

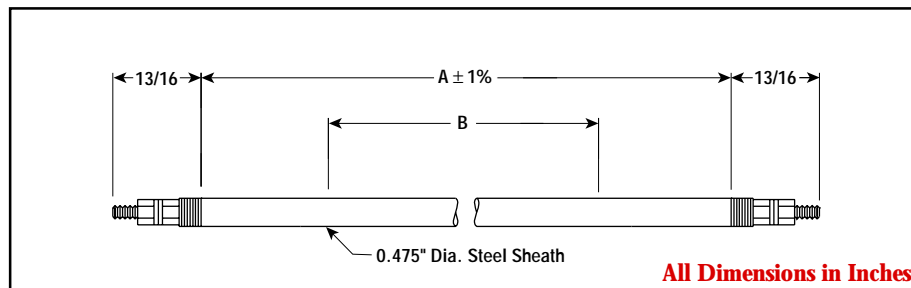
## TRS & TRSCD

.475" Dia.  
Round Cross-Section



- Steel Sheath
- 300 - 3,000 Watts
- 120, 240 and 480 Volt
- 20 W/In<sup>2</sup> (type TRS)
- 14 and 15 W/In<sup>2</sup> (type TRSCD)
- 750°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** — Standard. 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.)		Steel Sheath			Wt. (Lbs.)
			Sheath A	Heated B	Model	Stock	PCN	
<b>TRS — 20 W/In<sup>2</sup></b>								
300	120	20	16	9-1/8	TRS-1645	NS	174609	0.5
350	120	20	18	11-1/8	TRS-1845	NS	174617	0.5
425	120	20	20	13-1/8	TRS-2045	NS	174625	0.5
500	120	20	23	16-1/8	TRS-2345	NS	174633	0.5
500	240	20	23	16-1/8	TRS-2345	NS	174641	0.5
575	120	20	25	18-1/8	TRS-2545	NS	174650	0.5
575	240	20	25	18-1/8	TRS-2545	NS	174668	0.5
600	120	20	27	20-1/8	TRS-2745	NS	174676	0.5
600	240	20	27	20-1/8	TRS-2745	NS	174684	0.5
750	120	20	28	21-1/8	TRS-2845	AS	174692	1
750	208	20	28	21-1/8	TRS-2845	AS	328356	1
750	240	20	28	21-1/8	TRS-2845	AS	174705	1
775	120	20	30	23-1/8	TRS-3045	NS	174713	1
775	240	20	30	23-1/8	TRS-3045	NS	174721	1
800	120	20	32	25-1/8	TRS-3245	NS	174730	1
800	240	20	32	25-1/8	TRS-3245	NS	174748	1
850	120	20	34	27-1/8	TRS-3445	NS	174756	1
850	240	20	34	27-1/8	TRS-3445	NS	174764	1
900	120	20	36	29-1/8	TRS-3645	NS	174772	1
900	240	20	36	29-1/8	TRS-3645	NS	174780	1
950	120	20	38	31-1/8	TRS-3845	NS	174799	1
950	240	20	38	31-1/8	TRS-3845	NS	174801	1
<b>TRSCD — 15 W/In<sup>2</sup></b>								
1,000	240	15	54	42-3/8	TRSCD-5465	AS	175492	1.8
1,334	240	15	70	58-1/8	TRSCD-7065	AS	175505	1.8
1,667	240	15	85	73-1/8	TRSCD-8565	AS	175513	2.3
2,000	240	15	100	88-1/8	TRSCD-10065	AS	175521	3.3
2,000	480	15	100	88-1/8	TRSCD-10065	AS	175572	3.3
2,500	240	15	118	106-1/8	TRSCD-11865	AS	175530	3.3
3,000	240	15	140	128-1/8	TRSCD-14065	AS	175548	4.3
<b>TRSCD — 14 W/In<sup>2</sup></b>								
1,115	240	14	70	54-3/8	TRSCD-7085	NS	175441	1.8
1,390	240	14	91-3/4	76	TRSCD-9285	AS	175450	2.3

**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".