



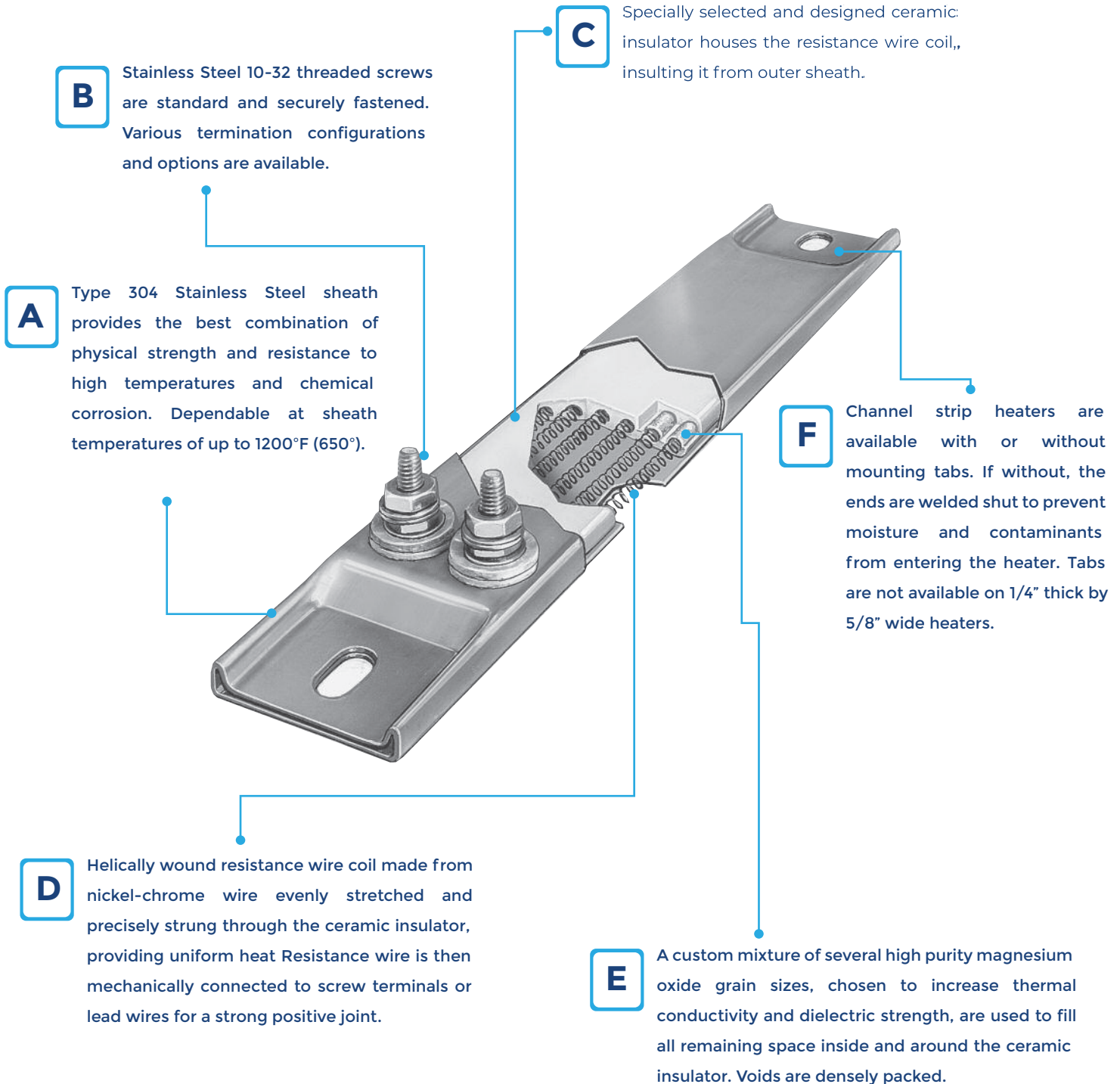
Strip heaters are used principally for convection-type air heating and clamp-on installations. Strip heaters, often known as component heaters, are a simple way of using surface area to transfer heat effectively. Steel strip heaters are an excellent industrial heating product and can be easily controlled by using a temperature controller such as a mechanical Thermostat or a cost-effective bimetal thermostat that can be installed on the surface you are heating. Mounting holes are useful to mount the process heaters securely on almost any surface with terminal extending from the sheath for easy electrical connections. Strip heaters can be clamped or bolted onto objects or solid surface contact heating over large

Areas and are primarily used in indoor applications. Strip heaters are usually flat, straight and similar in shape to a ruler, but they are often finned for fuller heat radiation when they are used to heat air. They can also be used to heat tubes, pipes and nozzles, in which case they can be designed as circular bands that clamp around cylindrical objects. Strip heaters may be used individually or in groups to provide melting, drying or air heating. Strip heaters can also be used in the formation and shaping of plastics. In plastic Extrusion, strip heaters can be used to assist in the plasticization of raw plastic stock while it is processed in a conveyance channel. They are also used to heat plastics in advance of bending processes.

## Application

Strip heaters are designed for the heating of flat metallic parts (tools, plates, moulds, etc.) and for the indirect heating of fluids through a wall (tanks, containers, etc.) up to 600°C, 400 V 1-ph. Strip heaters clamp or bolt onto objects in order to heat a variety of materials. When used as radiant heaters, they include finned strips to maximize surface area and heat transfer to the air. Strip heaters consist of a heating element, protective sleeve, and mounting hardware.

- Surface heating
    - Dies
    - Molds
    - Tanks
    - Piping
  - Dropping resistors
  - Line applications in railroads and load banks
  - Process air heating
    - Ovens
    - Drying cabinets
    - Baking ovens
    - Vacuum dehydrating ovens
    - Moisture protection for motors
  - Dehumidifiers
  - Pace heating
  - Packaging and sealing equipment
  - Food warming equipment
  - Vulcanizing presses
  - Drying equipment
  - Laboratory equipment
  - Air conditioning
- Winterizing
    - Hoppers
    - Conveyors
    - Ducts
    - Car heating systems
    - Thawing

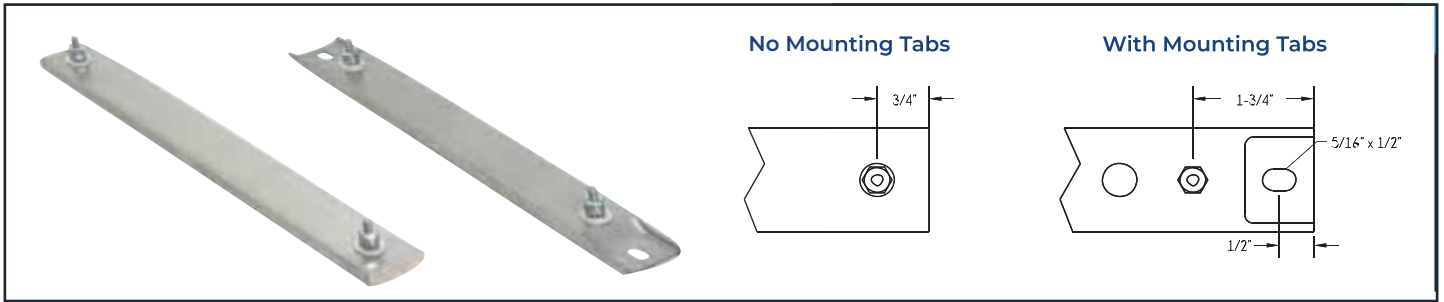


# Screw Terminal Terminations



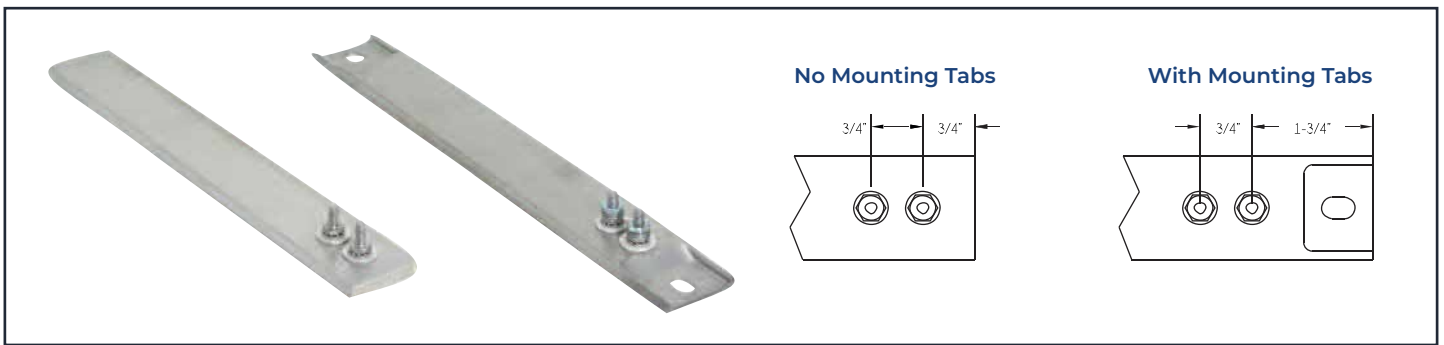
**OPTION 1** Strip Heater with Screw Terminals at Each End

Available on 1" and 1-1/2" wide heaters



**OPTION 2** Strip Heater with Screw Terminals at One End, Tandem

Available on 1" and 1-1/2" wide heaters



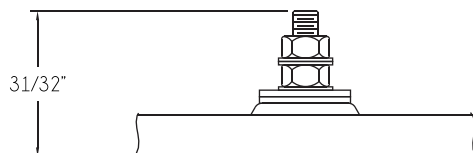
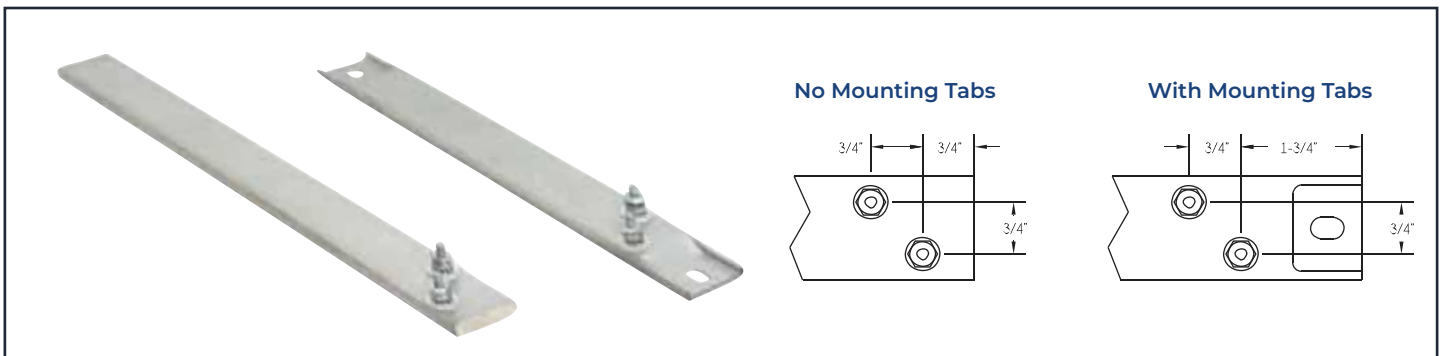
**OPTION 3** Strip Heater with Screw Terminals at One End, Parallel

Available on 1" and 1-1/2" wide heaters only



**OPTION 4** Strip Heater with Screw Terminals at Each End, Offset

Available on 1" and 1-1/2" wide heaters only



10-32 Screw Terminal Height