COPPER ALLOYS

Innergroove

Innergroove is an internally grooved copper pipe, an ideal product for the manufacture of heat exchangers and air conditioners, also available in a micro-groove version with a 5 mm diameter.
The Feingroove copper pipe, in addition to being produced in compliance with the EN 12735-2 and EN 12449 standards, is produced with the innovative Feinrohren SGFS system capable of guaranteeing zero internal residues and a constant average grain size over the entire length of all the coils.
The Feingroove copper PIPE is compatible with new and old generation lubricants and coolants.
The Feingroove copper pipe is available in LWC coils with or without cardboard core.

Application sectors

- **Air conditioning**
- **Refrigeration**

Custom solutions

Study and feasibility for the manufacture of copper pipes (and configurations) at the specific request of the customer, based on application requirements.



HEADQUARTERS
Via Generale Reverberi, 8 | 25050 Passirano (BS) - Italy
030 6549011 | info@feinrohren.it

feinrohren.it

FEINROHREN GROUP

Feingroove

Standard: EN 12735-2, EN 12449 and customer specifications

Cu-DHP copper pipe with internal grooved surface in LWC coils.

FEINGROOVE is a copper pipe with internal grooving made to improve the heat exchange and, consequently, the efficiency of air conditioning systems.
It is produced and tested with the most sophisticated tools, in order to guarantee the technical specifications of the required profile (base thickness, number, angle and height of fins,
spiral angle etc.).
The absence of welding ensures a constant heat exchange on the total surface of the pipe and a constant mechanical resistance on all points of the circular section.
Use of the Feinrohren SGFS system guarantees excellent and constant workability.

Custom Services

- **Thermal performance software**- Software to simulate the thermal performance of grooved pipes.
- **Software for FEM analysis** - FEM simulations on different pipe profiles and dimensions.
- **Collaboration with engineering department** - Testing, analysis and research.
- **Machinery to test and use the pipe** - Design and development of custom machinery.





HEADQUARTERS
Via Generale Reverberi, 8 | 25050 Passirano (BS) - Italy
030 6549011 | info@feinrohren.it

FEINROHREN GROUP