Band Heaters

Ceramic Band Clamping Variations

Type B – Built-In Bracket (Standard)

The Built-In Bracket is the basic design most often specified by OEMs and processors. The standard screw used is 1/4-20. It is available with all types of insulation, construction styles, and termination variations.

**Limitations** – One-Piece Bands
- Min. ID: 2” (50.8 mm)
- Min. Width: 1” (25.4 mm)

**Limitations** – Two-Piece Bands
- Min. ID: 2” (50.8 mm)
- Min. Width: 1” (25.4 mm)

Type S – Built-In Bracket with Spring-Loaded Screw

The Built-In Bracket can also be supplied with a spring-loaded screw. The spring-loaded clamp aids in absorbing thermal expansion.

**Limitations** – One-Piece Bands
- Min. ID: 2” (50.8 mm)
- Min. Width: 1” (25.4 mm)

Type L – Latch and Trunnion

The spring-loaded Latch and Trunnion clamping system is ideal for bands over 12” in diameter to absorb thermal expansion and facilitate installation on large bands. The Latch and Trunnion clamping system is available with all types of insulation, construction styles, and termination variations.

**Limitations** – One-Piece Bands
- Min. ID: 4” (101.6 mm)
- Min. Width: 1” (25.4 mm)

**Limitations** – Two-Piece Bands
- Min. ID: 4” (101.6 mm)
- Min. Width: 2” (50.8 mm)

Type F – Bent-Up Flange (Ears)

The Bent-Up Flange (Ears) design is available with all types of insulation, construction styles, and termination variations.

**Limitations** – One-Piece Bands
- Min. ID: 2” (50.8 mm)
- Min. Width: 1” (25.4 mm)

**Limitations** – Two-Piece Bands
- Min. ID: 4” (101.6 mm)
- Min. Width: 2.5” (63.5 mm)

Shell Overlap

The Shell Overlap design is the preferred method of providing a thermocouple mounting hole in a ceramic band heater. It is available with all types of insulation, construction styles, clamping and termination variations.

**Limitations** – One-Piece Bands
- Min. ID: 3” (76.2 mm)
- Min. Width: 1-1/2” (38.1 mm)
- Standard Hole: 3/4” (19.1 mm)

**Limitations** – Two-Piece Bands
- Min. ID: 4” (101.6 mm)
- Min. Width: 2” (50.8 mm)
- Standard Hole: 3/4” (19.1 mm)