

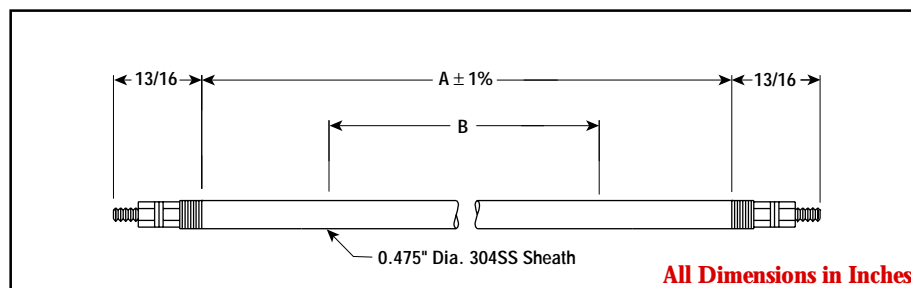
## TRSS

.475" Dia.  
Round Cross-Section



- Stainless Steel Sheath (type 304)
- 1,000 - 7,500 Watts
- 120, 208, 240, 277 and 480 Volt
- 50 W/In<sup>2</sup>
- 1200°F Max. Sheath Temp.

### Dimensions



### Applications

Versatile tubular elements can be designed for use in most applications. See guidelines in the Tubular Heater Overview section.

### Advantages

The metal sheath isolates and protects the resistor wire from the environment. At the same time it maximizes heat transfer capability to the work. Tubular elements can be bent to put the heat where it works best.

### 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 1-1/2". See bending requirements in the Tubular Heater Overview section.

### Specifications and Ordering Information

Watts	Volts	W/In <sup>2</sup>	Dimensions (In.)		304 Stainless Steel Sheath			Wt. (Lbs.)
			Sheath A	Heated B	Model	Stock	PCN	
1,000	120	50	20	13-1/8	TRSS-2045	AS	143909	0.5
1,000	208	50	20	13-1/8	TRSS-2045	AS	328090	0.5
1,000	277	50	20	13-1/8	TRSS-2045	AS	143917	0.5
1,000	277	50	20	13-1/8	TRSS-2045	NS	328102	0.5
1,250	240	50	23	16-1/8	TRSS-2345	AS	143925	0.5
1,500	120	50	28	21-1/8	TRSS-2845	AS	143933	1
1,500	208	50	28	21-1/8	TRSS-2845	AS	328110	1
1,500	240	50	28	21-1/8	TRSS-2845	AS	143941	1
1,500	480	50	28	21-1/8	TRSS-2845	AS	143950	1
2,000	120	50	40	28	TRSS-4065	AS	143968	1.3
2,000	208	50	40	28	TRSS-4065	AS	328129	1.3
2,000	240	50	40	28	TRSS-4065	AS	143976	1.3
2,000	480	50	40	28	TRSS-4065	AS	143984	1.3
2,500	208	50	43-1/2	31-1/2	TRSS-4365	AS	328137	1.3
2,500	240	50	43-1/2	31-1/2	TRSS-4365	AS	143992	1.3
2,500	480	50	43-1/2	31-1/2	TRSS-4365	AS	144004	1.3
3,000	208	50	54-1/4	42-3/8	TRSS-5465	AS	328145	1.8
3,000	240	50	54-1/4	42-3/8	TRSS-5465	AS	144012	1.8
3,000	480	50	54-1/4	42-3/8	TRSS-5465	AS	144020	1.8
4,000	208	50	70	58	TRSS-7065	AS	328153	1.8
4,000	240	50	70	58	TRSS-7065	AS	144055	1.8
4,000	480	50	70	58	TRSS-7065	AS	144063	1.8
5,000	208	50	85	73	TRSS-8565	AS	328161	2.3
5,000	240	50	85	73	TRSS-8565	AS	144071	2.3
5,000	480	50	85	73	TRSS-8565	AS	144080	2.3
6,000	208	50	100	88	TRSS-10065	AS	328170	3.3
6,000	240	50	100	88	TRSS-10065	AS	144098	3.3
6,000	480	50	100	88	TRSS-10065	AS	144100	3.3
7,500	240	50	112	100	TRSS-11265	AS	144119	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 bent, specify "must be annealed".