

# Components

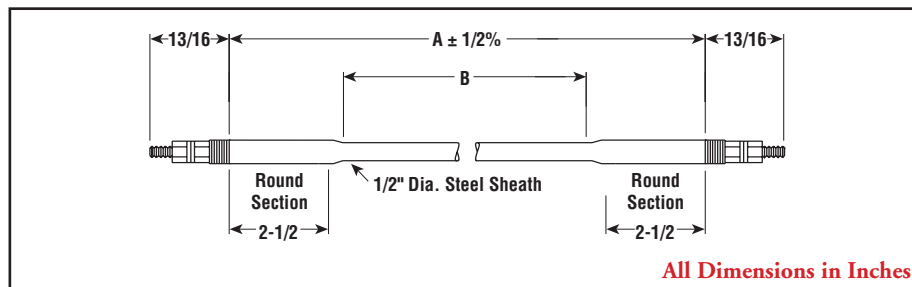
**TS** 

1/2" Dia.  
Heart Cross-Section



- Steel Sheath
- 3,700 - 5,300 Watts
- 240 and 480 Volt
- 20 W/in<sup>2</sup>
- 750°F Max. Sheath Temp.

## Dimensions



## Applications

High element surface temperature clamp-on or air heating applications or where extreme rigidity is required.

## Advantages

More uniform surface temperatures and resistance to deformation.

## Features

**Type 4 Terminals** — Integral parts of the element are of high strength to resist bending during tightening of the wiring connections. Type 4 is threaded extension of the cold pin. See terminal detail drawing in the Tubular Heater Overview section.

**Work Temperatures** — See Tubular Heater Overview section.

**Bending** — Customer's minimum inside bending radius is 2-1/2". See bending requirements in the Tubular Heater Overview section.

## Specifications and Ordering Information

Watts	Volts	W/in <sup>2</sup>	Dimensions (In.)		Steel Sheath			Wt. (Lbs.)
			Sheath A	Sheath B	Model	Stock	PCN	
3,700	240	20	112	105-1/2	TS-11245	NS	171425	3.3
3,700	480	20	112	105-1/2	TS-11245	NS	171432	3.3
3,800	240	20	124	117-1/2	TS-12445	NS	171440	3.3
3,800	480	20	124	117-1/2	TS-12445	NS	171459	3.3
3,920	240	20	130	123-1/2	TS-13045	NS	171467	3.3
3,920	480	20	130	123-1/2	TS-13045	NS	171475	3.3
4,075	240	20	136	129-1/2	TS-13645	NS	171483	4.3
4,075	480	20	136	129-1/2	TS-13645	NS	171491	4.3
4,250	240	20	142	135-1/2	TS-14245	NS	171504	4.3
4,250	480	20	142	135-1/2	TS-14245	NS	171512	4.3
4,450	240	20	148	141-1/2	TS-14845	NS	171520	4.3
4,450	480	20	148	141-1/2	TS-14845	NS	171539	4.3
4,700	240	20	156	149-1/2	TS-15645	NS	171547	4.3
4,700	480	20	156	149-1/2	TS-15645	NS	171555	4.3
5,000	240	20	164	157-1/2	TS-16445	NS	171563	4.3
5,000	480	20	164	157-1/2	TS-16445	NS	171571	4.3
5,300	240	20	172	165-1/2	TS-17245	NS	171580	4.3
5,300	480	20	172	165-1/2	TS-17245	NS	171598	4.3

**Stock Status:** S = stock NS = non-stock  
**To Order**—Specify model, PCN, watts, volts and quantity. If element is to be bent, specify "must be annealed".