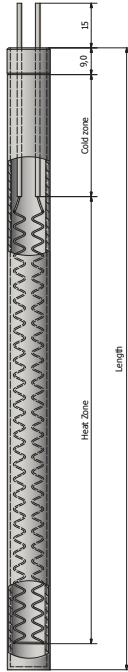
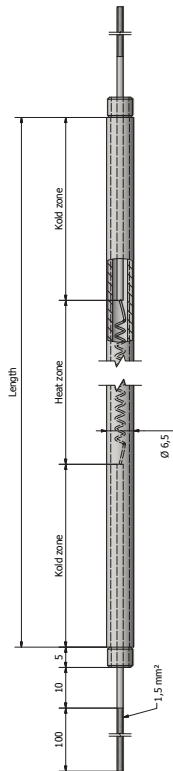


## ROUND TUBULAR HEATING ELEMENTS



Profile P Ø 14 mm



Profile D Ø 6.5 mm

The **SAN** round tubular heating elements are high-compressed heating rods delivered with single- or two-wire conductor.

The heating spiral is manufactured from Nickel-Chrome 80/20 resistance wire and the insulation material is Magnium-oxyde.

PROFILE P: Ø 14 mm  
 R: Ø 8.5 mm  
 D: Ø 6.5 mm

OHM-VALUE: The resistance value per metre resistance wire length must be

within the range of 6-500 Ohm

CONNECTION: 1.5 mm<sup>2</sup> connection leads of flexible tombac- or nickel litze, however for R threaded pins M4.

		Type D	Type R	Type P
Tube profile	±0,5	Ø6.5 mm	Ø8.5 mm	Ø14 mm
Circumferenc		20.4 mm	26.7 mm	44 mm
Length max.	± 2%	4000 mm	5300 mm	2000 mm
<u>Sheath material:</u>				
Stainless steel	"V"	1.4571	1.4571	1.4571
Acid proof steel	"C"	1.4435	1.4435	
Copper	"K"		copper	
Brass	"M"	Ms 63		
Weight kg/m		approx. 0.17	approx. 0.26	approx. 0.75

The **SAN** round tubular heating elements are also delivered bended as to specification, with brazed mounting bushes, with connection boxes or other for mounting in any electrical heating aggregate.

Profile P (14 mm Ø) is delivered as to specification, not stocked.

**Standard types** stocked in straight lengths.

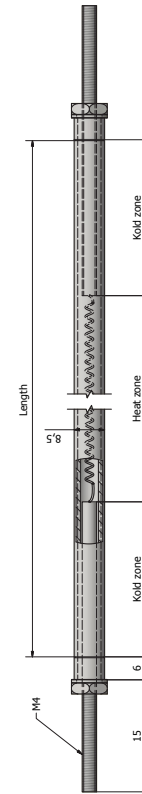
### Type DV, stainless steel, Werkstoff no. 1.4571

Length mm	Power W	Voltage V	W/cm2	W/cm	Part no.
600	500	230	5	10	24426
850	250	230	1.7	3.5	24432
850	750	230	5	10	24427
850	750	400	5	10	24432
1100	335	230	1.7	3.5	24433
1100	1000	230	5	10	24428
1100	1000	400	5	10	24433
1300	400	230	1.7	3.5	24435
1300	1200	230	5	10	24429
1300	1200	400	5	10	24435
1600	500	230	1.7	3.5	24436
1600	1500	230	5	10	24430
1600	1500	400	5	10	24436
2100	335	230	0.8	1.6	24434
2100	670	230	1.7	3.5	24437
2100	1000	230	2.5	5	24438
2100	1000	400	2.5	5	24434
2100	2000	230	5	10	24431
2100	2000	400	5	10	24437

### Type RC, acid proof steel, Werkstoff no. 1.4435

Length mm	Power W	Voltage V	W/cm <sup>2</sup>	W/cm	Part no.
300	500	230	10	27	21407
500	335	230	3.3	9	21410
500	1000	230	10	27	21409
500	1000	400	10	27	21410
650	500	230	3.3	9	21413
650	1500	230	10	27	21412
650	1500	400	10	27	21413
850	650	230	3.3	9	21416
850	2000	230	10	27	21415
850	2000	400	10	27	21416
895	1000	230	5	12	21432
895	2000	230	10	24	21433
1200	1000	230	3.3	9	21423
1200	3000	230	10	27	21429
1200	3000	400	10	27	21423
1600	1335	230	3.3	9	21424
1600	4000	400	10	27	21424
2000	2000	230	4	11	21220
2000	5000	400	10	27	21221
2000	6000	400	12	32	21222

### ROUND TUBULAR HEATING ELEMENTS

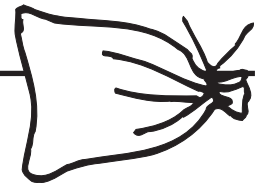


Profile R  $\varnothing$  8.5 mm

### Type RK, copper Werkstoff no. 2.0090

Length mm	Power W	Voltage V	W/cm <sup>2</sup>	W/cm	Part no.
350	500	230	8	21	21227
550	650	230	5.5	15	21226
550	1000	230	8	21	21251
800	1000	230	5.5	15	21233
800	1500	230	8	21	21252
1000	2000	230	8	21	21253
1320	2000	230	5.5	15	21238
1320	2500	230	8	21	21262
1500	3000	230	8	21	21215
2000	3000	230	5.5	15	21216
2000	4000	400	8	21	21218
2000	5000	400	10	27	21219

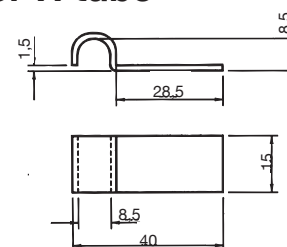
### SEALING SET PROFILE D and R



Content (for 5 heating elements)	Profile	Part no.
10 ceramics, nuts, discs, spring washers, collar discs and nuts. 1 tube of air hardening silicone rubber and 1 injection tool.	D	68891
	R	68890

FITTINGS, stainless steel	R	60407
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### Fitting for R tube



May 2016  
01134 ENG