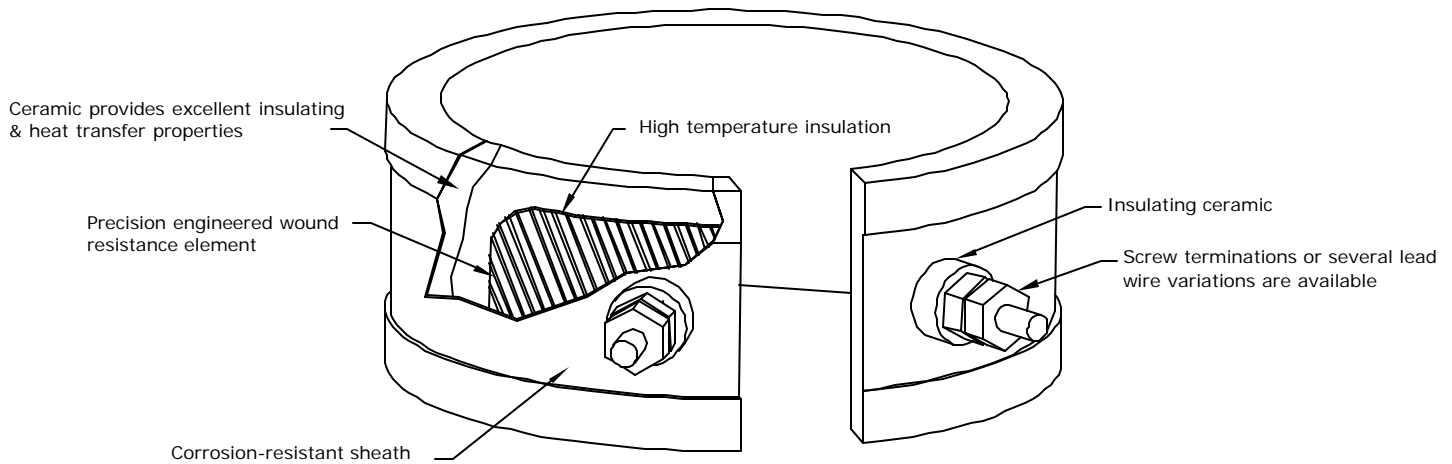


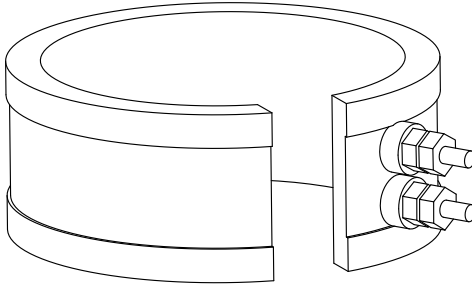
MINERAL INSULATED BAND HEATERS



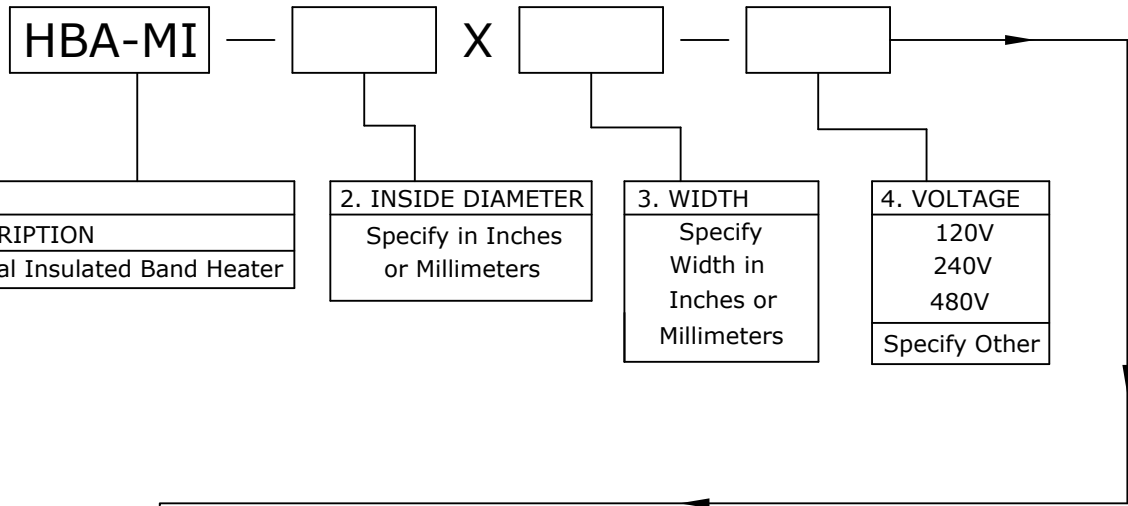
Features & Benefits

- Maximum watt densities; far in excess of any other type of band.
- Highest application temperatures available.
- Best possible clamping resulting in improved efficiency.
- Longest life available for any application and reduction of equipment downtime.
- High heat transfer rates and the resulting fast response.
- Rapid heat-up capabilities and no fear of heater failure.
- Reduced number and physical size of heaters required per application.
- Choose a Better Band when the temperature of the heater will exceed 650°F (343°C).
- Expandable or two-piece construction.

MINERAL INSULATED BAND HEATERS



EXAMPLE: HBA-MI-8.0X5.0-120-1100-84TA-D-BN



1. STYLE	
CODE	DESCRIPTION
HBA-MI	Mineral Insulated Band Heater

2. INSIDE DIAMETER
Specify in Inches or Millimeters

3. WIDTH
Specify Width in Inches or Millimeters

4. VOLTAGE
120V
240V
480V
Specify Other

5. WATTAGE
Specify

6. LEAD LENGTH
Specify Length in Inches or Millimeters

7. LEAD TYPE	
CODE	DESCRIPTION
FG	Fiberglass (482°F)
HFG	Hi-Temp Fiberglass (932°F)
FGS	Fiberglass (482°F) W/ Stainless Steel Braid
HFGS	Hi-Temp Fiberglass (932°F) W/ Stainless Steel Braid
FGA	Fiberglass W/ Armor (482°F)
HFGA	Hi-Temp Fiberglass (932°F) W/ Armor
T	Teflon (500°F)
TA	Teflon With Armor (500°F)
TB	Terminal Box

8. OPTIONS
Refer to Page I-14
(See I-19 For Sample Photos)

BAND HEATERS (OPTIONS)

TABLE 8 - MICA AND MINERAL BAND HEATER OPTIONS	
CODE	DESCRIPTION
LEADWIRE TERMINATIONS	
C	Exit either side of the gap on thickness
C1	90 Degree exit with cap and tube near gap, exiting towards opening
C2	90 Degree cap with tube near gap, tangential
C3	45 Degree exit with cap and tube near gap, exiting towards opening
C5	90 Degree exit with cap and tube opposite gap, exiting towards opening
C6	90 Degree cap with tube opposite gap, tangential
C7	45 Degree exit with cap and tube opposite gap, exiting towards opening
D	Leads exiting opposite the gap
E	Leads exit near gap
F	Leads exiting either side of the gap
I	Leads exiting opposite gap on thickness
SCREW TERMINAL TERMINATIONS	
A	Seperate on opposite sides of the gap
AV	Seperate on opposite sides of the gap with ceramic protective covers
B1	Along the width side by side
B1G	Along the width side by side with protective terminal box
B1V	Along the width side by side with ceramic protective covers
B2	Along the length side by side
B2G	Along the length side by side with protective terminal box
B2V	Along the length side by side with ceramic protective covers
PLUG TERMINATIONS	
K00	European Plug vertical with box
K3P	European Plug 3 prong with ground
K45	European Plug 45 degree with box
K90	European Plug tangential with box

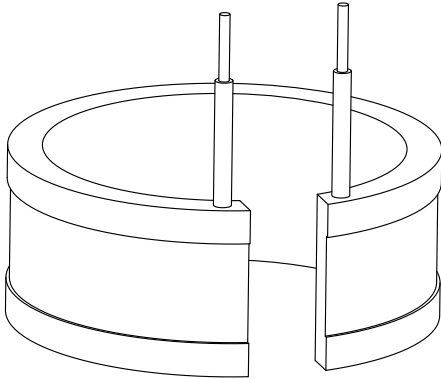
Choose 1

CLAMPING STYLES	
BN	Barrel Nuts
CP	Clamping Pads
FL	Flange Lock-Up
IS	Independant Strap
LT	Latch and Trunion
LP	Low Profile Barrel Nuts
SB	Spring Loaded Barrel Nuts
WL	Wedge Lock

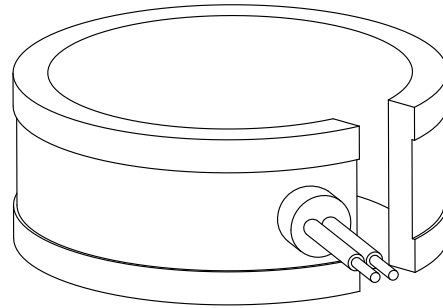
CONSTRUCTION OPTIONS	
2P	2 Piece construction (*note: wattage indicated in box 5 will be total wattage)
H	Hole (indicate inside diameter / location)
TC	Built in Thermocouple (specify calibration)

BAND HEATERS (OPTIONS)

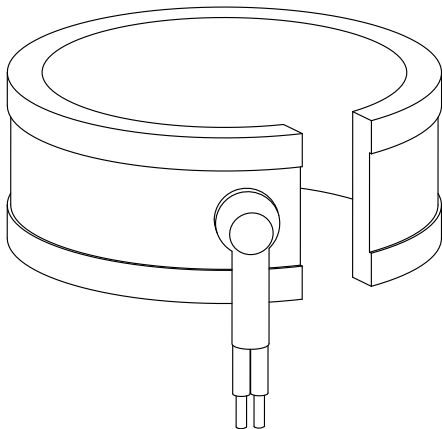
LEADS NEAR GAP
Code: C



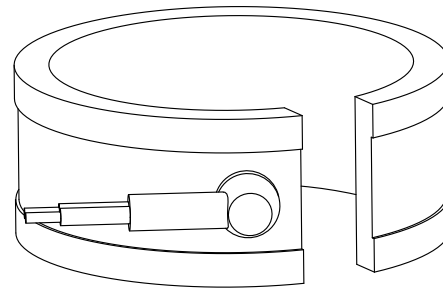
LEADS NEAR GAP (B)
Code: E



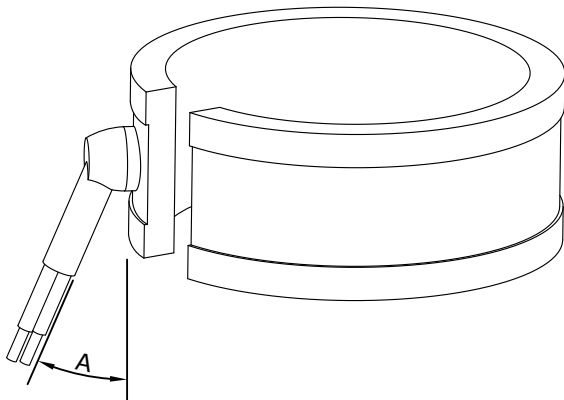
LEADS W/ CAP NEAR GAP
Code: C1



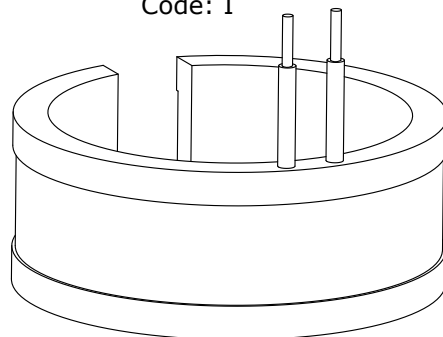
LEADS W/ 90° CAP NEAR GAP
Code: C2



LEADS W/ CAP AT ANGLE
Code: C3

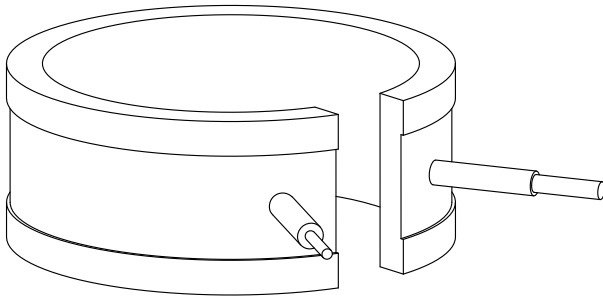


LEADS OPP. GAP
Code: I

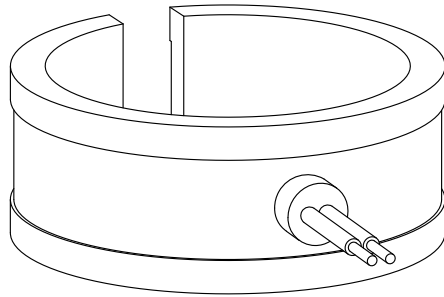


BAND HEATERS (OPTIONS)

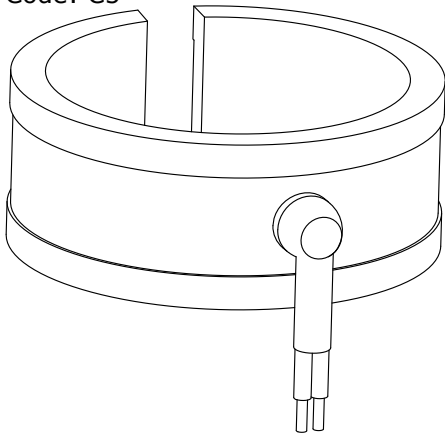
LEADS ON BOTH SIDES OF GAP
Code: F



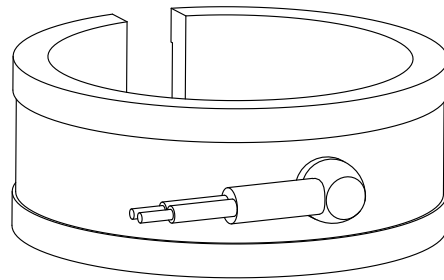
LEADS OPP. GAP
Code: D



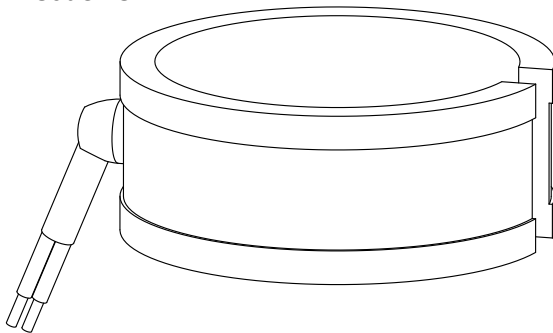
LEADS W/ CAP OPP. GAP
Code: C5



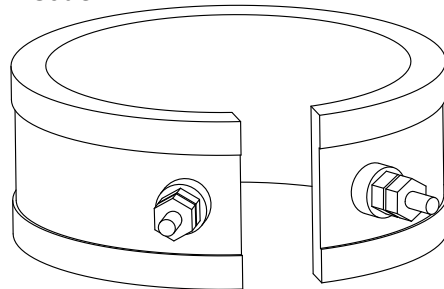
LEADS W/ 90° CAP OPP. GAP
Code: C6



LEADS W/ CAPP OPP. GAP AT ANGLE
Code: C7

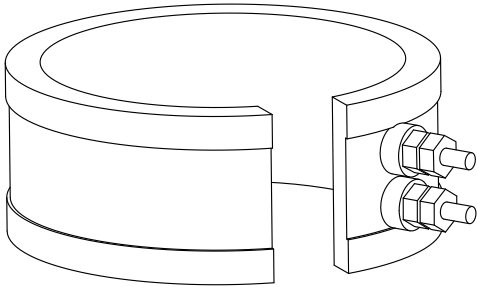


SCREW TERMINALS (A)
Code: A

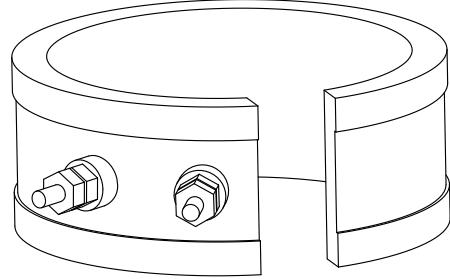


BAND HEATERS (OPTIONS)

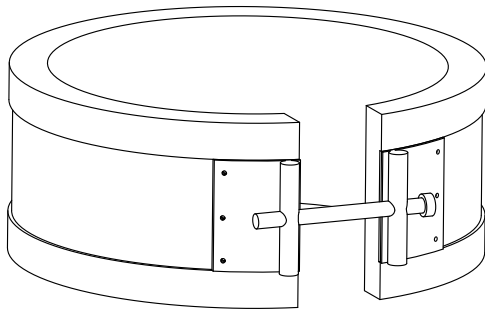
SCREW TERMINALS (C)
Code: B1



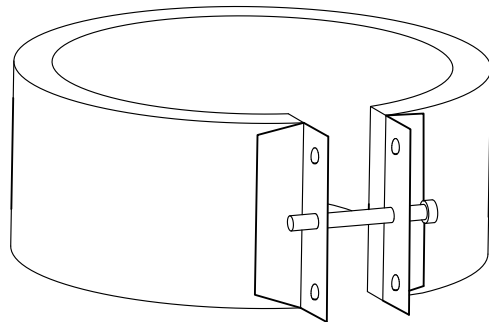
SCREW TERMINALS (B)
Code: B2



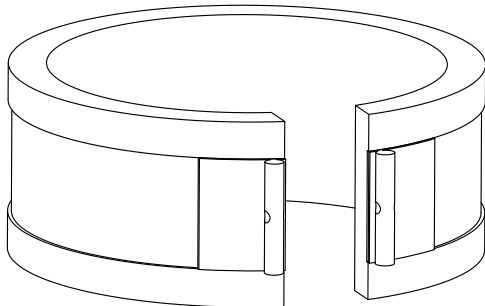
INDEPENDENT STRAP
Code: IS



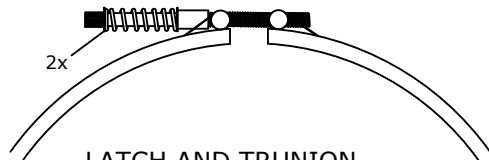
FLANGE
Code: FL



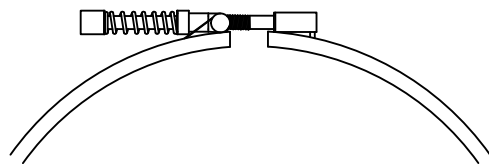
SPOT WELDED STRAPS
Code: SS



SPRING-LOADED BARREL NUTS
Code: SB



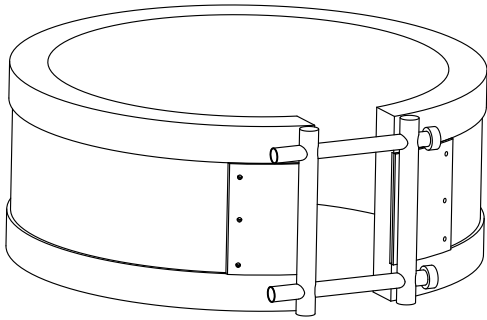
LATCH AND TRUNION
Code: LT



BAND HEATERS (OPTIONS)

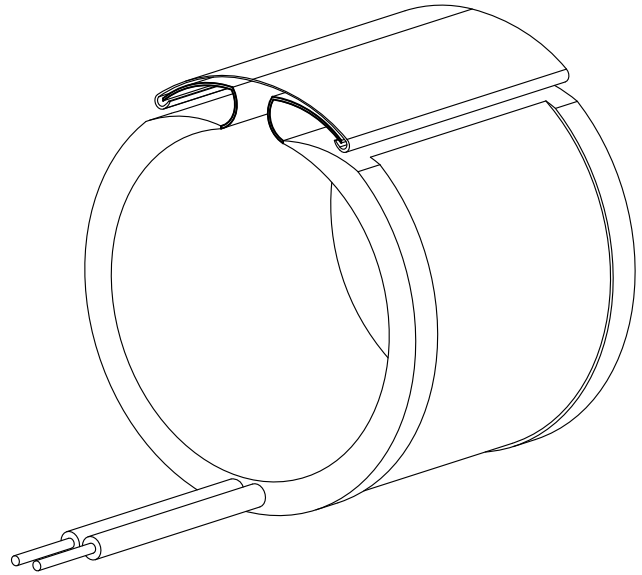
BUILT IN BARREL NUTS

Code: BN



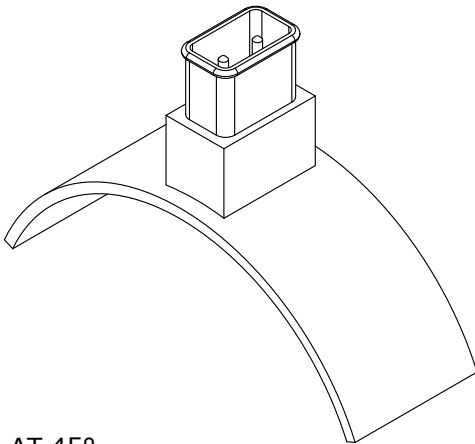
WEDGE-LOCK

Code: WL



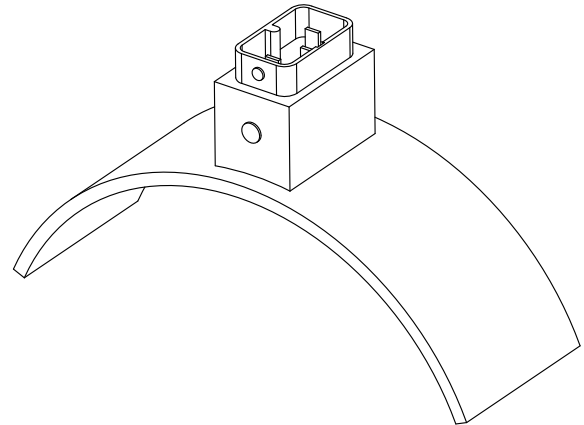
VERTICAL WITH BOX

Code: K00



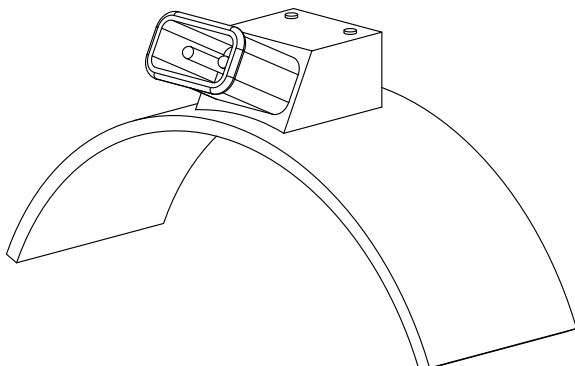
3 PRONG WITH GROUND

Code: K3P



AT 45°

Code: K45



TANGENTIAL WITH BOX

Code: K90

