

# Phoenix **Thermal** Supply

## Cartridge Mounting Fitting Options

PTSHEAT can modify your cartridge heaters design to meet your application needs for better form, fit, and function.



- Standard flange material is stainless steel.
- Flanges can be welded on the lead end of the heater.
- Flanges can be used to hold a heater in place to prevent backing out during operation.
- Flanges also assist in heater removal.
- Flanges can be round or irregularly shaped and are 1/16" thick.
- Custom round or rectangular flanges available.
- Contact PTSHEAT for standard and non-standard flange configurations at [sales@ptsheat.com](mailto:sales@ptsheat.com).

### Standard Flange Dimensions

Flange Outside Diameter	1"	1-1/2"	2"
Can be used on	1/4, 5/16, 3/8, 1/2	1/4, 5/16, 3/8, 1/2, 5/8, 3/4	1/2, 5/8, 3/4, 1
Hole Spacing	3/4	1-1/8	1-1/2
Hole Size	.14	.16	.20

### Single End NPT Fitting Specification Chart



Heater Diameter	1/4"	3/8"	1/2"	5/8"	3/4"	1"
NPT Thread Size	1/8	1/4	3/8	1/2	3/4	1
Brass "A"	.57	.70	.74	.80	.92	1.30
Brass "B"	.43	.56	.69	.87	1.06	1.44
Stainless Steel "A"	.62	.76	.77	.84	.96	1.27
Stainless Steel "B"	.46	.56	.67	.87	1.06	1.37

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## Double Ended NPT Fitting Specification Chart



Heater Diameter	1/4"	3/8"	1/2"	5/8"	3/4"	1"
NPT Thread Size	1/8	1/4	3/8	1/2	3/4	1
Brass "A"	.98	1.13	1.25	1.53	1.72	2.35
Brass "B"	.43	.56	.69	.87	1.06	1.37
Stainless Steel "A"	.98	1.13	1.25	1.53	1.72	CALL
Stainless Steel "B"	.43	.56	.68	.87	1.06	CALL

## Mechanical Stops



Mechanical Stops are ideal for preventing heaters from sliding too far into the hole. PTSHEAT offers the following mechanical stops:

- Weld Beads
- Tab Stops

Locating Rings