

1.02.01 Fin strip elements



>> Description

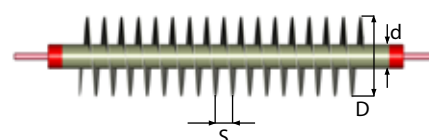
Tubular element with diam. 8.5 mm and 14 mm can be fitted with fins, stripped vertically on the element. The fins increase the radiating area and reduce the surface temperature on the element without losing heat transfer. Alternatively higher surface temperature can be used to decrease the size of the element. The heating element can be manufactured with connection at one or two ends.

>> Technical specification

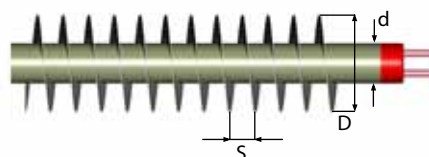
Material	Steel – Grade D Stainless steel: AISI 304/EN1.4301 AISI 316L/EN 1.4404 Incoloy 800/EN 1.4876 R 323/EN1.4828 Band material: see table beside
Dimension	Tube diam. 8.5 mm, 14 mm
Assembly	Nipples, fixing plate etc. acc. to customer spec.
Connection	M4, cables, flat pin acc. to customer spec.
Designs	One- or two-end connection
Voltage	120-440 V
Safety	The elements meet requirements acc. to EN 60335-1
Others	Can be soldered for higher performance



Two-side connection



One-side connection



Type	Band-material	Ext. diam D (mm)	Diam elem d (mm)	Pitch S (mm)	Bending-radius (mm)
280 S	SS 1160	28	8,5	6	25
280 R	AISI 304	28	8,5	6	25
340 S	SS 1160	34	14	9	30
340 R	AISI 304	34	14	9	30

Fin strip elements

>> Benefits

- Reduced surface temperature
- Increased radiation area
- Compact design of application possible

>> Fields of application

- Radiators
- Convector
- IR-radiators
- Heat curtains
- Sterilizers
- Ovens



Radiator

2010.03