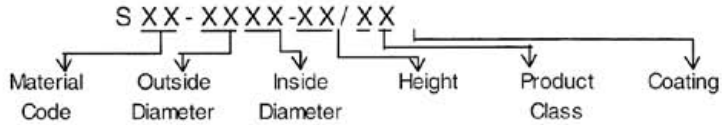
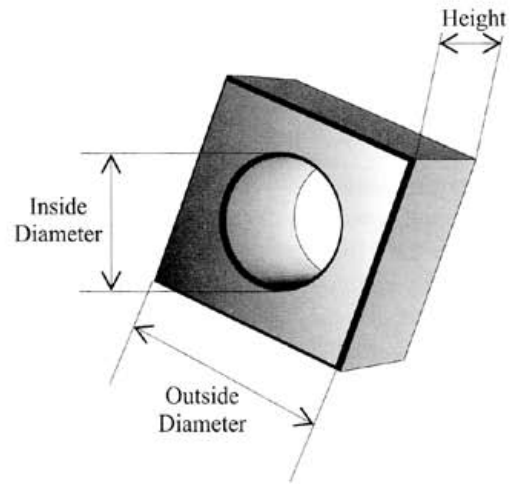


Squaroids



Squaroids are toroids with a square-shaped outer dimension. Unlike toroids their square shape allows them to be mounted vertically on a board without using a header or mounting device. These cores can also be used in various applications including EMI suppressors, chokes, transformers and inductors. Squaroids also have a closed magnetic structure which confines magnetic flux within the core body giving the structure good shielding characteristics as well as optimal inductance to core volume ratio.



MMG Part No.	Units	Outside Diameter	Inside Diameter	Height	C1	L_e (cm)	A_e (cm)	V_e (cm)
S__-1A23-13/1	in	0.073	0.038	0.045	84.2	0.413	0.005	0.202
	mm	1.854	0.965	1.143				
S__-1C22-10/1	in.	0.072	0.035	0.047	73.0	0.392	0.005	0.211
	mm	1.829	0.889	1.194				
S__-4F22-10/1	in.	0.072	0.035	0.155	22.1	0.392	0.005	0.202
	mm	1.829	0.889	3.937				
S__-202V-1K/1	in.	0.100	0.055	0.070	59.1	0.583	0.005	0.286
	mm	2.540	1.397	1.778				

Standard Material Permeability

MMG Part No.	Nominal AL Values nH/N ²								
	FA1	F52	F53	F9Q	F9N	F82	FT6	FT7	FTA
S__-1A23-13/1	55	127	157	343	657	746	896	1120	1493
S__-1C22-10/1	64	146	181	396	758	861	1034	1292	1723
S__-4F22-10/1	210	483	597	1307	2500	2841	3409	4261	5681
S__-202V-1K/1	79	181	223	489	936	1063	1276	1595	2126