

**Type E-Fin** is a type of fin tube where the fin is rolled from a hollow blank aluminium tube slid over the core tube by a process using pressure to create a rolled "pressure bond" between the core tube and fins.

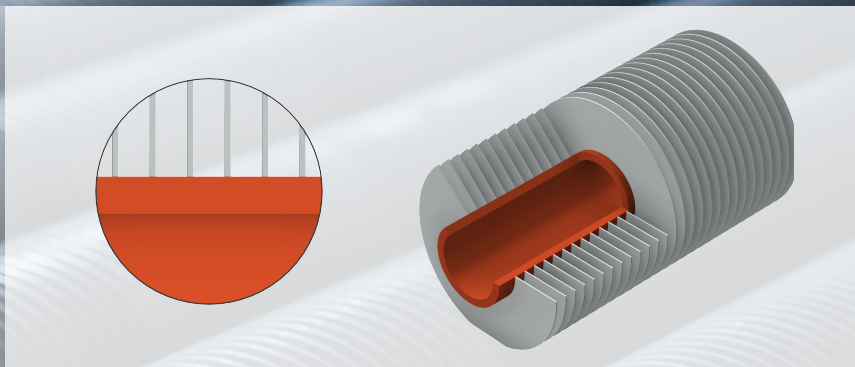
This tube consists of high heat conductivity and can be used for heating and cooling applications as well.

Material of the core tube:	P235GH or austenitic steel A304, A321, A316Ti, A316L
Material of the fin:	Al 99.5
Core tube dimension:	e.g. 25x2; 25x2,5; 25x1,5; 31,8x2 mm
Fin pitch:	2,3 to 5 mm
max. tube sided temp.:	ca. 320 °C
max. shell sided temp.:	ca. 280 °C
Application:	heating and cooling

**Type G-Fin** is a type of fin tube where the fin is mechanically embedded into a groove that is ploughed into the tube and locked into place by rolls that force the groove to tightly close around the fin base.

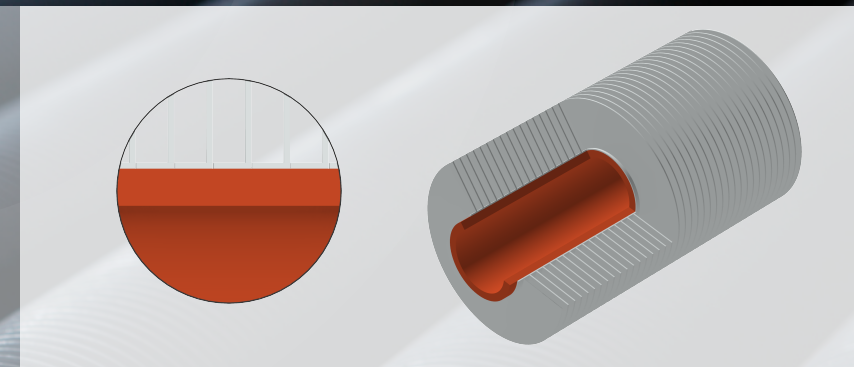
Due to its smooth fin surface the air sided pressure drop is very low even at high air velocities. This tube can be used for heating and cooling applications as well.

Material of the core tube:	P235GH
Material of the fin:	Carbon Steel
Core tube dimension:	e.g. 25x2; 25x2,5
Fin pitch:	2,5 to 5 mm
max. tube sided temp.:	ca. 340 °C
max. shell sided temp.:	ca. 500 °C
Application:	heating and cooling



**Type I-Fin** is a type of tube where the fin is coiled around the core tube with to ensure the fin-to-tube contact. The ends of the fin are tackwelded on the tube. Due to its smooth fin surface the air sided pressure drop is very low even at high air velocities.

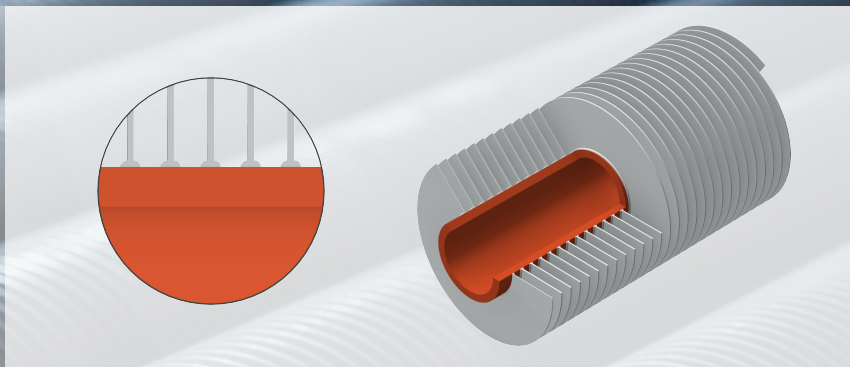
Material of the core tube:	P235GH or austenitic steel A304, A321, A316Ti, A316L
Material of the fin:	Carbon steel or stainless steel
Core tube dimension:	e.g. 25x2; 25x2,5; 25x1,5; 33,7x2,6 mm
Fin pitch:	2,5 to 5 mm
max. tube sided temp.:	ca. 320 °C
Application:	heating



**Type L-Fin** is a type of tube where the fin is coiled around the core tube with to ensure the fin-to-tube contact. The ends of the fin are tackwelded on the tube. To achieve a better contact with core tube the fin has the shape of a L.

Due to its smooth fin surface the air sided pressure drop is very low even at high air velocities.

Material of the core tube:	P235GH
Material of the fin:	Carbon steel
Core tube dimension:	e.g. 25x2; 25x2,5; 25x1,5; 33,7x2,6 mm
Fin pitch:	3,0 to 5 mm
max. tube sided temp.:	ca. 320 °C
Application:	heating

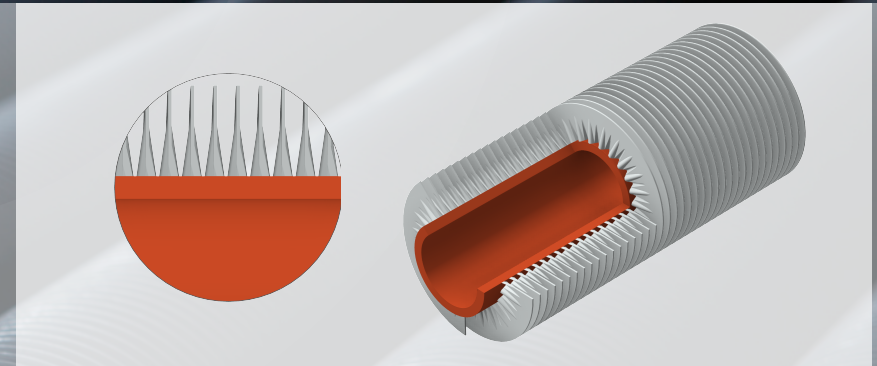
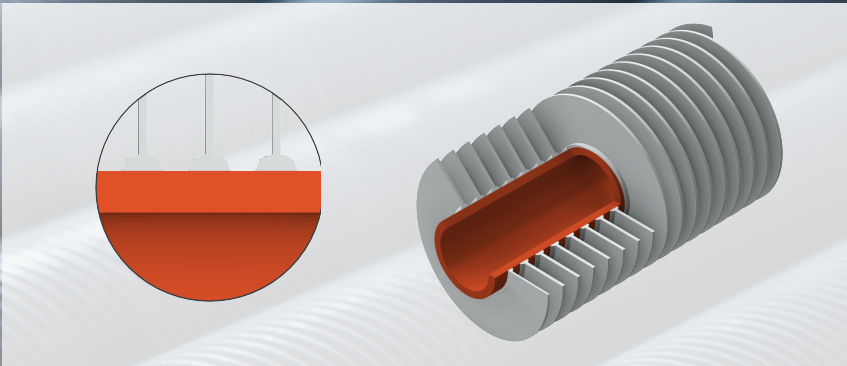


**Type LF-Fin** is a type of fin tube which consists of a circumferential stainless steel or aluminium fin which is welded spirally on a stainless steel core tube by means of a laser.

Due to its smooth fin surface the air sided pressure drop is very low even at high air velocities. This tube can be used for heating and cooling applications as well. The welding process allows close fin pitches (min. 2.5 mm).

For de-heating of high air flows this tube is much more economical in comparison to bare tubes due to the smaller dimensions of the cooler and the less number of tube weldings.

Material of the core tube:	Austenitic steel A316 Ti
Material of the fin:	Austenitic steel A316 Ti or Aluminium 99.5
Core tube dimension:	e.g. 25x1,5; 25x2,0 mm
Fin pitch:	2,5 to 5 mm
max. tube sided temp.:	ca. 340 °C
max. shell sided temp.:	ca. 500 °C
Application:	heating and cooling



**Type S-Fin** is a type of fin tube where the fin is welded circumferentially on a core tube by high-frequency welding.

Due to its smooth fin surface the air sided pressure drop is very low even at high air velocities. This tube can be used for heating and cooling applications as well. Due to the welding process the fin pitch is higher in comparison to other types of fin tubes and is less susceptible to particulate pollution.

Material of the core tube:	P235GH
Material of the fin:	Carbon Steel
Core tube dimension:	e.g. 25x2,5; 33,7x2,6 mm
Fin pitch:	5 to 8 mm
max. tube sided temp.:	ca. 340 °C
max. shell sided temp.:	ca. 500 °C
Application:	heating and cooling

**Type W-Fin** is a type of fin tube with a fin which has a corrugated shape at the foot of the fin. It is coiled around the core tube with a certain pre-tension to ensure an ideal fin-to-tube contact. The ends of the fin are tackwelded on the tube.

The exchanging surface of this tube is about 20% higher in comparison with the smooth fin and the rate of turbulence is higher additionally.

Material of the core tube:	P235GH or austenitic steel A304, A321, A316Ti, A316L
Material of the fin:	Carbon steel or stainless steel
Core tube dimension:	e.g. 25x2; 25x2,5; 25x1,5; 33,7x2,6 mm
Fin pitch:	3,3 to 6 mm
max. tube sided temp.:	ca. 320 °C
Application:	heating