

ANNEALED STRAIGHT SQUARE TUBES, MODELS TC

Straight annealed square tube elements are the ideal solution for those applications in which uniform distribution of heat over the mould to be heated is required. The high degree of flexibility achieved thanks to the thermic treatment to which the stainless steel tube is subjected in a controlled atmosphere oven at temperatures of 1150°C, allows the element to be curved directly over the metal mould, achieving the shape that is required.

General characteristics

- Shielded tubular elements in annealed AISI321 stainless steel of 6.1x6.1 mm or 7.6x7.6 mm square section.
- Resistive wire of Ni-Cr alloy quality 80-20
- Heating element insulated with electro-smelted magnesium-oxide and compressed by lamination.
- High thermic performance due to the flat contacts sides.
- Plain terminal of Ø2.5 mm for section 6.1x6.1 mm models or Ø3 mm for section 7.6x7.6 mm models
- Standard voltage: ~230 V
- To order, heating elements can be made to measure according to your specifications:
 - Other dimensions, powers and voltages
 - Possibility of manufacturing in square section of 9.4x9.4 mm up to lengths of 3600 mm.

Usual applications

- Heating by external contact of tanks.
- Maintenance of solids in liquid state: fats, wax, honey, etc.
- Drying of solids: rubber, grain, sand, etc.
- Machinery for the conversion of plastics, bakelites, epoxies, polyesters and rubber.
- Hot chambers
- Hot moulds
- Heating of metallic masses
- Footwear machinery
- Packaging machinery
- Marking machinery



6'1x6'1 mm SQUARE TUBE, MODELS TC6,1

Code	Dimensions in mm			Watts	W/cm ²	Santi Escoin's constructive thermic class	Weight in Kg
	L	ZA	ZI				
TC6,1X350-550	350	290	30	550	7,9	T-750-T	0,05
TC6,1X400-650	400	340	30	650	8	T-750-T	0,06
TC6,1X450-750	450	390	30	750	8	T-750-T	0,07
TC6,1X500-800	500	440	30	800	7,6	T-750-T	0,08
TC6,1X550-900	550	490	30	900	7,6	T-750-T	0,09
TC6,1X600-1000	600	540	30	1000	7,7	T-750-T	0,10
TC6,1X650-1100	650	590	30	1100	7,7	T-750-T	0,11
TC6,1X700-1200	700	640	30	1200	7,8	T-750-T	0,12
TC6,1X750-1300	750	690	30	1300	7,8	T-750-T	0,13
TC6,1X800-1350	800	740	30	1350	7,5	T-750-T	0,14
TC6,1X850-1450	850	790	30	1450	7,6	T-750-T	0,15
TC6,1X900-1650	900	840	30	1650	8,1	T-750-T	0,16
TC6,1X900-2000	900	840	30	2000	9,8	T-750-T	0,16
TC6,1X950-1650	950	890	30	1650	7,6	T-750-T	0,17
TC6,1X1000-1750	1000	940	30	1750	7,7	T-750-T	0,18
TC6,1X1050-1850	1050	990	30	1850	7,7	T-750-T	0,19
TC6,1X1100-1950	1100	1040	30	1950	7,7	T-750-T	0,20
TC6,1X1150-2050	1150	1090	30	2050	7,7	T-750-T	0,21
TC6,1X1200-2100	1200	1140	30	2100	7,6	T-750-T	0,22
TC6,1X1250-2200	1250	1190	30	2200	7,6	T-750-T	0,23
TC6,1X1300-2300	1300	1240	30	2300	7,6	T-750-T	0,24
TC6,1X1350-2400	1350	1290	30	2400	7,7	T-750-T	0,25
TC6,1X1400-2500	1400	1340	30	2500	7,7	T-750-T	0,26
TC6,1X1450-2600	1450	1390	30	2600	7,7	T-750-T	0,27
TC6,1X1500-2700	1500	1440	30	2700	7,7	T-750-T	0,28
TC6,1X1550-2800	1550	1490	30	2800	7,7	T-750-T	0,29

7'6x7'6 mm SQUARE TUBE, MODELS TC7,6

Code	Dimensions in mm			Watts	W/cm ²	Santi Escoin's constructive thermic class	Weight in Kg
	L	ZA	ZI				
TC7,6X400-950	400	340	30	950	9,2	T-750-C	0,10
TC7,6X450-1050	450	390	30	1050	8,9	T-750-C	0,11
TC7,6X500-1200	500	440	30	1200	9	T-750-C	0,12
TC7,6X550-1350	550	490	30	1350	9,1	T-750-C	0,14
TC7,6X600-1450	600	540	30	1450	8,9	T-750-C	0,15
TC7,6X650-1600	650	590	30	1600	8,9	T-750-C	0,16
TC7,6X700-1750	700	640	30	1750	9	T-750-C	0,17
TC7,6X750-1900	750	690	30	1900	9,1	T-750-C	0,19
TC7,6X800-2000	800	740	30	2000	8,9	T-750-C	0,20
TC7,6X850-2150	850	790	30	2150	9	T-750-C	0,21
TC7,6X900-2300	900	840	30	2300	9	T-750-C	0,22
TC7,6X950-2450	950	890	30	2450	9,1	T-750-C	0,24
TC7,6X1000-2550	1000	940	30	2550	8,9	T-750-C	0,25
TC7,6X1050-2700	1050	990	30	2700	9	T-750-C	0,26
TC7,6X1100-2850	1100	1040	30	2850	9	T-750-C	0,27
TC7,6X1200-3100	1200	1140	30	3100	9	T-750-C	0,30
TC7,6X1300-3400	1300	1240	30	3400	9	T-750-C	0,32
TC7,6X1400-3650	1400	1340	30	3650	9	T-750-C	0,35
TC7,6X1500-3900	1500	1440	30	3900	8,9	T-750-C	0,37
TC7,6X1600-4200	1600	1540	30	4200	9	T-750-C	0,40
TC7,6X1700-4500	1700	1640	30	4500	9	T-750-C	0,42
TC7,6X1800-4800	1800	1740	30	4800	9,1	T-750-C	0,45
TC7,6X1900-5000	1900	1840	30	5000	8,9	T-750-C	0,47
TC7,6X2000-5300	2000	1940	30	5300	9	T-750-C	0,50

