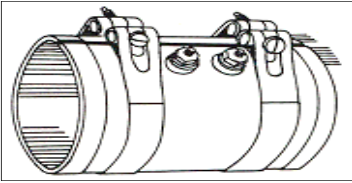
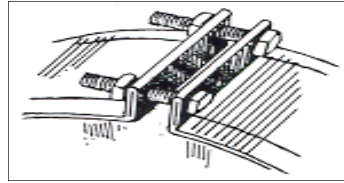


**OPTION 1**



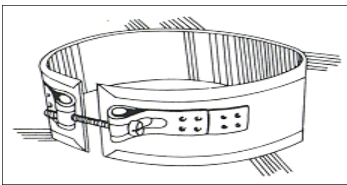
**Barrel Nut Strap – Standard Heater Construction.** High torque clamping straps provide superior heat transfer and greatest heater life; should be used whenever possible. Flexible strap locating allows for easier installation.

**OPTION 2**



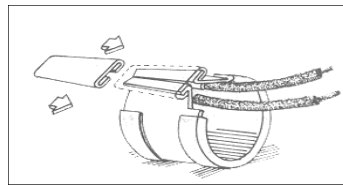
**Clamping Tabs –** Are available for applications where straps impede openings for instrumentation. However, high-torque clamping straps provide superior heat transfer and should be used whenever possible.

**OPTION 3**



**Integral Straps —** attached straps eliminate strap loss. Especially helpful on large, 2 piece bands, where installation of heater and separate strap may be awkward. Stainless steel outer sheath provides low expansion clamping pressure across the entire heater surface.

**OPTION 4**

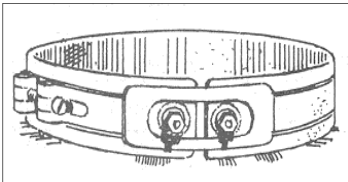


**Wedge Lock —** provides low profile clamping where space is limited and can not be used. Available in Type 3 or 4 leads.



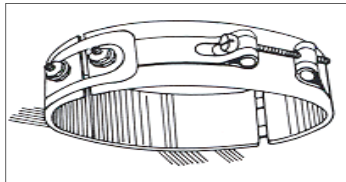
**TEVAC DESIGN OPTIONS**

**ONE PIECE**



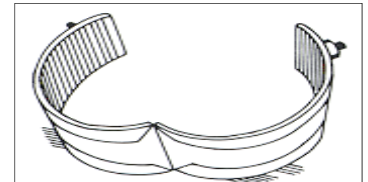
**Standard Construction**  
The 1pc design allows for continuous windings of the resistance ribbon with minimal cold sections along the diameter of the band.

**TWO PIECE**



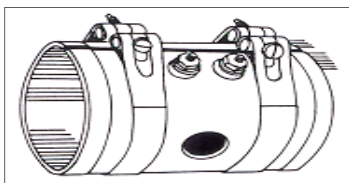
**Two Piece Bands** can be easily installed over a cylinder rather than slipped on from the end. Specify the line voltage and wattage per half. Available in all lead options.

**E-EXPANDABLE**



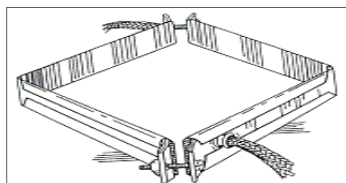
**Expandable Bands** are designed to be opened and closed for quick installation. They are shipped open and **should not be opened or closed more than twice.** Available in all lead options.

**H-HOLE**



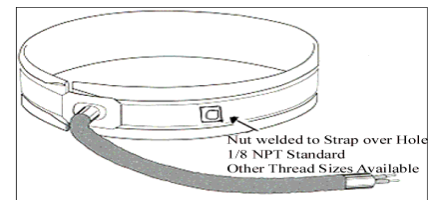
**Holes, Cut-Outs & Notches**  
Provide clearance for T/C probes, bolts, etc. Specify hole locations in degrees from center of gap. For critical locations provide sample band or detailed drawing. Available in all lead options. In many cases an oversized gap can eliminate the need for special holes.

**IR-IRREGULAR SHAPE**



**Hexagonal, Rectangular, Square, or Irregular Shaped Heaters -** offered for special shaped dies and applications. 1 or 2pc construction is available.

**TMN-T/C MOUNTING NUT**

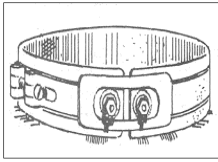


**T/C Mounting Brackets-** available for attachment to the heater band strap to hold the T/C sensor in place. Specify location. 1/8 NPT thread size standard, other NPT sizes available.

**MANY HEATERS  
IN STOCK!**

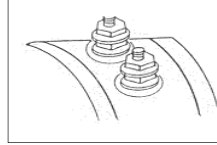
**TEVAC LEAD OPTIONS**

**TYPE 1**



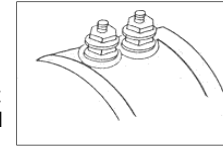
**Post Terminals 1 on 1** with 10-32 threads are securely fastened to each end of the resistance winding with a unique posi-weld connection.

**TYPE 2**



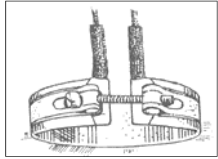
**2 on 1 In Line Post Terminals** are available on any construction or clamping variation. Recommended for narrow band heaters where post terminals are preferred and terminal box protection is required.

**TYPE 2A**



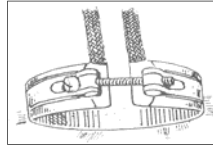
**2 on 1 Side by Side Post Terminals** are available on any construction or clamping variation. Standard on band heaters over 3" wide and for terminal box protection.

**TYPE 3**



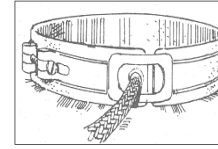
**Dual Protective Fiberglass Sleeve Leads** are the most common lead arrangement for nozzle heater application. High temperature flexible lead wire exits the unit through a protective fiberglass sleeve & the side adjacent to each end. The sheath encloses both ends to protect against molten plastics & other contaminants.

**TYPE 4**



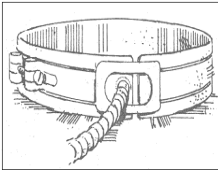
**Dual Stainless Steel Braid** is designed for additional protection against molten plastics and abrasion. High temperature flexible leads are individually covered with a stainless steel braid which exits the heater through the side similar to type 3.

**TYPE 5**



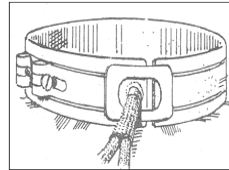
**Single Stainless Steel Braid** lead arrangement offers excellent abrasion resistance and provides for simple wiring installation. The high flexible leads exit together near the end of the band through a protective flange and a single SS Braid.

**TYPE 6**



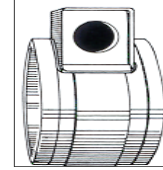
**Stainless Steel Hose** offers the greatest resistance to heat, moisture, and abrasion while remaining flexible. Locating leads exit near one end of the band.

**TYPE 7**



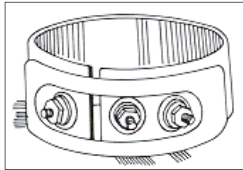
**Protective Flange and a Single Fiberglass Sleeve** is recommended for applications where abrasion resistance is not a factor. The leads exit the heater one end of the band.

**TYPE 8**



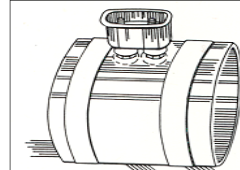
**Terminal Boxes** are used to protect exposed terminals. Knock outs and threaded holes are available for armor cable or conduit connections. Minimum band diameter is 3". Type 1 post terminals are under terminal box.

**TYPE 10**



**Terminal Lead Construction** is available to provide dual voltage, three phase, three zone operation, or act as a ground. Available in all lock-up options.

**TYPE 11**



**European Plugs** allow for quick disconnect and replacement of heaters on foreign manufactured machinery. The standard plug is 2 pin, 240 volt and 15 amps.

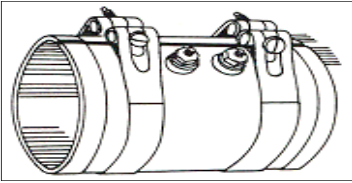
**TEVAC'S SUGGESTIONS FOR LONG HEATER BAND LIFE**

The cylinder to be heated should be clean and smooth for good heat transfer between the band and cylinder. Air gaps can cause "hot spots", resulting in shortened heater life. TEVAC'S Band Heaters when installed should be tightened, then tapped with a soft mallet to help "snug" the band to the cylinder. Tighten again after tapping. Once the heater has been operated for a short time, retighten the heater band after it has cooled. Check regularly to maintain a tight fit. One piece heaters should not be opened too wide to prevent internal damage. If a one piece can not be slid on, then a two-piece or expandable band is recommended. The ideal wattage calculation should allow the heater to operate with a minimal amount of on-off cycling. Proper temperature control and sensing can improve heater life considerably. TEVAC'S Band Heaters are designed to withstand considerable abuse and contamination. However, care should be taken to protect lead connection and minimize contaminants that could cause the heater to carbonize and fail prematurely.

**TO PLACE AN ORDER, PLEASE SPECIFY:**

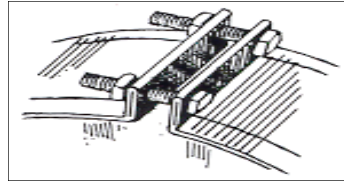
- QUANTITY
- INSIDE DIAMETER
  - WIDTH
- VOLTAGE – on two piece bands, each piece to be rated at the operating voltage.
  - WATTAGE – on two piece bands, specify total wattage.
    - BASIC CONSTRUCTION AND OPTIONS
    - PART # – if known or previously ordered.
    - GAP – if other than factory determined minimum.
      - LEAD LENGTH

**OPTION 1**



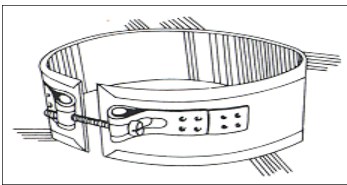
**Barrel Nut Strap – Standard Heater Construction.** High torque clamping straps provide superior heat transfer and greatest heater life; should be used whenever possible. Flexible strap locating allows for easier installation.

**OPTION 2**



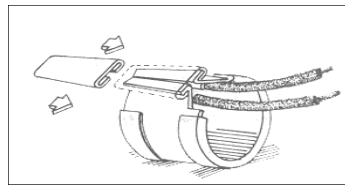
**Clamping Tabs –** Are available for applications where straps impede openings for instrumentation. However, high-torque clamping straps provide superior heat transfer and should be used whenever possible.

**OPTION 3**



**Integral Straps —** attached straps eliminate strap loss. Especially helpful on large, 2 piece bands, where installation of heater and separate strap may be awkward. Stainless steel outer sheath provides low expansion clamping pressure across the entire heater surface.

**OPTION 4**

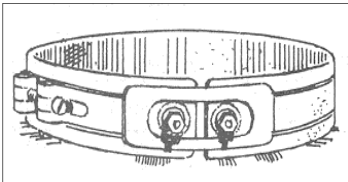


**Wedge Lock —** provides low profile clamping where space is limited and can not be used. Available in Type 3 or 4 leads.



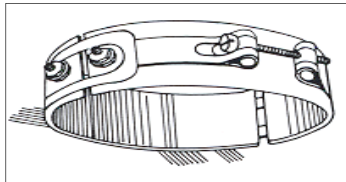
**TEVAC DESIGN OPTIONS**

**ONE PIECE**



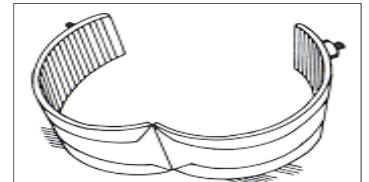
**Standard Construction**  
The 1pc design allows for continuous windings of the resistance ribbon with minimal cold sections along the diameter of the band.

**TWO PIECE**



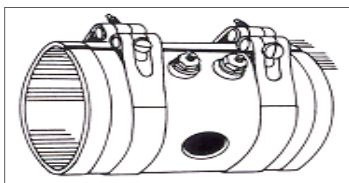
**Two Piece Bands** can be easily installed over a cylinder rather than slipped on from the end. Specify the line voltage and wattage per half. Available in all lead options.

**E-EXPANDABLE**



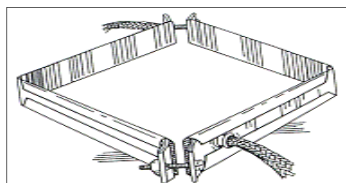
**Expandable Bands** are designed to be opened and closed for quick installation. They are shipped open and **should not be opened or closed more than twice.** Available in all lead options.

**H-HOLE**



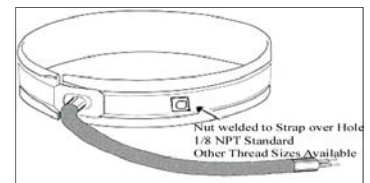
**Holes, Cut-Outs & Notches**  
Provide clearance for T/C probes, bolts, etc. Specify hole locations in degrees from center of gap. For critical locations provide sample band or detailed drawing. Available in all lead options. In many cases an oversized gap can eliminate the need for special holes.

**IR-IRREGULAR SHAPE**



**Hexagonal, Rectangular, Square, or Irregular Shaped Heaters -** offered for special shaped dies and applications. 1 or 2pc construction is available.

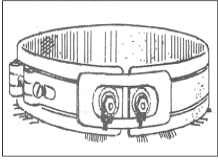
**TMN-T/C MOUNTING NUT**



**T/C Mounting Brackets-** available for attachment to the heater band strap to hold the T/C sensor in place. Specify location. 1/8 NPT thread size standard, other NPT sizes available.

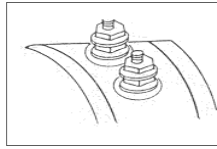
**MANY HEATERS  
IN STOCK!**

**TYPE 1**



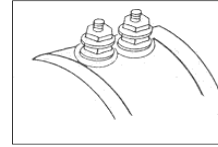
**Post Terminals 1 on 1** with 10-32 threads are securely fastened to each end of the resistance winding with a unique posi-weld connection.

**TYPE 2**



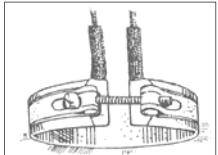
**2 on 1 In Line Post Terminals** are available on any construction or clamping variation. Recommended for narrow band heaters where post terminals are preferred and terminal box protection is required.

**TYPE 2A**



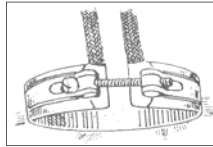
**2 on 1 Side by Side Post Terminals** are available on any construction or clamping variation. Standard on band heaters over 3" wide and for terminal box protection.

**TYPE 3**



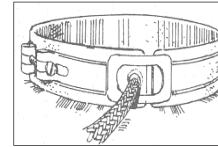
**Dual Protective Fiberglass Sleeve Leads** are the most common lead arrangement for nozzle heater application. High temperature flexible lead wire exits the unit through a protective fiberglass sleeve and the side adjacent to each end. The sheath encloses both ends to protect against molten plastics and other contaminants.

**TYPE 4**



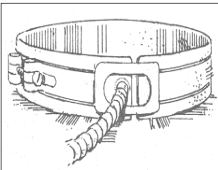
**Dual Stainless Steel Braid** is designed for additional protection against molten plastics and abrasion. High temperature flexible leads are individually covered with a stainless steel braid which exits the heater through the side similar to type 3.

**TYPE 5**



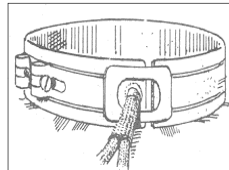
**Single Stainless Steel Braid** lead arrangement offers excellent abrasion resistance and provides for simple wiring installation. The high flexible leads exit together near the end of the band through a protective flange and a single SS Braid.

**TYPE 6**



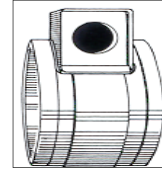
**Stainless Steel Hose** offers the greatest resistance to heat, moisture, and abrasion while remaining flexible. Locating leads exit near one end of the band.

**TYPE 7**



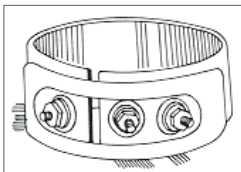
**Protective Flange and a Single Fiberglass Sleeve** is recommended for applications where abrasion resistance is not a factor. The leads exit the heater one end of the band.

**TYPE 8**



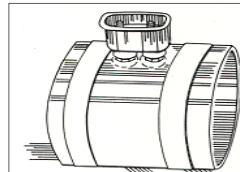
**Terminal Boxes** are used to protect exposed terminals. Knock outs and threaded holes are available for armor cable or conduit connections. Minimum band diameter is 3". Type 1 post terminals are under terminal box.

**TYPE 10**



**Terminal Lead Construction** is available to provide dual voltage, three phase, three zone operation, or act as a ground. Available in all lock-up options.

**TYPE 11**



**European Plugs** allow for quick disconnect and replacement of heaters on foreign manufactured machinery. The standard plug is 2 pin, 240 volt and 15 amps.

**TEVAC'S SUGGESTIONS FOR LONG HEATER BAND LIFE**

The cylinder to be heated should be clean and smooth for good heat transfer between the band and cylinder. Air gaps can cause "hot spots", resulting in shortened heater life. TEVAC'S Band Heaters when installed should be tightened, then tapped with a soft mallet to help "snug" the band to the cylinder. Tighten again after tapping. Once the heater has been operated for a short time, retighten the heater band after it has cooled. Check regularly to maintain a tight fit. One piece heaters should not be opened too wide to prevent internal damage. If a one piece can not be slid on, then a two-piece or expandable band is recommended. The ideal wattage calculation should allow the heater to operate with a minimal amount of on-off cycling. Proper temperature control and sensing can improve heater life considerably. TEVAC'S Band Heaters are designed to withstand considerable abuse and contamination.

However, care should be taken to protect lead connection and minimize contaminants that could cause the heater to carbonize and fail prematurely.

**TO PLACE AN ORDER, PLEASE SPECIFY:**

- QUANTITY
- INSIDE DIAMETER
- WIDTH
- VOLTAGE – on two piece bands, each piece to be rated at the operating voltage.
- WATTAGE – on two piece bands, specify total wattage.
  - BASIC CONSTRUCTION AND OPTIONS
  - PART # – if known or previously ordered.
- GAP – if other than factory determined minimum.
- LEAD LENGTH