

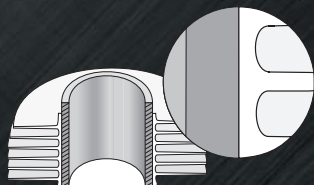
AIRCO•FIN

FINNED TUBES

LOUVERS

SUPPORTS & SPECIALS

Extruded High Finned Tubes



EXTRUDED FIN

Fins are integrally produced via a thread-rolling process.

Temperature 310°C (590°F).

Specifications for bi-metallic high-finned tubes

Base-tube:	Diameter:	From Ø 8mm to Ø 50.8mm From Ø 3/10 inch to Ø 2 inch
	Material:	Various types
Finning:	Fin height:	From 9.55mm to 15.88mm From 3/8 inch to 5/8 inch
	Number of fins:	From 197 per meter to 472 per meter From 5 per inch to 12 per inch
	Material:	Aluminium and copper (limited)

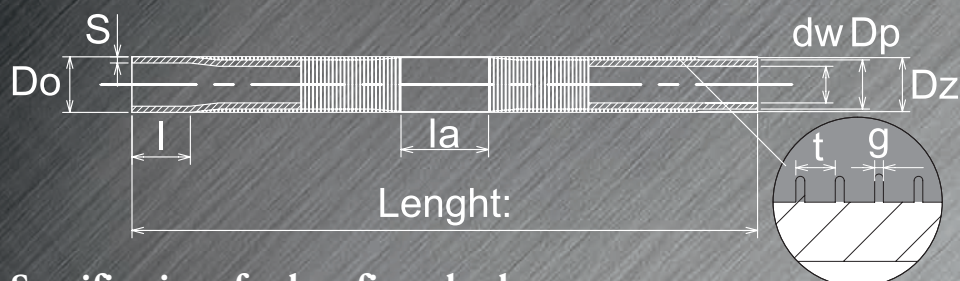


Specifications for mono-metallic high-finned tubes

Base-tube:	Diameter:	From Ø 10mm to Ø 38,1mm From Ø 4/10 inch to Ø 1,5 inch
	Material:	Aluminium, copper, brass
Finning:	Fin height:	Up to 9,5mm Up to 3/8 inch
	Number of fins:	From 197 per meter to 433 per meter From 5 per inch to 11 per inch



Low Finned Tubes



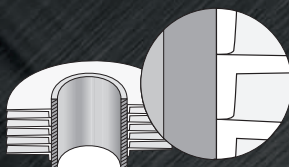
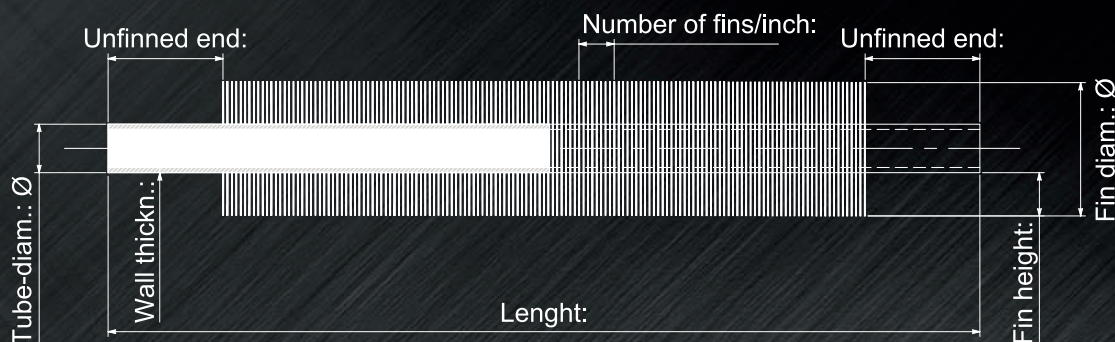
Specifications for low-finned tubes

Finning parameters:	$D_o =$	Ø 9	to	Ø 50,8mm
	$D_z =$	Ø 8,8	to	Ø 50,6mm
	$D_p =$	Ø 6,5	to	Ø 47,8mm
	$d_w =$	Ø 4,5	to	Ø 25,8mm

Finning:	16, 19 and 26 fins per inch
Base tube:	Carbon steel, stainless steel, copper and brass

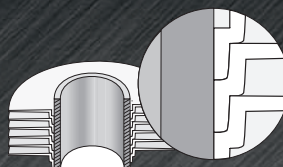


Applied High Finned Tubes (L, KL, LL & G type)



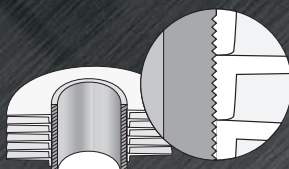
L-FIN

L-Fins are tension-wound around the base tube.
Temperature 130°C (270°F).



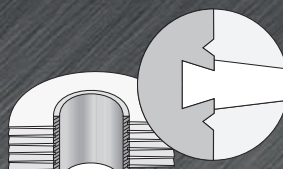
LL-FIN

Overlapped tension-wound L-fins are an economical alternative to extruded finned tubes.
Temperature 165°C (330°F).



KL-FIN

Knurled tubes enhance the bonding of the L-Fins.
Temperature 250°C (480°F).



G-FIN

Fins are mechanically embedded in a groove around the base tube.
Temperature 400°C (750°F).

Specification for applied finned tubes

Base-tube:	Diameter:	From Ø 15.88mm to Ø 50.8mm From Ø 5/8 inch to Ø 2 inch
	Material:	Various types
Finning:	Fin height:	From 9.55mm to 15.88mm From 3/8 inch to 5/8 inch
	Number of fins:	From 275 per meter to 472 per meter From 7 per inch to 12 per inch
	Material:	Aluminium or copper



Tube Supports and Specials



Specification for half-pipe (tube) supports (boxes)

Aluminium half-pipe supports/boxes
Aluminium cast half-pipe supports
Aluminium half-pipe boxes pre-assembled on the tubes
Zinc collars moulded onto the tubes
Hexagonal silicon supports on the tubes



Louvers



Louvers can be operated either manually or automatically, using pneumatic or electrical actuator-positioners.

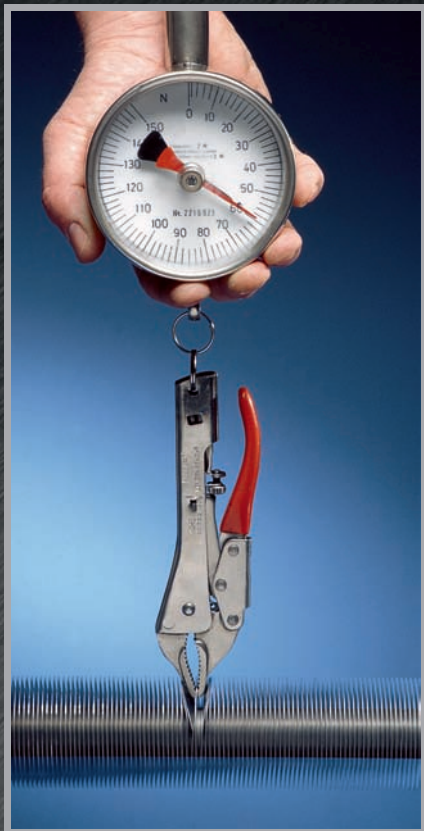
The louvers manufactured by Airco-Fin have set the benchmark for quality for many years. Louvers are available in extruded aluminium, a material characterized by high corrosion resistance and are provided with special coating on the bottom flange to prevent corrosion between louver and bundle frame. Our bearings have a lifetime guarantee and never require lubrication.

Louver blades can be fitted in parallel or opposite to one another.

The fact that Airco-Fin designs its louvers in accordance with the API 661 / ISO 13706 standard, also points to the product's level of quality.



INTEGRAL QUALITY MANAGEMENT



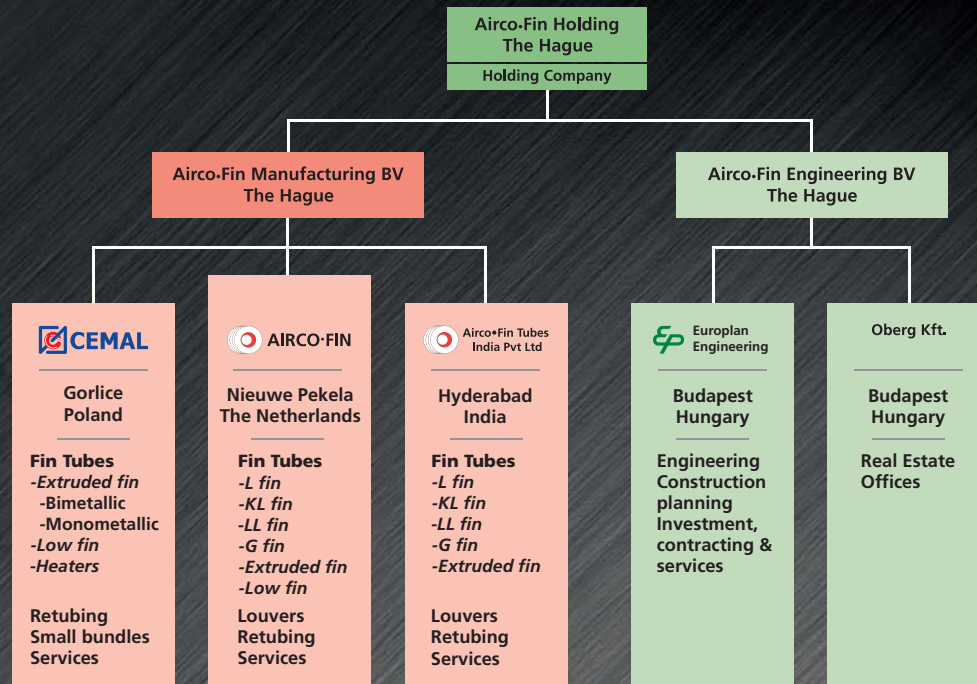
The chemical and petrochemical industries play a key role in setting quality standards. Not surprisingly, Airco-Fin therefore places strong emphasis on quality management. This management is integrated into all production phases. The company's quality plan, which is based on ISO 9001, consists of a thorough initial inspection of the base materials, quality assurance throughout the manufacturing process, and a rigorous final check. As a result, all products leaving the Airco-Fin factory justifiably receive the designation "High Quality". One of the interim inspections involves performing a tensile test to examine the bonding of the fins. Other tests focus on such aspects as fin spacing, diameter and thickness. Airco-Fin is thus able to guarantee that its products fully meet the requirements specified by its customers.

Reliable delivery

"Always deliver on time" is Airco-Fin's motto. To prove our commitment to this, the company is happy to arrange the export of its goods from the Netherlands at your request. You will not be responsible for any time-consuming paperwork, delivery times are generally reduced, and the most cost-effective mode of delivery is utilised. Of course, Airco-Fin also dedicates much attention to its product packaging. To prevent damage during storage and transport, the tubes are separately packed in sturdy wooden cases.



ORGANISATION



AIRCO-FIN B.V. NETHERLANDS

E: info@aircofin.nl

Airco-Fin B.V. in the Netherlands is in the global market leader in the sale of finned tubes.

With subsidiaries and affiliated companies in India, Poland and Hungary, the Airco-Fin Group is dedicated to quality and reliable delivery times.

Our customers can be found all over the world, encompassing refineries, petrochemical/gas plants, manufacturers of equipment for various industries, and maintenance contractors for retubing/replacement services:

- All types of finned tubes for air-cooled heat exchangers.
- Tube supports in aluminium or zinc.
- Aluminium, corrosion-free louvers according to API 661 / ISO 13706 standard.

CEMAL, MEMBER AIRCO-FIN GROUP

E: fintube@cemal.com.pl

CEMAL, founded in 1989 in Poland, has been part of the Airco-Fin Group since 2009. It has been manufacturing extruded and low finned tubes, coils and small heaters since the company was founded.

All workshops within the Airco-Fin Group have their own ISO 9001:2008 certification.

AIRCO-FIN TUBES INDIA PVT LTD

E: info@aircofintubes.com

Airco-Fin Tubes India is a part of the Airco-Fin Group and was founded in 2005 in Hyderabad. Two new workshops with extruded and applied finning machines in combination with Airco-Fin's 30+ years of experience guarantees the same high quality and service provided by Airco-Fin in the Netherlands.

