



## **CRN TECNOPART, S.A.**

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**CETAL**

**CT- 010.24E**

## **UNIT ELEMENTS AND ASSEMBLIES**

Tubular heating elements are required solutions for maintaining the temperature of solids, liquids, gases or heating them up electrically with the help of the Joule effect, conduction, convection or radiation in all types of industry.

Tubular heating elements are produced according to drawings, models, templates or customers' specifications, with a maximum developed length of 6600 mm.

The heating element, diameter ranging from 6.5 to 16 mm, is made of copper, stainless steel or incoloy. Watt densities are adapted to processes.

Unit production, prototyping and mass-production are feasible.

### **SPECIFICATIONS**

- Power range from a few watts to hundreds of kW
- Power supply; low voltage – medium voltage – up to 1000V, single or three-phase connection
- Utilisation temperature up to 1000 °C
- Dimensions to samples – drawings – specifications
- Materials; cooper – stainless steel – incoloy – inconel
- Mounting systems: special flanges – connectors – plugs – standardized flanges
- Assembly method: cramping – brazing – welding
- Wiring: threaded terminals – fasto – cables
- Protection: normal – sealed – explosion proof casings

