

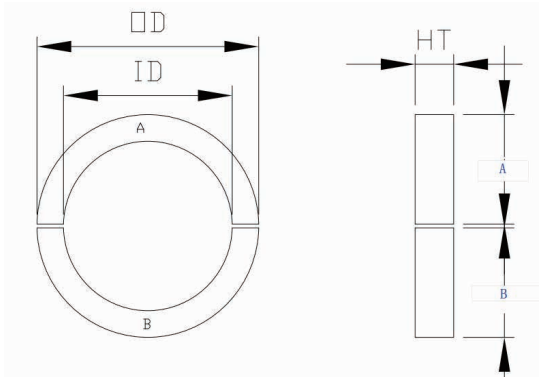
Fe-based Nanocrystalline Toroidal Split Core

Application

- Current Transformer
- Current SPower Inductor and Transformer core
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- The permeability can reach more than 10000 After cutting , Effectively improve the precision of the current transformer
- Low loss , Reduce the heat of the component and prolong the life time
- Excellent Linearity , 20% higher than the same size of silicon steel core
- Excellent cost-effective , half price compare with permalloy core



	NF	0000	c	01
P/N Description	Split CT Core Series	Serial No.	Coating	Feature No.

P/N	Bare core dimension (mm)			Finished core dimension (mm)			Magnetic path length (cm)	Cross section area (cm²)	Volume (cm³)	Weight (g)
	OD	ID	HT	OD	ID	HT	Le	Ae	Ve	m
NF-0001-C	40	20	15	42	18	16	9.42	1.20	11.30	82
NF-0002-C	115	80	35	117	78	36	30.62	4.90	150.01	1088
NF-0004-C	70	50	10	72	48	11	18.84	0.80	15.07	109
NF-0019-C	58	46	10	60	44	11	16.33	0.48	7.84	57
NF-0032-C	74	50	35	76	48	36	19.49	3.36	65.41	474
NF-0035-C	86	60	20	88	58	21	22.92	2.08	47.68	346
NF-0044-C	44	32	10	46	30	11	11.93	0.48	5.73	42
NF-0047-C	73	53	5	75	51	6	19.78	0.40	7.91	57
NF-0048	173	143	35	175	141	36	49.61	4.20	208.37	1511
NF-0049	173	143	50	175	141	51	49.61	6.00	297.67	2158
NF-0051-C	45	33	10	47	31	11	12.25	0.48	5.88	43
NF-0054	102	70	40	104	68	41	27.00	5.12	138.26	1002
NF-0060	120	105	10	122	103	11	35.33	0.60	21.20	154
NF-0063-C	86	66.5	15	88	64.5	16	23.94	1.17	28.01	203
NF-0064-C	45	33	5	47	31	6	12.25	0.24	2.94	21
NF-0065-C	59	47	5	61	45	6	16.64	0.24	3.99	29
NF-0067-C	70	58	5	72	56	6	20.10	0.24	4.82	35
NF-0071-C	142	122	12	144	120	13	41.45	0.96	39.79	288
NF-0072-C	116	96	10	118	94	11	33.29	0.80	26.63	193
NF-0079	145	75	35	147	73	36	34.54	9.80	338.49	2454
NF-0081-C	136	120	10	138	118	11	40.19	0.64	25.72	186
NF-0083-C	71	57	8	73	55	9	20.10	0.45	9.00	65
NF-0084-C	92	78	8	94	76	9	26.69	0.45	11.96	87
NF-0090-C	34	18	12	36	16	13	8.16	0.77	6.27	45
NF-0092-C	53	43	5	55	41	6	15.07	0.20	3.01	22
NF-0094	65	25	25	67	23	26	14.13	4.00	56.52	410
NF-0096-C	75	55	10	77	53	11	20.41	0.80	16.33	118
NF-0099	48	38	10	50	36	11	13.50	0.40	5.40	39
NF-0101-C	90	75	30	92	73	31	25.91	1.80	46.63	338
NF-0105-C	24	15	8	26	13	9	6.12	0.29	1.76	13
NF-0107-C	208	178	20	210	176	21	60.60	2.40	145.44	1054
NF-0109-C	111	102	10	113	100	11	33.44	0.36	12.04	87
NF-0110-C	119	101	15	121	99	16	34.54	1.08	37.30	270
NF-0113-C	145	123	15	147	121	16	42.08	1.32	55.54	403
NF-0114-C	98	80	12	100	78	13	27.94	0.86	24.15	175
NF-0116-C	74	53	12	76	51	13	19.94	1.01	20.10	146
NF-0119-C	80	60	20	82	58	21	21.98	1.60	35.17	255
NF-0124-C	120	90	15	122	88	16	32.97	1.80	59.35	430

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	OD	ID	HT	OD	ID	HT	Le	Ae	Ve	m
NF-0131-C	70	40	25	72	38	26	17.27	3.00	51.81	376
NF-0134-C	47	33	7	49	31	8	12.56	0.39	4.92	36
NF-0141-C	138	118	10	140	116	11	40.19	0.80	32.15	233
NF-0142-C	161	137	12	163	135	13	46.78	1.15	53.90	391
NF-0146-C	127	116	10	129	114	11	38.15	0.44	16.79	122
NF-0149-C	65	40	45	67	38	46	16.48	4.50	74.18	538
NF-0152-C	85	68	18	87	66	19	24.02	1.22	29.40	213
NF-0137	80	50	20	82	48	21	20.41	2.40	48.98	355
NF-0158	44.6	34.8	6.5	46.6	32.8	7.5	12.46	0.25	3.18	23
NF-0162-C	90	70	10	92	68	11	25.12	0.80	20.10	146
NF-0164	100	74	35	102	72	36	27.31	3.64	99.44	721
NF-0185-C	86	61	12	88	59	13	23.07	1.20	27.69	201
NF-0192	125	113	10	127	111	11	37.36	0.48	17.94	130
NF-0194	107	70	45	109	68	46	27.78	6.66	185.07	1342
NF-0200-C	42	28	18	44	26	19	10.99	1.01	11.08	80
NF-0202	106	86	15	108	84	16	30.14	1.20	36.17	262
NF-0204-C	50	30	20	52	28	21	12.56	1.60	20.10	146
NF-0207-C	89	79	15	91	77	16	26.37	0.60	15.83	115
NF-0211	74	57	18	76	55	19	20.56	1.22	25.17	183
NF-0213-C	80	40	30	82	38	31	18.84	4.80	90.43	656
NF-0215-C	83	59	13	85	57	14	22.29	1.25	27.82	202
NF-0217	110	78	35	112	76	36	29.51	4.48	132.23	959
NF-0219-C	85	68	18	87	66	19	24.02	1.22	29.40	213
NF-0220-C	62	52	8	64	50	9	17.89	0.32	5.73	42
NF-0232-C	107	80	30	109	78	31	29.35	3.24	95.12	690
NF-0233-C	112	80	25	114	78	26	30.14	3.20	96.46	699
NF-0237-C	86	58	15	88	56	16	22.60	1.68	37.98	275
NF-0238-C	100	50	35	102	48	36	23.55	7.00	164.85	1195

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