

BIG TOROIDAL CORES



Features

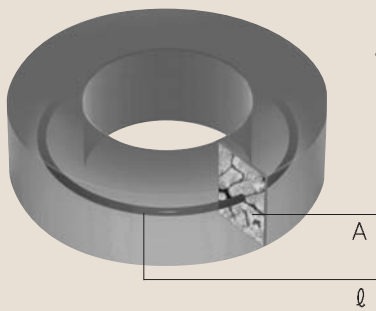
- Excellent DC bias characteristics
- Near zero magnetostriction coefficient constant
- Good temperature stability

Applications

- Power factor correction(PFC) circuits
- Power inductor for large current
- AC Reactor for inverter



Product Identification



CK 16 25 026 E

Epoxy coated

E : Epoxy, C : Plastic case,
U : uncoated

Perm. : 26μ

Available perm
26, 50, 60, 125μ

Height : 25mm

Available HT
13.6mm ~ 40.6mm

OD size : 165mm

Available OD
101.6mm ~ 165.0mm

Mega Flux® Core

CM : MPP, CH : High Flux,
CS : Sendust, CK : Mega Flux®

CSC' big toroidal cores produced by 3000 ton press are ideal for high current applications, especially in UPS, renewable energy(Solar/wind), high power industrial power system. Maximum diameter is 165mm(6.5")OD and electrical characteristics are same as small toroidal cores. CSC cores will be the world's biggest and strongest ones than ever.

Part No.	Before Finish (mm)			After Finish (mm)			Path Length (cm)	Cross Section Area(cm ²)	AL value (nH/N ²)		
	OD(max)	ID(max)	HT(max)	OD(max)	ID(max)	HT(max)			026μ	060μ	125μ
CK1013	101.6	57.2	13.6	103.1	55.7	14.9	24.27	2.972	40	92	192
CK1016	101.6	57.2	16.5	103.1	55.7	17.8	24.27	3.522	48	112	228
CK1027	101.6	57.2	27.2	103.1	55.7	28.5	24.27	5.944	80	184	384
CK1033	101.6	57.2	33.0	103.1	55.7	34.3	24.27	7.044	94	224	456
CK1320	132.5	78.6	20.3	134.2	77	21.7	32.42	5.347	54	124	259
CK1325	132.5	78.6	25.4	134.2	77	26.8	32.42	6.710	68	156	325
CK1333	132.5	78.6	33.0	134.2	77	34.4	32.42	8.717	88	202	422
CK1340	132.5	78.6	40.6	134.2	77	42	32.42	10.694	108	248	518
CK1650	165.0	88.9	25.4	167.2	86.9	27.3	38.65	9.460	80	184	384

※ CS(Sendust Core), CH(High Flux core), CK(Mega Flux® core) and customer specifications are also available.