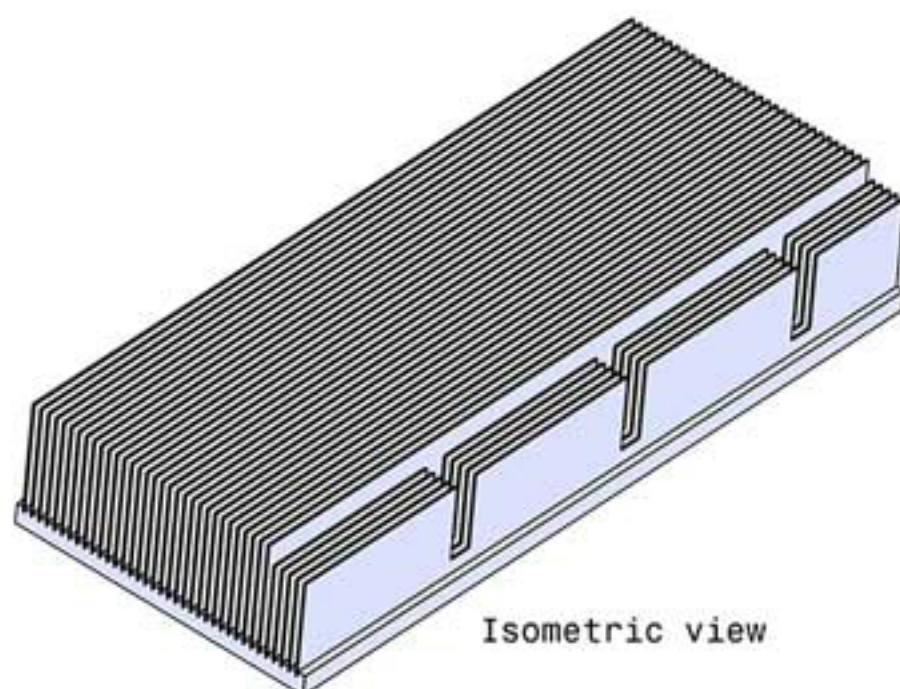
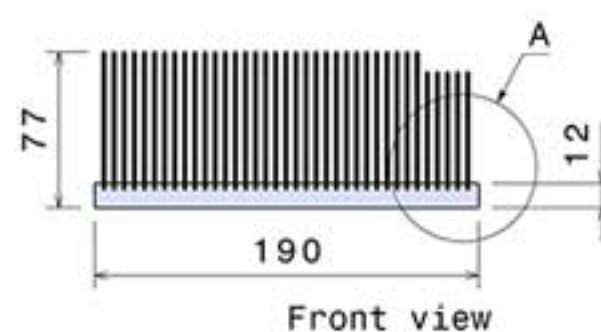
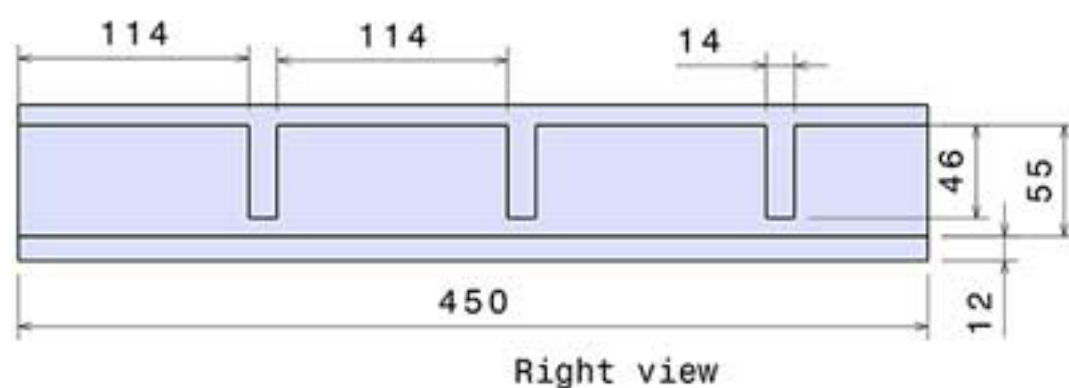
Bonded fins



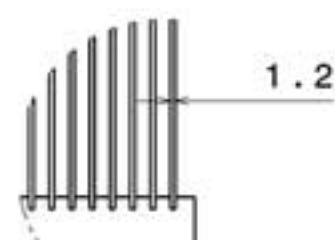
Isometric view



250 X 70 X 15

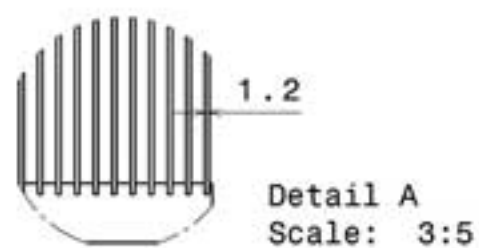
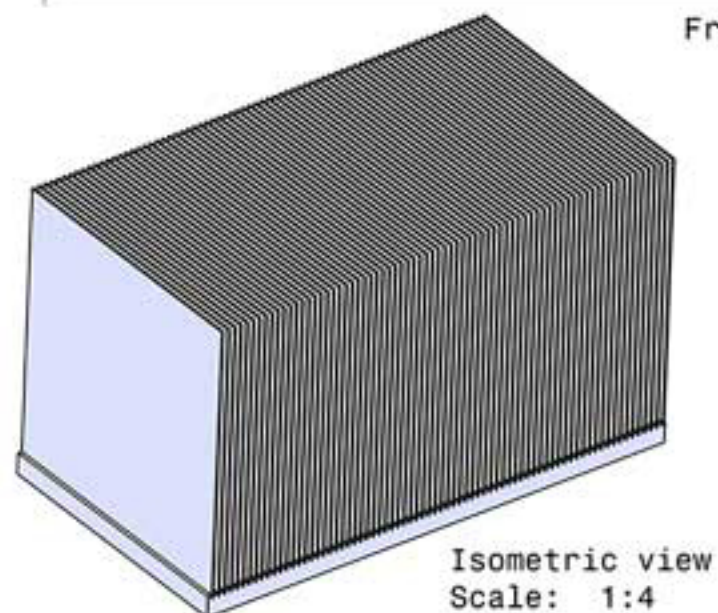
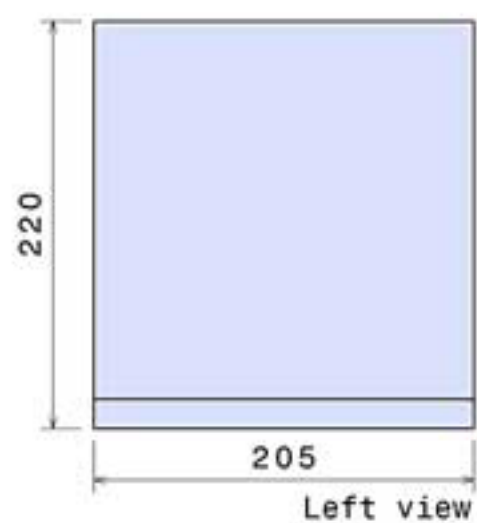
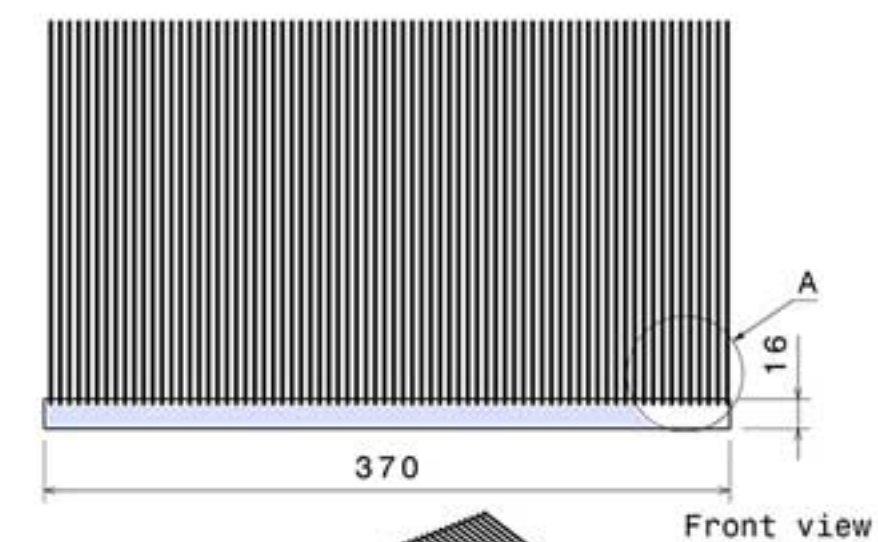


Isometric view

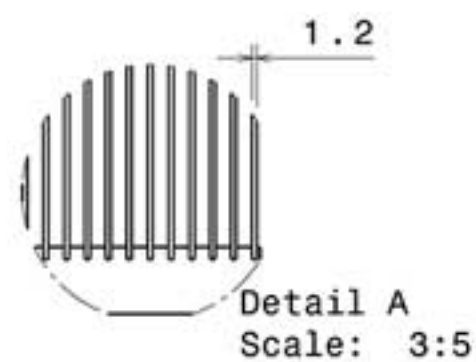
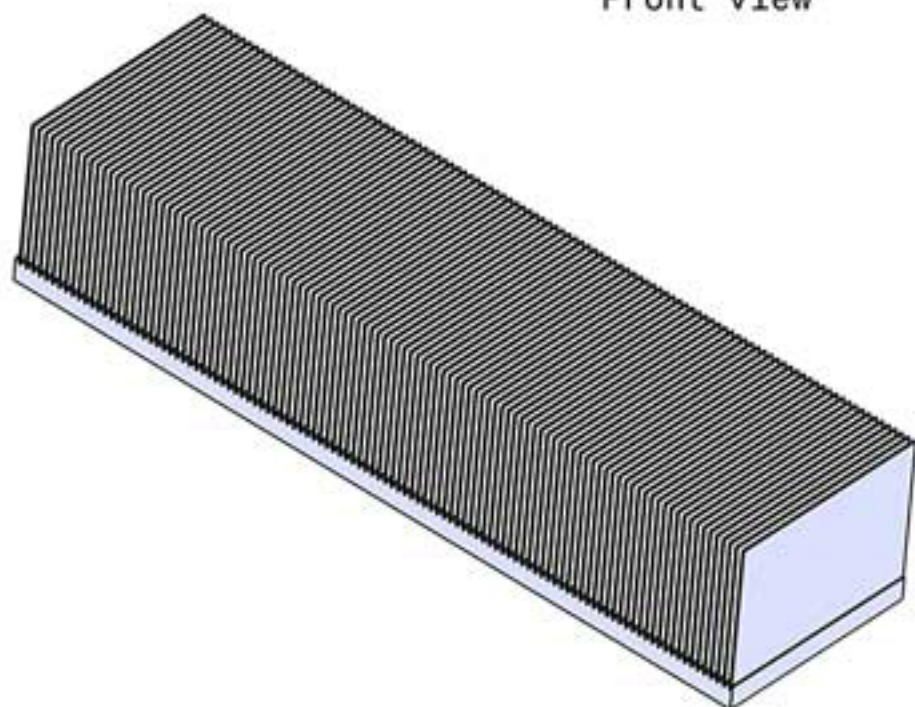
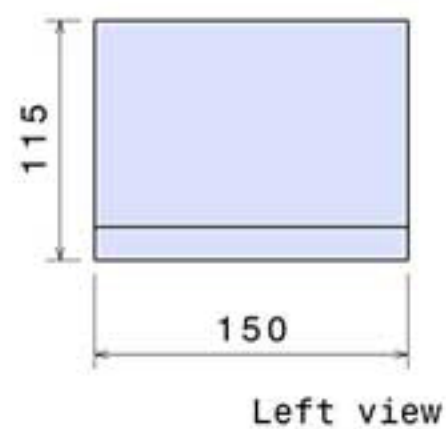
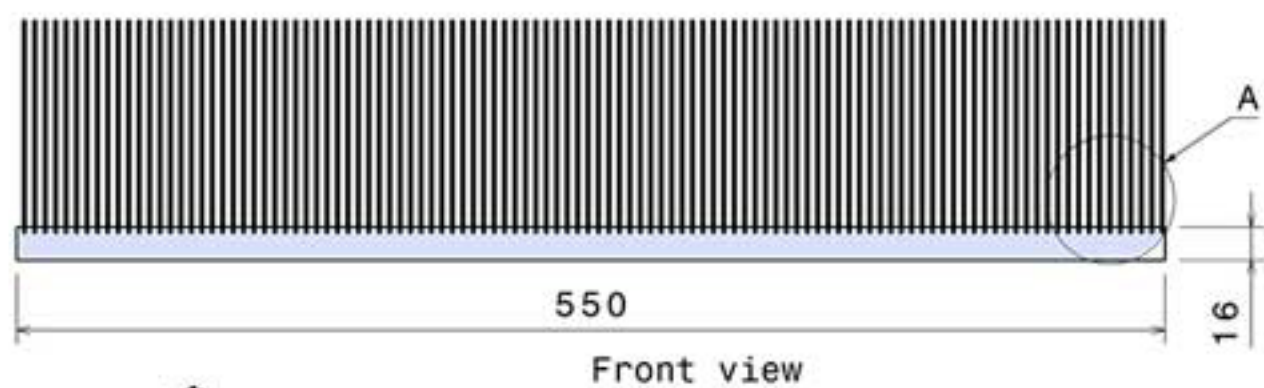


450 X 77 X 12

Bonded fins



370 X 205 X 16



150 X 100 X 16

Bonded fins

Why us ?

Going that extra mile: We work with our clients to ensure we provide solutions as per their needs. To cater their varied requirements the team is capable of innovating new techniques and technology if required.

Quality: The extensive experience of 35 plus years helps the company deliver the best possible quality which is appreciated not only in India but abroad as well.

Timelines: Our dedication and commitment towards our work makes us proud to deliver within the provided time frames.

Milestone: Has delivered a heat sink weighing 35 kgs. to M/s Vertive Energy Pvt. Ltd.

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