iTherm® Piston Rod

PRODUCT DESCRIPTION

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To maintain thermal and thus dimensional control of the piston tip, it is necessary to closely manage the flow of cooling water through the piston during casting process. An adequate flow of coolant through the shot rod is essential. Dimensional problems can often be resolved by simply increasing the flow of water.

2 MAIN ADVANTAGES

- The rate of flow of cooling water is easily measured
- The capacity of the rod is sufficient for an ample flow of cooling water

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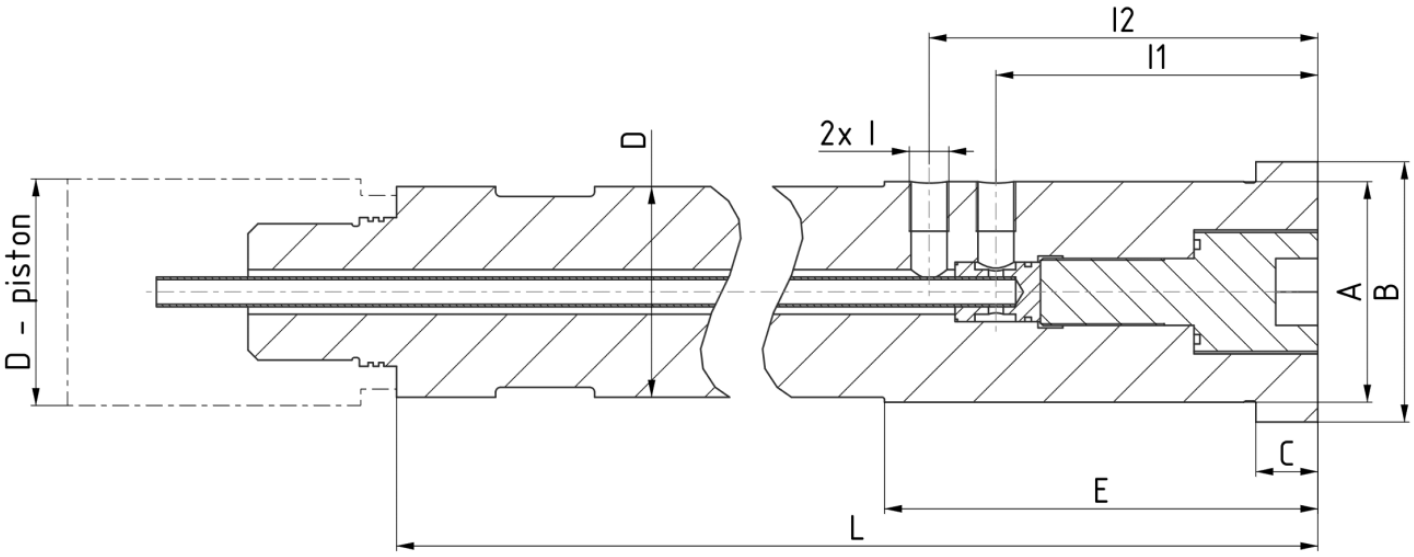
TECHNICAL SPECIFICATIONS



D - piston	70	75	80	85	90
D	55 - 66	55 – 71	62 - 76	62 - 81	72 - 86
L	400 - 1500	400 - 1500	400 - 1500	400 - 1500	400 - 1500

D - piston	95	100	105	110	115
D	72 - 91	82 - 96	82 - 100	90 - 105	90 - 110
L	400 - 1500	400 - 1500	400 - 1500	400 - 1500	400 - 1500

D - piston	120	125	130	135	140
D	100 - 115	100 - 120	105 - 125	105 - 130	112 - 135
L	400 - 1500	400 - 1500	800 - 2000	800 - 2000	800 - 2000

D - piston	145	150	160	170	180
D	112 - 140	125 - 145	128 - 150	135 - 160	140 - 170
L	800 - 2000	1000 - 2500	1000 - 2500	1000 - 2500	1000 - 2500

All dimensions are in mm

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TECHNICAL SPECIFICATIONS

A	**Min. D – max. B**
B	Min. D
C	0–40
E	(I2 + 10) – L/2
I1	50 - 200
I2	(I1 + 15) - 215
I	R1/4, R3/8, R1/2, R3/4, ¼ NPT, 3/8 NPT, ½ NPT, ¾ NPT

All dimensions are in mm

*On request, Piston Rod can be manufactured with iTherm® Rod spray system, to ensure homogeneous lubrication of the sleeve.

Do you need a slightly different design or component?

We got you covered.

Contact our die casting professionals and we will do our best to match your requirements. You can count on us to support you through each step of preformance improvement.

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