

# Coil Heater

DHE® Coil heaters offer a high electrical heating performance in a various cross- sections and sizes. It can be fitted in a tightest of space with operating temperature up to 750°C. The minimum bend radius from 5mm to max 50 mm an integrated thermocouple allows perfect temperature control. DHE® strongly recommend to use soft start Hot runner controller.

All DHE® Coil heaters are available in various Cross-Sections with different exit termination like Axial, Radial, Tangential.

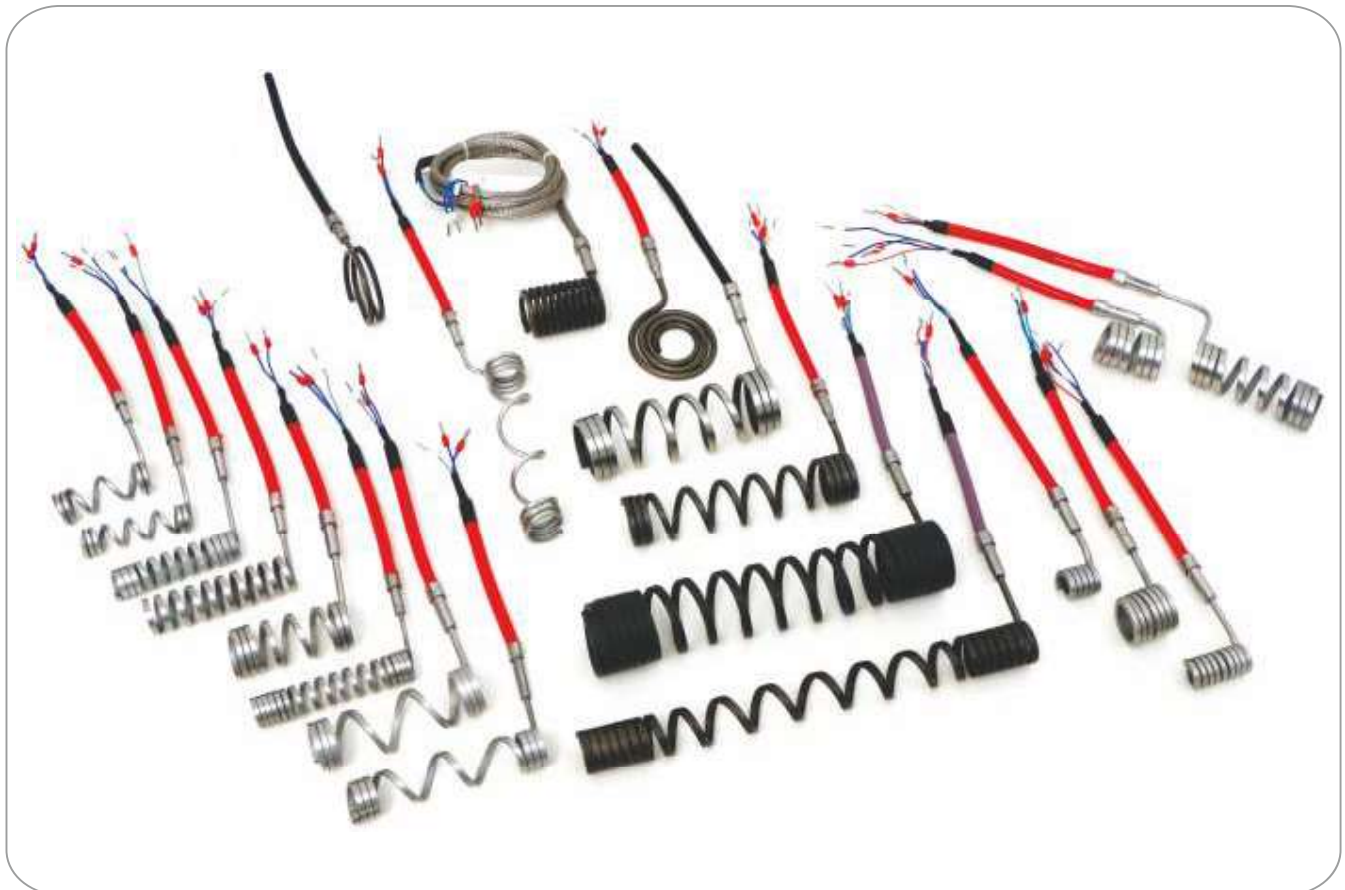
When coiling the heater diameter should be about 0.2 to 0.6 mm smaller than the required diameter of the nozzle to be heated such as an optimum press fit can be obtained.

## Technical Specification

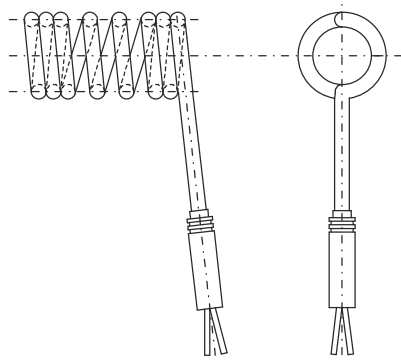
- Sheath : SS310/Nickle Alloy
- Insulation : High Purity Mgo Micro mesh
- Sheath temp. : 750°C
- Resistance Wire : Ni Cr 80/20
- Voltage : 230 + 5%
- H.V. Test : 0mA @800V
- Cold Zone : 35 + 28 mm aduptor
- Lead : Pure Nickle PTFE
- T/C - 'J' or 'K' : On request ungrounded
- Test certificate : Available on request

## Available Size

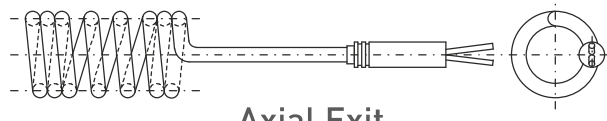
- Ø 3.2, Ø 3.8
- ▣ 3 x 3, 3.3 x 3.3
- ▣ 2.2 x 4.2 , 1.3 x 2.6,  
1.8 x 3.2, 3 x 5.5



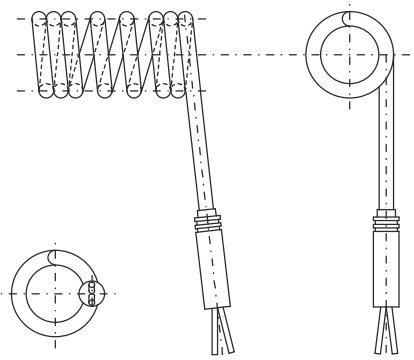
## Output Terminal Angle



Radial Exit



Axial Exit



Tangential Exit

## Ready to Ship

Watt	Heated Length	Cold Length	Volt	'J' type Thermocouple	W/CM <sup>2</sup>
250	280	35+28=63	230	yes	6.7
330	400	35+28=63	230	yes	6.2
400	510	35+28=63	230	yes	5.9
470	600	35+28=63	230	yes	5.9
500	600	35+28=63	230	yes	6.3
550	720	35+28=63	230	yes	5.7
650	840	35+28=63	230	yes	5.8
750	1020	35+28=63	230	yes	5.5
850	1150	35+28=63	230	yes	5.6
1000	1400	35+28=63	230	yes	5.4
1100	1650	35+28=63	230	yes	5.0
1200	1800	35+28=63	230	yes	5.0
1300	2000	35+28=63	230	yes	4.9
1500	2150	35+28=63	230	yes	8.2

- Connection : Standard 1000 mm PTFE insulated with fiberglass silicon sleeve
- DO NOT REBEND
- Extra cold length available
- Heater should be screwed on nozzle to the required position, do not push strength on nozzle

