test

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												
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	
1.2	0.2	5.2	0.2	7.9	1.8	1.5	0.3	5.5	1.3	10.0	1.8
1.2	0.3	5.2	1.6	8.0	2.0	1.7	0.4	5.6	1.0	10.0	3.1
1.4	0.3	5.2	1.7	8.2	1.8	2.3	0.5	5.6	1.3	10.2	2.7
1.7	0.3	5.2	1.8	8.2	2.5	2.4	0.5	5.6	1.5	10.3	2.3
1.9	0.6	5.4	1.3	8.3	1.6	2.4	0.6	5.7	1.2	10.5	1.1
2.0	0.3	5.5	1.5	8.4	2.9	2.6	0.6	5.8	1.2	10.5	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	1.9	8.7	2.5	2.7	0.6	5.9	1.5	11.6	2.5
2.1	0.6	5.5	2.0	8.7	2.6	2.7	0.7	6.0	1.3	11.7	3.5
2.3	0.5	5.7	1.1	8.8	1.5	2.8	0.7	6.0	1.4	11.7	3.7
2.7	0.8	5.7	1.8	8.9	0.5	2.9	0.7	6.1	1.8	11.8	3.5
2.9	0.5	5.8	1.4	8.9	2.5	3.2	0.7	6.2	1.7	11.8	3.8
3.0	0.7	5.8	2.0	9.0	1.6	3.3	0.8	6.3	1.7	11.9	3.9
3.1	1.0	5.9	1.0	9.1	2.5	3.5	0.9	6.4	1.2	12.6	3.6
3.2	1.1	5.9	1.2	9.3	2.4	3.6	0.7	6.4	1.6	12.9	4.1
3.3	1.1	5.9	1.8	9.3	3.0	3.6	1.1	6.5	1.7	13.3	3.1
3.4	1.1	5.9	1.9	9.6	2.1	3.8	0.8	6.6	1.5	13.3	3.5
3.6	0.5	5.9	2.0	9.7	2.5	3.8	1.0	6.6	2.0	14.2	3.6
3.6	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	6.0	1.8	10.0	2.3	4.0	1.0	6.7	1.9	15.8	3.8
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	1.1	6.2	1.0	10.0	3.8	4.1	0.7	7.8	1.5		
3.9	1.2	6.2	1.8	10.2	1.5	4.1	0.8	7.8	2.0		
4.0	0.8	6.2	2.0	10.2	2.7	4.2	0.7	7.9	1.5		
4.0	1.0	6.3	0.9	10.3	2.8	4.2	0.8	8.0	2.3		
4.1	0.5	6.3	1.8	10.9	2.7	4.2	1.2	8.3	1.7		
4.1	0.9	6.4	1.0	10.9	3.9	4.3	0.7	8.3	1.8		
4.1	1.0	6.4	1.5	11.1	3.1	4.3	0.8	8.3	2.3		
4.2	1.2	6.4	2.1	11.1	3.9	4.3	1.2	8.4	1.9		
4.3	1.3	6.7	1.5	11.3	3.6	4.5	1.3	8.4	2.2		
4.3	1.4	6.7	1.8	11.4	2.5	4.6	1.0	8.5	1.5		
4.4	1.3	6.8	0.9	11.6	1.5	4.7	0.7	8.5	2.5		
4.5	1.2	6.8	1.5	12.2	3.3	4.8	0.8	8.6	1.8		
4.6	1.0	6.8	2.4	12.2	3.4	4.8	1.0	8.6	1.9		
4.6	1.2	6.9	1.0	12.3	3.0	4.8	1.1	8.6	2.0		
4.7	1.0	6.9	1.6	12.5	4.1	4.8	1.2	8.6	2.3		
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		

PYTHAGORAS TYPE C 610												
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	
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	1.7	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
1.5	0.4	5.4	1.8	9.2	2.8	2.3	0.6	5.2	1.3	9.3	2.8
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
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	0.6	5.5	1.8	9.8	3.7	2.5	0.7	5.4	1.1	9.8	1.1
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	0.6	5.6	1.5	10.2	2.7	2.7	0.6	5.5	1.5	10.0	2.4
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
2.9	0.7	5.9	0.9	10.4	3.0	3.1	0.8	5.8	1.6	11.0	3.4
3.0	1.1	5.9	1.8	10.4	3.8	3.3	0.9	5.8	1.7	11.0	3.5
3.1	1.1	5.9	2.0	10.5	3.0	3.4	0.6	5.9	1.7	11.0	3.6
3.2	1.0	6.0	1.0	10.6	3.5	3.4	1.0	6.0	1.2	11.1	3.7
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	0.8	6.0	2.0	10.7	3.7	3.5	0.8	6.1	1.5	11.5	3.3
3.5	1.1	6.3	1.5	10.9	1.5	3.5	1.0	6.1	1.7	11.8	3.5
3.5	1.2	6.3	1.8	11.0	3.0	3.6	0.8	6.2	1.5	12.5	3.0
3.7	1.1	6.4	0.9	11.5	3.0	3.7	0.7	6.2	2.0	12.5	3.4
3.8	0.5	6.4	1.4	11.5	3.3	3.7	0.9	6.3	1.0	12.5	3.8
3.8	0.8	6.4	2.4	11.7	4.0	3.8	0.6	6.7	1.8	13.0	3.5
3.8	0.9	6.5	1.0	11.9	1.1	3.8	0.9	7.3	1.5	13.2	3.6
3.9	0.9	6.5	1.6	12.0	3.9	3.8	1.1	7.3	1.9	13.2	4.0
3.9	1.2	6.5	1.9	12.8	4.5	3.9	0.6	7.4	1.5	13.4	3.4
4.0	1.3	6.5	2.2	13.0	2.4	3.9	0.8	7.8	1.7	14.2	4.0
4.2	1.2	6.8	2.2	14.1	4.5	3.9	1.1	7.8	2.3	14.8	3.7
4.2	1.3	7.0	1.1	14.2	4.5	4.0	0.7	7.9	1.9	15.0	3.6
4.2	1.6	7.0	2.6	15.3	4.8	4.0	1.1	7.9	2.2	15.8	4.5
4.3	1.2	7.1	2.4	17.7	4.0	4.0	1.2	8.0	1.8		
4.4	0.9	7.2	2.4	18.3	4.1	4.1	0.7	8.0	2.3		
4.4	1.0	7.4	1.8			4.2	1.3	8.0	2.4		
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		
4.5	1.5	7.7	2.4			4.5	0.8	8.1	1.7		
4.6	1.6	7.8	1.6			4.5	0.9	8.1	1.8		
4.7	1.4	8.2	1.5			4.5	1.1	8.1	1.9		
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		
4.9	1.7	8.4	0.5			4.7	1.1	8.2	1.8		
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		

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

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