

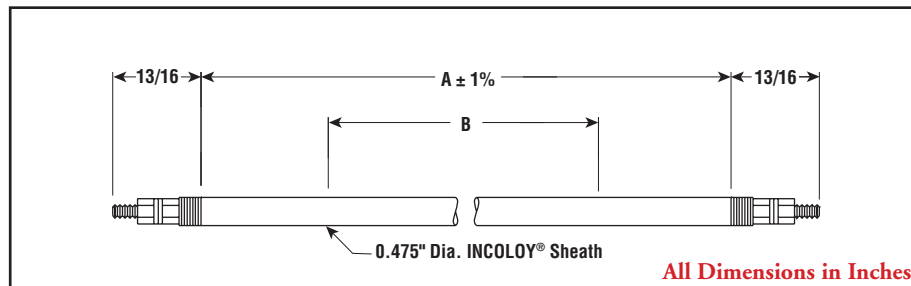
## TRID & TRIW

.475" Dia.  
Round Cross-Section



- INCOLOY® Sheath
- 1,000 - 7,500 Watts
- 120, 240 and 480 Volt
- 19 and 22 W/in<sup>2</sup> (type TRID)
- 40 W/in<sup>2</sup> (type TRIW)
- 1600°F Max. Sheath Temp.

### Dimensions



### Specifications and Ordering Information

#### 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.

Watts	Volts	W/in <sup>2</sup>	Dimensions (In.)		INCOLOY® Sheath			Wt. (Lbs.)
			Sheath A	Heated B	Model	Stock	PCN	
<b>TRID — 22 W/in<sup>2</sup></b>								
1,000	240	22	40	28-1/8	TRID-4065	NS	143722	1.3
1,000	480	22	40	28-1/8	TRID-4065	NS	143730	1.3
1,250	240	22	43-9/16	31-11/16	TRID-4365	NS	143749	1.5
1,250	480	22	43-9/16	31-11/16	TRID-4365	NS	175740	1.5
1,500	240	22	54-1/4	42-3/8	TRID-5465	NS	143757	1.8
1,500	480	22	54-1/4	42-3/8	TRID-5465	NS	143765	1.8
2,000	240	22	70	58-1/8	TRID-7065	NS	143773	1.8
2,000	480	22	70	58-1/8	TRID-7065	NS	143781	1.8
2,500	240	22	85	73-1/8	TRID-8565	NS	143790	2.3
2,500	480	22	85	73-1/8	TRID-8565	NS	143802	2.3
3,000	240	22	100	88-1/8	TRID-10065	NS	143810	3.3
3,000	480	22	100	88-1/8	TRID-10065	NS	143829	3.3
3,334	240	22	108	96-1/8	TRID-10865	NS	143837	3.3
4,167	240	22	134	122-1/8	TRID-13465	NS	143845	4.3
5,000	240	22	160	148-1/8	TRID-16065	NS	143853	6
<b>TRID — 19 W/in<sup>2</sup></b>								
1,667	240	19	70	54-3/8	TRID-7085	NS	177560	1.8
2,225	240	19	91-3/4	76	TRID-9285	NS	177578	2.3
2,778	240	19	108	92-3/8	TRID-10885	NS	177586	3.3
<b>TRIW — 40 W/in<sup>2</sup></b>								
1,000	120	40	20	13-1/8	TRIW-2045	NS	143490	0.5
1,000	240	40	20	13-1/8	TRIW-2045	NS	143503	0.5
1,250	120	40	23	16-1/8	TRIW-2345	NS	143511	0.5
1,250	240	40	23	16-1/8	TRIW-2345	NS	175759	0.5
1,500	120	40	28	21-1/8	TRIW-2845	NS	143520	1
1,500	240	40	28	21-1/8	TRIW-2845	NS	143538	1
1,500	480	40	28	21-1/8	TRIW-2845	NS	175767	1
2,000	240	40	40	28	TRIW-4065	NS	143546	1.3
2,000	480	40	40	28	TRIW-4065	NS	143554	1.3
2,500	240	40	43-1/2	31-1/2	TRIW-4365	NS	143562	1.3
2,500	480	40	43-1/2	31-1/2	TRIW-4365	NS	143570	1.3
3,000	240	40	54-1/4	42-3/8	TRIW-5465	NS	143589	1.8
3,000	480	40	54-1/4	42-3/8	TRIW-5465	NS	143597	1.8
3,500	240	40	60	48	TRIW-6065	NS	143600	1.8
4,000	240	40	70	58	TRIW-7065	NS	143618	1.8
4,000	480	40	70	58	TRIW-7065	NS	143626	1.8
5,000	240	40	85	73	TRIW-8565	NS	143634	2.3
5,000	480	40	85	73	TRIW-8565	NS	143642	2.3
6,000	240	40	100	88	TRIW-10065	NS	143650	3.3
6,000	480	40	100	88	TRIW-10065	NS	143669	3.3
7,500	240	40	112	100	TRIW-11265	NS	143677	3.3

**Stock Status:** S = stock NS = non-stock  
**To Order**—Specify model, PCN, watts, volts and quantity.