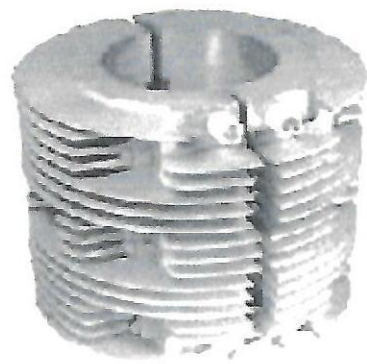


# CAST-IN HEATER



Air-cooled heaters feature a variety of cast fin patterns to circulate forced air across the body of the casting. Specific fin patterns are used to maximize this airflow for efficient process cooling of the extruder barrel. Low profile fin patterns can be used for areas with restricted space or rapid cooling requirements. In some cases, the cooling capacity of the air-cooled design can be augmented with cast-in cooling tubes to maximize the cooling function.

**Heater Type:** ☐ 1/2 Round Strap-on (set )  
☐ 1/2 Round bolt-on (set)  
☐ Full Ring (piece)

**Material:** ☐ Aluminum ☐ Bronze

**Dimensions:** ID \_\_\_\_\_ Width \_\_\_\_\_ Thickness (1 3/4 STD) \_\_\_\_\_

**Electrical:** Watts/Half \_\_\_\_\_ Volts/Half \_\_\_\_\_ Phase \_\_\_\_\_

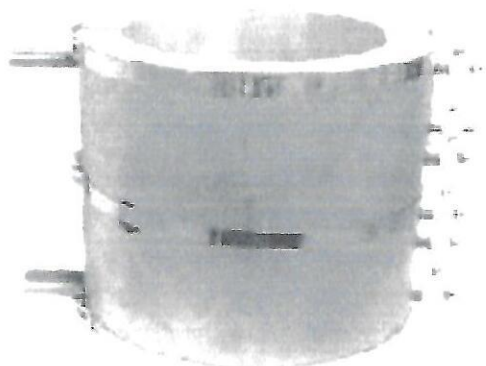
**Cooling:** ☐ Single, 3/8 OD, SS. ☐ Single, 1/2 OD, SS.  
☐ Single, 1/2 OD, Incoloy. ☐ Dual, 1/2 OD, SS.  
☐ Dual, 1/2 OD, Incoloy.

**Electrical Terminations:** ☐ Type S-Thread Stud. ☐ Type A-Right Angle Term  
☐ Type T-Ceramic Cap ☐ Type C-Armor Cable  
☐ Other \_\_\_\_\_ Length \_\_\_\_\_

**Cooling Terminations:** ☐ Type C-Plain Tube. ☐ Type C6-Cast-in 3/8 FPT  
☐ Other \_\_\_\_\_

**Special Features:** \_\_\_\_\_

# CAST-IN HEATER



This design features a cast-in heating element with an integral cooling tube for uniform process control. Cooling tube sizes of 3/8" or 1/2" diameter are available in stainless steel or Incoloy. Dual cooling tubes are also available to prevent any downtime associated with clogged cooling lines. A variety of electrical and cooling tube terminations are provided to customize the designs to your specifications (see page 8 and 9). Mounting the heaters to the extruder barrel can utilize a strap-on or bolt-on configuration.

**Heater Type:** ☐ 1/2 Round Strap-on (set )  
☐ 1/2 Round bolt-on (set)  
☐ Full Ring (piece)

**Material:** ☐ Aluminum ☐ Bronze

**Dimensions:** ID \_\_\_\_\_ Width \_\_\_\_\_ Thickness (1 3/4 STD) \_\_\_\_\_

**Electrical:** Watts/Half \_\_\_\_\_ Volts/Half \_\_\_\_\_ Phase \_\_\_\_\_

**Cooling:** ☐ Single, 3/8 OD, SS. ☐ Single, 1/2 OD, SS.  
☐ Single, 1/2 OD, Incoloy. ☐ Dual, 1/2 OD, SS.  
☐ Dual, 1/2 OD, Incoloy.

**Electrical Terminations:** ☐ Type S-Thread Stud. ☐ Type A-Right Angle Term  
☐ Type T-Ceramic Cap ☐ Type C-Armor Cable  
☐ Other \_\_\_\_\_ Length \_\_\_\_\_

**Cooling Terminations:** ☐ Type C-Plain Tube. ☐ Type C6-Cast-in 3/8 FPT  
☐ Other \_\_\_\_\_

**Special Features:** \_\_\_\_\_

(Cutouts, T/C Holes, Special Machining, Mounting Studs)