

## Description

Tubular element of certain diameters can be fitted with fins, striped 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.

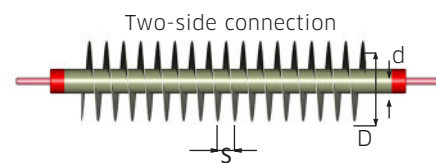
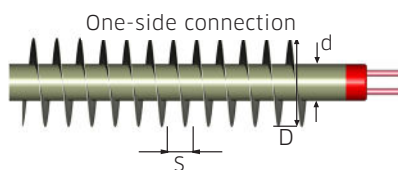


## Technical specification

Material	Steel - Grade D Stainless steel: AISI 304/EN1.4301 AISI 316L/EN 1.4404 AISI 321/EN 1.4541 Incoloy 800/EN 1.4876 R 323/EN1.4828 Band material: see table beside
Assembly	Nipples, fixing plate etc. acc. to customer spec.
Dimension	Tube diam. 6.4, 8, 8.5, 10, 12, 14, 16, 18 mm
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

Band material	Ø Ext. diam D (mm)	Ø Tube diam D (mm)	Pitch S (mm)	Bending radius (mm)
AISI 304	18	6.4 *	4	19
AISI 304	18	8 *		15
AISI 304	24	8 *		21
AISI 304	22	8.5	6	20
SS 1160	22	8.5	6	20
SS 1160	28	8.5	6	25
AISI 304	28	8.5	6	25
AISI 304	20	10 *		16.5
AISI 304	26	10 *		22.5
AISI 304	22	12 *		19
AISI 304	28	12 *		25
AISI 304	30	14 *		30
SS 1160	34	14 *	9	30
AISI 304	34	14 *	9	30
AISI 304	32	16 *		32
AISI 304	34	18 *		32

\* only available with two side connection



## Tubular Elements

### BENEFITS

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

### FIELDS OF APPLICATION

- Radiators
- Convectors
- IR-radiators
- Heat curtains
- Sterilizers
- Ovens
- Body side heaters for trains etc.



Radiator