



Rectangular iTherm® HR Manifolds



DATA SHEET

01

Material

- iTherm® HR manifolds are made using forged tool steel blocks produced in EU
- Most often used grades are - W.Nr. 1.2343/AISI H11, W.Nr. 1.2344/AISI H13, W.Nr. 1.2083/AISI 420
- Based on specific customer needs, other steel grades can be used

02

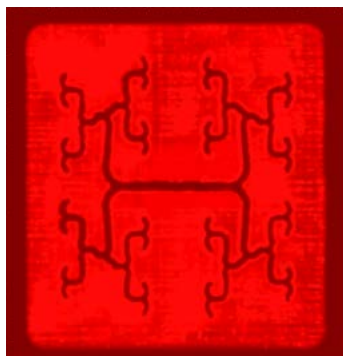
Delivery Condition

- Heat treated
- Hardness from 38 - 55 HRC
- Machined to final dimension or blank

03

Quality control procedure

- Dimensional measurement protocol
- Pressure test at 2.000 Bar
- Ultra Sound (US) testing of bonding surface



Bonding surface test

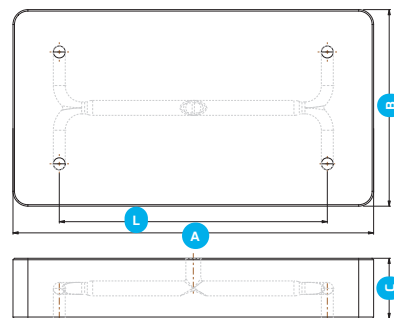
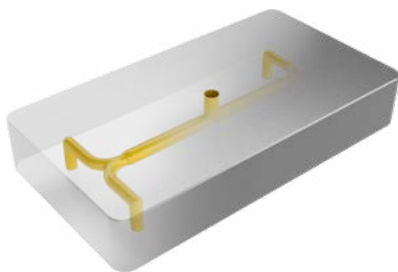
Rectangular iTherm[®] HR Manifolds



05 Dimensional Parameters

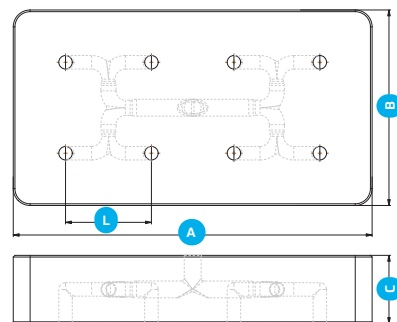
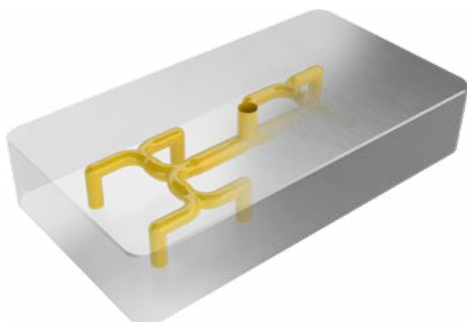
RECTANGULAR

2 × 2 SPLIT

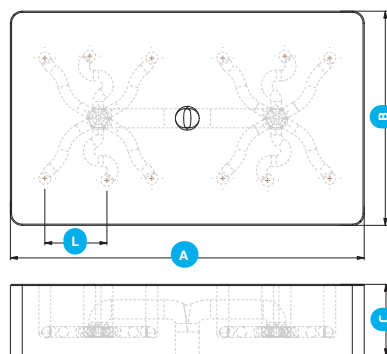


	Range
A	160-360
B	260-360
C	40 - 60
L - distance between nozzles	20 - 100

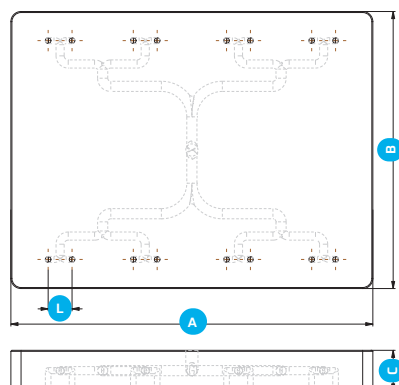
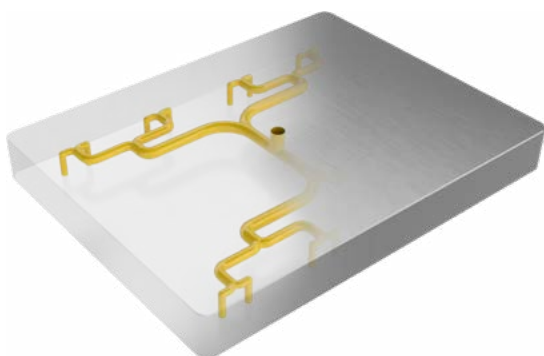
2 × 4 SPLIT



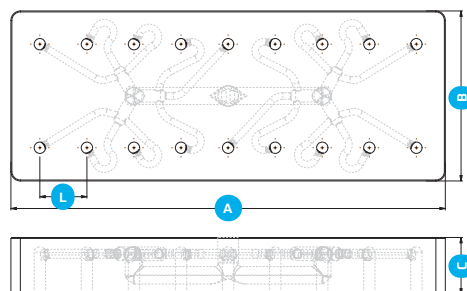
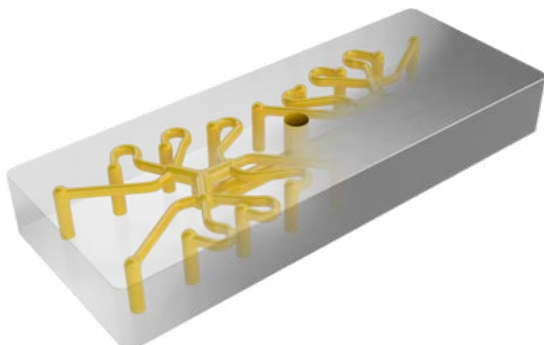
	Range
A	160-460
B	260-360
C	40 - 60
L - distance between nozzles	20 - 100

2 × 6 SPLIT**RECTANGULAR**

	Range
A	160-460
B	260-360
C	40 - 60
L - distance between nozzles	20 - 100

2 × 8 SPLIT

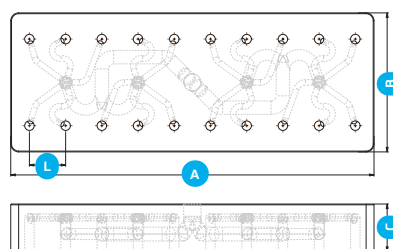
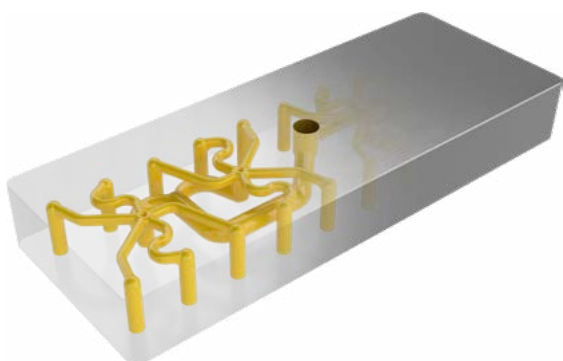
	Range
A	160-460
B	260-460
C	40 - 60
L - distance between nozzles	20 - 100

2 × 9 SPLIT:

	Range
A	260-560
B	260-460
C	40 - 60
L - distance between nozzles	20 - 100

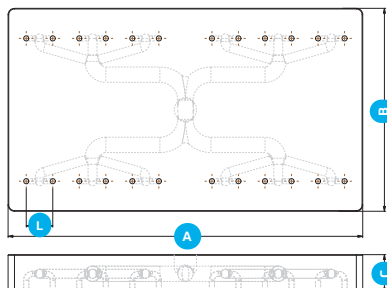
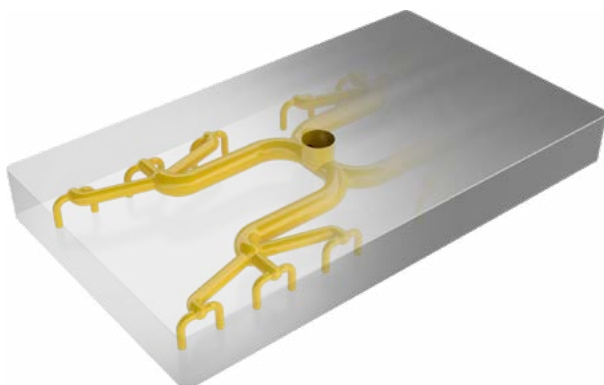
RECTANGULAR

2 × 10 SPLIT



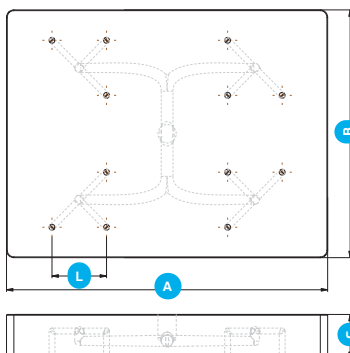
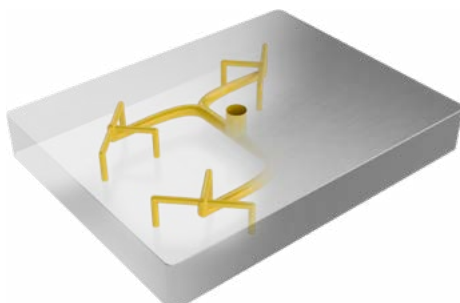
	Range
A	260-560
B	260-460
C	40 - 60
L - distance between nozzles	20 - 100

2 × 12 SPLIT

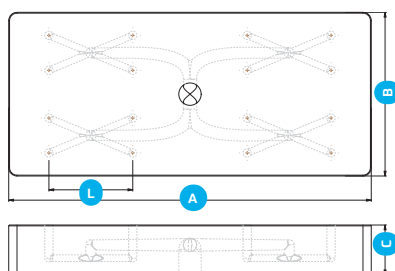


	Range
A	260-660
B	180-460
C	40 - 60
L - distance between nozzles	20 - 100

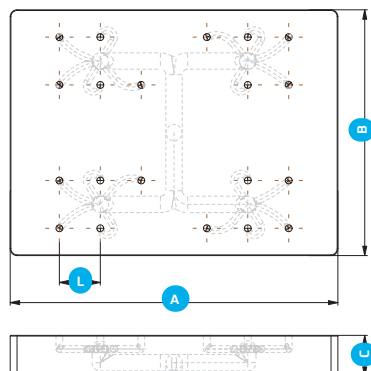
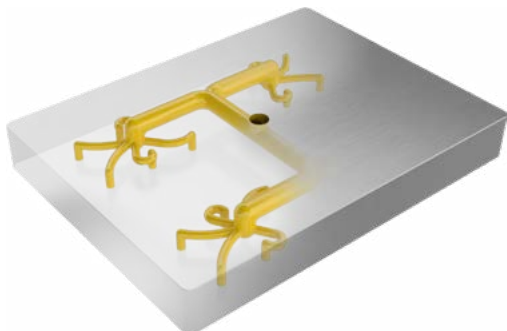
4 × 3 SPLIT



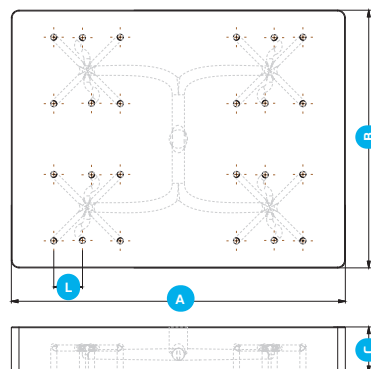
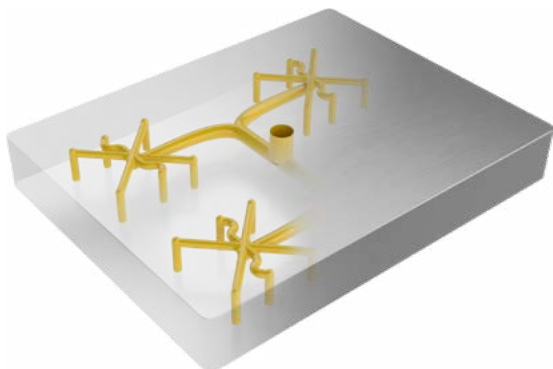
	Range
A	260-560
B	180-460
C	40 - 60
L - distance between nozzles	20 - 100

4 × 4 SPLIT**RECTANGULAR**

	Range
A	260-560
B	180-460
C	40 - 60
L - distance between nozzles	20 - 100

4 × 5 SPLIT

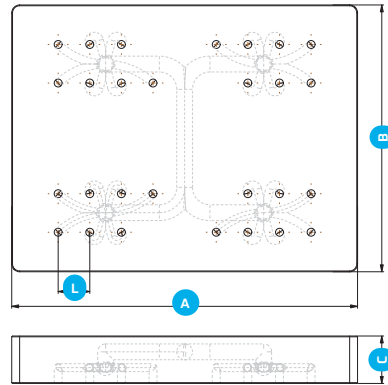
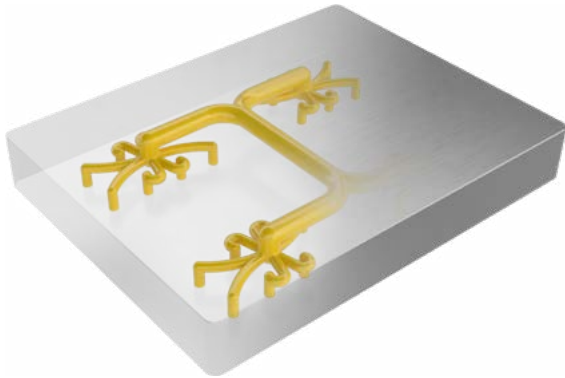
	Range
A	260-560
B	180-460
C	40 - 60
L - distance between nozzles	20 - 100

4 × 6 SPLIT

	Range
A	260-560
B	180-460
C	40 - 60
L - distance between nozzles	20 - 100

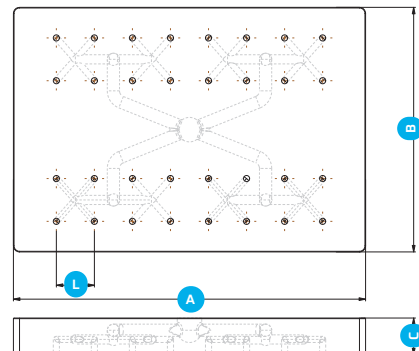
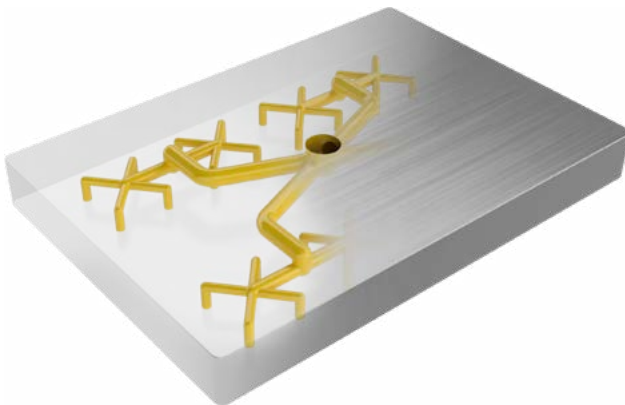
RECTANGULAR

4 × 7 SPLIT



	Range
A	360-560
B	180-460
C	40 - 60
L - distance between nozzles	20 - 100

4 × 8 SPLIT



	Range
A	360-560
B	180-460
C	40 - 60
L - distance between nozzles	20 - 100

Custom dimensions and cavitation

We also offer custom made HR manifold plates according to your specific request, in sizes up to 600 × 600 × 100 mm.



HTS Technology Group

Litostrojska cesta 60, SI-1000 Ljubljana, Slovenia

Phone: +386 1 5000 140

E-mail: office@htsgroup.com

HTS SALES AND TECHNICAL SUPPORT NETWORK

USA

HTS International Corporation

123 Center Park Dr. Ste 233

Knoxville, 37922

USA

Phone: +1 865 410 8880

E-mail: info@htsintl.com

AUSTRIA

HTS IC GmbH

Heinrich Bablik-Straße 17

AT-1100 Wien

Austria

Phone: +43 1 60030 2911

E-mail: office.austria@hts-ic.com

GERMANY

HTS MWT GmbH

Max-von-Eyth-Straße 7

DE-86899 Landsberg/Lech

Germany

Phone: +49 81 91 94 77 214

E-mail: office.mwt@htsgroup.com

SLOVENIA

HTS IC d.o.o.

Litostrojska ulica 60

SI-1000 Ljubljana

Slovenia

Phone: +386 1 5 000 115

E-mail: info@hts-ic.com

FRANCE

HTS Technology France

Lyon Plaza Part Dieu 93 rue de la Villette

FR-69003 Lyon

France

Phone: +33 787 15 83 74

E-mail: jonathan.labarre@htsgroup.com

CZECH REPUBLIC

HTS IC s.r.o.

Viktora Huga 377/4

CZ-15000 Praha 5

Czech republic

Phone: +420 720 532 147

E-mail: office.cz@hts-ic.com

SPAIN

ALROTEC TECHNOLOGY, SL

Pol. Ind. de Constantí. Avgda.

de Les Punes Nav 5

E-43120 Constantí

Spain

Phone: +34 977 525 561

E-mail: alrotec@alro-tec.com

ITALY

Sidertoce S.p.A.

Via XX Settembre, 198

28883 Gravellona Toce (VB)

Italy

Phone: +39 0323 865208

E-mail: info@sidertoce.com