FERRITE TOROIDAL CORES

MATERIAL 43								Permeability 800
Core number		O.D. (inches)	I.D. (inches)	Hgt. (inches)	ℓ_e (cm)	A_e $(cm)^2$	V_e $(cm)^3$	A_L Value mh/1000 turns
FT-23	-43	.230	.120	.060	1.30	.020	.027	158
FT-37	-43	.375	.187	.125	2.07	.072	.150	350
FT-50	-43	.500	.281	.188	2.95	.129	.380	440
FT-50A	-43	.500	.312	.250	3.12	.150	.470	480
FT-50B	-43	.500	.312	.500	3.12	.299	.930	965
FT-82	-43	.825	.520	.250	5.20	.243	1.260	470
FT-114	-43	1.142	.748	.295	7.30	.370	2.700	510
FT-140	-43	1.400	.900	.500	8.90	.790	7.000	885
FT-240	-43	2.400	1.400	.500	14.50	1.580	22.800	1075

MATERIAL 61								Permeability 125
Core number		O.D. (inches)	I.D. (inches)	Hgt. (inches)	ℓ_e (cm)	A_e $(cm)^2$	V_e $(cm)^3$	A_L Value mh/1000 turns
FT-23	-61	.230	.120	.060	1.34	.020	.029	24.8
FT-37	-61	.375	.187	.125	2.15	.076	.163	55.3
FT-50	-61	.500	.281	.188	3.02	.133	.401	69.0
FT-50A	-61	.500	.312	.250	3.68	.152	.559	75.0
FT-50B	-61	.500	.312	.500	3.18	.303	.963	150.0
FT-82	-61	.825	.516	.250	5.26	.246	1.290	75.0
FT-114	-61	1.142	.750	.295	7.42	.375	2.790	80.0
FT-114A	-61	1.142	.750	.545	7.42	.690	5.130	145.0
FT-140	-61	1.400	.900	.500	9.02	.806	7.280	140.0
FT-240	-61	2.400	1.400	.500	14.80	1.610	23.900	171.0

MATERIAL 67								Permeability 40
Core number		O.D. (inches)	I.D. (inches)	Hgt. (inches)	ℓ_e (cm)	A_e $(cm)^2$	V_e $(cm)^3$	A_L Value mh/1000 turns
FT-23	-67	.230	.120	.060	1.34	.021	.029	6.0 Min
FT-37	-67	.375	.187	.125	2.15	.076	.163	18.0
FT-50	-67	.500	.281	.188	3.02	.133	.401	22.0
FT-50A	-67	.500	.312	.250	3.68	.152	.559	24.0
FT-50B	-67	.500	.312	.500	3.18	.303	.963	48.0
FT-82	-67	.825	.516	.250	5.26	.246	1.290	24.0
FT-114	-67	1.142	.750	.295	7.42	.375	2.790	25.4
FT-140	-67	1.400	.900	.500	9.02	.806	7.280	45.0
FT-240	-67	2.400	1.400	.500	14.80	1.610	23.900	55.0

MATERIAL 68								Permeability 20
Core number		O.D. (inches)	I.D. (inches)	Hgt. (inches)	ℓ_e (cm)	A_e $(cm)^2$	V_e $(cm)^3$	A_L Value mh/1000 turns
FT-23	-68	.230	.120	.060	1.34	.021	.029	4.0
FT-37	-68	.375	.187	.125	2.15	.076	.163	8.8
FT-50	-68	.500	.281	.188	3.02	.133	.401	11.0
FT-50A	-68	.500	.312	.250	3.68	.152	.559	12.0
FT-82	-68	.825	.520	.250	5.26	.246	1.290	11.7
FT-114	-68	1.142	.750	.295	7.42	.375	2.790	12.7