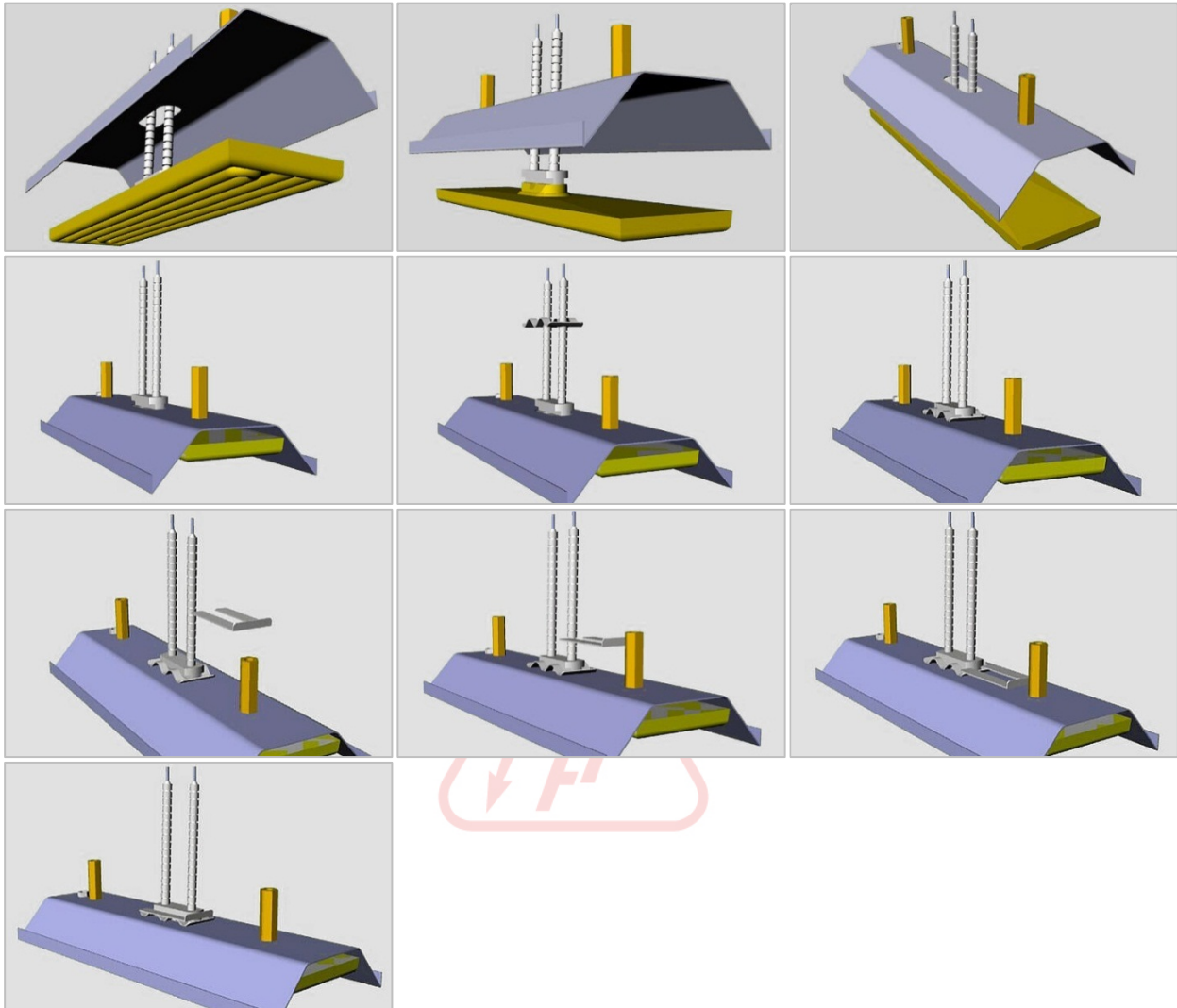


Installation of Ceramic Elements

The images show the installation arrangement for a ceramic infrared heating element. The element is pushed through the aluminised steel reflector. The stainless steel spring is then placed down over the power leads onto the element mounting pillar. The stainless steel clip is then slid into position as shown to retain the element in place. The clips and springs are provided with the elements.



This system of retention allows the element to expand and contract within the reflector as it heats up and cools down.

Oval punching reflector slot dimensions: 42 mm x 15 mm

Recommended Radiation Distance

The recommended radiation distance of 100 mm to 200 mm for industrial applications should be assumed.

Installation Spacing

The recommended minimum installation centre to centre spacing for the different types of elements is:

- FTE - 250,0 mm, 62,5 mm
- HTE - 125,5 mm, 62,5 mm
- QTE - 62,5 mm, 62,5 mm



friedr. freek

www.freek.de