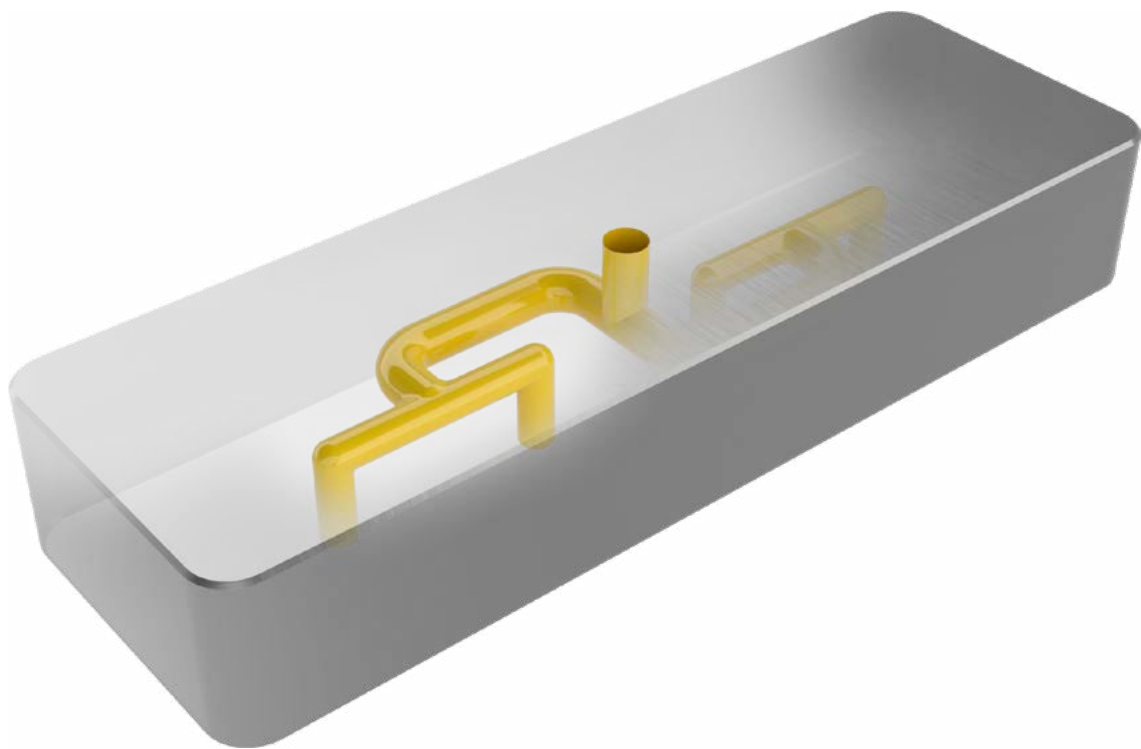




I-Shaped iTherm[®] HR Manifolds



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

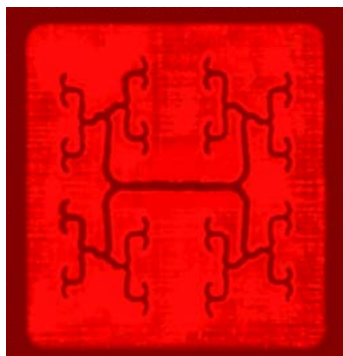
Delivery Condition

- 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

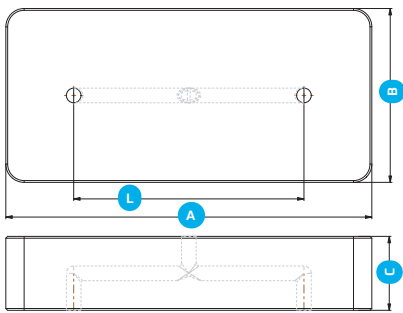
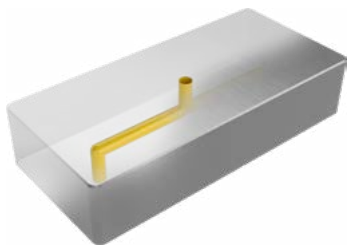
I-Shaped iTherm[®] HR Manifolds



05 Dimensional Parameters

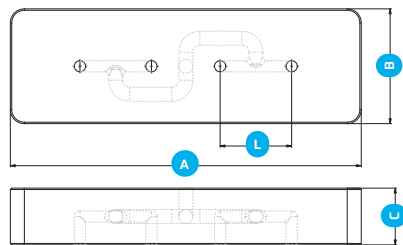
I-SHAPED

1 × 2 SPLIT

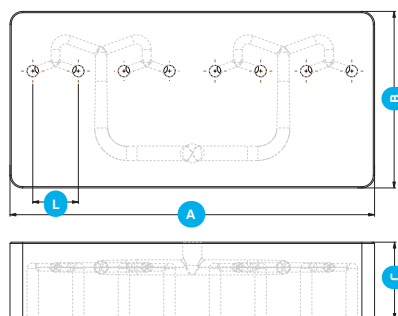


	Range
A	160-360
B	80-160
C	40 - 60
L - distance between nozzles	100 - 150

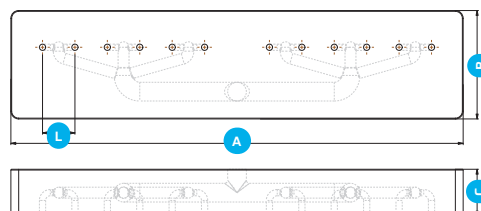
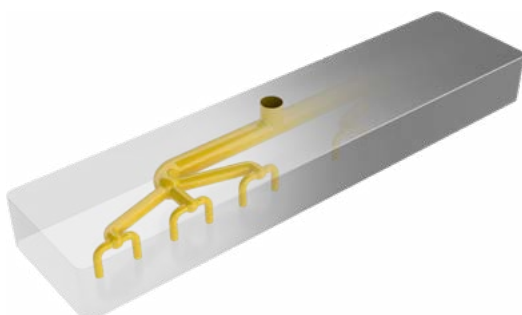
1 × 4 SPLIT



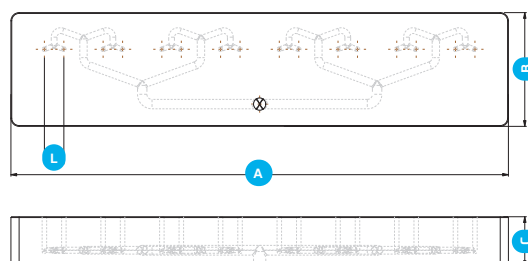
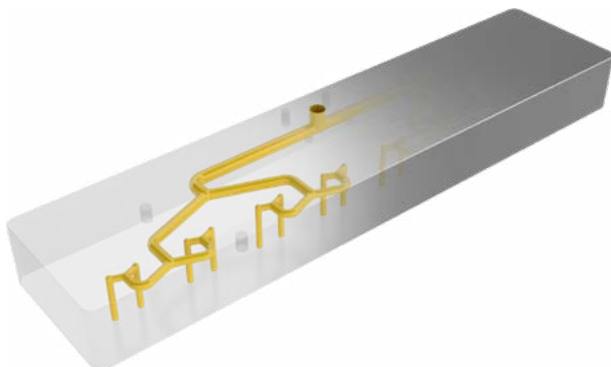
	Range
A	160-360
B	80-160
C	40 - 60
L - distance between nozzles	30 - 150

1 × 8 SPLIT

	Range
A	160-360
B	80-260
C	40 - 60
L - distance between nozzles	20 - 100

1 × 12 SPLIT

	Range
A	260-560
B	80-260
C	40 - 60
L - distance between nozzles	20 - 100

1 × 16 SPLIT

	Range
A	360-660
B	80-260
C	40 - 60
L - distance between nozzles	20 - 100



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