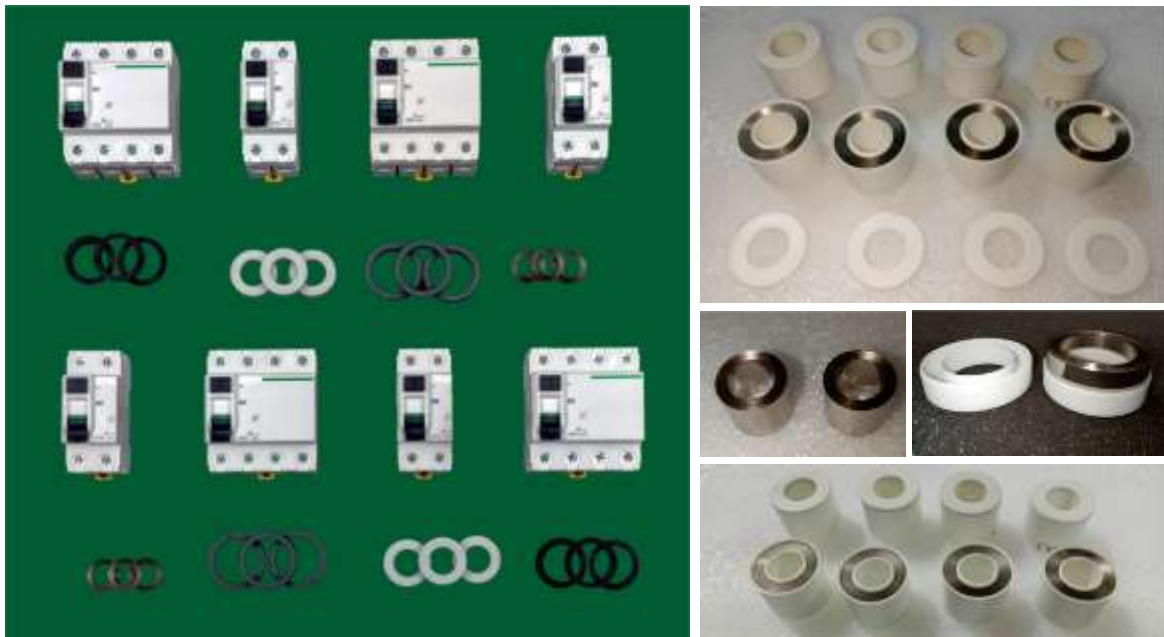




Vikarsh Nano Technology  
& Alloys Pvt. Ltd.

INDIA'S ONLY COMPANY MANUFACTURING NANO CRYSTALLINE RIBBON



### Nano Crystalline Mini Core

These cores are miniature size and suitable for Low Tension Electronic Applications like Energy Meters, SMPS, GFI Cores and High Frequency Applications Like Noise Filters, CMCs, Inductors, etc

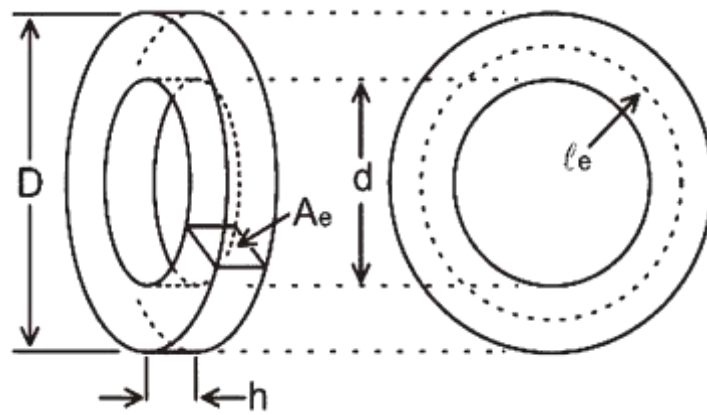
1. Standard sizes available in PET/PBT/Nylon66 Housing and Non-standard sizes available with Epoxy powder Coating.
2. Dimensions Range: ID(min):6mm, OD:80mm(max), HT:20mm
3. Best suited to perform for special applications like DC Immune dual cores (Nano Core+Amorphous Core) for Current/Hall Sensors
4. Required for variety of applications in power electronics (Digital Meters, Energy Meters, Measuring Instruments, LV Switchgears, etc)
5. Required for critical electrical safety applications like Ground Fault Interruptors-CBCT Cores for RCCBs, etc
6. Required in EV Industry for Fast Charging System, EMI Suppressions, Inverters, AC-DC Converters, Bi-directional DC-to-DC Converters, Steering Control Systems, etc

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#### STANDARD CBCT SIZES AVAILABLE WITH US

CBCT TYPE	POLES	D (mm)	d (mm)	h (mm)	Le (cm)	Ae (cm <sup>2</sup> )	Iin (mA)	Vo (mV)
AC	4P	22.00	15.00	15.00	5.81	0.50	25.00	4.00
AC	4P	24.00	17.00	10.00	6.44	0.63	25.00	4.00
AC	☐	20.00	14.00	10.00	5.34	0.30	25.00	2.00
AC	4P	24.00	11.50	22.00	5.56	1.25	45.00	17.50
AC	4P	17.80	13.00	5.00	4.84	0.11	175.00	2.00
AC*	2P	14.00	9.00	20.00	3.69	0.36	21.00	4.00

#### AVAILABLE CORE & PLASTIC CANOPY SIZES

SR. NO	CORE OD MM	CORE ID MM	CORE HT MM	CASE OD MM	CASE ID MM	CASE HT MM
1	13.00	9.50	5.00	14.40	8.30	6.30
2	24.00	17.00	8.00	26.40	15.10	9.90
3	32.80	25.00	6.50	34.30	22.80	8.20
4	28.00	19.00	10.00	29.70	17.20	12.20
5	20.00	14.00	10.00	22.60	12.10	12.00
6	24.00	18.00	10.00	26.80	16.20	12.40
7	22.00	16.00	10.00	24.70	13.70	12.20
8	21.00	16.00	10.00	23.60	13.50	12.20
9	37.60	32.00	6.50	40.00	28.70	8.40
12	20.00	14.00	5.00	22.60	12.50	6.40
13	21.50	13.20	10.00	24.00	11.50	12.40
14	22.00	17.00	10.00	24.60	15.40	12.00
15	27.00	19.00	8.00	29.20	16.60	10.00
16	19.00	14.00	8.00	22.55	12.27	10.00
17	30.00	20.00	8.00	32.60	18.20	10.00
18	17.80	13.00	5.00	19.60	11.40	6.40
19	16.50	12.50	5.00	18.30	10.40	6.20
20	13.20	9.60	10.00	15.10	8.20	11.80
21	24.00	11.50	22.00	27.90	9.80	27.90
22	22.00	15.00	15.00	24.80	12.40	18.80
23	24.00	17.00	20.00	26.90	14.80	23.00
24	29.00	21.00	6.50	31.00	19.00	8.50
25	32.00	20.00	18.00	34.00	18.00	20.50
26	25.00	19.00	10.00	27.80	17.20	12.50



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