

ЕЛЕКТРОЛУКС

ФАБРИКА ЗА ГРЕАЧИ

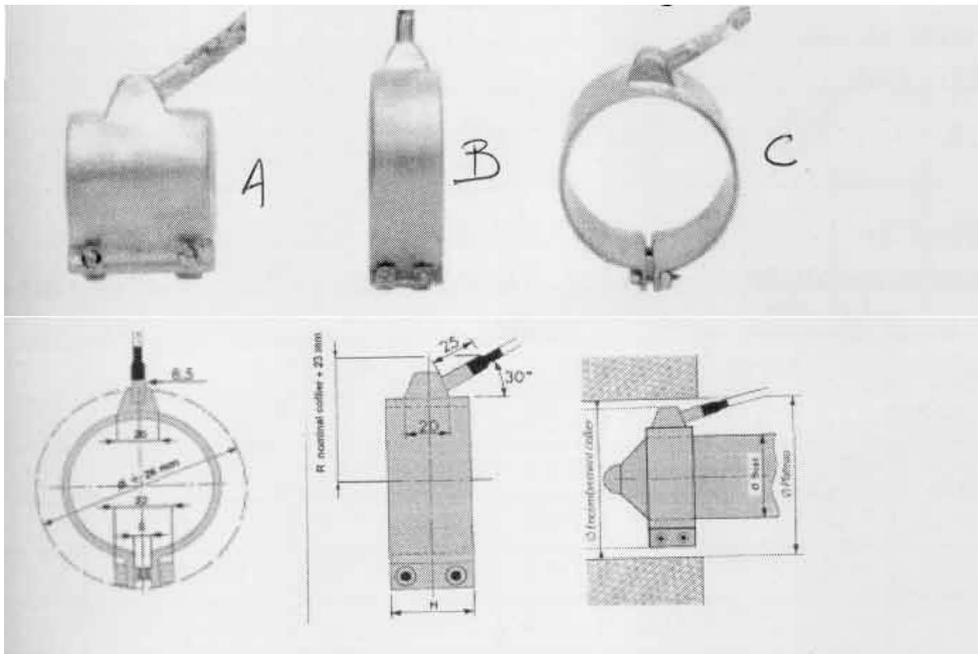
WATERPROOF NOZZLE HEATERS



Technical Description :

They have Bronze covers totally waterproof. They are unaffected from oils, acids or plastics, with armored leads on iron braid and high mechanical strength. Suitable for injection machines.

3 possible cable orientations



Typical applications :

Used for the heating of cylindrical parts in healthy atmosphere.

- Plastic Industry

- Moulds

How you can order :

To order you must specify us the following features :

- Inside diameter of the heater or the perimeter of the tube that you want the heater to be adjusted.

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- Width of the heater

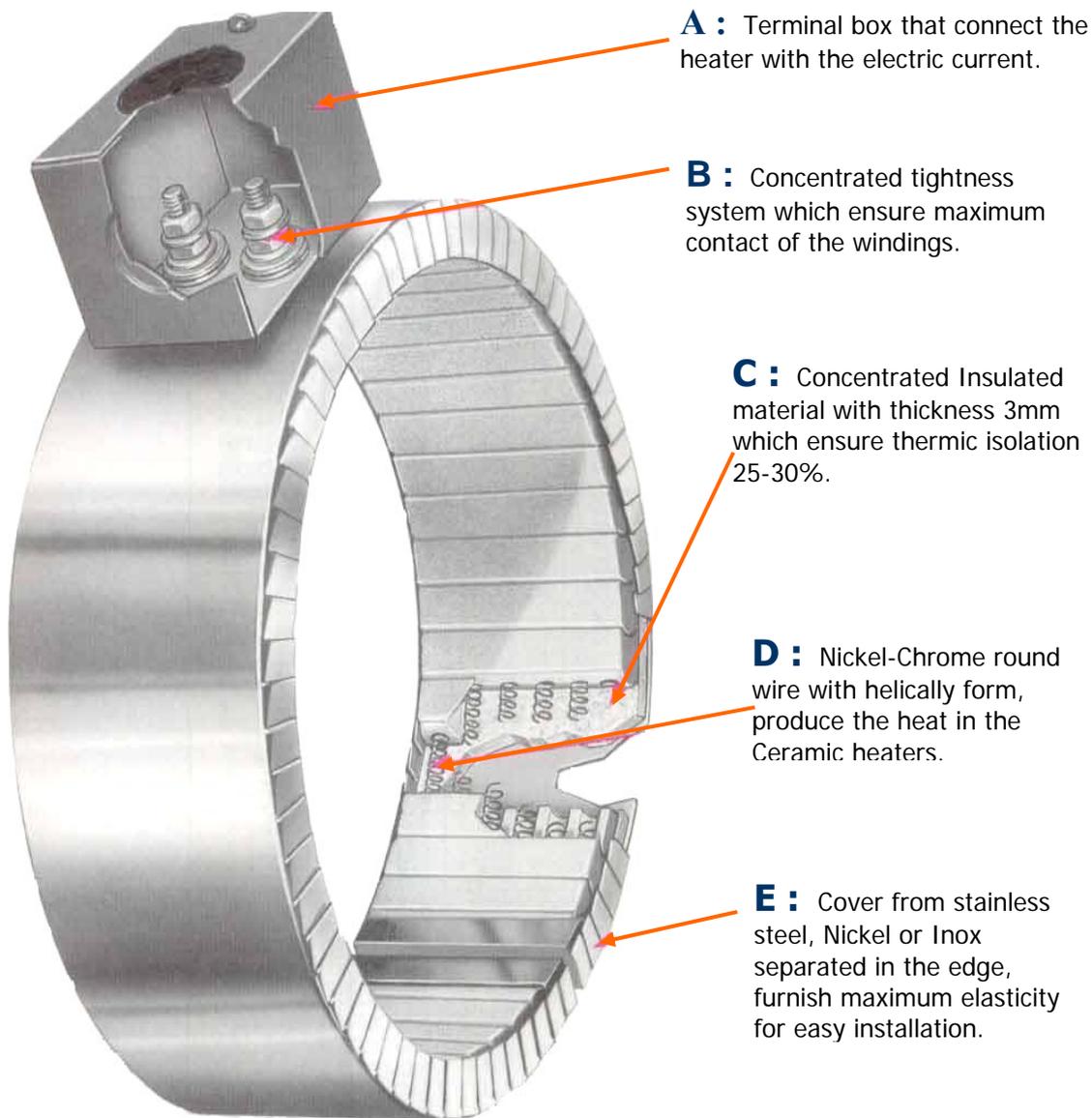
- Wattage

- Voltage

CERAMIC HEATERS

If you have more demand in heating you should use Ceramic band heaters. Their working temperature is up to 650 degree C. The ceramic material that it is constructed works as a capacitor of heating, it accumulates the temperature and convey to space normally with big durability.

Technical characteristics :



A : Terminal box that connect the heater with the electric current.

B : Concentrated tightness system which ensure maximum contact of the windings.

C : Concentrated Insulated material with thickness 3mm which ensure thermic isolation 25-30%.

D : Nickel-Chrome round wire with helically form, produce the heat in the Ceramic heaters.

E : Cover from stainless steel, Nickel or Inox separated in the edge, furnish maximum elasticity for easy installation.

Typical Applications :

- Plastic Injection Molding Machines
- Plastic Extruders
- Food and Candy Extruders
- Heating of pipes and tanks
- Hot Runner Molds
- Holding Machines

How you can order :

To order you must specify us the following features :

- Inside diameter of the heater or the perimeter of the barrel that you want the heater to be
- Width of the heater

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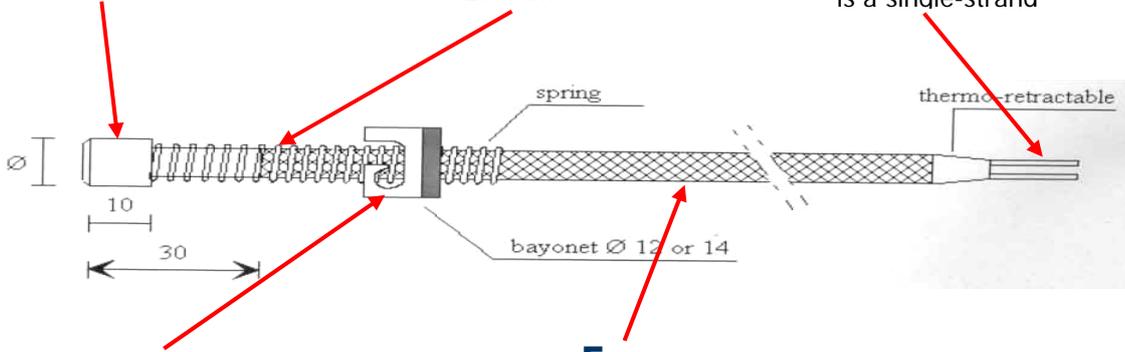
THERMOCOUPLES

Thermocouples with bayonet

A : Insulated stainless sheath in diameter 6mm or

B : Length of spring 250mm

C : Each conductor is a single-strand



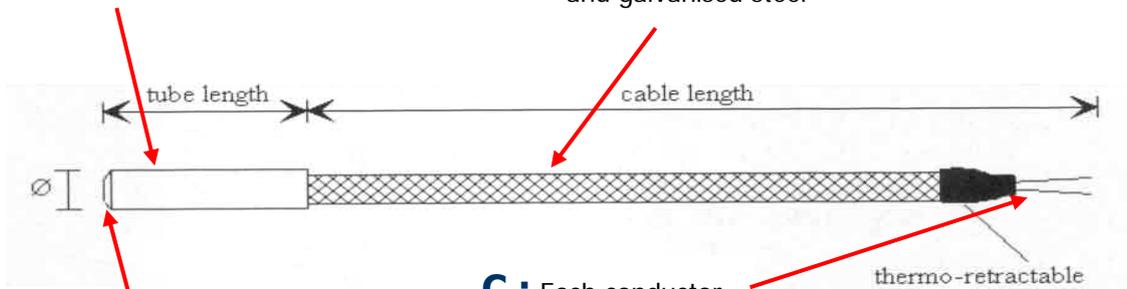
D : Bayonet in nickerled brass D12mm

E : Fiber glassed cable and galvanised steel

Thermocouples without bayonet

A : Insulated stainless sheath in diameter 6mm or

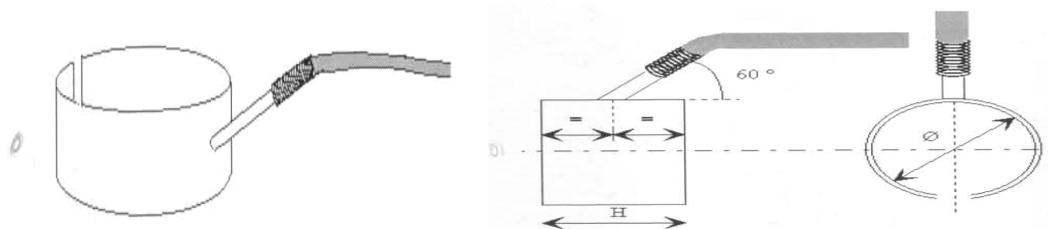
B : Fiber glassed cable and galvanised steel



C : Flat end

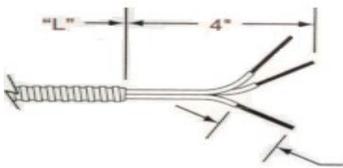
C : Each conductor is a single-strand

Thermocouples for Nozzle Heaters



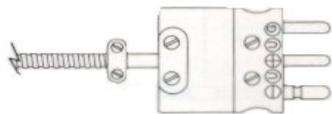
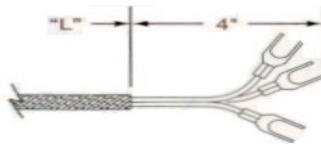
- It can be constructed at any diameter from D30mm up to D90mm
- Width from 22mm
- Standard lead connection 3000 mm
- The position of the tube (standard at 60 degree) can be modified
- Temperature max. of utilization : 400 degree C

Termination Styles :



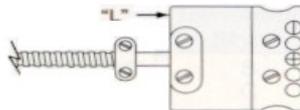
Style A : Plain Ends

Style B : Ends with Lugs in spade style



Style C : Plug

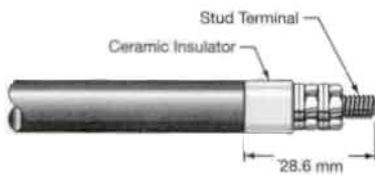
Style D : Jack



TUBULAR HEATERS

Technical characteristics :

Termination :



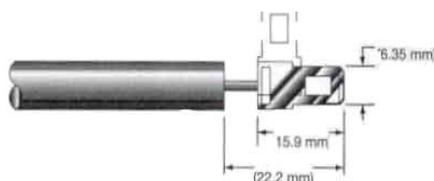
Standard

Threaded stud terminal with ceramic insulator.



Pin

Plain terminal pin.



Quick Connect

Male terminals are welded to the element terminal pins. They provide quick and easy installation of wires with excellent holding force.

Typical application :

- Forced air heating
- Thermal forming machines
- Direct Immersion in liquids

- Welded, brazed or clamped to tanks and pipes

How you can order :

To order you must specify us the following features :

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- Where are they used (application)

- Heated length

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All the heaters must pass the following tests before shipment :

- 1.** Resistance test - to verify wattage
- 2.** Insulation test - to measure leakage current resistance
- 3.** High Voltage test - to proof the insulation against ground and short circuits
- 4.** Hydrostatic or air pressure test - to leakproof test all welding of the elements to the flange