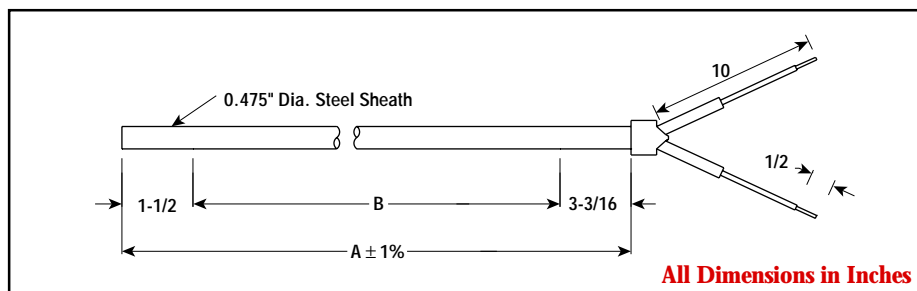


## STRS

### .475" Dia. Round Cross-Section Single-End Terminal

- Steel Sheath
- 200 - 2,725 Watts
- 120 and 240 Volt
- 3 - 20 W/In<sup>2</sup>
- 750°F Max. Sheath Temp.

#### Dimensions



#### Applications

Molds and other heat-transferring metal parts and air heating applications. Immersion heating with flange, screwplug, threaded fitting or other means of mounting.

#### Advantages

Elements with both terminals at one end, in dies, can simplify wiring in many cases. Use slim elements to concentrate heat into a confined area, taking up less space than a U-shaped element with terminals at each end.

#### Features

**Construction** — Similar to the standard Chromalox tubular design, except that both terminals of the embedded resistor wire are at one end of the element. 10" lead wires have silicone-impregnated Fiberglas® sleeves and are attached to the terminals inside a ceramic terminal bushing.

**Sealed End for Immersion Heating** on end opposite terminals is provided on all stock single-end elements. When ordering non-stock elements for use as immersion heaters, specify "sealed end".

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

**Bending** — Generally not recommended for single-end elements.

#### Specifications and Ordering Information

Watts	Volts	W/In <sup>2</sup>	Dimensions (In.)		Steel Sheath			Wt. (Lbs.)
			Sheath A	Heated B	Model	Stock	PCN	
200	120	20	11-7/8	7-3/16	STRS-1245	NS	149542	0.5
325	120	20	15-7/8	11-3/16	STRS-1645	NS	149550	0.5
325	240	20	15-7/8	11-3/16	STRS-1645	NS	149569	0.5
450	120	20	19-7/8	15-3/16	STRS-2045	NS	149577	0.5
450	240	20	19-7/8	15-3/16	STRS-2045	NS	149585	0.5
575	120	20	23-7/8	19-3/16	STRS-2445	NS	149593	0.5
575	240	20	23-7/8	19-3/16	STRS-2445	NS	149606	0.5
700	120	20	27-7/8	23-3/16	STRS-2845	NS	149614	1
700	240	20	27-7/8	23-3/16	STRS-2845	NS	149622	1
800	120	20	31-7/8	27-3/16	STRS-3245	NS	149630	1
800	240	20	31-7/8	27-3/16	STRS-3245	NS	149649	1
925	120	20	35-7/8	31-3/16	STRS-3645	NS	149657	1
925	240	20	35-7/8	31-3/16	STRS-3645	NS	149665	1
1,050	120	20	39-7/8	35-3/16	STRS-4045	NS	149673	1.3
1,050	240	20	39-7/8	35-3/16	STRS-4045	NS	149681	1.3
1,175	120	20	43-7/8	39-3/16	STRS-4445	NS	149690	1.3
1,175	240	20	43-7/8	39-3/16	STRS-4445	NS	149702	1.3
1,275	120	20	47-7/8	43-3/16	STRS-4845	NS	149710	1.3
1,275	240	20	47-7/8	43-3/16	STRS-4845	NS	149729	1.3
1,400	120	20	51-7/8	47-3/16	STRS-5245	NS	149737	1.8
1,400	240	20	51-7/8	47-3/16	STRS-5245	NS	149745	1.8
1,325	120	17	55-7/8	51-3/16	STRS-5645	NS	149753	1.8
1,525	240	20	55-7/8	51-3/16	STRS-5645	NS	149761	1.8
1,225	120	15	59-7/8	55-3/16	STRS-6045	NS	149770	1.8
1,650	240	20	59-7/8	55-3/16	STRS-6045	NS	149788	1.8
1,000	120	10	71-7/8	67-3/16	STRS-7245	NS	149796	1.8
2,000	240	20	71-7/8	67-3/16	STRS-7245	NS	149809	1.8
850	120	7	83-7/8	79-3/16	STRS-8445	NS	149817	2.3
2,350	240	20	83-7/8	79-3/16	STRS-8445	NS	149825	2.3
750	120	6	95-7/8	91-3/16	STRS-9645	NS	149833	3.3
2,725	240	20	95-7/8	91-3/16	STRS-9645	NS	149841	3.3
650	120	4	107-7/8	103-3/16	STRS-10845	NS	149850	3.3
2,600	240	17	107-7/8	103-3/16	STRS-10845	NS	149868	3.3
575	120	3	119-7/8	115-3/16	STRS-12045	NS	149876	3.3
2,300	240	13	119-7/8	115-3/16	STRS-12045	NS	149884	3.3

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