

Termination Leads



Nozzle heating applications design with 12" standard lead length.

Leads/Braided Leads

Min. DIA. Full Band	Min. DIA. Half Band	Min. Width
3/4"	1-3/4"	3/4"



Single conductor metal braid over lead wire. Offers most practical solution to abrasion problem. 12" braid with 14" overall length leads are standard.



Standard lead wires exiting 180° from gap.

Armor Cable Leads

Min. DIA. Full Band	Min. DIA. Half Band	Min. Width
1-1/2"	3"	1"

Leads exit at right angle to sheath 5/8" from gap. 12" lead wire in 3" long sleeving is standard. Specify alternate position.



Flexible armor cable is the best solution to lead abrasion problems. 12" armor with 14" overall length leads are standard. Specify alternate position.



Metal Braided Leads



Double conductor metal braid exiting from edge 180° from gap.



Double conductor metal braid over lead wires at same position as Fig. 5. 12" braid with 14" overall length leads are standard. Specify alternate position.

Screw Terminals



Standard position under 2-1/2" wide.

Screw Terminals

Min. DIA. Full Band	Min. DIA. Half Band	Min. Width
3/4"	1-3/4"	3/4"



Standard position over 2-1/2" wide.



Standard with terminal box.



10-32 thread requires 1/2" clearance from cylinder.

Hinged Half Band

Min. DIA. Full Band	Min. DIA. Half Band	Min. Width
-	1-3/4"	1-1/2"

Hinged Half-Band- convenient where two piece heaters are required. Mounting flange and T2 screw terminals. Available with any termination or mounting arrangement.



Half Band-eases installation in difficult situations. Shown with T1 Terminals Available with any termination or mounting arrangement



Probe holes and cut-outs-specify location in degrees from center of gap and size or provide drawing. Often a larger gap (3/4" - 1") will serve the same purpose. Standard gap is 1/4".



Splitcase-Allows heater to be opened one time for mounting. Available with any termination or mounting arrangement.



Minimum diameter is 1-1/2" with a minimum width of 1".



Minimum diameter is 1-1/2" with a minimum width of 2-1/2". With Leads, minimum width is 3/4".

Mounting Configurations

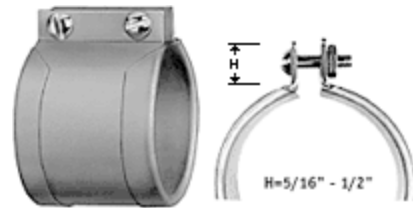


Strap-made from a low expansion alloy to tighten around the whole circumference of the heater with 5/16 socket head bolt. Low Profile: H = 1/4", 1/2" wide (Supplied on 3" I.D. and less). Standard Profile: H = 3/8", 5/8" wide (supplied on 3-1/8" I.D. and larger). Also available with hose clamp or punch lock strap.

Mounting Flange

Min. DIA. Full Band	Min. DIA. Half Band	Min. Width
3/4"	1-3/4"	3/4"

Mounting Flange-a secondary means for mounting where a built-in method is preferred with 5/16 socket head bolt.

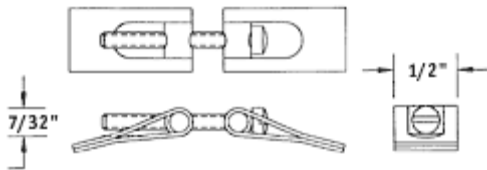
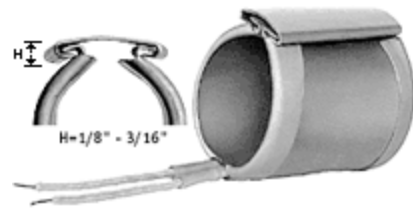


By-Pass Strap-Supplied on less than 2" wide with terminals

Wedge Mount

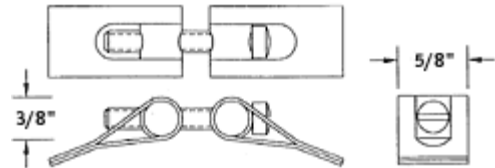
Min. DIA. Full Band	Min. DIA. Half Band	Min. Width
1"	-	3/4" (6" max.)

Wedge Mount-for applications where an extremely low profile is required or where access is limited. Standard with 16" leads.



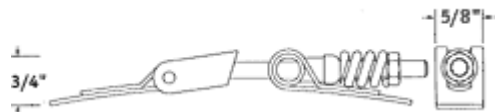
Low Profile Barrel Nut Assembly Welded to Sheath with 6-32 screw.

Standard Profile Barrel Nut Assembly Welded to Sheath with 10-32 screw.

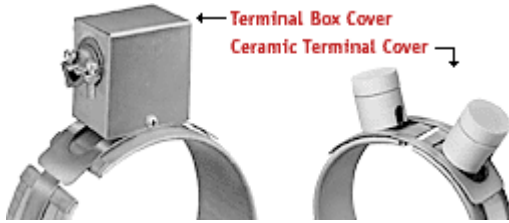


1-1/4" Wide Barrel Assembly Welded to Sheath with 5/16 - 18 socket head screw.

Quick Release Assembly with Spring Loaded Screw - Assembly Welded to Sheath with 1/4 - 20 screw.



Terminal Protection



Terminal Box Cover:
2" H x 1-1/2" W x 2" L. Also available in a 2-1/4" H x 2-1/16" W x 4-1/2" L terminal box for larger clearance to terminals.

Ceramic Terminal Cover:
7/8" high x 3/4" O.D. for 10-24 thread.

Plugs

Armor w/Plug

Min. DIA. Full Band	Min. DIA. Half Band	Min. Width
1-1/2"	3"	1"

Plug can be attached to any lead configuration.



European Style High Temperature Plug



Dimensions-1-3/8" H x 3-7/16" L x 1-7/8" W

Euro Plug

Min. DIA. Full Band	Min. DIA. Half Band	Min. Width
4"	2"	-



Receptacle

Euro Plug

Min. DIA. Full Band	Min. DIA. Half Band	Min. Width
3-1/2"	-	1-1/8"

Dimensions-3-1/2" H x 1-5/16" L x 2-15/16" W



Additional Variations

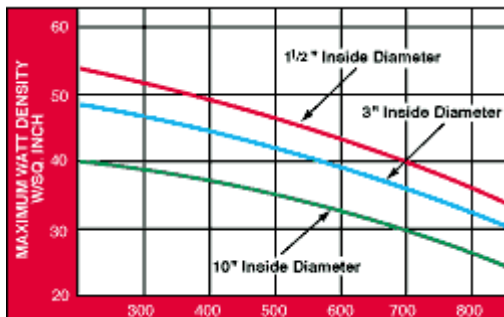
- Three terminal or lead, dual voltage, three phase or ground
- Rectangular or segment band heaters provide drawing
- Outside diameter design for internally heating cylinder
- Stainless steel or Monel sheath for use in corrosive atmosphere
- Appliance pin terminals
- Full length fiberglass sleeving
- Metric Sizes

Optional Features

1. Flexible armor (BX) installed over flexible leads.
2. Metal braid installed over flexible leads.
3. Flexible leads - asbestos and fiberglass insulated nickel or nickel clad conductor. Installed with 2" fiberglass boot.
4. Low profile band, presize for slip fit by installation of punch lock straps.
5. Terminal box.
6. Flexible armor in right angle bracket.
7. Thermocouple hole.
8. Button Terminals
9. Appliance pins.
10. Twist lock plug installed on leads.
11. Extra wide gap, specify.
12. Grounding stud.
13. Dual voltage, specify.
14. Stainless steel sheath.
15. Low profile strap. Specify this coupon only if desired on sizes where not normally supplied.
16. Post terminals

When Ordering Please Specify:

1. Quantity
2. Inside Diameter
3. Width
4. Voltage- On two piece band we suggest each piece be rated at half the operating voltage. Please specify total voltage.
5. Wattage- on two piece bands please specify total wattage.
6. Basic Construction and Options Desired
7. Serial Number- If known or previously ordered.
8. Gap- If other then factory determined minimum.
9. Lead Length- If other than standard 12 inches.



Recommended Maximum Watt Density