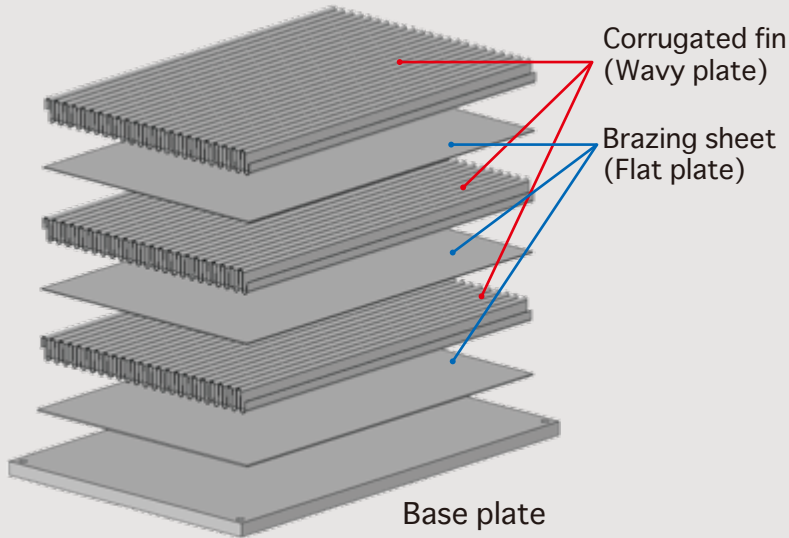


Heat sink, with high density and thin-walled fin

Basic structure

Corrugated fin brazed type

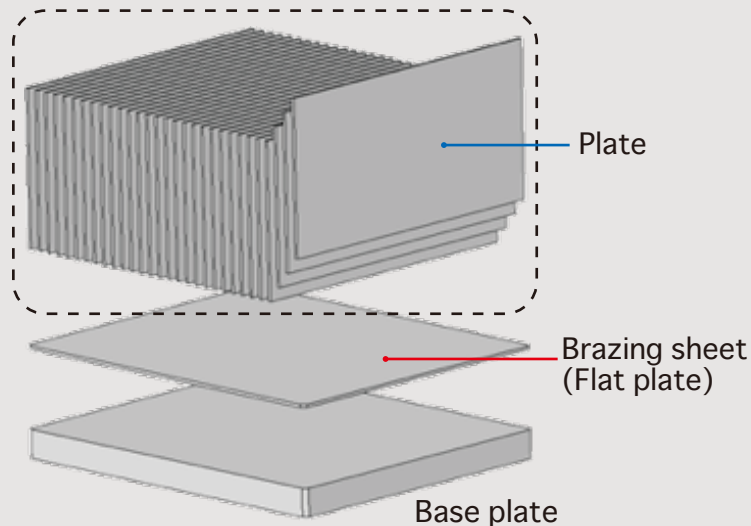


Material: Aluminum Alloy

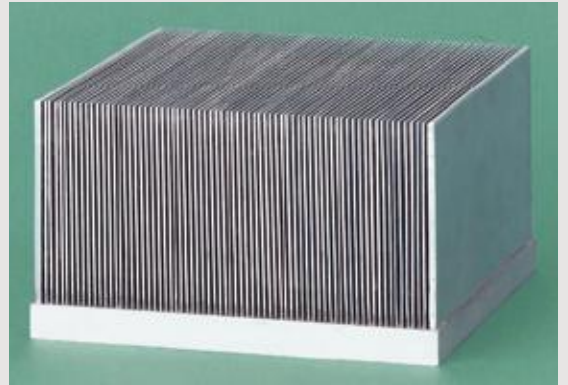


Fin pitch: Min. 1.6 - Max. 3.6(mm)
Fin thickness: Min. 0.2 - Max. 0.6(mm)

Plate brazed type



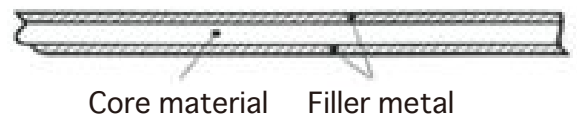
Material: Aluminum Alloy



Fin pitch: Min. 1.6 - Max. 10.0(mm)
Fin thickness: Min. 0.4 - Max. 3.0(mm)

About Brazing sheet...

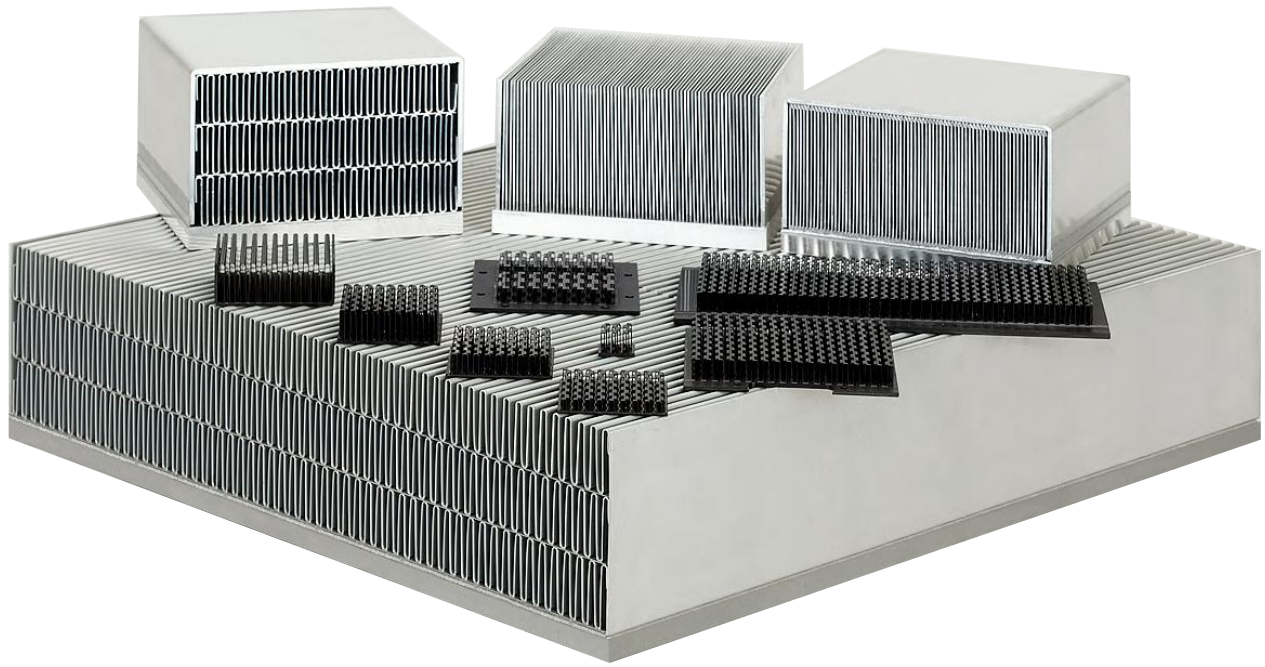
Filler metal is clad onto and integrated with flat plate. Filler metal has lower melting point than core material. By heating heat sink to temperature that do not melt core material but melts filler metal, fins are bonded.



※Possible fin pitch and thickness may be adjustable.

※Possible fin pitch and thickness may change depending on size of heat sink.

Brazed Heat sink ($R\theta=80 - 40\text{K/kW}$, or lower)



Features

- High performance by high density and thin-walled fin (difficult for extrusion or machining)
- Tailor made design according to your requirement
- Suitable fin selection from various fin selection
- Available for wide range of size (Max. 1.3m by 1.8m plain)

Performance example

Calculation condition:

- Size of heat source is the same as heat sink.
- Air flow is fully surrounded with duct.
- Calculation for heat sink only.
Size: W120×L120×H80 (mm)
For both Corrugated fin and Plate brazed type

	Corrugated fin brazed type	Plate brazed type
Fin pitch	(2.5) mm	(1.6) mm
Fin thickness	0.6 mm	0.6 mm
Base plate thickness	10 mm	10 mm

