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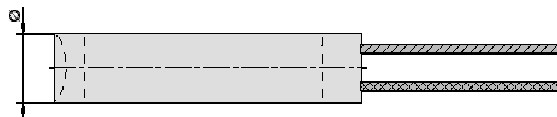
CARTRIDGE HEATERS hotrot[®] LHT

Compressed or non-compressed spiral cartridge heaters can be used everywhere where a surface load of 10 W/cm² is sufficient, based on the technical specifications. In these cases, the simple construction of the spiral cartridge heaters enables cost-effective heating and long durability.

TECHNICAL DATA

- Profile Ø [mm]: 6.5; 8.0; 10.0; 12.5; 16.0; 20.0 with connection at both ends or return via the cartridge heater sheath
- Stock Ø [mm]: 10.0; 12.5; 16.0; 20.0
- Maximum total length: 3000 mm
- Sheath material: stainless steel
- Cartridge heater sheath temperature: max. 750 °C
- Maximum sheath surface load: 10 W/cm²
- Heating conductor material: NiCr 8020
- High voltage proof (cold in extended condition) with nominal voltage ≤ 24 V: 500 V-AC with nominal voltage > 24 V: 1500 V-AC (not for return via the cartridge heater sheath)
- Insulation resistance (cold): ≥ 5 MΩ at 500 V-DC
- Maximum leakage current (cold): ≤ 0.5 mA at 253 V-AC
- Length tolerance: ± 1.5 %
- Power tolerance (cold): ± 10 %
- Diameter tolerance: ± 0.1 mm
- Maximum supply voltage: 480 V
- Connection: 250 mm glass silk insulated Ni-leads from inside

Other dimensions and product variants upon request.

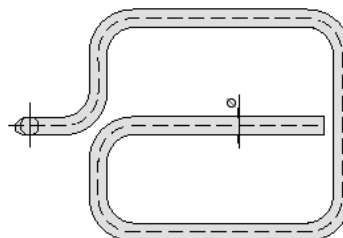


Ø	Length mm.			
	W a 230V			
10,0 mm.	100	100	125	160
	130	200	250	
	160	250	315	
	200	300	350	
	250	200		
12,5 mm.	100	160	200	
	130	220	315	
	160	315	400	
	200	400	500	
	250	500	600	
	300	600	750	
16,0 mm.	100	200	280	
	130	280	350	
	250	700		
20,0 mm.	300	700		
	100	250	350	
	300	1000	1250	

LHT BLENDABLES

TECHNICAL DATA

- Maximum total length: 3000 mm
- Sheath material: Ni tubing
- Cartridge heater sheath temperature: max. 700 °C
- Maximum sheath surface load: 10 W/cm²
- Heating conductor material: NiCr 8020
- High voltage proof (cold in extended condition) with nominal voltage > 24 V: 1500 V-AC
- Insulation resistance (cold): ≥ 5 MΩ at 500 V-DC
- Maximum leakage current (cold): ≤ 0.5 mA at 253 V-AC
- Length tolerance: ± 1.5 %
- Power tolerance (cold): ± 10 %
- Diameter tolerance: ± 0.2 mm
- Maximum supply voltage: 480 V
- Minimum bending radius: 15.0 mm (internal)



CARTRIDGE WITH INTEGRATED CUTTING BLADE

The compressed spiral cartridge heater hotrod[®] with integrated cutting blade is suitable for cutting foils and synthetic textiles.

CARACTERISTICAS TECNICAS

- Profile Ø: 5.0 mm
- Sheath material: Incoloy
- Cartridge heater sheath temperature: max. 950 °C
- Maximum sheath surface load: 15 W/cm²
- Heating conductor material: NiCr 8020
- Maximum supply voltage: 24 V, with return via sheath
- Connection options: Connection pin
- Cutting blade: wear-resistant hard metal alloy, pre-formed, unsharpened
- Minimum bending radius: 12.5 mm (internal)
- Delivery: bent or straight

Other dimensions and product variants upon request.

