

FERRITE TOROIDAL CORES

Physical Dimensions - Ferrite Toroids							
Core Size	OD (inches)	ID (inches)	Hgt (inches)	Mean length (cm)	Cross Sect (cm ²)	Volume (cm ³)	
FT-23	.230	.120	.060	1.34	.021	.029	
FT-37	.375	.187	.125	2.15	.076	.163	
FT-50	.500	.281	.188	3.02	.133	.401	
FT-50 -A	.500	.312	.250	3.68	.152	.559	
FT-50 -B	.500	.312	.500	3.18	.303	.963	
FT-82	.825	.520	.250	5.26	.246	1.294	
FT-87	.870	.540	.250	5.41	.261	1.414	
FT-87 -A	.870	.540	.500	5.42	.315	1.710	
FT-114	1.142	.750	.295	7.42	.375	2.783	
FT-114-A	1.142	.750	.545	7.42	.690	5.120	
FT-140	1.400	.900	.500	9.02	.806	7.270	
FT-140A	1.400	.900	.590	9.00	.810	7.300	
FT-150	1.500	.750	.250	8.30	.591	4.905	
FT-150-A	1.500	.750	.500	8.30	1.110	9.213	
FT-193	1.932	1.250	.625	12.31	1.360	16.742	
FT-193-A	1.932	1.250	.750	12.31	1.620	19.942	
FT-240	2.400	1.400	.500	14.40	1.570	22.608	

A _L Values (mH/1000 turns) - Ferrite Toroids										
For complete part number add mix number to core size below										
Material > core size	43 μ=850	61 μ=125	63 μ=40	67 μ=40	68 μ=20	75 μ=5000	77 μ=2000	F μ=3000	J μ=5000	
FT-23 ()	188	24.8	7.9	7.8	4.0	990	356	NA	NA	
FT-37 ()	420	55.3	17.7	17.7	8.8	2210	796	NA	NA	
FT-50 ()	523	68.0	22.0	22.0	11.0	2750	990	NA	NA	
FT-50A- ()	570	75.0	24.0	24.0	12.0	2990	1080	NA	NA	
FT-50B- ()	1140	150.0	48.0	48.0	12.0	NA	2160	NA	NA	
FT-82 ()	557	73.3	22.4	22.4	11.7	3020	1060	NA	NA	
FT-87 ()	NA	NA	NA	NA	NA	NA	NA	180	3020	
FT-87A- ()	NA	NA	NA	NA	NA	NA	NA	3700	6040	
FT-114 ()	603	79.3	25.4	25.4	12.7	3170	1140	1902	3170	
FT-114A ()	NA	146.0	NA	NA	NA	NA	NA	NA	NA	
FT-140- ()	952	140.0	45.0	45.0	NA	6736	2340	NA	6736	
FT-150- ()	NA	NA	NA	NA	NA	NA	NA	2640	* 4400	
FT-150A ()	NA	NA	NA	NA	NA	NA	NA	5020	8370	
FT-193- ()	NA	NA	NA	NA	NA	NA	NA	* 3640	* 6065	
FT-193A ()	NA	NA	NA	NA	NA	NA	NA	4460	7435	
FT-240 ()	1240	173.0	53.0	53.0	NA	6845	3130	NA	6845	