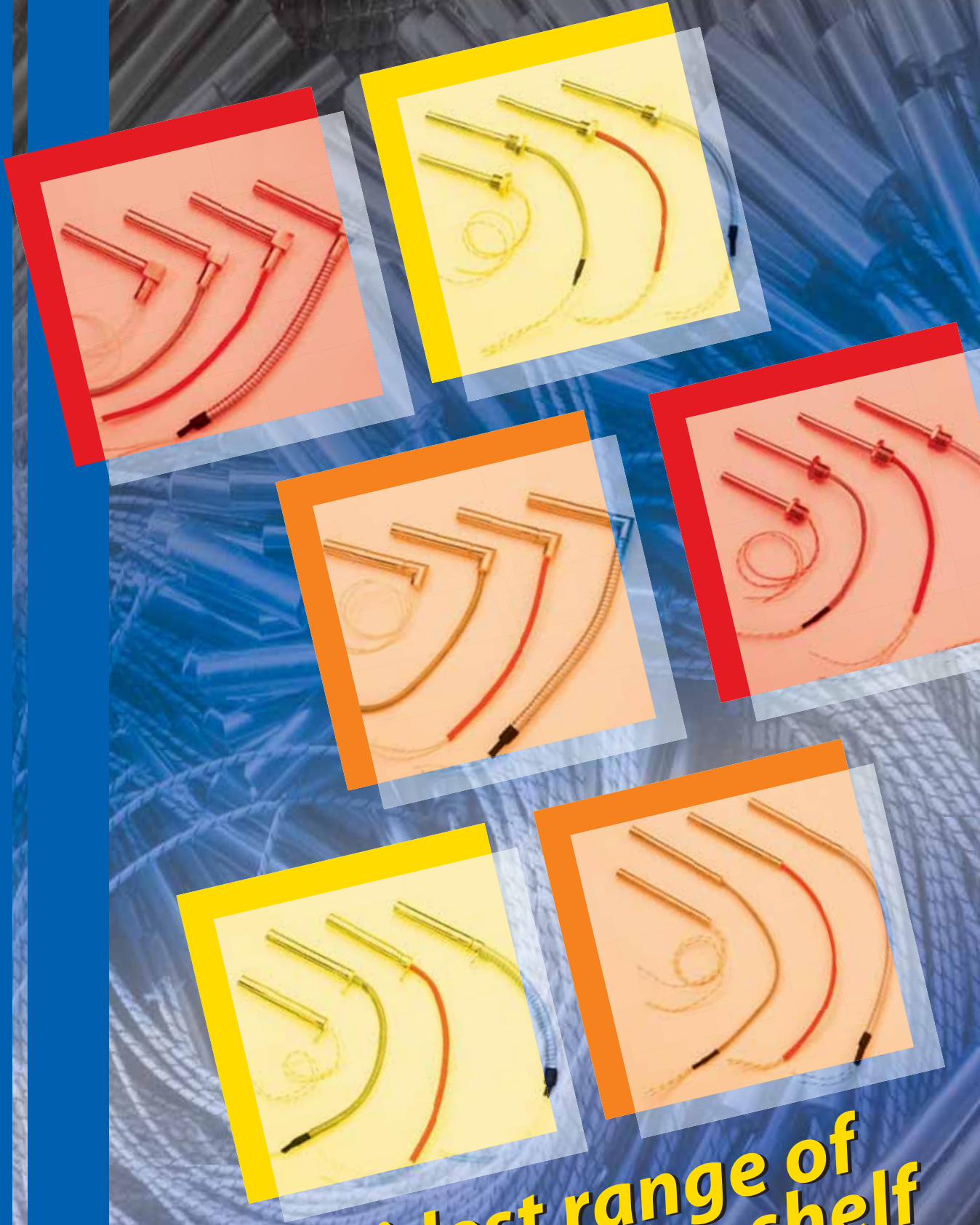




SPA

the heatmaster



**The widest range of
off-the-shelf
cartridge heaters**



AFS PLUS

AFS PLUS is the complete line of HT's heaters Always Ready From Stock. In HT's AFS PLUS LINE you can find standard or thermocouple-fitted heaters suitable for a great number of industrial applications both for replacements in existing machines and for new plants.

All AFS PLUS products are manufactured in the high-temperature version and vary considerably in forms, fixing means, types of sleeves, construction, and dimensions – which can be both metric and imperial.

GENERAL TECHNICAL FEATURES

AFS PLUS: CARTRIDGE HEATERS WITH AND WITHOUT TYPE "J" THERMOCOUPLE

AVAILABLE DIAMETERS	mm	6,50	8,00	10,00	12,50	16,00	20,00
	inches	1/4"	3/8"	1/2"	5/8"		

AVAILABLE LENGTHS	mm	Min. 40 ÷ max 400
	inches	Min. 1" ÷ max 12"

STANDARD LEADS LENGTH	mm	1000 +/- 10
	inches	39,37" +/- 0,39"

RANGE OF LOADINGS: W100 ÷ W2500 - **VOLTAGE** V230 - **TOLERANCE ON DIA.:** -0.02 -0.07
TOLERANCE ON LENGTH: +1% -3%

ALL THE ITEMS IN THE AFS PLUS RANGE CAN BE SHIPPED WITHIN 10 WORKING DAYS FROM ORDER RECEIPT.



AFS PLUS LINE

The AFS PLUS heaters are available in six different tube models:

- **HT:** basic straight version



- **HD:** straight version complete with threaded end – for external mounting



- **HE:** straight version complete with threaded end – for internal mounting



- **HF:** straight version complete with fixing flange



- **HH:** right-angled version



- **HL:** right-angled version with block



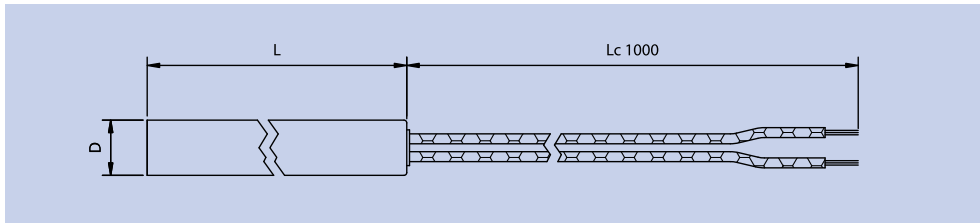
Each version can be fitted with four different types of lead protection, making them suitable also for high working temperatures and/or stressful working conditions.



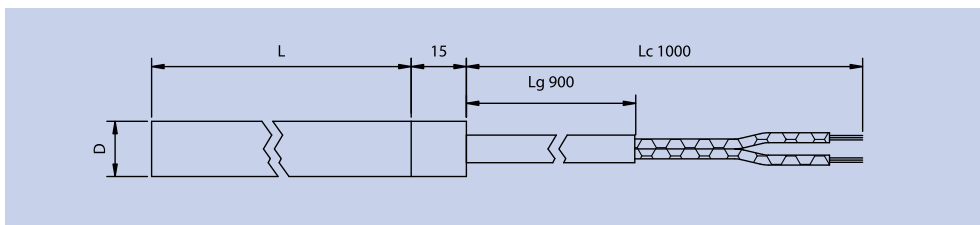
AFS PLUS LINE HT SERIES

AFS PLUS series HT: basic straight heaters

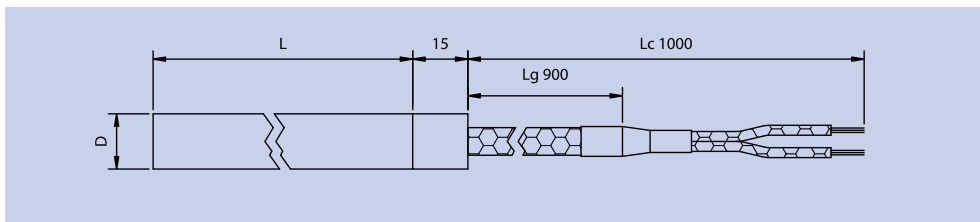
- **HT9:** standard version (unprotected leads)



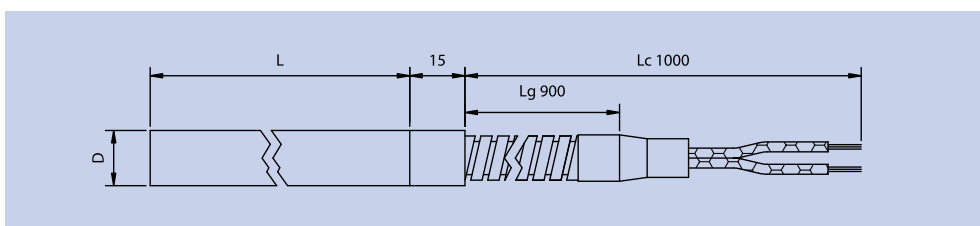
- **HTB:** leads protected with a fibreglass sleeve



- **HTC:** leads protected with a metal braid



- **HTD:** leads protected with a flexible metal conduit



To select dimensions D and L please see tables 1-2-3-4 on the following pages.

BASIC STRAIGHT HEATERS WITH BUILT-IN THERMOCOUPLE -AFS PLUS YT- are available in the same versions of AFS PLUS/HT, but with a limited range of dimensions.



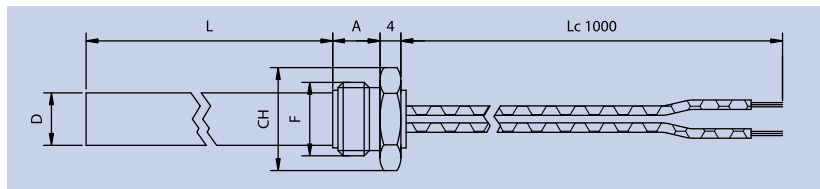
AFS PLUS LINE HD SERIES

AFS PLUS HD series: straight heaters complete with threaded bush for external mounting. These heaters are fitted with a threaded end whose dimensions depend on the tube's diameter.

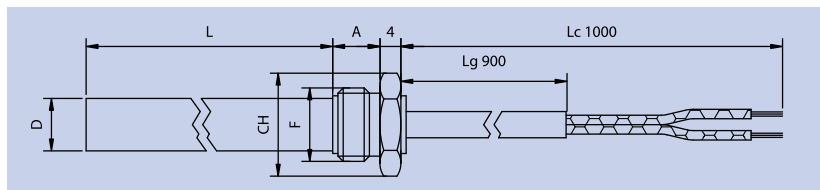
table of bush dimensions:

D	F	CH (mm)	A (mm)
1/4"	G1/8"	12	8
6.5	M10x1	12	8
8	M12x1	14	8
3/8"	G1/4"	17	8
10	M14x1.5	17	8
12.5	M16x1.5	19	8
1/2"	G3/8"	19	8
5/8"	G1/2"	24	10
16	M20x1.5	24	10
20	M26x1.5	27	10

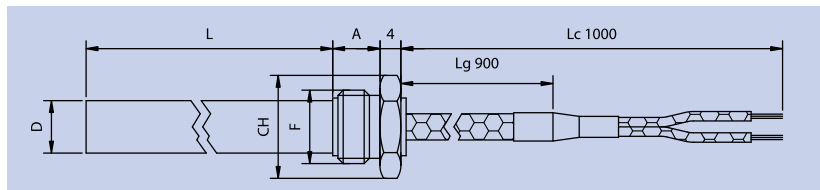
• **HD9:** standard version (unprotected leads)



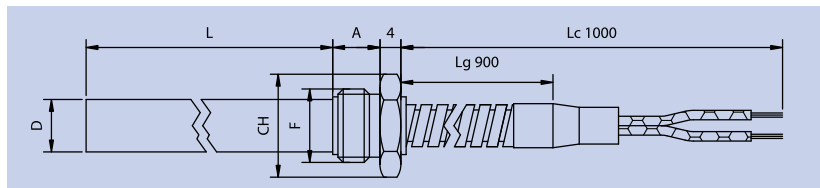
• **HDB:** leads protected with a fibreglass sleeve



• **HDC:** leads protected with a metal braid



• **HDD:** leads protected with flexible metal conduit



To select dimensions D and L please see tables 1-2-3-4 on the following pages.

STRAIGHT HEATERS WITH EXTERNAL BUSH AND BUILT-IN THERMOCOUPLE -AFS PLUS YD- are available in the same versions of AFS PLUS/HD, but with a limited range of dimensions.



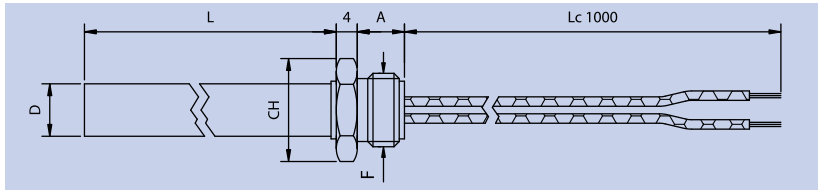
AFS PLUS LINE HE SERIES

AFS PLUS HE series: straight heaters complete with threaded bush for internal mounting. These heaters are provided with a threaded end whose dimensions depend on the tube's diameter.

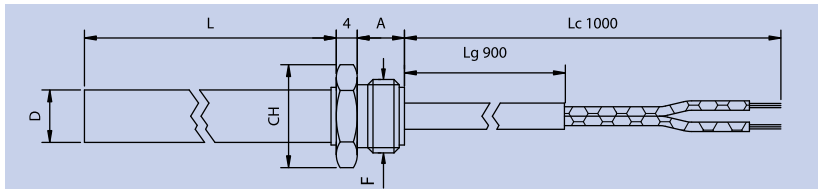
table of bush dimensions:

D	F	CH (mm)	A (mm)
1/4"	G1/8"	12	8
6.5	M10x1	12	8
8	M12x1	14	8
3/8"	G1/4"	17	8
10	M14x1,5	17	8
12.5	M16x1,5	19	8
1/2"	G3/8"	19	8
5/8"	G1/2"	24	10
16	M20x1,5	24	10
20	M26x1,5	27	10

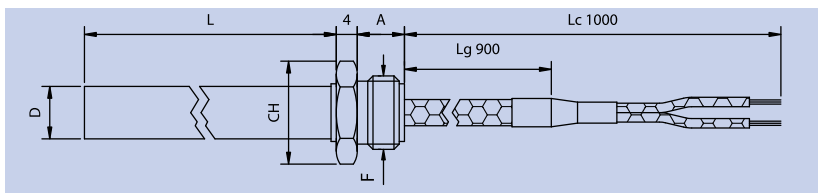
- **HE9:** standard version (unprotected leads)



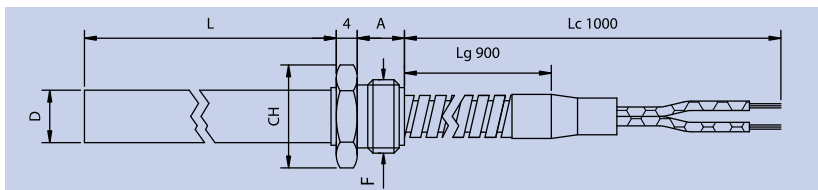
- **HEB:** leads protected with a fibreglass sleeve



- **HEC:** leads protected with a metal braid



- **HED:** leads protected with a flexible metal conduit



To select dimensions D and L please see tables 1-2-3-4 on the following pages.

STRAIGHT HEATERS WITH EXTERNAL BUSH AND BUILT-IN THERMOCOUPLE -AFS PLUS YE- are available in the same versions of AFS PLUS/HE, but with a limited range of dimensions.



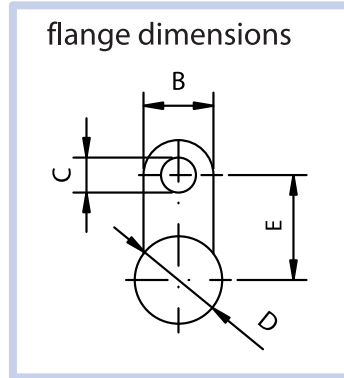
AFS PLUS LINE HF SERIES

AFS PLUS HF series: straight heaters complete with FIXING FLANGE.

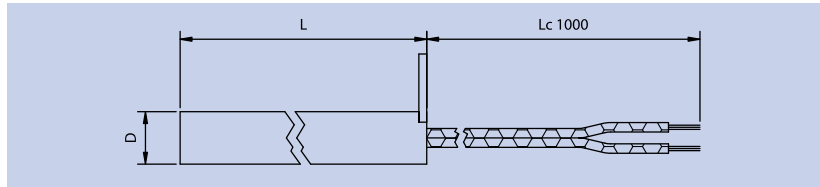
These heaters are fitted with a fixing flange whose dimensions depend on the tube's diameter.

table of flange dimensions

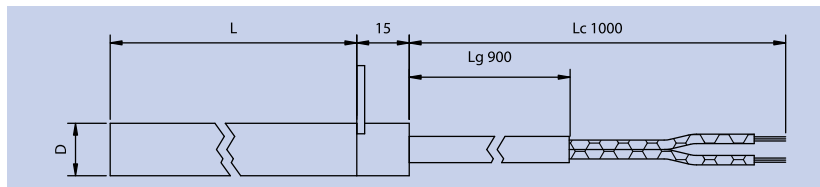
D	B (mm)	C (mm)	E (mm)
1/4"	6	3.5	8.5
6.5	6	3.5	8.5
8	8	4.5	10
3/8"	8	4.5	11.6
10	8	4.5	12
12.5	12	6.5	14
1/2"	12	6.5	14
5/8"	12	6.5	18
16	12	6.5	18
20	12	7.5	21



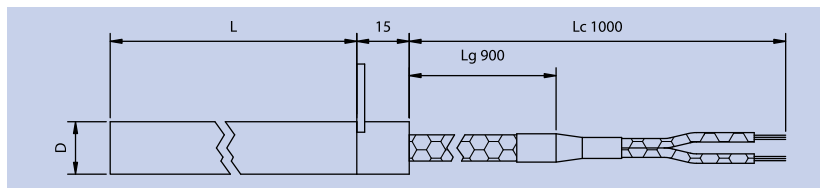
- **HF9:** standard version (unprotected leads)



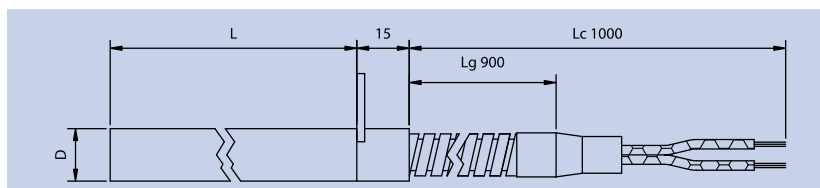
- **HFB:** leads protected with a fibreglass sleeve



- **HFC:** leads protected with a metal braid



- **HFD:** leads protected with a flexible metal conduit



To select dimensions D and L please see tables 1-2-3-4 on the following pages.

STRAIGHT HEATERS WITH FIXING FLANGE AND BUILT-IN THERMOCOUPLE -AFS PLUS YF- are available in the same versions of AFS PLUS/HF, but with a limited range of dimensions.



AFS PLUS LINE HH SERIES

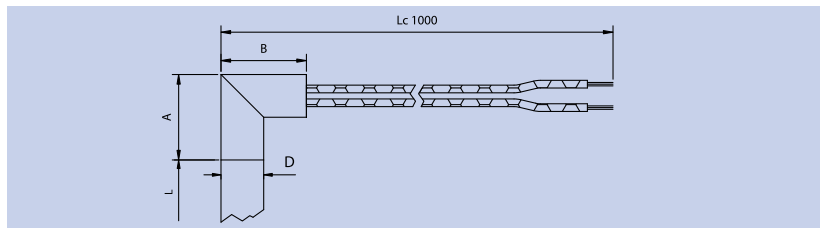
AFS PLUS HH series: right-angled heaters.

The dimensions of the shorter piece of these L-shaped heaters shown in the table below depend on the diameter of the tube:

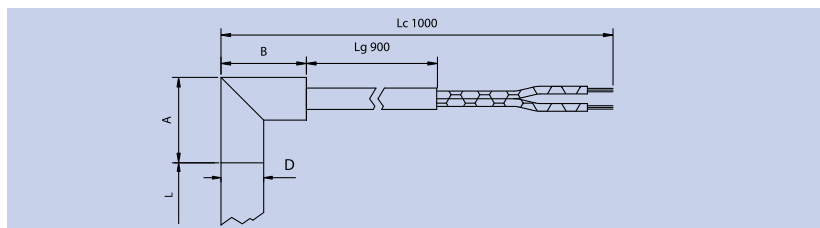
table of dimensions:

D	A (mm)	B (mm)
1/4"	14.3	14
6.5	14.3	14
8	16	16
3/8"	17.5	18
10	17.5	18
12.5	20	20
1/2"	20	20
5/8"	24	24
16	24	24
20	30	30

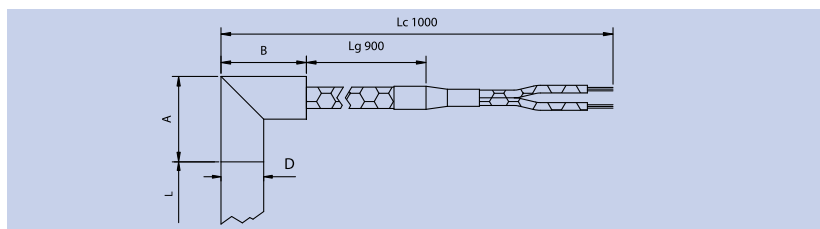
- **HH9:** standard version (unprotected leads)



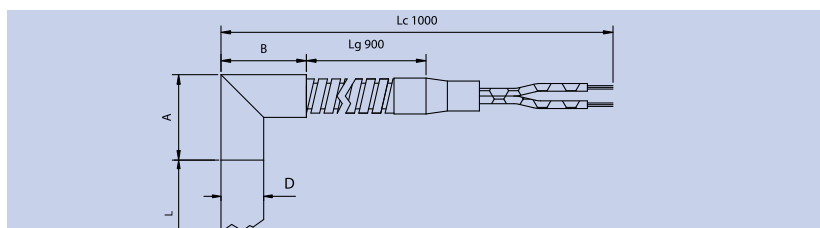
- **HHB:** leads protected with a fibreglass sleeve



- **HHC:** leads protected with a metal braid



- **HHD:** leads protected with a flexible metal conduit



To select dimensions D and L please see tables 1-2-3-4 on the following pages.

RIGHT-ANGLED HEATERS WITH BUILT-IN THERMOCOUPLE -AFS PLUS YH- are available in the same versions of AFS PLUS/HH, but with a limited range of dimensions.



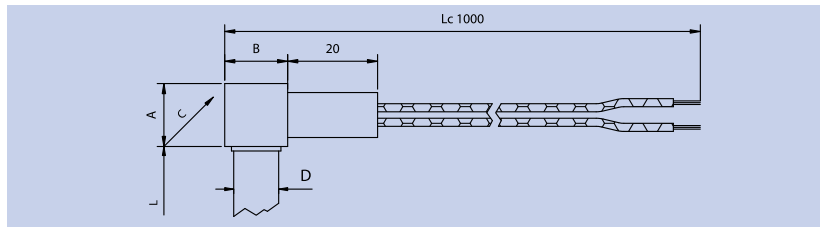
AFS PLUS LINE HL SERIES

A version fitted with a connecting block placed between the main tube and the perpendicular shorter piece – called AFS PLUS HL series - is available upon request. The dimensions of the shorter piece of tube and of the block are shown in the table below:

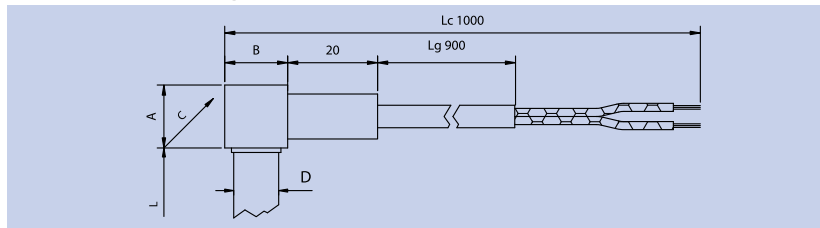
table of dimensions

D	A (mm)	B (mm)	C (mm)
1/4"	10	10	10
6.5	10	10	10
8	10	10	10
3/8"	15	15	15
10	15	15	15
12.5	15	15	15
1/2"	15	15	15
5/8"	18	18	18
16	18	18	18
20	25	25	25

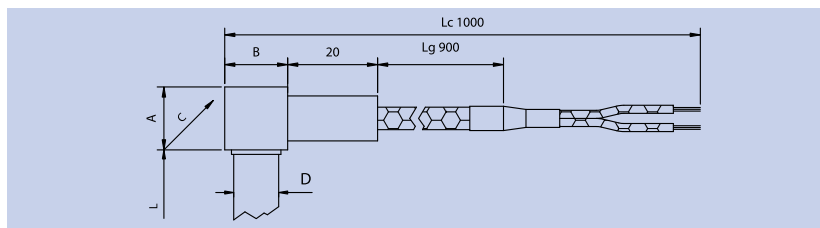
- **HL9:** standard version (unprotected leads)



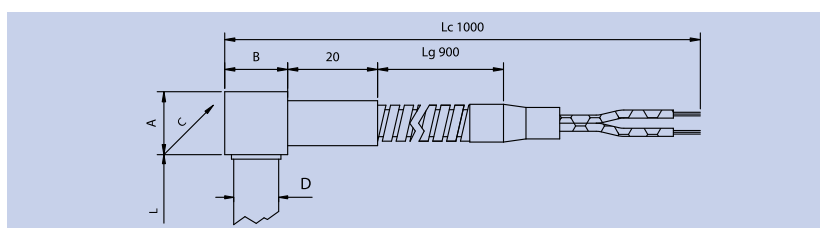
- **HLB:** leads protected with a fibreglass sleeve



- **HLC:** leads protected with a metal braid



- **HLD:** leads protected with a flexible metal conduit



To select dimensions D and L please see tables 1-2-3-4 on the following pages.

RIGHT-ANGLED HEATERS WITH BLOCK AND BUILT-IN THERMOCOUPLE -AFS PLUS YL- are available in the same versions of AFS PLUS/HL, but with a limited range of dimensions. Only for this version the lead times are to be checked each time with our Sales Dept.



AFS PLUS LINE SELECTION TABLES

The following tables show the standard dimensions of the AFS PLUS heaters always available from stock. They are binding for each of the different versions of this line of products.

SELECTION TABLE 1 - AFS PLUS HEATERS - STANDARD METRIC DIMENSIONS

PART NO.	D (mm)	L (mm)	W	PART NO.	D (mm)	L (mm)	W	PART NO.	D (mm)	L (mm)	W
5251	6,5	40	100	5677	8	60	400	5692	10	100	850
5252	6,5	40	125	5678	8	80	160	5055	10	130	320
5662	6,5	40	160	5014	8	80	200	5056	10	130	400
5663	6,5	40	180	5015	8	80	250	5057	10	130	500
5254	6,5	40	200	5679	8	80	280	5058	10	130	650
5255	6,5	50	100	5680	8	80	320	5059	10	130	800
5664	6,5	50	125	5017	8	80	400	5060	10	160	400
5256	6,5	50	160	5681	8	100	160	5693	10	160	500
5257	6,5	50	200	5018	8	100	200	5061	10	160	650
5258	6,5	50	250	5019	8	100	250	5694	10	160	800
5259	6,5	60	125	5682	8	100	280	5062	10	200	400
5260	6,5	60	160	5020	8	100	320	5695	10	200	500
5665	6,5	60	180	5021	8	100	400	5063	10	200	650
5261	6,5	60	200	5683	8	130	200	5696	10	200	800
5262	6,5	60	250	5022	8	130	250	5697	10	250	500
5666	6,5	60	320	5023	8	130	320	5698	10	250	650
5263	6,5	80	125	5684	8	130	400	5699	10	250	800
5667	6,5	80	160	5685	8	160	250	5700	10	250	1000
5264	6,5	80	180	5686	8	160	320	5701	12,5	40	125
5265	6,5	80	200	5025	8	160	450	5702	12,5	40	160
5266	6,5	80	250	5026	10	40	100	5703	12,5	40	200
5267	6,5	80	320	5027	10	40	125	5064	12,5	40	250
5268	6,5	100	125	5687	10	40	160	5704	12,5	40	320
5668	6,5	100	160	5028	10	40	200	5066	12,5	40	400
5269	6,5	100	200	5029	10	40	250	5067	12,5	50	160
5270	6,5	100	250	5030	10	40	320	5068	12,5	50	200
5669	6,5	100	320	5031	10	50	100	5705	12,5	50	250
5271	6,5	100	350	5032	10	50	160	5706	12,5	50	320
5670	6,5	100	400	5033	10	50	200	5071	12,5	50	400
5272	6,5	130	250	5034	10	50	250	5707	12,5	50	500
5671	6,5	130	300	5688	10	50	320	5708	12,5	60	160
5672	6,5	130	350	5035	10	50	400	5072	12,5	60	200
5273	6,5	130	400	5689	10	50	125	5073	12,5	60	250
5274	6,5	160	300	5036	10	60	160	5709	12,5	60	320
5275	6,5	160	350	5690	10	60	200	5076	12,5	60	400
5276	6,5	160	400	5038	10	60	250	5077	12,5	60	500
5001	8	40	100	5039	10	60	320	5710	12,5	80	160
5673	8	40	140	5040	10	60	400	5711	12,5	80	200
5002	8	40	160	5041	10	60	500	5078	12,5	80	250
5003	8	40	200	5042	10	80	160	5712	12,5	80	320
5004	8	40	250	5691	10	80	200	5081	12,5	80	400
5005	8	50	125	5043	10	80	250	5082	12,5	80	500
5674	8	40	160	5044	10	80	320	5713	12,5	80	650
5006	8	50	200	5045	10	80	400	5084	12,5	80	800
5007	8	50	250	5046	10	80	500	5714	12,5	100	250
5008	8	50	320	5047	10	80	650	5715	12,5	100	320
5009	8	60	125	5048	10	100	200	5085	12,5	100	400
5675	8	60	160	5049	10	100	250	5086	12,5	100	500
5010	8	60	200	5051	10	100	350	5087	12,5	100	650
5011	8	60	250	5052	10	100	400	5088	12,5	100	800
5676	8	60	280	5053	10	100	500	5089	12,5	100	1000
5012	8	60	320	5054	10	100	650	5716	12,5	130	320



AFS PLUS LINE SELECTION TABLES

PART NO.	D (mm)	L (mm)	W
5090	12,5	130	400
5091	12,5	130	500
5092	12,5	130	650
5093	12,5	130	800
5431	12,5	130	1000
5095	12,5	160	500
5096	12,5	160	650
5097	12,5	160	800
5718	12,5	160	1000
5098	12,5	160	1300
5719	12,5	200	650
5720	12,5	200	800
5100	12,5	200	1000
5721	12,5	200	1500
5101	12,5	250	800
5722	12,5	250	1000
5102	12,5	250	1500
5723	12,5	300	800
5103	12,5	300	1000
5104	12,5	300	1600
5724	16	40	200
5107	16	40	250
5725	16	40	320
5108	16	40	400
5726	16	40	500
5727	16	50	200
5110	16	50	250
5728	16	50	320
5111	16	50	400
5729	16	50	500
5730	16	50	650
5112	16	60	200
5731	16	60	250
5732	16	60	320
5114	16	60	400
5733	16	60	500
5115	16	60	650
5734	16	80	250
5735	16	80	320

PART NO.	D (mm)	L (mm)	W
5116	16	80	400
5117	16	80	500
5118	16	80	650
5119	16	80	800
5736	16	80	1000
5737	16	100	320
5120	16	100	400
5121	16	100	500
5122	16	100	650
5123	16	100	800
5124	16	100	1000
5125	16	100	1250
5738	16	130	400
5126	16	130	500
5127	16	130	650
5128	16	130	800
5129	16	130	1000
5739	16	130	1250
5740	16	160	500
5741	16	160	650
5742	16	160	800
5743	16	160	1000
5744	16	160	1250
5745	16	160	1600
5130	16	200	500
5131	16	200	800
5132	16	200	1000
5133	16	200	1250
5746	16	200	1600
5134	16	200	2000
5747	16	250	800
5135	16	250	1000
5136	16	250	1250
5137	16	250	1600
5748	16	250	2000
5138	16	300	1000
5139	16	300	1250
5749	16	300	1600
5141	16	300	2000

PART NO.	D (mm)	L (mm)	W
5142	16	400	1000
5143	16	400	1400
5144	16	400	2000
5145	16	400	2500
5750	20	60	320
5751	20	60	500
5752	20	60	800
5753	20	80	320
5754	20	80	500
5755	20	80	800
5756	20	80	1000
5757	20	100	500
5758	20	100	800
5759	20	100	1000
5760	20	100	1250
5761	20	100	1600
5762	20	130	650
5763	20	130	1000
5764	20	130	1250
5765	20	130	1600
5766	20	130	2000
5767	20	160	800
5768	20	160	1000
5769	20	160	1250
5770	20	160	1600
5771	20	160	2000
5772	20	200	1000
5773	20	200	1600
5774	20	200	2500
5775	20	250	1250
5776	20	250	2000
5777	20	250	2500
5778	20	300	1600
5779	20	300	2500
5780	20	400	1600
5781	20	400	2500

SELECTION TABLE 2 - AFS PLUS HEATERS WITH THERMOCOUPLE J - STANDARD METRIC DIMENSIONS

PART NO.	D (mm)	L (mm)	W
5317	6,5	40	100
5318	6,5	40	150
5319	6,5	40	200
5320	6,5	50	200
5321	6,5	60	200
5322	6,5	60	250
5836	6,5	60	350
5805	6,5	80	200
5806	6,5	80	250
5807	6,5	80	350
5808	6,5	80	250
5323	6,5	100	350

PART NO.	D (mm)	L (mm)	W
5324	8	40	100
5325	8	50	130
5326	8	50	250
5809	8	60	170
5327	8	60	250
5810	8	80	200
5329	8	80	320
5811	8	100	250
5331	8	100	320
5812	8	100	400
5813	8	130	250
5332	8	130	400

PART NO.	D (mm)	L (mm)	W
5333	10	40	200
5334	10	50	250
5335	10	60	250
5336	10	60	400
5337	10	80	250
5338	10	80	320
5814	10	80	400
5815	10	100	250
5339	10	100	350
5816	10	160	400



AFS PLUS LINE SELECTION TABLES

SELECTION TABLE 3 - AFS PLUS HEATERS - STANDARD IMPERIAL DIMENSIONS

PART NO.	D (in)	L (in)	W	PART NO.	D (in)	L (in)	W	PART NO.	D (in)	L (in)	W
5277	1/4"	1"	50	5166	3/8"	4"	300	5787	1/2"	7"	1500
5278	1/4"	1"	100	5167	3/8"	4"	400	5788	1/2"	8"	600
5279	1/4"	1"	150	5168	3/8"	4"	500	5217	1/2"	8"	800
5280	1/4"	1"	200	5169	3/8"	4"	600	5218	1/2"	8"	1000
5281	1/4"	1 1/2"	100	5170	3/8"	5"	400	5219	1/2"	8"	1500
5282	1/4"	1 1/2"	150	5171	3/8"	5"	500	5220	1/2"	9"	1000
5283	1/4"	1 1/2"	200	5172	3/8"	5"	800	5221	1/2"	9"	1500
5284	1/4"	1 1/2"	250	5173	3/8"	6"	400	5222	1/2"	10"	1000
5286	1/4"	2"	100	5174	3/8"	6"	500	5223	1/2"	10"	1500
5287	1/4"	2"	150	5175	3/8"	6"	600	5224	1/2"	10"	2000
5288	1/4"	2"	200	5176	3/8"	6"	800	5789	1/2"	12"	700
5289	1/4"	2"	250	5177	3/8"	7"	500	5225	1/2"	12"	1500
5290	1/4"	2"	300	5178	3/8"	7"	600	5226	1/2"	12"	2000
5293	1/4"	2 1/2"	150	5179	3/8"	7"	800	5227	5/8"	2"	200
5294	1/4"	2 1/2"	200	5180	3/8"	8"	600	5790	5/8"	2"	300
5295	1/4"	2 1/2"	250	5181	3/8"	8"	800	5791	5/8"	2"	500
5296	1/4"	2 1/2"	300	5182	1/2"	1 1/2"	200	5228	5/8"	2" 1/2	250
5298	1/4"	2 1/2"	400	5183	1/2"	1 1/2"	300	5229	5/8"	2" 1/2	300
5299	1/4"	3"	150	5184	1/2"	2"	250	5230	5/8"	2" 1/2	400
5300	1/4"	3"	200	5185	1/2"	2"	300	5792	5/8"	2" 1/2	500
5301	1/4"	3"	250	5186	1/2"	2"	400	5793	5/8"	3"	300
5302	1/4"	3"	300	5783	1/2"	2"	500	5231	5/8"	3"	400
5304	1/4"	3"	400	5187	1/2"	2 1/2"	250	5232	5/8"	3"	500
5306	1/4"	3 1/2"	200	5188	1/2"	2 1/2"	300	5794	5/8"	3"	750
5308	1/4"	3 1/2"	300	5189	1/2"	2 1/2"	400	5795	5/8"	3"	1000
5782	1/4"	3 1/2"	400	5190	1/2"	2 1/2"	500	5796	5/8"	4"	400
5309	1/4"	4"	250	5191	1/2"	3"	300	5234	5/8"	4"	500
5310	1/4"	4"	300	5192	1/2"	3"	400	5235	5/8"	4"	600
5311	1/4"	4"	350	5193	1/2"	3"	500	5236	5/8"	4"	750
5312	1/4"	5"	300	5194	1/2"	3"	600	5237	5/8"	4"	1000
5313	1/4"	5"	350	5784	1/2"	3"	750	5797	5/8"	4"	1250
5315	1/4"	6"	400	5195	1/2"	3 1/2"	350	5238	5/8"	5"	600
5316	1/4"	6"	500	5196	1/2"	3 1/2"	500	5239	5/8"	5"	800
5146	3/8"	1"	200	5197	1/2"	3 1/2"	750	5240	5/8"	5"	1000
5147	3/8"	1 1/2"	100	5198	1/2"	4"	350	5241	5/8"	6"	800
5148	3/8"	1 1/2"	150	5199	1/2"	4"	400	5242	5/8"	6"	1000
5149	3/8"	1 1/2"	200	5200	1/2"	4"	500	5243	5/8"	6"	1500
5150	3/8"	1 1/2"	300	5201	1/2"	4"	600	5244	5/8"	7"	1000
5151	3/8"	2"	100	5202	1/2"	4"	800	5245	5/8"	7"	1500
5152	3/8"	2"	150	5203	1/2"	4"	1000	5798	5/8"	8"	800
5153	3/8"	2"	200	5785	1/2"	5"	400	5246	5/8"	8"	1000
5154	3/8"	2"	300	5204	1/2"	5"	500	5799	5/8"	8"	1250
5155	3/8"	2"	500	5205	1/2"	5"	600	5247	5/8"	8"	1500
5156	3/8"	2 1/2"	200	5206	1/2"	5"	750	5248	5/8"	8"	2000
5157	3/8"	2 1/2"	300	5208	1/2"	5"	1000	5800	5/8"	10"	1000
5158	3/8"	2 1/2"	400	5786	1/2"	6"	500	5249	5/8"	10"	1300
5160	3/8"	3"	200	5209	1/2"	6"	600	5250	5/8"	10"	1600
5161	3/8"	3"	300	5210	1/2"	6"	750	5801	5/8"	10"	2000
5162	3/8"	3"	400	5212	1/2"	6"	1000	5802	5/8"	12"	1000
5163	3/8"	3"	500	5213	1/2"	7"	500	5803	5/8"	12"	1600
5164	3/8"	3" 1/2	500	5215	1/2"	7"	800	5804	5/8"	12"	2000
5165	3/8"	4"	200	5216	1/2"	7"	1000				



AFS PLUS LINE SELECTION TABLES

SELECTION TABLE 4 - AFS PLUS HEATERS WITH THERMOCOUPLE J - STANDARD IMPERIAL DIMENSIONS

PART NO.	D (in)	L (in)	W
5817	1/4"	1" 1/2	100
5818	1/4"	1"1/2	200
5819	1/4"	2"	125
5820	1/4"	2"	200
5821	1/4"	2" 1/2	250
5822	1/4"	3"	250
5823	1/4"	4"	200

PART NO.	D (in)	L (in)	W
5824	1/4"	4"	300
5825	3/8"	1" 1/2	200
5826	3/8"	2"	250
5827	3/8"	3"	250
5828	3/8"	4"	350
5829	3/8"	5"	500

PART NO.	D (in)	L (in)	W
5830	1/2"	2"	300
5831	1/2"	2 "1/2	350
5832	1/2"	3"	400
5833	1/2"	4"	500
5834	1/2"	5"	600
5835	1/2"	6"	700

HOW TO ORDER AFS PLUS HEATERS.

Determining the heaters' ordering code is quite easy, you only have to follow the procedure.

- A) Check that the required diameters and lengths are included in the selection tables 1-2-3-4 on the previous pages.
- B) Once you have done this, please choose the suitable options among those shown below. You will so create the ordering code for your heater.

1 - TYPE OF HEATER	
PLAIN HIGH TEMPERATURE HEATER	H
HIGH TEMP. HEATER WITH BUILT-IN THERMOCOUPLE TYPE J	Y

2 - HEATER VERSION	
STRAIGHT	T
STRAIGHT WITH TUBE-POINTED BUSH	E
STRAIGHT WITH LEADS-POINTED BUSH	D
STRAIGHT WITH FLANGE	F
RIGHT ANGLED	H
RIGHT ANGLED WITH BLOCK	L

4 - HEATER PART NUMBERS – CHOICE OF TECHNICAL FEATURES	
PART NUMBER FOR PLAIN HEATER - METRIC DIMENSIONS (TABLE 1)	
PART NUMBER FOR HEATER WITH T.COUPLE - METRIC DIMENSIONS (TABLE 2)	
PART NUMBER FOR PLAIN HEATER – IMPERIAL DIMENSIONS (TABLE 3)	
PART NUMBER FOR HEATER WITH T.COUPLE - IMPERIAL DIMENSIONS (TABLE 4)	

3 - LEAD PROTECTION TYPES	
NO PROTECTION – STANDARD LEADS	9
FIBREGLASS SLEEVE Lg=900mm	B
METAL BRAID Lg=900mm	C
FLEXIBLE METAL CONDUIT Lg=900mm	D

ES.: PLAIN HIGH-TEMP. HEATER, STRAIGHT, LEADS PROTECTED WITH FIBREGLASS SLEEVE, DIAMETER 10mm LENGHT 50mm W160 V230

1	2	3	4			
H	T	B	5	0	3	2

REQUESTS FOR SPECIAL HEATERS :

The many items of the AFS PLUS line can meet the requirements of a number of applications, but you must not hesitate to contact us if you do not find what you are looking for. HT's know-how and manufacturing flexibility are at your service. In the next page you will find a simple and straightforward form. Fill it in and send it to our Sales Dept.; this will enable us to propose you our version of the special items you need.



FORM FOR THE IDENTIFICATION OF SPECIAL HEATERS

STEP 1 - WORKING TEMPERATURE

-30°C/100°C	MAX 300°C	MAX 400°C	MAX 500°C	MAX 600°C	MAX 700°C	OTHER
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

STEP 2 - VERSIONS AND DIMENSIONS

<p>STYLE 1</p>	<p>STYLE 2</p>	<p>STYLE 3</p>
<p>STYLE 4</p>	<p>STYLE 5</p>	<p>DRAWING - FOR DIFFERENT VERSIONS</p>

DIMENSIONS ACCORDING TO CHOSEN STYLE

A mm	B mm	C mm	D mm	L mm
NOTES:			Tolerance	Tolerance

STEP 3 - THERMOCOUPLE CHOICE

HEATER WITHOUT THERMOCOUPLE <input type="checkbox"/>	HEATER + 'K' THERMOCOUPLE <input type="checkbox"/>	HEATER + 'J' THERMOCOUPLE <input type="checkbox"/>
	GROUNDED THERMOCOUPLE <input type="checkbox"/>	INSULATED THERMOCOUPLE <input type="checkbox"/>

STEP 4 - ELECTRICAL FEATURES

LOADING W	TENSION V
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STEP 5 - LEAD PROTECTION TYPES

<p>NO PROTECTION <input type="checkbox"/></p>	<p>PROTECTION WITH FIBREGLASS SLEEVE <input type="checkbox"/></p>	<p>PROTECTION WITH METALLIC BRAID <input type="checkbox"/></p>	<p>PROTECTION WITH FLEXIBLE METAL CONDUIT <input type="checkbox"/></p>
LEADS LENGTH (mm)	PROTECTION LENGTH (mm)	NOTES: Please specify different protection types or special requirements linked to temperature or electrical connections	

STEP 6 - WORKING ENVIRONMENT

AIR <input type="checkbox"/>	LIQUID <input type="checkbox"/>	TYPE	METAL <input type="checkbox"/>	TYPE
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STEP 7 - REQUIRED QUANTITY:

NO. OF PIECES:	NOTES:
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STEP 8 - CONTACT DETAILS

COMPANY:	MR/MS:
ADDRESS:	WWW:
	E-MAIL:
	FAX:
COUNTRY:	PHONE:

From the outset HT has established itself in the market by proposing innovative solutions for the domestic heating which has helped us to put the Company where it is today as market leader.

Over the years HT SpA have been able to constantly improve on the quality of its products spurred on by the growing demand for reliable and safe applications.

This is the reason why HT SpA was one of the first companies in this sector with a Quality System approved in accordance to ISO 29002, recently up-graded to ISO9001:2000 Vision, followed by the products approvals according to VDE and UL/CSA.

In the future it is HT SpA's intention to continue to pursue this course of combining a steady growth with the flexibility that will give our customers "the right heat in the right place".

HT S.p.A.

Via Conegliano, 73/B

31058 Susegana (TV) - Italy

Tel. Domestic Sales +39.0438.454294

Tel. Export Sales +39.0438.454290

Fax +39.0438.62788

www.htspa.it - htspa@htspa.it

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the heatmaster