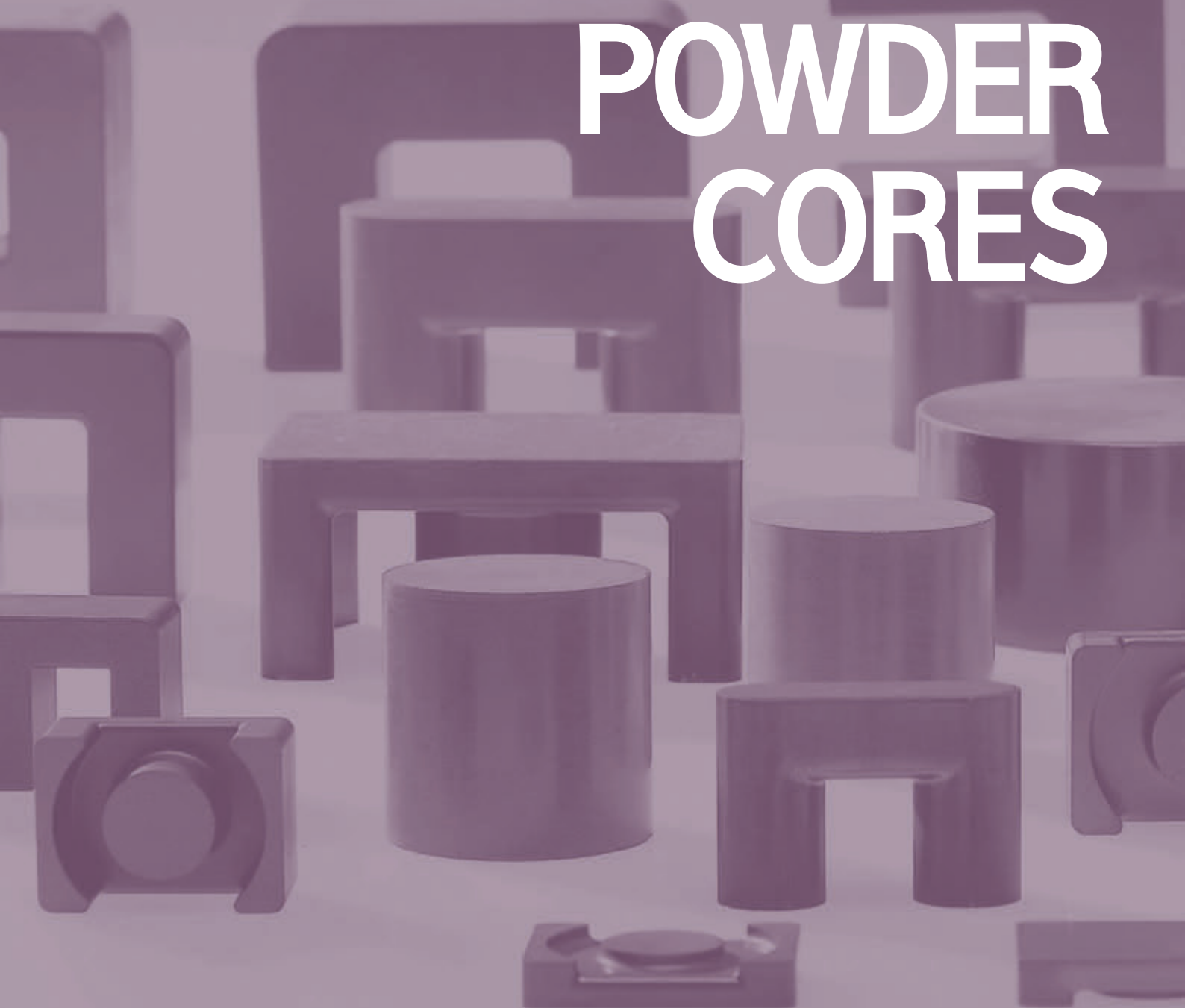
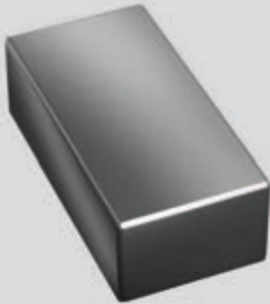


# SPECIAL MAGNETIC POWDER CORES



# BLOCK CORES

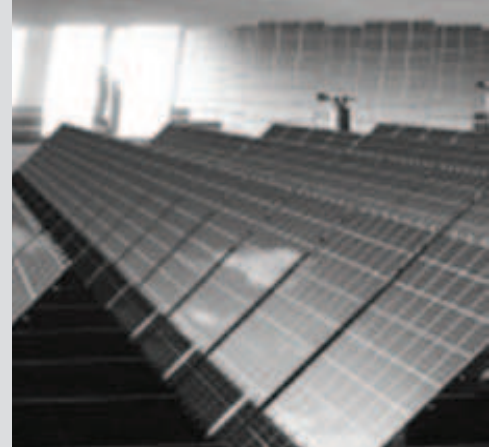


## Features

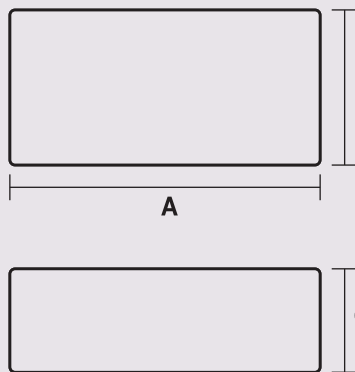
- Large energy storage capacity
- No magnetic flux leakage
- Good temperature stability
- Low core loss at high frequency

## Applications

- High inductance choke coils
- Flyback transformers
- Multiple circuit choke coils
- Output chokes for SMPS



## Product Identification



**BK 6 3 20 - 060**

Permeability : 60 $\mu$

Available perm. 26,40,60 $\mu$

Height : 20mm

Available HT : 15mm ~ 20mm

Width : 30mm

Length : 60mm

Available size : 50mm ~ 90mm

Mega Flux® Block Core

BH : High Flux, BS : Sendust,  
KH : BKH, KS : BKS

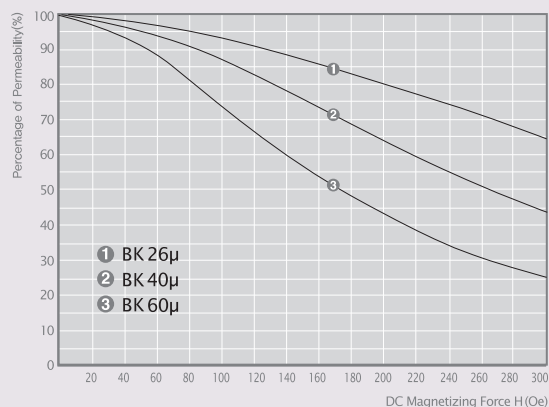
Part No.	Dimensions (mm)			Cross Section Area(cm <sup>2</sup> )
	A Length (mm)	B Width (mm)	C Height (mm)	
BK5315	50.5 ± 0.5	30.3 ± 0.3	15 ± 0.2	4.5
BK5320	50.5 ± 0.5	30.3 ± 0.3	20 ± 0.2	6
BK6315	60.5 ± 0.5	30.3 ± 0.3	15 ± 0.2	4.5
BK6320	60.5 ± 0.5	30.3 ± 0.3	20 ± 0.2	6
BK7315	70.5 ± 0.5	30.3 ± 0.3	15 ± 0.2	4.5
BK7320	70.5 ± 0.5	30.3 ± 0.3	20 ± 0.2	6
BK8315	80.5 ± 0.5	30.3 ± 0.3	15 ± 0.2	4.5
BK8320	80.5 ± 0.5	30.3 ± 0.3	20 ± 0.2	6
BK9315	90.5 ± 0.5	30.3 ± 0.3	15 ± 0.2	4.5
BK9320	90.5 ± 0.5	30.3 ± 0.3	20 ± 0.2	6
BK5020A	50.5 ± 0.5	20.3 ± 0.3	20 ± 0.2	4
BK6020A	60.5 ± 0.5	20.3 ± 0.3	20 ± 0.2	4
BK6020B	60.5 ± 0.5	20.3 ± 0.3	25 ± 0.2	5
BK7020A	70.5 ± 0.5	20.3 ± 0.3	20 ± 0.2	4
BK7020B	70.5 ± 0.5	20.3 ± 0.3	25 ± 0.2	5
BK8020A	80.5 ± 0.5	20.3 ± 0.3	20 ± 0.2	4
BK8020B	80.5 ± 0.5	20.3 ± 0.3	25 ± 0.2	5

※ BS(Sendust Block Core), BH(High Flux Core) and customized designs are also available.

## ■ BLOCK CORES ASSEMBLY



## ■ Permeability vs DC Bias Curves



Part No.	Dimensions (mm)			Path Length (cm)	Cross Section Area (cm <sup>2</sup> )	4PCS A <sub>L</sub> value (nH/N <sup>2</sup> ) ± 12%		
	A Length (mm)	B Width (mm)	C Height (mm)			026μ	040μ	060μ
BK5315	50.5 ± 0.5	30.3 ± 0.3	15 ± 0.2	18.71	4.5	95	121	181
BK5320	50.5 ± 0.5	30.3 ± 0.3	20 ± 0.2	18.28	6	130	165	247
BK6315	60.5 ± 0.5	30.3 ± 0.3	15 ± 0.2	22.71	4.5	79	100	149
BK6320	60.5 ± 0.5	30.3 ± 0.3	20 ± 0.2	22.28	6	107	135	203
BK7315	70.5 ± 0.5	30.3 ± 0.3	15 ± 0.2	26.71	4.5	67	85	127
BK7320	70.5 ± 0.5	30.3 ± 0.3	20 ± 0.2	26.28	6	91	115	172
BK8315	80.5 ± 0.5	30.3 ± 0.3	15 ± 0.2	30.71	4.5	58	74	110
BK8320	80.5 ± 0.5	30.3 ± 0.3	20 ± 0.2	30.28	6	78	100	149
BK9315	90.5 ± 0.5	30.3 ± 0.3	15 ± 0.2	34.71	4.5	51	65	98
BK9320	90.5 ± 0.5	30.3 ± 0.3	20 ± 0.2	34.28	6	68	88	132
BK5020A	50.5 ± 0.5	20.3 ± 0.3	20 ± 0.2	18.28	4	87	110	165
BK6020A	60.5 ± 0.5	20.3 ± 0.3	20 ± 0.2	22.28	4	74	90	135
BK6020B	60.5 ± 0.5	20.3 ± 0.3	25 ± 0.2	21.85	5	91	115	173
BK7020A	70.5 ± 0.5	20.3 ± 0.3	20 ± 0.2	26.28	4	60	77	115
BK7020B	70.5 ± 0.5	20.3 ± 0.3	25 ± 0.2	25.85	5	77	97	146
BK8020A	80.5 ± 0.5	20.3 ± 0.3	20 ± 0.2	30.28	4	52	66	100
BK8020B	80.5 ± 0.5	20.3 ± 0.3	25 ± 0.2	29.85	5	66	84	126

※ BS(Sendust Block Core), BH(High Flux Core), KH(KH Core), KS(KS Core) and customized designs are also available.

# ELLIPSE CORES



## Features

- Shorter wire length than rectangular posts
- Good DC Bias characteristics
- Larger energy storage capacity
- Low core loss at high frequency

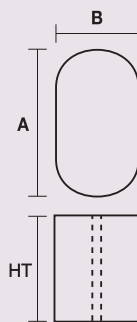
## Applications

- Choke filters for solar cell inverters
- Boost inductors for solar cell inverters



## Product Identification

### • Post



**LK 35 15 A - 060**

Permeability: 60 $\mu$  | Available perm.: 26, 40, 60 $\mu$

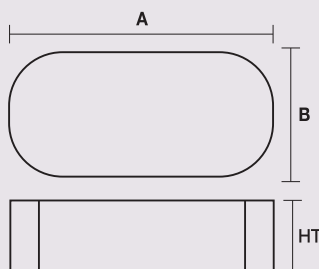
Height(A) : 20mm | Available size : A=20mm B=25mm

Width : 15mm | Available size : 15mm

Length : 35mm | Available size : 35mm

Ellipse Core | LK : Mega Flux

### • Plate



**LK 70 35 A - 060**

Permeability: 60 $\mu$  | Available Perm : 26, 40, 60 $\mu$

Height : 13.5mm | Available Size : A=13.5mm B=18.5mm

Width : 35mm | Available Size : 35mm

Length : 70mm | Available Size : 50 ~ 80 mm

Ellipse Core | LK : Mega Flux

### Post Ellipse Cores

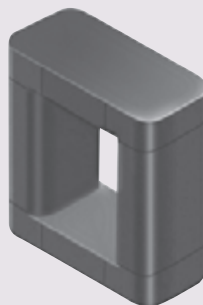
Part No.	Dimensions			
	A Length (mm)	B Width (mm)	RC Radius (mm)	D Height (mm)
LK3515A	35.3 $\pm$ 0.3	15.2 $\pm$ 0.2	7.5 $\pm$ 0.2	20.0 $\pm$ 0.2
LK3515B	35.3 $\pm$ 0.3	15.2 $\pm$ 0.2	7.5 $\pm$ 0.2	25.0 $\pm$ 0.2
LK3520A	35.3 $\pm$ 0.3	20.2 $\pm$ 0.2	7.5 $\pm$ 0.2	20.0 $\pm$ 0.2
LK3520B	35.3 $\pm$ 0.3	20.2 $\pm$ 0.2	7.5 $\pm$ 0.2	25.0 $\pm$ 0.2

### Plate Ellipse Cores

Part No.	Dimensions			
	A Length (mm)	B Width (mm)	RC Radius (mm)	D Height (mm)
LK5035A	50.5 $\pm$ 0.5	35.3 $\pm$ 0.3	7.5 $\pm$ 0.2	13.5 $\pm$ 0.2
LK5035B	50.5 $\pm$ 0.5	35.3 $\pm$ 0.3	7.5 $\pm$ 0.2	18.5 $\pm$ 0.2
LK6035A	60.5 $\pm$ 0.5	35.3 $\pm$ 0.3	7.5 $\pm$ 0.2	13.5 $\pm$ 0.2
LK6035B	60.5 $\pm$ 0.5	35.3 $\pm$ 0.3	7.5 $\pm$ 0.2	18.5 $\pm$ 0.2
LK7035A	70.5 $\pm$ 0.5	35.3 $\pm$ 0.3	7.5 $\pm$ 0.2	13.5 $\pm$ 0.2
LK7035B	70.5 $\pm$ 0.5	35.3 $\pm$ 0.3	7.5 $\pm$ 0.2	18.5 $\pm$ 0.2
LK8035A	80.5 $\pm$ 0.5	35.3 $\pm$ 0.3	7.5 $\pm$ 0.2	13.5 $\pm$ 0.2
LK8035B	80.5 $\pm$ 0.5	35.3 $\pm$ 0.3	7.5 $\pm$ 0.2	18.5 $\pm$ 0.2

※ LS(Sendust Ellipse Core), LH(High Flux Ellipse Core) and customized designs are also available.

## ELLIPSE CORES ASSEMBLY



### Permeability vs DC Bias Curves

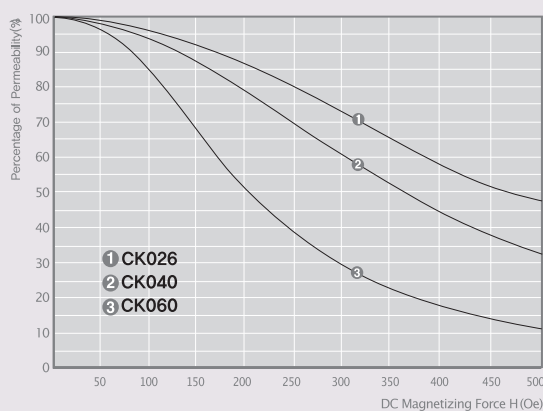


PLATE Part No.	POST		Dimensions					Path Length (cm)	Cross Section Area(cm <sup>2</sup> )	Window Area (cm <sup>2</sup> )	AL value (nH/N <sup>2</sup> ) ± 12%		
	Part No.	1 LEG STACK	A Length (mm)	B Width (mm)	C Height (mm)	D Inner Height (mm)	E Inner Length (mm)				026μ	040μ	060μ
LK5035A	LK3515A	2	50.5±0.5	35.3±0.3	67.0±0.5	40.0±0.4	20.0±0.4	16.47	4.77	8	113	146	218
	LK3515B	2	50.5±0.5	35.3±0.3	77.0±0.5	50.0±0.4	20.0±0.4	18.47	4.77	10	101	130	195
	LK3515A	3	50.5±0.5	35.3±0.3	87.0±0.5	60.0±0.4	20.0±0.4	20.74	4.77	12	91	117	176
LK5035B	LK3520A	2	50.5±0.5	35.3±0.3	77.0±0.5	40.0±0.4	10.0±0.4	16.04	6.52	4	158	204	306
	LK3520B	2	50.5±0.5	35.3±0.3	87.0±0.5	50.0±0.4	10.0±0.4	18.04	6.52	5	141	182	273
	LK3520A	3	50.5±0.5	35.3±0.3	97.0±0.5	60.0±0.4	10.0±0.4	20.04	6.52	6	127	164	245
LK6035A	LK3515A	2	60.5±0.5	35.3±0.3	67.0±0.5	40.0±0.4	30.0±0.4	18.47	4.77	12	101	130	195
	LK3515B	2	60.5±0.5	35.3±0.3	77.0±0.5	50.0±0.4	30.0±0.4	20.47	4.77	15	91	117	176
	LK3515A	3	60.5±0.5	35.3±0.3	87.0±0.5	60.0±0.4	30.0±0.4	22.47	4.77	18	83	107	160
LK6035B	LK3520A	2	60.5±0.5	35.3±0.3	77.0±0.5	40.0±0.4	20.0±0.4	18.04	6.52	8	141	182	273
	LK3520B	2	60.5±0.5	35.3±0.3	87.0±0.5	50.0±0.4	20.0±0.4	20.04	6.52	10	127	164	245
	LK3520A	3	60.5±0.5	35.3±0.3	97.0±0.5	60.0±0.4	20.0±0.4	22.04	6.52	12	115	149	223
LK7035A	LK3515A	2	70.5±0.5	35.3±0.3	67.0±0.5	40.0±0.4	40.0±0.4	20.47	4.77	16	91	117	176
	LK3515B	2	70.5±0.5	35.3±0.3	77.0±0.5	50.0±0.4	40.0±0.4	22.47	4.77	20	83	107	160
	LK3515A	3	70.5±0.5	35.3±0.3	87.0±0.5	60.0±0.4	40.0±0.4	24.47	4.77	24	76	98	147
LK7035B	LK3520A	2	70.5±0.5	35.3±0.3	77.0±0.5	40.0±0.4	30.0±0.4	20.04	6.52	12	127	164	245
	LK3520B	2	70.5±0.5	35.3±0.3	87.0±0.5	50.0±0.4	30.0±0.4	22.04	6.52	15	115	149	223
	LK3520A	3	70.5±0.5	35.3±0.3	97.0±0.5	60.0±0.4	30.0±0.4	24.04	6.52	18	106	136	204
LK8035A	LK3515A	2	80.5±0.5	35.3±0.3	67.0±0.5	40.0±0.4	50.0±0.4	22.47	4.77	16	83	107	160
	LK3515B	2	80.5±0.5	35.3±0.3	77.0±0.5	50.0±0.4	50.0±0.4	24.47	4.77	20	76	98	147
	LK3515A	3	80.5±0.5	35.3±0.3	87.0±0.5	60.0±0.4	50.0±0.4	26.47	4.77	24	70	91	136
LK8035B	LK3520A	2	80.5±0.5	35.3±0.3	77.0±0.5	40.0±0.4	40.0±0.4	22.04	6.52	12	115	149	223
	LK3520B	2	80.5±0.5	35.3±0.3	87.0±0.5	50.0±0.4	40.0±0.4	24.04	6.52	15	106	136	204
	LK3520A	3	80.5±0.5	35.3±0.3	97.0±0.5	60.0±0.4	40.0±0.4	26.04	6.52	18	98	126	189

# CYLINDER+ROUNDBLOCK CORES



## Features

- Large energy storage capacity
- Low core loss at high frequency

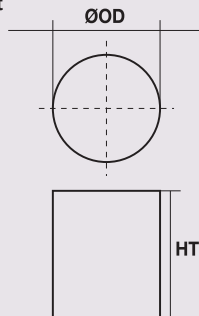
## Applications

- Power inductors for large currents
- Buck/Boost inductors for inverters



## Product Identification

### • Post



**CK 30 30 - 060**

Permeability : 60 $\mu$

Available perm. A: 26 $\mu$ , B: 40 $\mu$ , C: 60 $\mu$

HT : 30mm

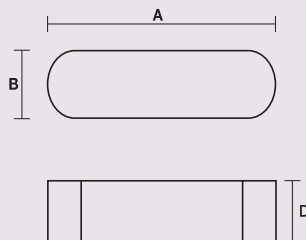
OD : 30mm

Available size : 20mm ~ 68mm

Mega Flux® Cylinder Core

CS : Sendust, CH : High Flux

### • Plate



**RBK 74 28 A - 060**

Permeability : 60  $\mu$

Available perm : 26, 40, 60 $\mu$

Height(A) : 21.7mm

Width : 27.5mm

Available size : 20mm ~ 30mm

Length : 74.5mm

Available size : 54.5mm ~ 80.5mm

RB : Round Block

K : Mega Flux

Plate Part No.	Cylinder		Dimensions					Path Length (cm)	Cross Section Area (cm <sup>2</sup> )	Window Area (cm <sup>2</sup> )	AL value (nH/N <sup>2</sup> ) $\pm$ 12%		
	Part No.	1 LEG STACK	A Length (mm)	B Width (mm)	C Height (mm)	D Inner Height (mm)	E Inner Length (mm)				026 $\mu$	040 $\mu$	060 $\mu$
RBK5420A	CK2020	1	54	20	51.4	20	14	12.41	3.14	2.8	99	127	191
		2	54	20	71.4	40	14	16.41	3.14	5.6	75	96	144
		3	54	20	91.4	60	14	20.41	3.14	8.4	60	77	116
RBK6424A	CK2424	1	64	24	61.6	24	16	14.72	4.52	3.84	120	154	232
		2	64	24	85.6	48	16	19.52	4.52	7.68	90	116	175
		3	64	24	109.6	72	16	24.32	4.52	11.52	72	93	140
RBK6725A	CK2525	1	67	25	64.2	25	17	15.41	4.91	4.25	124	160	240
		2	67	25	89.2	50	17	20.41	4.91	8.5	94	121	181
		3	67	25	114.2	75	17	25.41	4.91	12.75	75	97	146
RBK7428A	CK2828	1	74	27.5	71.4	28	19	17.13	6.00	5.32	136	176	264
		2	74	27.5	99.4	56	19	22.73	6.00	10.64	103	133	199
		3	74	27.5	127.4	84	19	28.33	6.00	15.96	83	106	160
RBK8030A	CK3030	1	80	30	77	30	20	18.4	7.07	6	150	193	290
		2	80	30	107	60	20	24.4	7.07	12	113	146	218
		3	80	30	137	90	20	30.4	7.07	18	91	117	175

# CYLINDER CORES



## Features

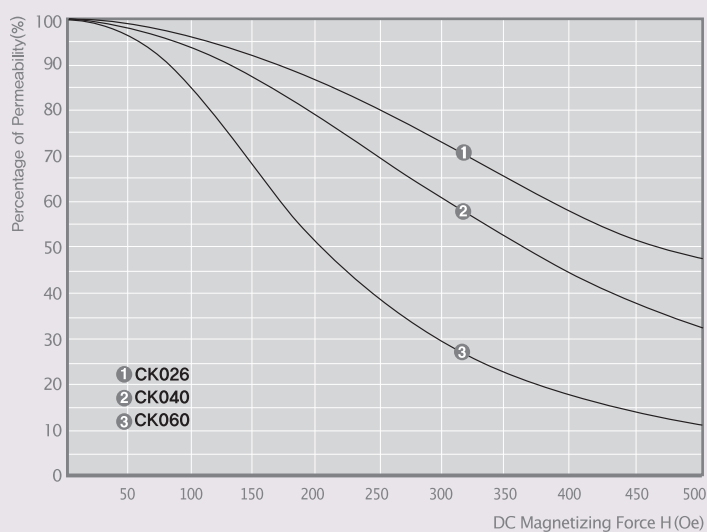
- Large energy storage capacity
- Low core loss at high frequency

## Applications

- Power inductors for large currents
- Buck/Boost inductors for inverters



## DC Bias Characteristics



Part No.	Dimensions		Cross Section Area (cm <sup>2</sup> )
	OD (mm)	HT (mm)	
CK2020	20.2 ± 0.2	20.0 ± 0.2	3.14
CK2424	24.0 ± 0.2	24.0 ± 0.2	4.50
CK2525	25.0 ± 0.2	25.0 ± 0.2	4.91
CK2825	27.6 ± 0.3	25.0 ± 0.2	6.00
CK2830	27.6 ± 0.3	30.0 ± 0.2	6.00
CK3026	30.0 ± 0.5	26.0 ± 0.2	7.07
CK3030	30.0 ± 0.5	30.0 ± 0.2	7.07
CK3035	30.0 ± 0.5	34.7 ± 0.2	7.07
CK3530	35.0 ± 0.5	30.0 ± 0.2	9.62
CK3735	37.0 ± 0.5	35.25 ± 0.2	10.75
CK4030	40.0 ± 0.6	30.0 ± 0.3	12.56
CK4230	42.0 ± 0.6	30.0 ± 0.3	13.85
CK4630	46.0 ± 0.6	30.0 ± 0.3	16.61
CK5030	50.0 ± 0.7	30.0 ± 0.4	19.63
CK5530	55.0 ± 0.7	30.0 ± 0.4	23.76
CK6030	60.0 ± 0.8	30.0 ± 0.5	28.27
CK6330	63.0 ± 0.8	30.0 ± 0.5	31.17
CK6830	68.0 ± 0.8	30.0 ± 0.5	36.31



# EE CORES



## Features

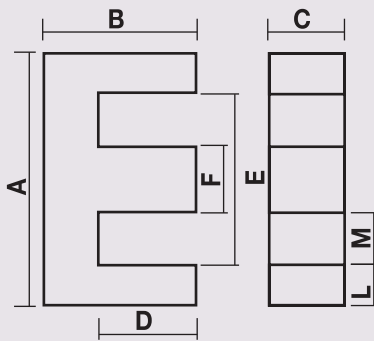
- Large energy storage capacity
- No magnetic flux leakage
- Good temperature stability
- Low core loss at high frequency

## Applications

- High inductance choke coils
- Flyback transformers
- Multiple circuit choke coils
- Output chokes for SMPS



## Product Identification



**ES 43 21 A - 060**

Permeability: 60μ Available perm. 26, 40, 60, 90μ

Height of E core

Width : 21mm

Available size : 8.0mm ~ 38.1mm

Length : 43mm

Available size : 19.0mm ~ 80.0mm

Sendust E core

EK: Mega Flux®

Part No.	Dimensions (mm)								Path Length (cm)	Cross Section Area (cm <sup>2</sup> )	Al. value (nH/N <sup>2</sup> ) ± 12%			
	A	B	C	D(min)	E(min)	F	L(nom)	M(min)			026μ	040μ	060μ	090μ
ES 1908A	19.3	8.1	4.8	5.5	13.9	4.8	2.3	4.7	4.01	0.228	26	35	48	69
ES 2510A	25.1	9.6	6.5	6.2	18.8	6.1	3.0	6.3	4.85	0.385	39	52	70	100
ES 3015A	30.1	15.0	7.1	9.7	19.5	7.0	5.1	6.4	6.56	0.601	33	46	71	92
ES 3515A	34.5	14.1	9.3	9.6	25.3	9.3	4.4	7.9	6.94	0.840	56	75	102	146
ES 4117A	40.9	16.5	12.5	10.4	28.3	12.5	6.0	7.9	7.75	1.520	88	119	163	234
ES 4321A	42.8	21.1	10.8	15.0	30.4	11.7	5.9	9.5	9.84	1.280	56	76	105	151
ES 4321B	42.8	21.1	15.4	15.0	30.4	11.7	5.9	9.5	9.84	1.830	80	108	150	217
ES 4321C	42.8	21.1	20.0	15.0	30.4	11.7	5.9	9.5	9.84	2.370	104	140	194	281
ES 5528A	54.9	27.6	20.6	18.5	37.5	16.8	8.4	10.3	12.30	3.500	116	157	219	
ES 5528B	54.9	27.6	24.6	18.5	37.5	16.8	8.4	10.3	12.30	4.170	138	187	261	
ES 6533A	65.1	32.5	27.0	22.2	44.2	19.7	10.0	12.1	14.70	5.400	162	230	300	
ES 7228A	72.4	27.9	19.0	17.8	52.6	19.1	9.5	16.9	13.70	3.680	130	173	236	
ES 8038A	80.0	38.1	19.8	28.1	59.3	19.8	9.9	19.8	18.50	3.890	103	145	190	

※ EK(Mega Flux® EE Core) and customized designs are also available.



# EER CORES

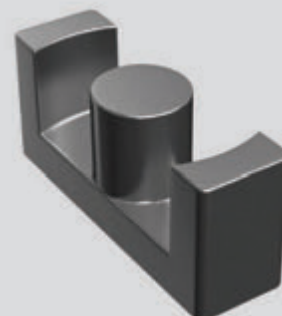


## Features

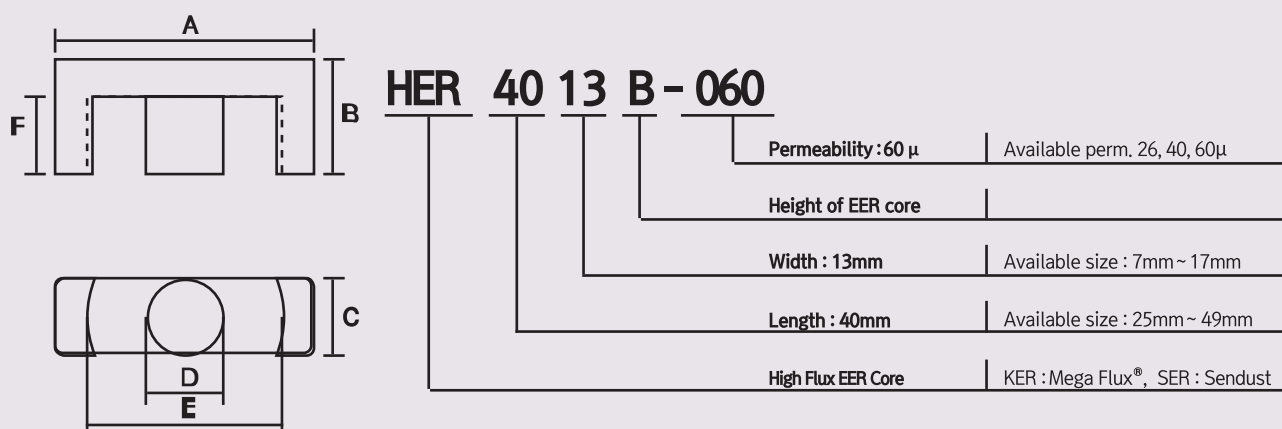
- Large energy storage capacity
- No magnetic flux leakage
- Good temperature stability
- Excellent DC bias characteristics

## Applications

- Power inductors for large currents
- Multiple circuit choke coils
- Output chokes for SMPS



## Product Identification



Part No.	Dimensions (mm)						Path Length (cm)	Cross Section Area (cm <sup>2</sup> )	AL value (nH/N <sup>2</sup> ) $\pm 12\%$		
	A	B	C	D	E	F			026 $\mu$	040 $\mu$	060 $\mu$
HER 2507A	25.5	9.3	7.5	7.5	19.8	6.2	5.10	0.450	39	53	73
HER 2507B	25.5	11.0	7.5	7.5	19.8	7.9	5.78	0.450	34	47	65
HER 3010A	30.6	15.8	9.8	9.8	22.0	11	8.66	0.754	38	53	72
HER 3511A	35.0	15.8	11.3	11.3	25.6	9.8	8.30	1.078	57	78	108
HER 3511B	35.0	20.7	11.3	11.3	25.6	14.7	10.27	1.078	46	63	87
HER 4013A	40.0	17.4	13.3	13.3	29.0	10.4	9.13	1.491	72	99	135
HER 4013B	40.0	22.4	13.3	13.3	29.0	15.4	11.13	1.491	59	81	111
HER 4215A	42.0	22.4	15.5	15.5	29.4	15.4	10.64	2.026	84	115	158
HER 4215B	42.0	25.4	15.5	15.5	29.4	18.4	11.84	2.026	75	103	142
HER 4917A	49.0	18.8	17.2	17.2	36.5	12.2	9.57	2.353	99	136	185
HER 4917B	49.0	24.7	17.2	17.2	36.5	18.1	11.93	2.353	79	109	149

※ KER(Mega Flux<sup>®</sup> EER Core), SER(Sendust EER Core) and customized designs are also available.

# EQ CORES



## Features

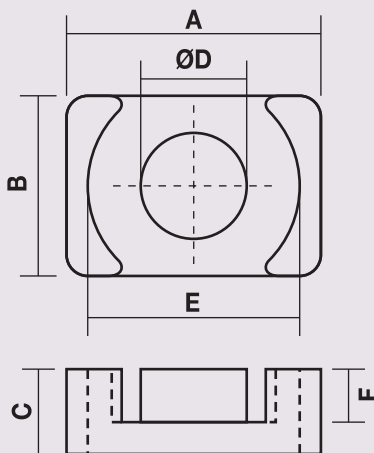
- Small dimensions for large currents
- No magnetic flux leakage
- Excellent DC bias characteristics
- Good temperature stability
- Large energy storage capacity

## Applications

- Small dimension DC/DC converters
- Large current choke coils
- Smoothing choke coils
- CPU cores for lap-top computers



## Product Identification



**KEQ 41 28 A - 040**

Permeability: 40  $\mu$

Available perm. 26, 40, 60  $\mu$

Height of EQ core

Width : 28mm

Available size : 14mm ~ 32mm

Length : 41.5mm

Available size : 20.5mm ~ 50mm

Mega Flux® EQ core

HEQ : High Flux, SEQ : Sendust

Part No.	Dimensions (mm)						Path Length (cm)	Cross Section Area (cm <sup>2</sup> )	AL value (nH/N <sup>2</sup> ) ±12%		
	A	B	C	D	E	F			026 $\mu$	040 $\mu$	060 $\mu$
KEQ 2014A	20.5	14.0	8.1	8.8	18.0	5.7	4.52	0.608	44	68	101
KEQ 2014B	20.5	14.0	10.1	8.8	18.0	7.7	5.32	0.608	37	57	86
KEQ 2619A	26.5	19.0	10.1	12.0	22.6	6.8	5.47	1.198	72	110	165
KEQ 2619B	26.5	19.0	12.4	12.0	22.6	9.1	6.39	1.198	61	94	141
KEQ 3222A	32.0	22.0	10.3	13.5	27.6	6.6	6.03	1.523	83	127	190
KEQ 3222B	32.0	22.0	15.2	13.5	27.6	11.5	7.99	1.523	62	96	144
KEQ 3626A	36.0	26.0	17.4	14.4	32.0	13.4	9.47	1.808	62	96	144
KEQ 4128A	41.5	28.0	19.9	14.9	36.5	15.4	11.52	1.997	57	87	131
KEQ 5032A	50.0	32.0	25.0	20.0	44.0	19.5	13.34	3.141	77	118	178

※ HEQ(High Flux EQ Core), SEQ(Sendust EQ core) and customized designs are also available.

# ER CORES

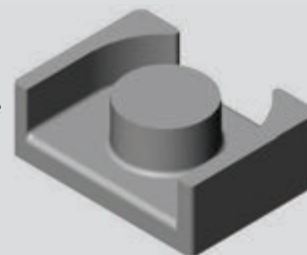


## Features

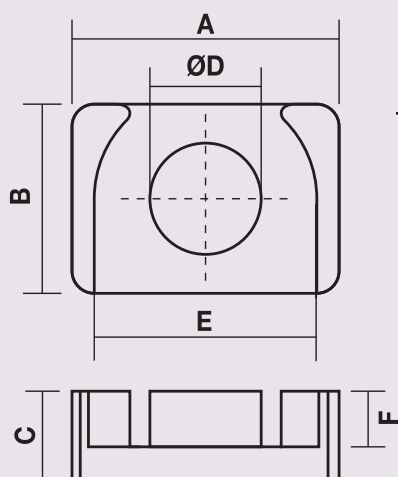
- Round Center Leg
- High Flux, Mega Flux Available
- Good Temperature Stability
- No Bulk Gap
- Rectangular Winding is Possible (DCR Reduction)

## Applications

- High Current, Low Inductance Applications
- Hybrid, Electrical Vehicles
- PFC Chokes
- Output Chokes



## Product Identification



**RH 32 22 B-060**

Permeability : 60μ	Available perm. 26, 40, 60μ
Height	
Width : 22mm	Available size : 11mm ~ 28mm
Length : 32mm	Available size : 19mm ~ 42mm
High Flux ER Core	RK : MEGA FLUX

Part No.	Dimensions (mm)						Weight (g)	Path Length (cm)	Cross Section Area (cm <sup>2</sup> )	Al. value (nH/N <sup>2</sup> ) ±12%		
	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)				026μ	040μ	060μ
RH1911A	18.8±0.3	11.0±0.2	6.0±0.2	7.4±0.2	15.6±0.2	4.0±0.2	5.4	3.54	0.425	39	60	90
RH2314A	23.4±0.3	14.0±0.2	8.7±0.2	9.2±0.2	19.4±0.2	6.2±0.2	11.8	4.91	0.670	45	69	103
RH2518A	25.0±0.3	18.0±0.2	8.4±0.2	11.0±0.2	21.0±0.3	5.4±0.2	17.1	4.97	0.960	63	97	146
RH2518B	25.0±0.3	18.0±0.2	10.8±0.2	11.0±0.2	21.0±0.3	7.8±0.2	20.4	5.93	0.960	53	81	122
RH3020A	30.0±0.4	20.0±0.3	9.2±0.2	12.0±0.2	25.6±0.3	5.9±0.2	23.7	5.81	1.140	64	99	148
RH3020B	30.0±0.4	20.0±0.3	11.8±0.2	12.0±0.2	25.6±0.3	8.5±0.2	27.9	6.85	1.140	54	84	125
RH3222A	32.0±0.4	22.0±0.3	10.3±0.2	13.5±0.2	27.0±0.3	6.6±0.2	32.0	6.25	1.430	75	115	172
RH3222B	32.0±0.4	22.0±0.3	13.4±0.2	13.5±0.2	27.0±0.3	9.7±0.2	38.2	7.49	1.430	62	96	144
RH3222C	32.0±0.4	22.0±0.3	15.2±0.2	13.5±0.2	27.0±0.3	11.5±0.2	42.0	8.21	1.430	57	88	131
RH3624A	36.2±0.4	24.0±0.3	11.2±0.2	15.0±0.2	30.4±0.4	7.2±0.2	43.0	6.78	1.770	85	131	197
RH3624B	36.2±0.4	24.0±0.3	14.4±0.2	15.0±0.2	30.4±0.4	10.4±0.2	51.1	8.06	1.770	72	110	166
RH4225A	42.0±0.5	25.0±0.3	12.3±0.2	16.2±0.3	35.2±0.4	7.9±0.2	56.1	7.61	2.060	88	136	204
RH4225B	42.0±0.5	25.0±0.3	15.8±0.2	16.2±0.3	35.2±0.4	11.4±0.2	66.4	9.01	2.060	75	115	172
RH4628A	46.5±0.6	28.0±0.5	19.4±0.4	14.9±0.4	39.3±0.5	14.5±0.3	84.7	9.81	2.080	69	106	159

# U CORES



## Features

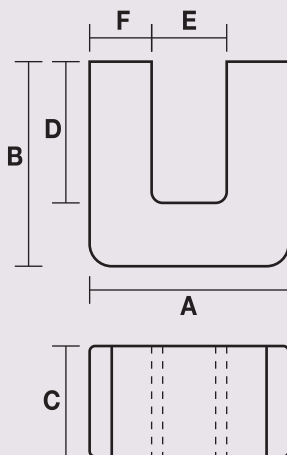
- Large energy storage capacity
- No magnetic flux leakage
- Good temperature stability
- Low core loss at high frequencies

## Applications

- High inductance choke coils
- Flyback transformers
- Multiple circuit choke coils
- Output chokes for SMPS



## Product Identification




**UK 41 41 C-060**

Permeability : 60 $\mu$	Available perm. 26, 40, 60 $\mu$
Height of U core	
Width : 41mm	Available size : 36mm ~ 65mm
Length : 41mm	Available size : 35mm ~ 79mm
Mega Flux® U core	UH : High Flux, US : Sendust

Part No.	Dimensions (mm)						Path Length (cm)	Cross Section Area (cm <sup>2</sup> )	Al. value (nH/N <sup>2</sup> ) $\pm 12\%$		
	A	B	C	D	E	F			026 $\mu$	040 $\mu$	060 $\mu$
UK3536A	35.0	36.0	20.0	25.0	13.0	11.0	16.90	2,200	43	65	98
UK3536B	35.0	36.0	25.0	25.0	13.0	11.0	16.90	2,750	53	82	123
UK4141A	41.0	41.0	20.0	28.0	15.0	13.0	19.30	2,600	44	68	102
UK4141B	41.0	41.0	25.0	28.0	15.0	13.0	19.30	3,250	55	85	127
UK4141C	41.0	41.0	30.0	28.0	15.0	13.0	19.30	3,900	66	102	152
UK5251A	52.0	51.0	25.0	35.0	20.0	16.0	24.30	4,000	54	83	124
UK5251B	52.0	51.0	30.0	35.0	20.0	16.0	24.30	4,800	65	99	149
UK6361A	63.0	60.5	30.0	41.5	25.0	19.0	29.10	5,700	64	98	148
UK6361B	63.0	60.5	35.0	41.5	25.0	19.0	29.10	6,650	75	115	172
UK7965A	79.0	64.5	30.0	42.5	35.0	22.0	32.60	6,600	66	102	153
UK7965B	79.0	64.5	35.0	42.5	35.0	22.0	32.60	7,700	77	119	178

※ UH(High Flux U Core), US(Sendust U Core) and customized designs are also available.

# BIG TOROIDAL CORES




**Features**

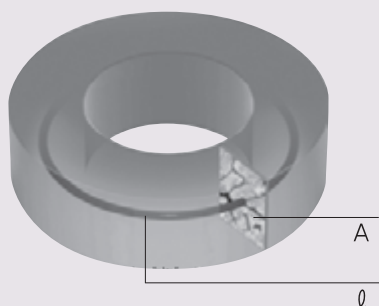
- Excellent DC bias characteristics
- Near zero magnetostriction coefficient constant
- Good temperature stability

**Applications**

- Power factor correction(PFC) circuits
- Power inductors for large currents
- AC Reactors for inverters



## Product Identification



**CS 16 25 026 E**

<b>Epoxy coated</b>	E : Epoxy, C : Plastic case, U : uncoated
<b>Perm. : 26μ</b>	Available perm. 26, 50, 60, 125μ
<b>Height : 25mm</b>	Available HT 13.6mm ~ 40.6mm
<b>OD size : 165mm</b>	Available size : 101.6mm ~ 165.0mm
<b>Sendust Core</b>	CM : MPP, CH : High Flux, CK : Mega Flux <sup>®</sup> HS : HS

CSC' big toroidal cores produced by a 3000 ton press are ideal for high current applications, especially in UPS, renewable (solar/wind), high power industrial power systems. The maximum diameter is 165mm(6.5")OD and the electrical characteristics are the same as small toroidal cores. CSC cores are the world's biggest and strongest on the market today.

Part No.	Before Finish Dimensions (mm)			After Finish Dimensions (mm)			Weight (g)	Path Length (cm)	Cross Section Area (cm <sup>2</sup> )	A <sub>L</sub> value (nH/N <sup>2</sup> ) ± 8%		
	OD(mm) Max	ID(mm) Min	HT(mm) Max	OD(mm) Max	ID(mm) Min	HT(mm) Max				026μ	060μ	125μ
CS1013	101.6	57.2	13.6	103.1	55.7	14.9	548.6	24.27	2.972	40	92	192
CS1016	101.6	57.2	16.5	103.1	55.7	17.8	665.6	24.27	3.522	48	112	228
CS1027	101.6	57.2	27.2	103.1	55.7	28.5	1097.3	24.27	5.944	80	184	384
CS1033	101.6	57.2	33.0	103.1	55.7	34.3	1331.3	24.27	7.044	94	224	456
CS1320	132.5	78.6	20.3	134.2	77	21.7	1280.1	32.42	5.347	54	124	259
CS1325	132.5	78.6	25.4	134.2	77	26.8	1601.7	32.42	6.710	68	156	325
CS1333	132.5	78.6	33.0	134.2	77	34.4	2080.9	32.42	8.717	88	202	422
CS1340	132.5	78.6	40.6	134.2	77	42	2560.2	32.42	10.694	108	248	518
CS1625	165.0	88.9	25.4	167.2	86.9	27.3	2808.0	38.65	9.460	80	184	384

※ CM(MPP core), CH(High Flux core), CK(Mega Flux<sup>®</sup> core) and customer specifications are also available.