



Single Element Standard Size List



O.D. (in.)	Part Number	ANSI Calibration	Insulation (Min. Purity)	Sheath Material	Nom. Wall Thickness (in.)	Nom. B&S Wire ga.	Max. Operating Temp. (°F)	Max. Stock Length (ft.)
.020 ±.001	MTC00001	J	99.4% MgO	Alloy 600	.003	39	1500	50
	MTC00002	K	99.4% MgO	Alloy 600	.003	39	1650	50
	MTC00003	J	99.4% MgO	304	.003	39	1500	50
	MTC00004	K	99.4% MgO	304	.003	39	1650	50
.032 ±.001	MTC00005	J	99.4% MgO	Alloy 600	.005	36	1500	150
	MTC00006	K	99.4% MgO	Alloy 600	.005	36	1800	150
	MTC00007	J	99.4% MgO	304	.005	36	1500	150
	MTC00008	K	99.4% MgO	304	.005	36	1650	150
.040 ±.001	MTC00009	J	99.4% MgO	Alloy 600	.006	33	1500	175
	MTC00010	K	99.4% MgO	Alloy 600	.006	33	2000	175
	MTC00011	J	99.4% MgO	304	.006	33	1500	175
	MTC00012	K	99.4% MgO	304	.006	33	1650	175
	MTC00013	E	99.4% MgO	304	.006	33	1600	175
	MTC00014	T	99.4% MgO	304	.006	33	650	175
	MTC00015	J	99.4% MgO	316	.006	33	1500	175
	MTC00016	K	99.4% MgO	316	.006	33	1650	175
.062 ±.001	MTC00017	J	96.0% MgO	Alloy 600	.008	30	1500	500
	MTC00018	J	99.4% MgO	Alloy 600	.008	30	1500	500
	MTC00019	K	96.0% MgO	Alloy 600	.008	30	2000	500
	MTC00020	K	99.4% MgO	Alloy 600	.008	30	2000	500
	MTC00021	J	96.0% MgO	304	.008	30	1500	500
	MTC00022	J	99.4% MgO	304	.008	30	1500	500
	MTC00023	K	96.0% MgO	304	.008	30	1650	500
	MTC00024	K	99.4% MgO	304	.008	30	1650	500
	MTC00025	E	96.0% MgO	304	.008	30	1600	500
	MTC00026	T	99.4% MgO	304	.008	30	650	500
	MTC00027	J	96.0% MgO	316	.008	30	1500	500
	MTC00028	J	99.4% MgO	316	.008	30	1500	500
MTC00029	K	96.0% MgO	316	.008	30	1650	500	
MTC00030	K	99.4% MgO	316	.008	30	1650	500	
.093 ±.002	MTC00031	J	96.0% MgO	Alloy 600	.010	27	1500	450
	MTC00032	J	99.4% MgO	Alloy 600	.010	27	1500	450
	MTC00033	K	96.0% MgO	Alloy 600	.010	27	2000	450
	MTC00034	K	99.4% MgO	Alloy 600	.010	27	2150	450
	MTC00035	J	96.0% MgO	304	.010	27	1500	450
	MTC00036	J	99.4% MgO	304	.010	27	1500	450
	MTC00037	K	96.0% MgO	304	.010	27	1650	450
	MTC00038	K	99.4% MgO	304	.010	27	1650	450
.125 ±.002	MTC00039	J	96.0% MgO	Alloy 600	.014	24	1500	250
	MTC00040	J	99.4% MgO	Alloy 600	.014	24	1500	250
	MTC00041	K	96.0% MgO	Alloy 600	.014	24	2000	250
	MTC00042	K	99.4% MgO	Alloy 600	.014	24	2150	250
	MTC00043	J	96.0% MgO	304	.014	24	1500	250
	MTC00044	J	99.4% MgO	304	.014	24	1500	250
	MTC00045	K	96.0% MgO	304	.014	24	1650	250
	MTC00046	K	99.4% MgO	304	.014	24	1650	250
	MTC00047	E	96.0% MgO	304	.014	24	1600	250
	MTC00048	T	96.0% MgO	304	.014	24	650	250
	MTC00049	J	96.0% MgO	316	.014	24	1500	250
	MTC00050	J	99.4% MgO	316	.014	24	1500	250
	MTC00051	K	96.0% MgO	316	.014	24	1650	250
	MTC00052	K	99.4% MgO	316	.014	24	1650	250
	MTC00053	E	96.0% MgO	316	.014	24	1600	250
	MTC00054	T	96.0% MgO	316	.014	24	650	250
	MTC00055	J	96.0% MgO	310	.014	24	1500	250
	MTC00056	K	96.0% MgO	310	.014	24	2000	250
MTC00057	R	99.4% MgO	Alloy 600	.020	24	2150	250	
MTC00058	S	99.4% MgO	Alloy 600	.020	24	2150	250	

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