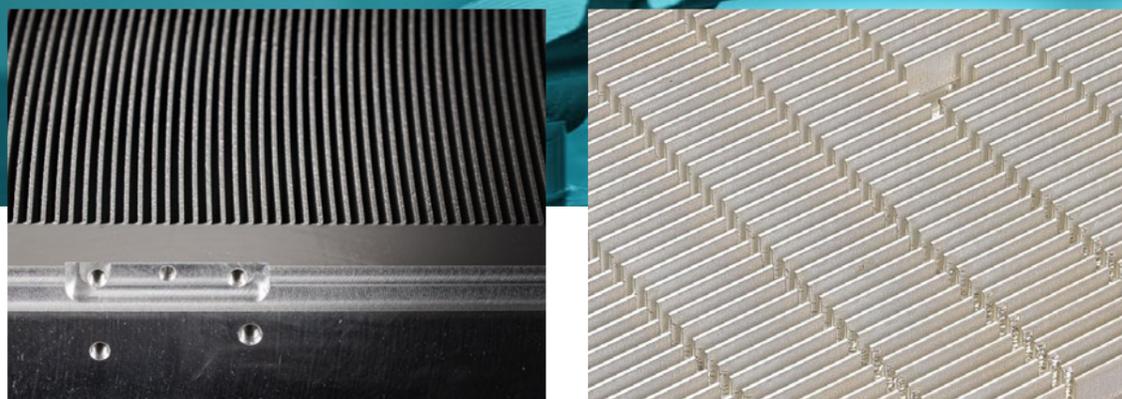


AluCool

Skiving technology
brings new power to
cooling elements



Advanced skiving technology enables more powerful cooling elements



Today, cooling elements are required to provide higher and higher cooling power. The advanced skiving technology utilised by Purso AluCool allows for a denser fin spacing and more effective heat transfer in aluminium cooling elements.

Thanks to this technology, it is possible to reduce the size of the cooling element which, in turn, cuts down material costs.

Our skiving technology allows us to provide our customers with a wider selection of fin strengths, spacing and height. The elements can be designed with wavelike, slanted or disjointed shapes. The new technology also expands the element mixture and the range of raw materials: the cooling elements can be made from various 1000 series mixture or copper, for example.

Purso AluCool is a forerunner in utilising skiving technology in the European cooling element market.

Why choose AluCool's cooling elements?

- € Affordable to get started
- ⚙️ Unique size-to-power ratio
- ♻️ Purso Greenline recycled aluminium available for manufacture and the elements are recyclable at end-of-life
- 🇫🇮 Designed and manufactured in Finland

Technical properties feasible for elements manufactured with skiving

- Minimum width 50 mm
- Maximum width 580 mm
- Maximum height 120 mm
- Maximum length 1,100 mm (with maximum 50 mm fin height, for example)
- Fin strength 0.3–1.2 mm

The solution is designed for

- Manufacturers of electronic devices utilising high power electronics and requiring efficient cooling
- Manufacturers of renewable energy devices, transformers, inverters, electronic vehicle charging stations or 5G base stations

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Top-class cooling elements for the electrical and electronics industries

Purso AluCool is Finland's leading contract manufacturer of cooling elements. We manufacture top-class cooling elements with heat transfer capabilities to equipment, machinery and lighting industry customers operating around the world. Our products are designed and manufactured by our 15 experts in Tervajoki, Finland. Purso AluCool is part of Purso Group.

