

# Infinity Fluids Corporation

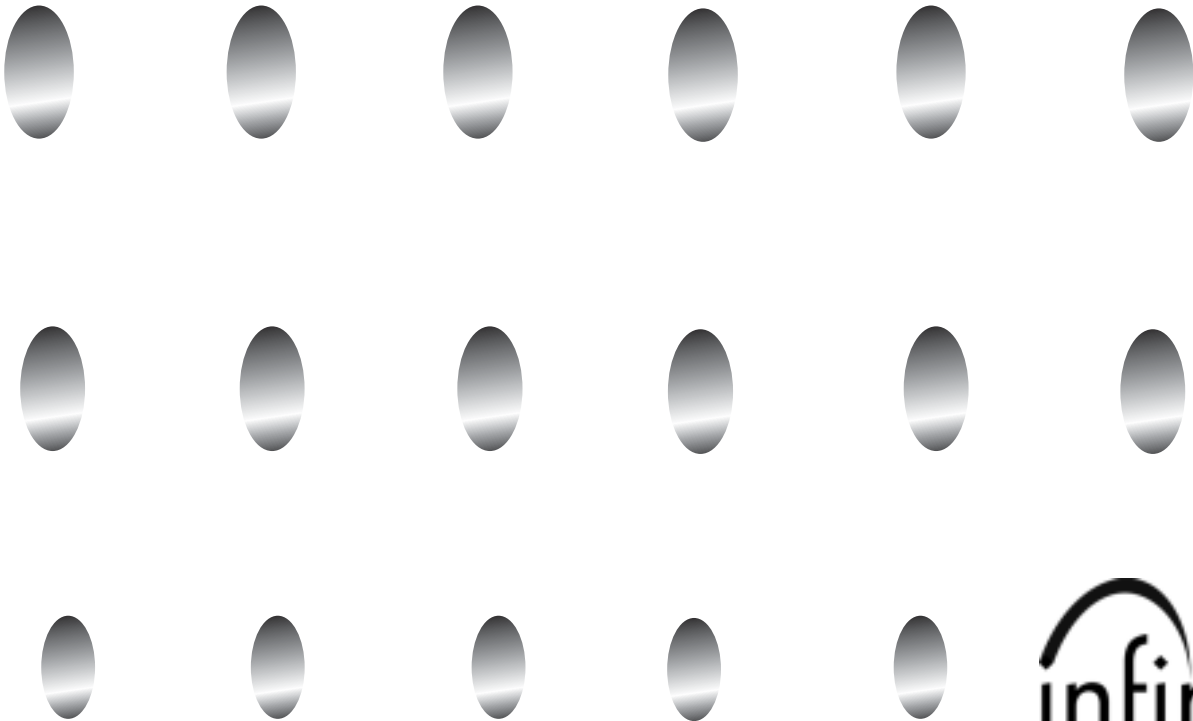
---



## MICA BAND HEATERS

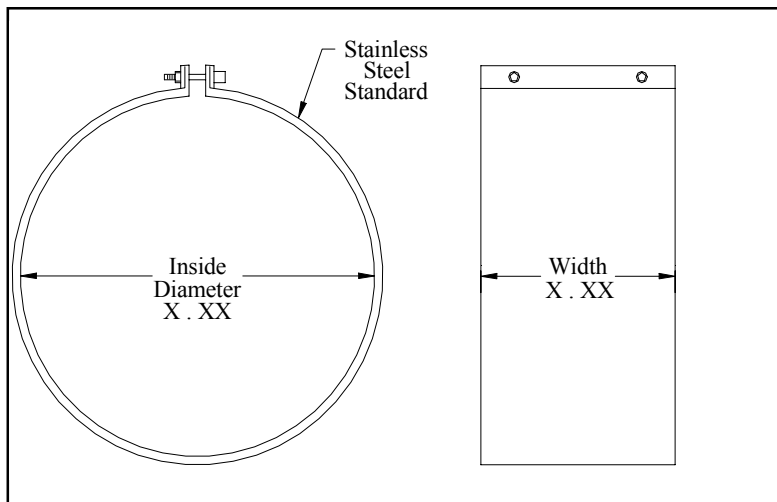
---

**Infinity Mica Insulated Heaters.  
Inexpensive, Durable and Versatile.  
Low Profile, Stainless Steel Construction.**



# Mica Heaters

## Mica Diameter & Width 1 & 2



**Infinity Mica Heaters** come standard with Stainless Steel sheaths and Flange Lockup. Maximum recommended Watt Density = 30, (less with holes or cutouts). Standard heater design allows for sheath temperatures to 900°F.

**X.XX = Inside Diameter**

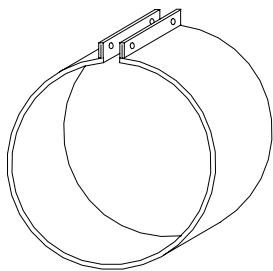
**X.XX = Width**

**(MD7.25 - 3.50 = 7-1/4" id 3-1/2" wide)**

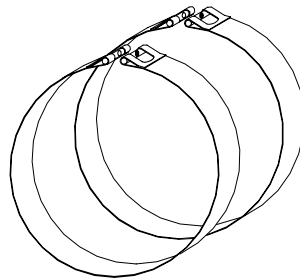
**(MD12.00 - 4.00 = 12" id 4" wide)**

Note: Standard gap sizes will be between 1/4" to 1/2" depending on heater size.

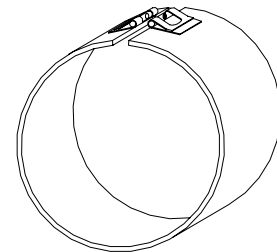
## Lock Up Types 3



**FL = Flange  
(Standard)**

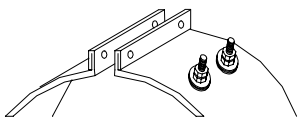


**TS = Trunion Straps  
Stainless Steel Straps w/  
Spot Welded Trunions**



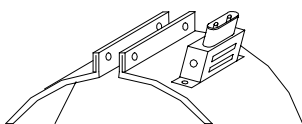
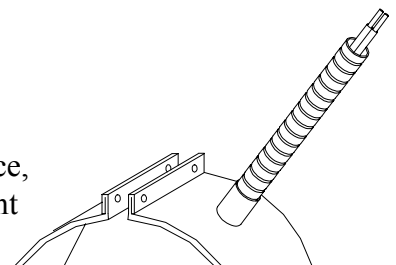
**TR = Trunion  
Spot Welded  
directly to Heater**

## Electrical Terminations 4



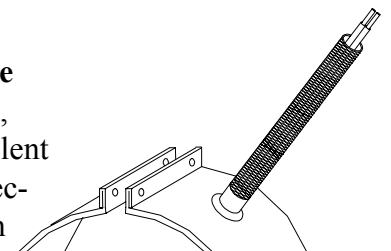
**SC = Screw Contacts**  
(Standard construction for all mica heaters, 8-32 and 10-32 threads are used according to heater diameter and width)

**FA = Flex Armor**  
(minimal water resistance, good flexibility, excellent pull/abrasion resistance recommended for lead lengths over four feet)



**EP = Euro Plug**  
(Popular accessory for Mica heaters as replacement of units located on European machinery, mating connector on next page)

**BW = Braid Wire Sleeve**  
(minimal water resistance, excellent flexibility, excellent pull/abrasion resistance recommended for lead length over four feet)





# INFINITY Heaters, Sensors and Accessories

## Band Heaters:



### Mica Bands

- 900°F
- Contamination Resistant



### Ceramic Bands

- 1400°F
- Flexible/Removable
- High Efficiencies



### Cast Aluminum/Bronze

- Alum-900°F/Bronze-1200°F
- Contamination Proof
- Water Cooled or Air Cooled
- Extremely Uniform Heat



### Tubular Band

- 1500-2200°F
- Contamination Proof
- Excellent Durability
- Formed/Straight/Band

## Cartridge and Tubular:



### Cartridge Heaters

- 1500-2200°F
- Contamination Proof
- 0.25"-0.75" Ø
- Fittings/Armor/



## Screw Plug, InLine, Circulation:



### Water/Fluid Heaters

- All Stainless Construction
- Contamination Proof
- Immersion/Circulation
- All Materials/Sizes/Fittings



## Thermocouples, RTD's and IR T/C's:



### T/C's RTD's

- Temps to 3300°F
- All Calibrations (J,K,N etc.)
- Metals/Ceramics
- Fittings/Armor/Sizes
- Hand Held IR, or Mounted



## Air Cooled Heater Assemblies:



### Air Cooled Heat Assemblies

- Cast/Ceramic/Mica
- Total Electric Heat/Cool
- Fast Product/Die Changes
- High Output Blowers

**Infinity Fluids Corporation**  
 49 Butternut Drive  
 Norwich, CT 06360  
 Phone 888-565-8137  
 Fax 508-347-3674  
 www.INFINITYFLUIDS.com

