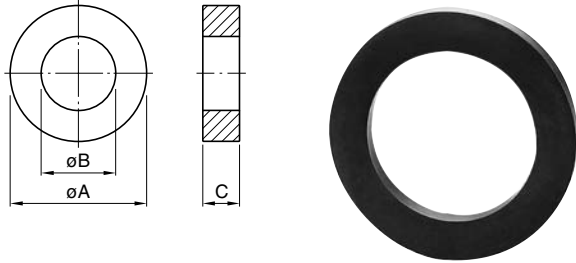


Large Size Ferrite Cores for High Power

T Series

T CORE

CORE SHAPES AND DIMENSIONS/CHARACTERISTICS



PRODUCT IDENTIFICATION

PE22 T 51 × 13 × 31
 (1) (2) (3) (4) (5)

- (1) Material name
- (2) Shape
- (3) Dimension A
- (4) Dimension C
- (5) Dimension B

Part No.	AL*1(nH/N ²) ±25%	Dimensions (mm)			Core factor		A _e (mm ²)	ℓ _e (mm)	V _e (mm ³)	Weight (g)
		øA	øB	C	C ₁ (mm ⁻¹)	C ₂ ×10 ⁻² (mm ⁻³)				
PE22 T51×13×31	2330	51.0±1.0	31.0±0.6	13.0±0.5	0.97084	0.76235	127	124	15740	80
PC40 T51×13×31	2980									80
PE90 T51×13×31	2850									82
PE22 T62×13×39	2290	62.5±1.2	39.0±0.8	13.5±0.5	0.98689	0.63377	156	154	23930	121
PC40 T62×13×39	2930									121
PE90 T62×13×39	2800									124
PE22 T72×20×48	2920	72.0±1.5	48.0±0.9	20.0±0.5	0.77481	0.32729	237	183	43420	217
PC40 T72×20×48	3730									217
PE90 T72×20×48	3570									222
PE22 T80×20×50	3380	80.0±1.6	50.0±1.0	20.0±0.5	0.66842	0.22694	295	197	57990	294
PC40 T80×20×50	4320									294
PE90 T80×20×50	4140									300
PE22 T96×20×70	2270	96.0±1.9	70.0±1.4	20.0 ±0.5	0.99464	0.38574	258	256	66130	325
PC40 T96×20×70	2910									325
PE90 T96×20×70	2780									332
PE22 T104×20×80	1890	104.0±2.1	80.0±1.6	20.0±0.5	1.19742	0.50179	239	286	68180	333
PC40 T104×20×80	2410									333
PE90 T104×20×80	2310									340
PE22 T127×20×89	2560	127.0±2.5	89.0±2.0	20.0±0.5	0.88358	0.23498	376	332	124930	619
PC40 T127×20×89	3270									619
PE90 T127×20×89	3130									632
PE22 T151×20×91* ²	3610	151.0±3.0	91.5±1.4	20.0±0.5	0.62714	0.10762	583	365	212950	1088
PC40 T151×20×91* ²	4610									1088
PE90 T151×20×91* ²	4410									1111
PE22 T202×20×70* ²	7630	202.0±4.0	70.0±1.5	20.0±0.5	0.29644	0.02464	1203	357	429080	2710
PC40 T202×20×70* ²	9750									2710
PE90 T202×20×70* ²	9330									2766
PE22 T305×30×207* ²	3720	305.0±6.1	207.0±4.1	30.0±0.5	0.54036	0.03722	1452	785	1138825	5640
PC40 T305×30×207* ²	4883									5640
PE90 T305×30×207* ²	4671									5758

*1 Measuring condition: T=23°C, f=1kHz, H_m=0.4A/m

*2 T151×20×91, T202×20×70 and 305×30×207 are both sides grinding machined products.