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- Catalogue **f.cool**
Extruded heatsinks
Processor coolers
Cooling aggregates



- Catalogue **f.con**
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19" technology
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- No, thank you. We do not have any need for your data.
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We are pleased for helping us to avoid waste.

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LED Light for you
powered by OSRAM
CERTIFIED PARTNER

TÜV
CERT
ISO 9001

TÜV
ISO 14001



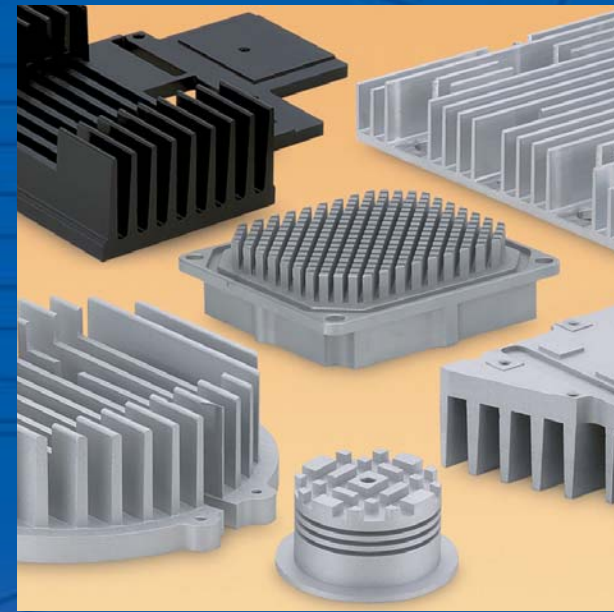
Thermal management for LED applications

Star shaped/extruded heatsinks
Treated extruded profiles
LED heatsinks
Thermal management for LEDs



Star shaped heatsinks and extruded heatsinks

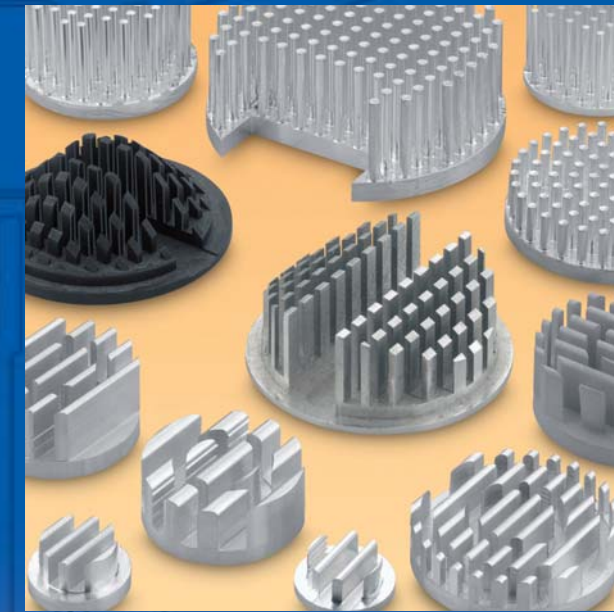
- permanently anodized, large programme of LED standard heatsinks
- star shaped heatsinks for the use as a LED light case
- compact case profile with integrated guide channel for direct reception of fixed and flexible LED line modules
- all profiles are also available as meter ware
- versions and treatments can be done according to customer's specifications



Treated extruded profiles

- ultimate treatment quality according to your specifications due to the most modern CNC treatment centres
- wide range of standard heatsink profiles available on stock
- profile treatments up to a size of 1600 mm
- easy data exchange by using contemporary CAD/CAM-systems
- special profiles for your special applications

Round and pin heatsinks
Thermally conductive material
Surface finishing
Quality management



Round and pin heatsinks

- flat LED mounting surface
- small weight due to optimised geometries
- any installation position and very good thermal effectiveness due to aerodynamical omnidirectional fin geometry
- excellent thermal conductivity due to special aluminium alloys
- the contour is also available as milled parts according to customer's specification



Thermally conductive material

- high thermally conductive and electrically isolating foils
- various materials such as silicone elastomer, mica washers, capton insulating washer, aluminium oxide wafers
- thermal transfer compound with and without silicone, thermally conductive glue, thermal interface film
- customer specified production of our thermally conductive foils according to your drawing made in our in-house foil-pressroom



LED heatsinks

- suitable for all current LED-types
- very effective in the use of heatsinks for LEDs
- suitable for free and enforced convection
- effective heat conduction by using additional copper coating of the LED mounting surface
- LED assembly by using screws, thermal conductive adhesive foils or thermal conductive glues
- customer specified versions and modifications



Thermal management for LEDs

- innovative product development and competence in cooling LEDs
- certified partner in the Osram network "LED - Light for you", www.ledlightforyou.com
- consultancy and construction support with application based "Thermal management"
- in-house measuring lab for thermal analysis of customer specified cooling concepts, prototype construction



Surface finishing

- noncorrosive, decorative surfaces and anodic oxidation made in fully automatic equipment
- natural colour and black anodised as well as customer specified colours
- anodization of aluminium and aluminium alloys
- further surface treatments such as gold plating, tin-coating, bating, degreasing and chrome VI free transparent passivation



Quality and environmental management

- certified according to DIN EN ISO 9001 and 14001
- methodical increase of customer focus and customer satisfaction
- permanent enhancement of the effectiveness regarding processes of the quality management system
- registration of the future market demands
- permanent employee training for compliance with our company guidelines