

MICRO TUBULAR COIL Heaters

Micro Tubular Coil Heaters are manufactured in Round & Rectangular section. In round section available diameters are 1 mm, 1.5mm & 1.8mm. In rectangular section available diameters 1.3 x 2.1. These heaters are swaged and compacted to these diameters and fitted into special clamps to tighten over circular parts for heating purpose.

Technical Specifications

■ Sheath Material	SS304
■ Insulation Material	High Purity MgO
■ Heating Elements	NiCr 80:20
■ Voltage Range	220V to 240V
■ Power Rating	168Wto 300W
■ Power Tolerance	±5%
■ High Voltage Strength	Min. 500V-AC
■ Insulation Resistance	≥ 5 Ω
■ Sheath Temperature of Heating Element	Max.750°C
■ Variation	Round-1 mm, 1.5mm & 1.8mm & Rectangular-1.3 x 2.1
■ Clamping	Screw Clamp & Axial Clamp
■ Unheated Length	5" & 7"



STANDARD READY STOCK HEATERS OF Ø1.8

Inner Diameter(mm)	Outer Diameter(mm)	Length L (mm)	Volt (V)	Watt (W)	Lead Length
19.1	23.5	30.5	240	268	1000mm
19.1	23.5	30.5	240	149	1000mm
22.2	26.6	30.5	240	268	1000mm

For faster heat up time we can offer similar heaters with a flat cross section of 1.3mm x 2.1 mm. The cold leads have a diameter of 1.8mm whereas the heated area has a flat cross section for better contact area and faster heat transfer. Standard sizes & both types of clamping i.e. screw & axial clamp available are mentioned below.

STANDARD READY STOCK HEATERS OF RECTANGULAR SECTION 1.3 X 2.1

Inner Diameter(mm)	Outer Diameter(mm)	Length L (mm)	Volt (V)	Watt (W)	Lead Length
19.1	23.5	30.5	240	268	1000mm
19.1	23.5	30.5	240	149	1000mm