

“TH” HIGH PERFORMANCE ANNEALED STRAIGHT TUBES FOR FORMATION OF NOZZLE CLAMPS, MODELS ATB



General characteristics

ATBR heating elements are compressed ones, of high calorific density, lineal and of reduced section. These elements are available straight

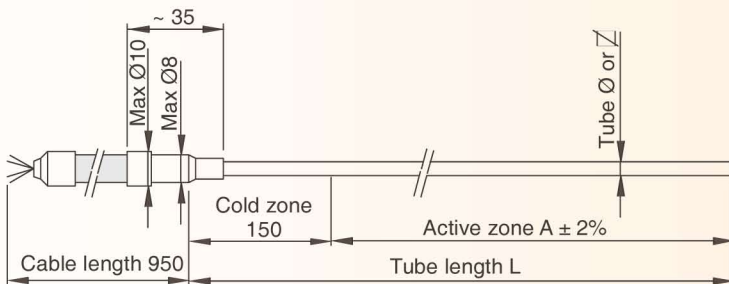
- These include Fe-Co thermocouple the measuring point of which is insulated from the mass and situated about 5 mm from the end of the element.
- Maximum temperatures: 750 °C at the sheath.
200 °C at the connections.
- Connections: Nickel wires of 0.75 mm . PTFE insulation, covered with fiber glass sheath
- Thermocouple connection: Cable compensation indicated by color:(-), blue; (+), red. PTFE insulation
- Protection for connections:
MODELS ATBR / ATBRC → Covered with metallic mesh
MODELS ATBRR → Covered with fiber glass sheath
- Standard voltage: ~230 V
- If you require, we can supply these elements curved in a spiral shape or other shapes according to your specifications. When requesting the bending operation, state this code and specify the inside Ø, dimension A, and the drawing number, if any.

Usual applications

Their capacity of being formed cold, mechanically or manually, allows heating of highly diverse pieces, being especially used in heating of injection nozzles in the plastic industry.

Other applications: mechanical industry, packaging industry (sealing, soldering). Railways (protection against freezing in carriage couplings).

ANNEALED STRAIGHT TUBES FOR FORMATION OF NOZZLE CLAMPS, MODELS ATBR , ATBRC and ATBRR



MODELS ATBR

○ Ø4 mm

MODELS ATBRC

□ 3 x 3 mm

MODELS ATBRR

□ 2,2 x 4,3 mm

ROUND TUBE Ø4 mm, MODELS ATBR

Code	Dimensions in mm		Watts	Weight in Kg
	Length L	Active zone A		
ATBR200250	400	250	200	0,08
ATBR315400	550	400	315	0,09
ATBR400600	750	600	400	0,09
ATBR500800	950	800	500	0,10
ATBR6301000	1150	1000	630	0,10
ATBR7501200	1350	1200	750	0,10
ATBR10001500	1650	1500	1000	0,11

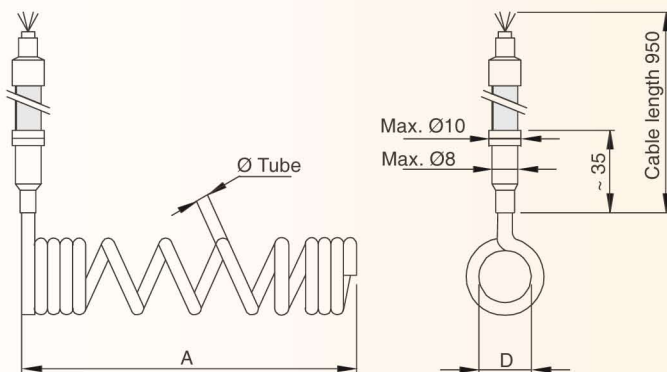
SQUARE TUBE 3x3 mm, MODELS ATBRC

Code	Dimensions in mm		Watts	Weight in Kg
	Length L	Active zone A		
ATBRC180300	400	300	180	0,10
ATBRC250450	550	450	250	0,11
ATBRC400700	800	700	400	0,12

RECTANGULAR TUBE 2,2x4,3 mm, MODELS ATBRR

Code	Dimensions in mm		Watts	Weight in Kg
	Length L	Active zone A		
ATBRR400700	800	700	400	0,12
ATBRR6301000	1100	1000	630	0,12
ATBRR7501200	1300	1200	750	0,13

HIGH PERFORMANCE NOZZLE LOOP CLAMPS, MODELS ATB



MODELS ATB

○ Ø4 mm

Code	Dimensions in mm			Watts	Weight in Kg
	A	D	Ø Tubo		
ATB12,5x70	70	12,5	4	315	0,10
ATB12,5x103	103	12,5	4	400	0,12
ATB12,5x110	110	12,5	4	400	0,13
ATB12,5x130	130	12,5	4	400	0,13
ATB12,8x150	150	12,8	4	400	0,13
ATB22x110	110	22	4	500	0,15
ATB22x160	160	22	4	1000	0,18