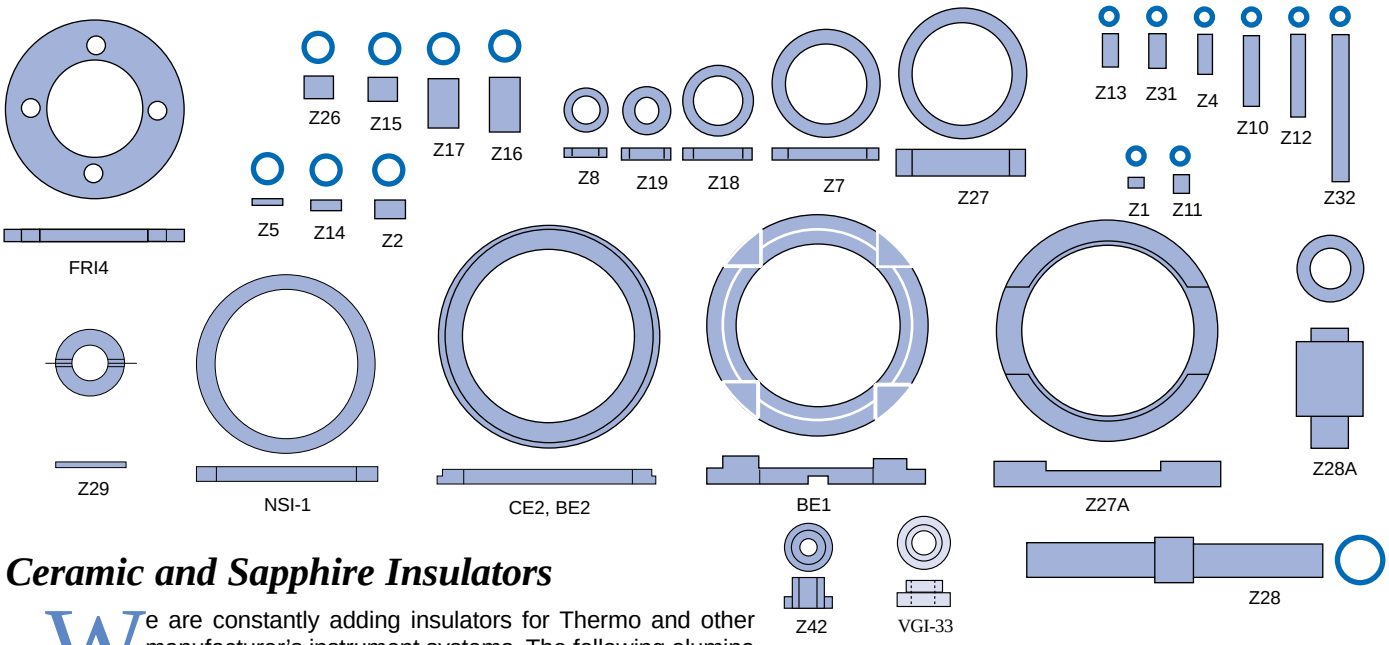

Scale Drawing of Thermo Ceramic Insulators

Ceramic and Sapphire Insulators

We are constantly adding insulators for Thermo and other manufacturer's instrument systems. The following alumina insulators are currently available. If other sizes and/or types are required, please give us a call or send an old or damaged unit, and we will see if we can supply it. All listed insulators are constructed from a high quality aluminum oxide ceramic, unless otherwise noted. Additional ceramic and sapphire insulators are listed in the ceramics section of this catalog.

Part No.	Thermo #	Description	O.D.	I.D.	Thick.	Price ea.	10 or more/ea.
Z1	04002-20170	Ceramic Insulator	.087"	.063"	.065"		
Z11	04002-20160	Ceramic Insulator	.087"	.063"	.095"		
Z9	30004-20030	Ceramic Insulator	.087"	.063"	.0125"		
Z13	01554-20040	Ceramic Insulator	.087"	.063"	.160"		
Z31	55000-20014	Ceramic Bushing	.087"	.063"	.175"		
Z4	40004-20390	Ceramic Insulator	.087"	.063"	.200"		
Z10	30004-20040	Ceramic Insulator	.087"	.063"	.360"		
Z12	01554-20030	Ceramic Insulator	.087"	.063"	.425"		
Z32	55000-20065	Ceramic Bushing	.087"	.063"	.760"		
R4	00301-20104	Alumina Tube	.100"	.050"	2.31"		
R1	00301-20100	Alumina Tube	.100"	.050"	4.00"		
R2	00301-20200	Alumina Tube	.100"	.050"	5.00"		
Z5	07504-21108	Sapphire Spacer	.156"	.094"	.030"		
Z14	40004-20460	Ceramic Insulator	.156"	.095"	.050"		
Z2	40004-20730	Ceramic Insulator	.156"	.090"	.088"		
Z26	30004-20020	Ceramic Insulator	.156"	.093"	.100"		
Z15	40004-20430	Ceramic Insulator	.156"	.095"	.117"		
Z17	30004-20010	Ceramic Insulator.	156"	.095"	.250"		
Z16	40004-20340	Ceramic Insulator	.156"	.095"	.280"		
Z8	40004-20440	Ceramic Insulator	.230"	.140"	.035"		
Z42	94022-20012	Ceramic Bushing, ITD	.250"	.090"	.160"		
Z19	01554-20020	Ceramic Insulator	.250"	.125"	.064"		
Z18	01554-20010	Ceramic Insulator	.365"	.250"	.064"		
Z7	40004-20510	L1 Ceramic Spacer	.560"	.406"	.030"		
Z27		Ceramic Gate Insulator (Ion Trap)	.683"	.530"	.120"		
NSI1	40004-20710	Thermo 4000 Sapphire	.935"	.750"	.031"		
BE2	40005-20070	Beryllium Oxide Ceramic	1.15"	.895"	.078"		
CE2	40005-20070	Aluminum Oxide	1.15"	.895"	.078"		
BE1	40005-20060	Beryllium Oxide Lens Castle for Thermo 4500 Source					
FRI4	40004-20400	Source End Insulator Ring for Thermo 4000 Source					
Z28	94011-20112	Position Pin Insulator					
Z29	94011-20133	ITD Electrode Spacer					
Z27A	94011-20008	Gate Insulator	.683"	.526"	.120"		
Z28A	94011-20171	Position Pin					
VGI33	Co46M	Alumina Ceramic Insulator					

*When "Thermo" is indicated, it is intended to imply "Thermo Fisher Scientific Corp"