

Insulation rods made of Alsint 99.7 or Pythagoras are used to insulate inserted thermal wires. In accordance with DIN 43725, Pythagoras insulation rods can be heated to temperatures up to 2732°F/1500°C. For higher temperatures, we recommend Alsint 99.7 insulation rods.

ALSINT 99.7 TYPE C 799									PYTHAGORAS TYPE C 610								
2-bore rods			4-bore rods			2-bore rods			4-bore rods			2-bore rods			4-bore rods		
* O Ø/B Ø	O Ø/B Ø	O Ø/B Ø	* O Ø/B Ø	O Ø/B Ø	O Ø/B Ø	* O Ø/B Ø	O Ø/B Ø	O Ø/B Ø	* O Ø/B Ø	O Ø/B Ø	O Ø/B Ø	* O Ø/B Ø	O Ø/B Ø	O Ø/B Ø	* O Ø/B Ø	O Ø/B Ø	O Ø/B Ø
1.2 0.2	5.2 0.2	7.9 1.8	1.5 0.3	5.5 1.3	10.0 1.8	1.1 0.3	5.1 1.5	8.5 2.5	1.5 0.3	4.9 1.1	8.7 2.2	1.2 0.2	5.1 1.9	8.7 2.3	1.7 0.4	4.9 1.4	8.8 2.5
1.2 0.3	5.2 1.6	8.0 2.0	1.7 0.4	5.6 1.0	10.0 3.1	1.2 0.2	5.1 1.9	8.7 2.3	1.7 0.4	4.9 1.4	8.8 2.5	1.2 0.3	5.2 1.7	9.0 2.0	2.1 0.5	5.1 1.2	9.1 2.5
1.4 0.3	5.2 1.7	8.2 1.8	2.3 0.5	5.6 1.3	10.2 2.7	1.2 0.3	5.2 1.7	9.0 2.0	2.1 0.5	5.1 1.2	9.1 2.5	1.4 0.3	5.2 1.9	9.1 2.4	2.3 0.5	5.2 1.1	9.2 2.1
1.7 0.3	5.2 1.8	8.2 2.5	2.4 0.5	5.6 1.5	10.3 2.3	1.4 0.3	5.2 1.9	9.1 2.4	2.3 0.5	5.2 1.1	9.2 2.1	1.5 0.4	5.4 1.8	9.2 2.8	2.3 0.6	5.2 1.3	9.3 2.8
1.9 0.6	5.4 1.3	8.3 1.6	2.4 0.6	5.7 1.2	10.5 1.1	1.6 0.3	5.4 1.9	9.4 2.9	2.4 0.6	5.3 1.0	9.4 1.8	1.8 0.6	5.5 0.9	9.7 2.7	2.5 0.5	5.3 1.1	9.4 3.0
2.0 0.3	5.5 1.5	8.4 2.9	2.6 0.6	5.8 1.2	10.5 1.5	1.9 0.6	5.5 1.1	9.7 3.7	2.5 0.6	5.3 1.2	9.5 1.5	2.0 0.3	5.5 1.5	9.8 3.7	2.5 0.6	5.3 1.2	9.5 1.5
2.0 0.4	5.5 1.8	8.5 1.3	2.7 0.5	5.8 1.5	10.7 2.5	2.0 0.6	5.5 1.8	9.8 3.7	2.5 0.7	5.4 1.1	9.8 1.1	2.0 0.6	5.5 1.8	9.8 3.7	2.6 0.6	5.5 1.2	9.8 1.4
2.0 0.6	5.5 1.9	8.7 2.5	2.7 0.6	5.9 1.5	11.6 2.5	2.1 0.5	5.5 1.9	9.9 3.9	2.6 0.6	5.5 1.2	9.8 1.4	2.1 0.5	5.5 1.9	9.9 3.9	2.7 0.6	5.5 1.5	10.0 2.4
2.1 0.6	5.5 2.0	8.7 2.6	2.7 0.7	6.0 1.3	11.7 3.5	2.1 0.6	5.6 1.5	10.2 2.7	2.7 0.6	5.5 1.5	10.0 2.4	2.1 0.6	5.6 1.5	10.2 2.7	2.8 0.8	5.6 1.5	10.4 3.0
2.3 0.5	5.7 1.1	8.8 1.5	2.8 0.7	6.0 1.4	11.7 3.7	2.6 0.8	5.6 1.8	10.2 3.8	2.8 0.8	5.6 1.5	10.4 3.0	2.7 0.5	5.7 1.9	10.3 3.2	3.0 0.7	5.7 1.2	10.9 2.5
2.7 0.8	5.7 1.8	8.9 0.5	2.9 0.7	6.1 1.8	11.8 3.5	2.7 0.5	5.7 1.9	10.3 3.2	3.0 0.7	5.7 1.2	10.9 2.5	2.9 0.7	5.9 0.9	10.4 3.0	3.1 0.8	5.8 1.6	11.0 3.4
2.9 0.5	5.8 1.4	8.9 2.5	3.2 0.7	6.2 1.7	11.8 3.8	3.0 1.1	5.9 1.8	10.4 3.8	3.1 0.8	5.8 1.6	11.0 3.4	3.1 1.1	5.9 2.0	10.5 3.0	3.3 0.9	5.8 1.7	11.0 3.5
3.0 0.7	5.8 2.0	9.0 1.6	3.3 0.8	6.3 1.7	11.9 3.9	3.1 1.1	5.9 2.0	10.5 3.0	3.3 0.9	5.8 1.7	11.0 3.5	3.2 1.1	5.9 1.2	9.3 2.4	3.4 0.6	5.9 1.7	11.0 3.6
3.1 1.0	5.9 1.0	9.1 2.5	3.5 0.9	6.4 1.2	12.6 3.6	3.2 1.0	6.0 1.0	10.6 3.5	3.4 0.6	5.9 1.7	11.0 3.6	3.2 1.1	5.9 1.2	9.3 2.4	3.4 1.0	6.0 1.2	11.1 3.7
3.2 1.1	5.9 1.2	9.3 2.4	3.6 0.7	6.4 1.6	12.9 4.1	3.4 0.5	6.0 1.5	10.7 2.5	3.4 1.2	6.0 1.6	11.2 3.8	3.4 0.5	6.0 1.5	10.7 2.5	3.5 0.8	6.1 1.5	11.5 3.3
3.3 1.1	5.9 1.8	9.3 3.0	3.6 1.1	6.5 1.7	13.3 3.1	3.4 0.8	6.0 2.0	10.7 3.7	3.5 0.8	6.1 1.5	11.5 3.3	3.6 0.5	6.0 1.5	10.7 2.5	3.5 1.0	6.1 1.7	11.8 3.5
3.4 1.1	5.9 1.9	9.6 2.1	3.8 0.8	6.6 1.5	13.3 3.5	3.5 1.1	6.3 1.5	10.9 1.5	3.6 0.8	6.2 1.5	12.5 3.0	3.6 0.8	6.0 1.5	10.7 3.7	3.7 1.2	6.1 1.9	12.0 3.1
3.6 0.5	5.9 2.0	9.7 2.5	3.8 1.0	6.6 2.0	14.2 3.6	3.5 1.2	6.3 1.8	11.0 3.0	3.7 0.7	6.2 2.0	12.5 3.4	3.7 1.1	6.0 1.8	10.0 2.3	3.7 0.9	6.3 1.0	12.5 3.8
3.6 0.8	6.0 1.5	9.8 2.9	3.9 0.7	6.7 1.0	14.3 3.5	3.7 1.1	6.3 1.5	10.9 1.5	3.7 0.9	6.3 1.0	12.5 3.8	3.7 1.2	6.1 1.9	10.0 3.1	3.8 0.6	6.7 1.8	13.0 3.5
3.7 1.1	6.0 1.8	10.0 2.3	4.0 1.0	6.7 1.9	15.8 3.8	3.8 0.5	6.4 1.4	11.5 3.3	3.8 0.9	7.3 1.5	13.2 3.6	3.8 0.8	6.4 2.4	11.7 4.0	3.8 0.9	7.3 1.5	13.2 3.6
3.7 1.2	6.1 1.9	10.0 3.1	4.0 1.1	7.0 1.5	16.9 4.6	3.8 0.8	6.4 2.4	11.7 4.0	3.8 1.1	7.3 1.9	13.2 4.0	3.9 0.9	6.5 1.6	12.0 3.9	3.9 0.6	7.4 1.5	13.4 3.4
3.8 1.1	6.2 1.0	10.0 3.8	4.1 0.7	7.8 1.5		3.9 0.9	6.5 1.6	12.0 3.9	3.9 0.7	7.3 1.9	13.2 4.0	3.9 1.2	6.5 1.9	12.8 4.5	3.9 0.8	7.8 1.7	14.2 4.0
3.9 1.2	6.2 1.8	10.2 1.5	4.1 0.8	7.8 2.0		3.9 1.2	6.5 1.9	12.8 4.5	3.9 0.8	7.8 1.7	14.2 4.0	4.0 1.3	6.5 2.2	13.0 2.4	3.9 1.1	7.8 2.3	14.8 3.7
4.0 0.8	6.2 2.0	10.2 2.7	4.2 0.7	7.9 1.5		4.0 1.3	6.5 2.2	13.0 2.4	4.0 0.7	7.9 1.9	15.0 3.6	4.2 1.2	6.8 2.2	14.1 4.5	4.0 1.2	8.0 1.8	
4.0 1.0	6.3 0.9	10.3 2.8	4.2 0.8	8.0 2.3		4.2 1.2	7.0 1.1	14.2 4.5	4.0 1.1	7.9 2.2	15.8 4.5	4.2 1.3	7.0 1.1	14.2 4.5	4.0 1.1	7.9 2.2	
4.1 0.5	6.3 1.8	10.9 2.7	4.2 1.2	8.3 1.7		4.2 1.6	7.0 2.6	15.3 4.8	4.0 1.2	8.0 1.8		4.3 1.2	7.1 2.4	17.7 4.0	4.1 0.7	8.0 2.3	
4.1 0.9	6.4 1.0	10.9 3.9	4.3 0.7	8.3 1.8		4.3 1.2	7.1 2.4	17.7 4.0	4.1 0.7	8.0 2.3		4.4 0.9	7.2 2.4	18.3 4.1	4.2 1.3	8.0 2.4	
4.1 1.0	6.4 1.5	11.1 3.1	4.3 0.8	8.3 2.3		4.4 0.9	7.2 2.4	18.3 4.1	4.2 1.3	8.0 2.4		4.4 1.0	7.4 1.8		4.3 0.9	8.0 2.5	
4.2 1.2	6.4 2.1	11.1 3.9	4.3 1.2	8.4 1.9		4.4 1.3	7.5 1.9		4.3 0.9	8.0 2.5		4.5 1.0	7.7 1.7		4.4 0.7	8.1 1.5	
4.3 1.3	6.7 1.5	11.3 3.6	4.5 1.3	8.4 2.2		4.5 1.5	7.7 2.4		4.4 0.7	8.1 1.5		4.5 1.5	7.7 2.4		4.5 0.8	8.1 1.7	
4.3 1.4	6.7 1.8	11.4 2.5	4.6 1.0	8.5 1.5		4.6 1.6	7.8 1.6		4.5 0.9	8.1 1.8		4.6 1.6	7.8 1.6		4.5 1.1	8.1 1.9	
4.4 1.3	6.8 0.9	11.6 1.5	4.7 0.7	8.5 2.5		4.7 1.4	8.2 1.5		4.5 1.1	8.1 1.9		4.7 1.4	8.2 1.5		4.5 1.2	8.1 2.3	
4.5 1.2	6.8 1.5	12.2 3.3	4.8 0.8	8.6 1.8		4.7 1.7	8.2 2.4		4.5 1.2	8.1 2.3		4.9 1.6	8.2 2.6		4.5 1.5	8.2 1.5	
4.6 1.0	6.8 2.4	12.2 3.4	4.8 1.0	8.6 1.9		4.9 1.7	8.4 0.5		4.7 1.1	8.2 1.8		4.9 1.7	8.4 0.5		4.7 1.2	8.3 1.2	
4.6 1.2	6.9 1.0	12.3 3.0	4.8 1.1	8.6 2.0		4.9 1.8	8.4 2.5		4.7 1.2	8.3 1.2		5.1 1.2	8.5 1.6		4.8 0.9	8.5 1.5	
4.7 1.0	6.9 1.6	12.5 4.1	4.8 1.2	8.6 2.3		5.1 1.2	8.5 1.6										
4.7 1.1	6.9 2.2	12.6 1.2	4.8 1.5	8.8 1.2													
4.7 1.3	7.0 1.6	13.6 4.6	5.0 1.1	8.8 1.5													
4.7 1.5	7.0 2.0	13.8 2.5	5.0 1.2	8.8 1.8													
4.8 1.0	7.2 2.3	15.0 4.6	5.1 1.0	9.1 2.1													
4.8 1.5	7.4 2.6	15.1 4.6	5.2 1.2	9.4 2.5													
4.9 1.7	7.5 1.1	15.9 3.3	5.2 1.3	9.6 2.9													
5.0 1.4	7.6 2.4	16.3 4.9	5.4 1.2	9.7 2.6													
5.0 1.8	7.7 2.5		5.5 1.2	9.9 2.8													

* O Ø = Outer diameter in mm B Ø = Bore diameter in mm