

To use ENCORE power material (NP2, or NP7) Toroids with GAP design.
It can have the advantages of

- Excellent temperature stability (From low -40°C to 85°C)
- High current I saturation.
- High Q low core loss.
- Can minimize the height of Ring core for SMD thin power inductor design.
- Lower price than MPP cores.
- It can get various AL values from the combination of GAP width and core height.

Typical core be Gapped.

OD m/m	ID m/m	HT m/m	GAP Size	Coating
3.5	1.7	0.9	0.05 m/m	Parylene-Coating
4.4	2.2	0.8	0.06 m/m	
4.8	2.2	0.8	0.10 m/m	
6.0	3.0	3.0	0.15 m/m	
9.53	4.75	2.6	0.25 m/m	
9.53	4.75	3.18		
9.53	4.75	4.9		
9.53	4.75	6.35		EPOXY-Coating
10.3	5.4	2.6	0.35 m/m	
12.7	7.3	4.7	0.45 m/m	
12.7	7.9	6.35		
15.8	9.0	4.7	0.5 m/m	
22	14	8.0	0.6 m/m	
22	14	12.7		
25	15	10		
25	15	15		