

Ceramic Tube Sizes							
OD x ID (inches)	OD x ID (mm)	Materials					
		EA998	EM60	EM60P	EM80P	EC70P	EC90P
0.039 x 0.020	(1 x 0.5)	stock	stock	n/a	n/a	n/a	n/a
0.059 x 0.031	(1.5 x 0.8)	stock	stock	n/a	n/a	n/a	n/a
0.079 x 0.039	(2 x 1)	stock	stock	n/a	n/a	n/a	n/a
0.094 x 0.039	(2.4 x 1)	poa	poa	n/a	n/a	n/a	n/a
0.094 x 0.063	(2.4 x 1.6)	poa	poa	n/a	n/a	n/a	n/a
0.100 x 0.050	(2.5 x 1.3)	stock	poa	n/a	n/a	n/a	n/a
0.106 x 0.067	( 2.7 x 1.7 )	poa	poa	n/a	n/a	n/a	n/a
0.118 x 0.059	(3 x 1.5)	stock	stock	n/a	n/a	n/a	n/a
0.118 x 0.079	(3 x 2)	poa	stock	n/a	n/a	n/a	n/a
0.125 x 0.063	(3.2 x 1.6)	stock	stock	n/a	n/a	n/a	n/a
0.125 x 0.094	(3.2 x 2.4)	poa	poa	n/a	n/a	n/a	n/a
0.157 x 0.079	(4 x 2)	stock	stock	n/a	n/a	n/a	n/a
0.157 x 0.094	(4 x 2.4)	poa	poa	n/a	n/a	n/a	n/a
0.188 x 0.125	(4.8 x 3.2)	poa	stock	n/a	n/a	n/a	n/a
0.197 x 0.118	(5 x 3)	stock	stock	n/a	n/a	n/a	n/a
0.236 x 0.118	(6 x 3)	stock	poa	n/a	n/a	n/a	n/a
0.236 x 0.157	(6 x 4)	stock	stock	n/a	n/a	n/a	n/a
0.250 x 0.063	(6.4 x 1.6)	poa	stock	n/a	n/a	n/a	n/a
0.250 x 0.125	(6.4 x 3.2)	stock	poa	n/a	n/a	n/a	n/a
0.250 x 0.157	(6.4 x 4)	stock	poa	n/a	n/a	n/a	n/a
0.250 x 0.188	(6.4 x 4.8)	stock	stock	n/a	n/a	n/a	n/a
0.276 x 0.157	(7 x 4)	stock	stock	n/a	n/a	n/a	n/a
0.276 x 0.197	(7 x 5)	stock	poa				
0.315 x 0.189	(8 x 4.8)	poa	stock	n/a	n/a	n/a	n/a
0.315 x 0.197	(8 x 5)	stock	stock	n/a	n/a	n/a	n/a
0.331 x 0.189	( 8.4 x 4.8 )	poa	poa	n/a	n/a	n/a	n/a
0.354 x 0.236	(9 x 6)	stock	stock	n/a	n/a	n/a	n/a
0.375 x 0.189	(9.6 x 4.8)	poa	stock	n/a	n/a	n/a	n/a
0.375 x 0.250	(9.6 x 6.4)	stock	stock	n/a	n/a	n/a	n/a
0.394 x 0.236	(10 x 6)	stock	poa	poa	poa	poa	poa
0.394 x 0.276	(10 x 7)	stock	stock	poa	poa	poa	poa
0.433 x 0.276	(11 x 7)	stock	stock	poa	poa	poa	poa
0.433 x 0.315	(11 x 8)	poa	poa	poa	poa	poa	poa
0.450 x 0.315	(11.5 x 8)	poa	stock	poa	poa	poa	poa
0.472 x 0.236	(12 x 6)	stock	poa	poa	poa	poa	poa
0.472 x 0.315	(12 x 8)	stock	stock	poa	poa	poa	poa
0.472 x 0.355	(12 x 9)	stock	poa	poa	poa	poa	poa
0.500 x 0.250	(12.7 x 6.4)	stock	stock	poa	poa	poa	poa
0.500 x 0.350	(12.7 x 8.9)	poa	poa	poa	poa	poa	poa
0.500 x 0.375	(12.7 x 9.5)	stock	stock	poa	poa	poa	poa
0.512 x 0.236	(13 x 6)	poa	poa	poa	poa	poa	poa
0.551 x 0.394	(14 x 10)	stock	stock	poa	poa	poa	poa
0.591 x 0.276	(15 x 7)	poa	poa	stock	poa	poa	poa
0.591 x 0.355	(15 x 9)	poa	poa	poa	poa	poa	stock
0.591 x 0.394	(15 x 10)	stock	poa	poa	poa	poa	poa
0.591 x 0.433	(15 x 11)	stock	stock	poa	poa	poa	poa
0.625 x 0.500	( 15.9 x 12.7 )	poa	poa	poa	poa	poa	poa
0.630 x 0.394	(16 x 10)	poa	poa	poa	stock	stock	poa
0.630 x 0.472	(16 x 12)	stock	stock	poa	poa	poa	poa
0.669 x 0.472	(17 x 12)	stock	poa	poa	poa	poa	poa
0.669 x 0.512	(17 x 13)	poa	stock	poa	poa	poa	poa
0.688 x 0.437	(17.5 x 11.1)	stock	stock	poa	poa	poa	poa
0.709 x 0.472	(18 x 12)	poa	poa	stock	poa	poa	poa
0.709 x 0.551	(18 x 14)	poa	stock	poa	poa	poa	poa
0.750 x 0.512	(19.1 x 13)	stock	stock	poa	poa	poa	poa
0.750 x 0.591	(19.1 x 15)	poa	stock	poa	poa	poa	poa
0.750 x 0.500	(19.1 x 12.7)	stock	stock	poa	poa	poa	poa
0.750 x 0.626	( 19.1 x 15.9 )	poa	poa	poa	poa	poa	poa

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		<b>Materials</b>					
<b>OD x ID (inches)</b>	<b>OD x ID (mm)</b>	<b>EA998</b>	<b>EM60</b>	<b>EM60P</b>	<b>EM80P</b>	<b>EC70P</b>	<b>EC90P</b>
0.787 x 0.472	(20 x 12)	poa	poa	stock	stock	stock	poa
0.787 x 0.591	(20 x 15)	stock	stock	poa	poa	poa	poa
0.866 x 0.591	(22 x 15)	poa	stock	poa	stock	poa	poa
0.866 x 0.630	(22 x 16)	stock	poa	stock	poa	poa	poa
0.866 x 0.669	(22 x 17)	stock	poa	poa	poa	poa	poa
0.866 x 0.709	(22 x 18)	poa	stock	poa	poa	poa	poa
0.906 x 0.512	(23 x 13)	poa	poa	stock	poa	poa	poa
0.906 x 0.591	( 23 x 15 )	poa	poa	poa	poa	poa	stock
0.906 x 0.669	(23 x 17)	poa	poa	poa	stock	stock	poa
0.945 x 0.709	(24 x 18)	stock	poa	poa	poa	poa	poa
0.945 x 0.748	(24 x 19)	poa	stock	poa	poa	poa	poa
0.984 x 0.472	(25 x 12)	poa	poa	stock	poa	poa	poa
0.984 x 0.591	(25 x 15)	poa	poa	stock	poa	poa	poa
0.984 x 0.709	(25 x 18)	poa	poa	stock	poa	poa	poa
1.000 x 0.750	(25.4 x 19.1)	stock	stock	poa	poa	poa	poa
1.024 x 0.709	(26 x 18)	poa	poa	poa	stock	stock	stock
1.024 x 0.787	(26 x 20)	poa	stock	poa	poa	poa	poa
1.063 x 0.669	(27 x 17)	stock	poa	poa	poa	poa	poa
1.063 x 0.787	(27 x 20)	stock	poa	poa	poa	poa	poa
1.063 x 0.827	( 27 x 21 )	poa	poa	poa	poa	poa	poa
1.102 x 0.787	(28 x 20)	poa	stock	poa	poa	poa	poa
1.102 x 0.906	(28 x 23)	poa	stock	poa	poa	poa	poa
1.126 x 0.886	( 28.6 x 22.5 )	stock	poa	poa	poa	poa	poa
1.181 x 0.787	(30 x 20)	poa	poa	stock	stock	poa	poa
1.181 x 0.827	(30 x 21)	stock	poa	poa	poa	poa	poa
1.181 x 0.866	(30 x 22)	poa	poa	poa	stock	stock	stock
1.181 x 0.906	(30 x 23)	stock	stock	poa	poa	poa	poa
1.181 x 0.984	(30 x 25)	poa	stock	poa	poa	poa	poa
1.260 x 0.984	(32 x 25)	stock	poa	poa	poa	poa	poa
1.260 x 1.024	(32 x 26)	poa	stock	poa	poa	poa	poa
1.299 x 1.102	(33 x 28)	poa	stock	poa	poa	poa	poa
1.375 x 1.125	(34.9 x 28.6)	stock	poa	poa	poa	poa	poa
1.378 x 0.984	(35 x 25)	poa	poa	stock	poa	poa	poa
1.378 x 1.024	(35 x 26)	poa	poa	poa	stock	poa	stock
1.378 x 1.063	(35 x 27)	stock	poa	poa	poa	poa	poa
1.378 x 1.102	(35 x 28)	poa	poa	poa	stock	stock	poa
1.417 x 1.181	(36 x 30)	poa	stock	poa	poa	poa	poa
1.496 x 1.181	(38 x 30)	stock	stock	poa	poa	poa	poa
1.500 x 1.250	(38.1 x 31.8)	stock	poa	poa	poa	poa	poa
1.575 x 1.181	(40 x 30)	stock	poa	stock	stock	poa	stock
1.575 x 1.260	(40 x 32)	poa	stock	poa	stock	stock	poa
1.654 x 1.339	(42 x 34)	stock	poa	poa	poa	poa	poa
1.693 x 1.457	(43 x 37)	poa	stock	poa	poa	poa	poa
1.772 x 1.378	(45 x 35)	poa	poa	stock	poa	stock	stock
1.750 x 1.500	(44.5 x 38.1)	stock	poa	poa	poa	poa	poa
1.811 x 1.496	(46 x 38)	stock	poa	poa	poa	poa	poa
1.811 x 1.575	(46 x 40)	poa	stock	poa	poa	poa	poa
1.875 x 1.625	(47.6 x 41.3)	stock	poa	poa	poa	poa	poa
1.890 x 1.575	(48 x 40)	poa	stock	poa	poa	poa	poa
1.969 x 1.575	(50 x 40)	stock	stock	stock	stock	stock	stock
1.969 x 1.654	(50 x 42)	poa	stock	poa	poa	poa	poa
2.000 x 1.575	(50.8 x 40)	stock	stock	poa	poa	poa	poa
2.000 x 1.654	(50.8 x 42)	poa	poa	poa	poa	poa	poa
2.000 x 1.750	(50.8 x 44.5)	stock	poa	poa	poa	poa	poa
2.126 x 1.811	(54 x 46)	poa	stock	poa	poa	poa	poa
2.165 x 1.772	(55 x 45)	poa	poa	stock	poa	poa	stock
2.250 x 2.000	(57.2 x 50.8)	stock	poa	poa	poa	poa	poa
2.283 x 1.890	(58 x 48)	stock	poa	poa	poa	poa	poa
2.362 x 1.890	(60 x 48)	poa	poa	stock	poa	poa	stock
2.362 x 1.969	(60 x 50)	stock	stock	poa	stock	stock	poa
2.362 x 2.000	(60 x 50.8)	poa	poa	poa	poa	poa	poa
2.500 x 2.250	(63.5 x 57.2)	stock	poa	poa	poa	poa	poa

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		Materials					
OD x ID (inches)	OD x ID (mm)	EA998	EM60	EM60P	EM80P	EC70P	EC90P
2.559 x 2.165	(65 x 55)	stock	poa	poa	stock	stock	poa
2.598 x 2.205	(66 x 56)	poa	stock	poa	poa	poa	poa
2.750 x 2.500	(69.9 x 63.5)	stock	poa	poa	poa	poa	poa
2.756 x 2.205	(70 x 56)	poa	poa	poa	poa	poa	stock
2.756 x 2.362	(70 x 60)	stock	stock	poa	stock	stock	poa
2.956 x 2.362	(75 x 60)	poa	poa	poa	poa	poa	stock
2.956 x 2.561	(75 x 65)	stock	stock	poa	stock	poa	poa
3.000 x 2.750	(76 x 70)	stock	poa	poa	poa	poa	poa
3.150 x 2.598	(80 x 66)	poa	poa	poa	poa	poa	stock
3.150 x 2.675	(80 x 68)	stock	poa	poa	poa	poa	poa
3.150 x 2.756	(80 x 70)	poa	stock	poa	stock	stock	poa
3.346 x 2.953	(85 x 75)	poa	poa	poa	stock	poa	poa
3.386 x 2.953	(86 x 75)	stock	poa	poa	poa	poa	poa
3.500 x 3.125	(89 x 79.5)	stock	poa	poa	poa	poa	poa
3.500 x 3.250	(89 x 82.5)	stock	poa	poa	poa	poa	poa
3.543 x 2.992	(90 x 76)	poa	stock	poa	poa	poa	poa
3.740 x 3.150	(95 x 80)	poa	stock	poa	stock	stock	stock
3.740 x 3.346	(95 x 85)	poa	poa	poa	poa	poa	poa
3.937 x 3.346	(100 x 85)	poa	poa	poa	poa	poa	poa
3.937 x 3.465	(100 x 88)	poa	poa	poa	poa	poa	poa
4.000 x 3.650	(101.5 x 93)	poa	poa	poa	poa	poa	poa
4.016 x 3.622	(102 x 92)	poa	poa	poa	poa	poa	poa
4.134 x 3.543	(105 x 90)	poa	poa	poa	poa	poa	poa
4.252 x 3.858	(108 x 98)	poa	poa	poa	poa	poa	poa
4.331 x 3.543	(110 x 90)	poa	poa	poa	poa	poa	poa
4.500 x 4.125	(114.5 x 105)	poa	poa	poa	poa	poa	poa
4.528 x 3.937	(115 x 100)	poa	poa	poa	poa	poa	poa
4.724 x 3.937	(120x100)	poa	poa	poa	poa	poa	poa
5.118 x 4.331	(130x110)	poa	poa	poa	poa	poa	poa
5.512 x 4.724	(140x120)	poa	poa	poa	poa	poa	poa
5.906 x 5.118	(150x130)	poa	poa	poa	poa	poa	poa
6.299 x 5.512	(160x140)	poa	poa	poa	poa	poa	poa
6.693 x 5.906	(170x150)	poa	poa	poa	poa	poa	poa
7.087 x 6.299	(180x160)	poa	poa	poa	poa	poa	poa
7.480 x 6.693	(190x170)	poa	poa	poa	poa	poa	poa
7.874 x 7.087	(200x180)	poa	poa	poa	poa	poa	poa
8.268 x 7.480	(210x190)	poa	poa	poa	poa	poa	poa
8.661 x 7.874	(220x200)	poa	poa	poa	poa	poa	poa
9.055 x 8.268	(230x210)	poa	poa	poa	poa	poa	poa
9.449 x 8.661	(240x220)	poa	poa	poa	poa	poa	poa
9.843 x 9.055	(250x230)	poa	poa	poa	poa	poa	poa
10.236 x 9.449	(260x240)	poa	poa	poa	poa	poa	poa
10.827 x 9.843	(275x250)	poa	poa	poa	poa	poa	poa
11.024 x 10.236	(280x260)	poa	poa	poa	poa	poa	poa
11.811 x 11.024	(300x280)	poa	poa	poa	poa	poa	poa
12.205 x 11.417	(310x290)	poa	poa	poa	poa	poa	poa
12.598 x 11.811	(320x300)	poa	poa	poa	poa	poa	poa
14.961 x 13.780	(380x350)	poa	poa	poa	poa	poa	poa
16.732 x 15.748	(425x400)	poa	poa	poa	poa	poa	poa
18.898 x 17.717	(480x450)	poa	poa	poa	poa	poa	poa
20.866 x 19.685	(530x500)	poa	poa	poa	poa	poa	poa

**KEY**

**Stock** = Standard size tubes normally available from stock dependent on length required

**poa** = Price and availability on application - Some sizes may be subject to a minimum production run

**n/a** =Not generally available but may be possible in large volume

Zirconia & other rare earth material sizes are available on request at [enquiries@earthwaterfire.com](mailto:enquiries@earthwaterfire.com)

If you do not see the item you need – please enquire at [enquiries@earthwaterfire.com](mailto:enquiries@earthwaterfire.com)