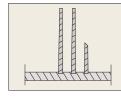
CHOOSING THE ANOTHER FINNED TUBE

- Fin height, thickness and number per unit length depend on application requirements and client standards

Advantage of High Fin type

- 1. Wide tube & fin Material combination
- 2. Wide tube material options
- 3. Wide tube diameter options
- 4. High operating pressure above 45 bar

G (EMBEDDED)

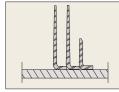


The fin consists of an aluminum strip whose foot-edge is both tension-wrapped and embedded into the primary tube wall. This results from the combined action of a set of two discs and a ring spacer arranged at right angles to the primary tube.

Operating sequence is as follows:

- The first disc(groover) spins a groove into the tube wall; the ring spacer leads the strip footedge into the groove and finally the second disc(backfiller) firmly embeds the strip foot-edge into the groove by "caulking" the groove lip.

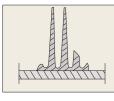
"L" (WRAP-ON)



The aluminum strip foot section is first formed into an L-shape then tension wrapped onto the primary tube. The wound fin base sections are close to each other so as to ensure a continuous cover on the primary tube surface.

Finally, the fin strip will be fastened at both ends to prevent loosening or unraveling.

BIMETALLIC EXTRUDED



A core tube, or liner, the outside surface of which has been previously polished and carefully degreased, is fitted into and aluminum primary tube. This tube-in-tube assembly is then fed into the finning machine equipped with three spindles, 120 degrees spaced and each fitted with a gang disc. Such discs which are stepped in profile and diameter will first extrude and shape the fin properly and then shrink fit the primary tube on its liner.

In some cases the extruded fins can be serrated in order to increase the overall heat transfer coefficient and to reduce the investment cost.

	"G" Embedded	"L" Wrap-on	Extruded
Maxim Working Temperature	400°C/750°F	120°C/250°F	300°C/570°F
Atmosphere Corrosion	Resistance	Acceptable	Acceptable
Mechanical Resistance	Acceptable	Acceptable	Excellent

Oil Cooler

Shell & Tube Type Heat Exchanger for Lubricant Oil







Applicable Design Code: TEMA R, C & B / API 614 / ASME

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Inter / After Cooler & Oil Cooler

for Compressor

Our company endeavor ceaselessly

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► Engineering technology for the future



CONTINUOUS PLATE FIN TYPE

HEAT EXCHANGER

Inter / After Cooler & Oil Cooler for Compressor

Picture

for Inter Cooler & **After Cooler**



















Shop Facilities for Production











List of Certificates





Supplies State Co., Link SSS-Suppose Strap Surgass-Co., States 475-200 Suppose Co., States 475-200 Suppose 675-200





Simples Stee Co., List. 1884 Suppose Strep Surpose Co., Stee 1984 Ste. Supposite Streets







ASME American Society of Mechanical Engineers, USA (PP, S, U, U2)

The National Board of Boiler & Pressure Vessel Inspectors(PP, S, U, U2) **SELO** Manufacture License of Special Equipment

People's Republic of China ANSI American National Standard Institute, USA

TEMA Tubular Exchanger Manufacturers

Association, USA **DIN** Deutsche Industrie Normen, GERMANY

JIS Japanese Industrial Standard, JAPAN

KS Korean Industrial Standard, KOREA

API American Petroleum Institute

Application Fin/Tube Size

* Tubes 0D 12 mm 0D 14 mm

> 0D 16 mm OD 19.05 mm OD 25.4 mm

0.3 mm

Design Code Capabilities

* Fins Th'k 0.15 mm 0.2 mm 0.25 mm

Capabilities / Range of Application

* Shell Diameter

: Min.400mm(16") to Max. 4000mm(160")

* Tube Length

: Min.500mm(1.6') to Max.12,000mm(39')

- * ASME Code * European PED
- * China SELO
- * API Code
- * Korea KGS / KOSHA * Japan KHK/JPVC/MHLW
- * TEMA R,C and B
- * Russian GOST
- * ALL CLASS

• Tubes

Copper

• Fins

Copper

Admiralty

Duplex Steel

Aluminum

Aluminum + Blygold coat

Aluminum + AV coat

* Others Country Local Code (Algeria, Singapore, ...)

Kind of Fluids

* Shell Side

: Wet Air, Dry Air, Nitrogen, Oxygen,

Advantage of Continuous Plate Fin Type Heat Exchange.

- Compact & Cost Competitive Design
- Vibration Free Design
- Easy Bundle Removable & Maintenance Design

