Superthal™ heating modules
Mini

**Compact heating at high temperature**
Superthal™ Mini is a complete compact heater ready to connect to the power supply. The standard inner diameter is 26 or 31 mm (1 or 1.2 in), and the maximum element temperature 1550°C (2820°F), which corresponds to a furnace temperature of around 1500°C (2730°F).

Superthal Mini is made of a Kanthal® Super molybdenum disilicide (MoSi₂) heating element and an insulation high grade ceramic fiber. The stainless steel casing protects the heater and the electric contacts.

Superthal Mini is easy to control and can be rapidly heated up and cooled. The temperature profile is uniform.

**Applications**
All types of melting and processing in the dental and medical industry and general material research and development.

**SPECIAL FEATURES**
- Reduced energy consumption
- Precise temperature control
- Uniform temperature distribution
Technical information

Specifications
Superthal™Mini consists of a Kanthal® Super MoSi₂ heating element, ceramic fiber with element supports and a stainless steel casing also protecting the electric contacts.

It is ready to be connected to the power supply.

The lifetime exceeds 3000 cycles to 1500°C (2730°F).

Special dimensions can be manufactured on request.

Product name
Superthal Mini, MS 26 or MS 31.

Sandvik Group
The Sandvik Group is a global high technology enterprise with 47,000 employees in 130 countries. Sandvik’s operations are concentrated on three core businesses: Sandvik Tooling, Sandvik Mining and Construction and Sandvik Materials Technology – areas in which the group holds leading global positions in selected niches.

Sandvik Materials Technology
Sandvik Materials Technology is a world-leading manufacturer of high value-added products in advanced stainless steels and special alloys, and of medical implants, steel belt-based systems and industrial heating solutions.

Kanthal is a Sandvik owned brand, under which world class heating technology products and solutions are offered. Sandvik, Kanthal and Superthal are trademarks owned by Sandvik Intellectual Property AB.

Recommendations are for guidance only, and the suitability of a material for a specific application can be confirmed only when we know the actual service conditions. Continuous development may necessitate changes in technical data without notice.

This printed matter is only valid for Sandvik material. Other material, covering the same international specifications, does not necessarily comply with the mechanical and corrosion properties presented in this printed matter.