

Uporaba

Visoko zmogljivi spiralni grelci so načrtovani posebej za uporabo pri brizgalnih šobah, in pri orodjih za tople dize v industriji za predelavo plastike. Uporabni so tudi za kemične laboratorije in ostale naprave v industriji. Uporabljajo jih tudi kot grelce za zrak in za ogrevanje v pakirni industriji.

Opis

Kompaktni visoko zmogljivi cevni grelci, tipa GM.70 so grelni elementi z majhnim prerezom in hermetično zaprto notranjostjo, primerni so predvsem tam, kjer je omejen prostor.

Dimenzije

- presek 2,2 x 4,2 mm (zaloga)
- 3,2x3,2mm 5,5x3,9 mm
- dolžine po standardu

Tehnične lastnosti

- Delovna temperatura do 750 °C
- Standardna napetost: 230V
- Material ohišja: CrNi-jeklo mat. 1.4541
- Izolacijski material: čisti magnezijev oksid
- Grelni prevodnik: Nickle-Chrome 80/20
- Prebojna trdnost: min 800V
- Priklop: teflonsko izolirane žice 1000 mm
- Opcija vgrajeno tipalo J (GM.72)

Use

High performance coil heaters are specially designed for the heating of injection nozzles and for manifolds with hot runner systems for the plastics industry. Further applications are for chemical laboratories and for general machinery. Other applications are for the use as an air heater or to heat sealing rollers in packaging machinery.

Description

Compacted high performance tubular cartridge heaters type GM.70 are heating elements with a seamless metal sheath and a small cross section particularly suitable for installation when space is at a premium.

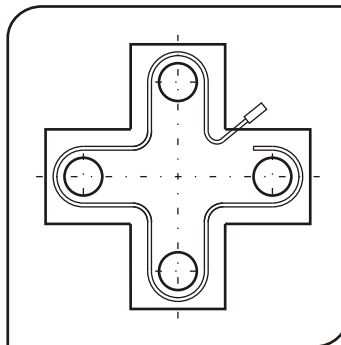
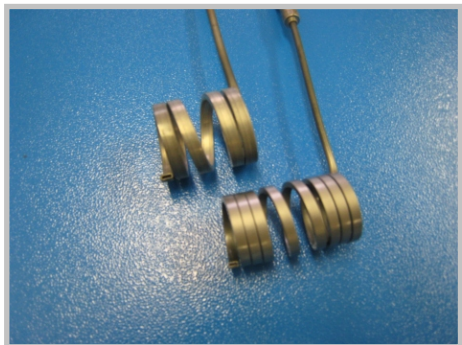
Dimensions

- flat cross-section 2,2 x 4,2 mm (stock)
- 3,2x3,2mm 5,5x3,9 mm
- widths specified in DIN

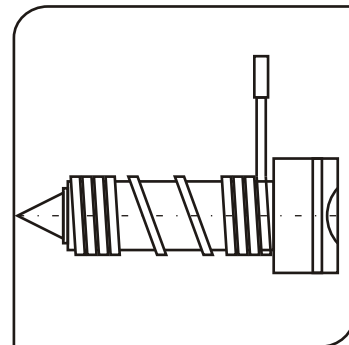
Technical Specifications

- Working temperature up to 750 °C
- Voltages 230V
- Sheath CrNi-steel , material no. 1.4541
- Insulation material Pure magnesium oxide
- Heating conductor Nickle-Chrome 80/20
- Dielectric strength: min 800V
- Connection: teflon insulated wire 1000mm
- Option integrated thermcouple J (GM.72)

Primer uporabe / Application



Ogrevanje bloka/Manifold heating



Topla šoba/Hot runner nozzle

Standardne dimenzije / Standard dimensions

GM.70 2,2 x 4,2 mm		
Moč/Power(W)	Skupna dolžina/ Total length (mm)	Grelna dolžina/ Heated length (mm)
195	340	250
215	370	280
240	425	335
295	475	385
350	550	460
400	610	520
460	690	600
610	850	760
690	990	900
850	1200	1110
950	1400	1310

Priporočene dimenzije za navite grelce / Recommended dimensions for coiled heaters

Ø notranji/ Ø inside (mm)	Navita dolžina / Coiled length (mm)							
	20	40	60	80	100	120	140	160
10,0		195	240	350	350	400	460	460
12,0		215	295	400	400	400	460	610
14,0		240	350	400	400	460	610	610
15,0		240	400	460	460	610	610	610
16,0		240	400	460	460	610	610	690
18,0		295	400	610	610	610	690	690
19,0		295	400	610	610	610	690	
20,0		295	460	610	610	690		
22,0	195	350	610	690	690	690		
24,0	195	400	610	690	690			
25,0	215	400	610	690	690			
28,0	215	460	690					
30,0	240	460	690					
32,0	240	460	690					
35,0	295	610						
38,0	295	610						
40,0	295	610						
42,0	350	610						
	Moč grelca / Power (W)							



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