

# IRON POWDER TOROIDAL CORES (For Resonant Circuits)

MATERIAL 2		Permeability 10		Freq. Range 2 MHz - 30 MHz			Color - Red	
Core number	O.D. (inches)	I.D. (inches)	Hgt. (inches)	$l_e$ (cm)	$A_e$ (cm) <sup>2</sup>	$V_e$ (cm) <sup>3</sup>	$A_L$ Value $\mu$ h/100 turns	
T-12-2	.125	.062	.050	.74	.010	.007	20	
T-16-2	.160	.078	.060	.95	.016	.015	22	
T-20-2	.200	.088	.070	1.15	.025	.029	25	
T-25-2	.255	.120	.096	1.50	.042	.063	34	
T-30-2	.307	.151	.128	1.83	.065	.119	43	
T-37-2	.375	.205	.128	2.32	.070	.162	40	
T-44-2	.440	.229	.159	2.67	.107	.286	52	
T-50-2	.500	.303	.190	3.03	.121	.367	49	
T-68-2	.690	.370	.190	4.24	.196	.831	57	
T-80-2	.795	.495	.250	5.15	.242	1.246	55	
T-94-2	.942	.560	.312	6.00	.385	2.310	84	
T-106-2	1.060	.570	.437	6.50	.690	4.485	135	
T-130-2	1.300	.780	.437	8.29	.730	6.052	110	
T-157-2	1.570	.950	.570	10.05	1.140	11.457	140	
T-184-2	1.840	.950	.710	11.12	2.040	22.685	240	
T-200-2	2.000	1.250	.550	12.97	1.330	17.250	120	
T-200A-2	2.000	1.250	1.000	12.97	2.240	29.050	218	
T-225-2	2.250	1.405	.550	14.56	1.508	21.956	120	
T-225A-2	2.250	1.485	1.000	14.56	2.730	39.749	215	
T-300-2	3.058	1.925	.500	19.83	1.810	35.892	114	
T-300A-2	3.048	1.925	1.000	19.83	3.580	70.991	228	
T-400-2	4.000	2.250	.650	24.93	3.660	91.244	180	
T-400A-2	4.000	2.250	1.300	24.93	7.432	185.280	360	
T-520-2	5.200	3.080	.800	33.16	5.460	181.000	207	

MATERIAL 3		Permeability 35		Freq. Range 0.05 MHz - 0.5 MHz			Color - Gray	
Core number	O.D. (inches)	I.D. (inches)	Hgt. (inches)	$l_e$ (cm)	$A_e$ (cm) <sup>2</sup>	$V_e$ (cm) <sup>3</sup>	$A_L$ Value $\mu$ h/100 turns	
T-12-3	.125	.062	.050	.74	.010	.007	60	
T-16-3	.160	.078	.060	.95	.016	.015	61	
T-20-3	.200	.088	.070	1.15	.025	.029	76	
T-25-3	.255	.120	.096	1.50	.042	.063	100	
T-30-3	.307	.151	.128	1.83	.065	.119	140	
T-37-3	.375	.205	.128	2.32	.070	.162	120	
T-44-3	.440	.229	.159	2.67	.107	.286	180	
T-50-3	.500	.303	.190	3.03	.121	.367	175	
T-68-3	.690	.370	.190	4.24	.196	.831	195	
T-80-3	.795	.495	.250	5.15	.242	1.246	180	
T-94-3	.942	.560	.312	6.00	.385	2.310	248	
T-106-3	1.060	.570	.437	6.50	.690	4.485	450	
T-130-3	1.300	.780	.437	8.29	.730	6.052	350	
T-157-3	1.570	.950	.570	10.05	1.140	11.457	420	
T-184-3	1.840	.950	.710	11.12	2.040	22.685	720	
T-200-3	2.000	1.250	.550	12.97	1.330	17.250	425	
T-200A-3	2.000	1.250	1.000	12.97	2.240	29.050	460	
T-225-3	2.250	1.405	.550	14.56	1.508	21.956	425	

Orders placed are shipped same day from stock.