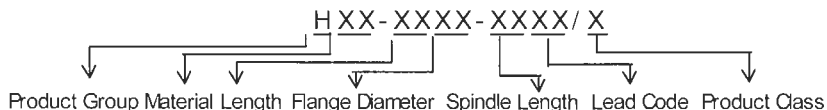
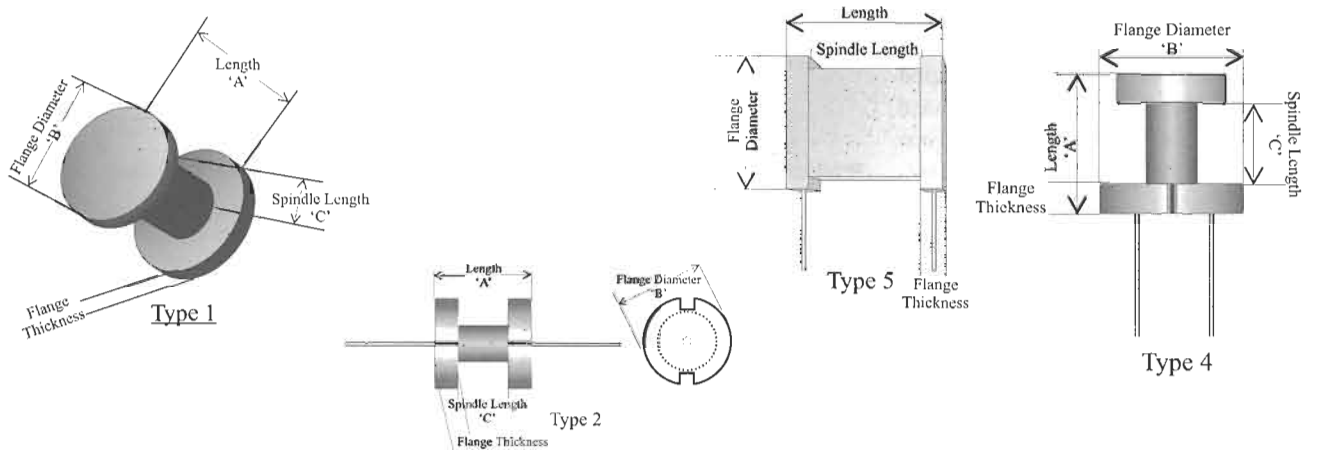


## Product Group H: Bobbin Cores

Common applications of ferrite bobbins include power applications, filtering, EMI suppression, and high Q inductors. MMG offers ferrite bobbins in a variety of materials and sizes. The ferrite bobbin design is a popular geometry due to its high current handling capabilities, the stability of inductance, and ease of winding, as well as the electrical stability. Ferrite bobbins can be easily wound with high numbers of turns yielding high inductance, high stability inductors. MMG-North America manufactures bobbins, both leaded and unleaded, in several configurations, surface mountable, axial leaded, and radial leaded. Parts can be packed on tape and reel for auto-insertion. Below is a list of popular core sizes.



Part Number	Units		Type	Flange		Spindle Length	Flange Thickness	Aw(in <sup>2</sup> )
				Length	Diameter			
H01-1A22-0F/1	in	1	0.045	0.072	0.045	0.014	0.00023	
	mm		1.143	1.829	1.143	0.356		
H01-2F2K-1A/1	in	1	0.085	0.090	0.040	0.020	0.00113	
	mm		2.159	2.286	1.016	0.508		
HA1-2F2K-1A/1	in	1	0.085	0.090	0.040	0.020	0.00113	
	mm		2.159	2.286	1.016	0.508		
H01-594F-2MM4/1	in	2	0.184	0.155	0.079	0.046	0.00350	
	mm		4.674	3.937	2.007	1.168		
H21-594F-2MM4/1	in	2	0.184	0.155	0.079	0.046	0.00350	
	mm		4.674	3.937	2.007	1.168		
H01-5A4E-2V/1	in	1	0.185	0.154	0.079	0.058	0.00259	
	mm		4.699	3.912	2.007	1.473		
H01-6M5Q-3VPR/1	in	4	0.232	0.200	0.100	0.048	0.00680	
	mm		5.893	5.080	2.540	1.219		
H52-6M5Q-3VPR/1	in	4	0.232	0.200	0.100	0.048	0.00680	
	mm		5.893	5.080	2.540	1.219		
H01-75AQ-6FPC/1	in	5	0.375	0.250	0.225	0.075	0.00281	
	mm		9.525	6.350	5.715	1.905		
HA1-75AQ-6FPC/1	in	5	0.375	0.250	0.225	0.075	0.00281	
	mm		9.525	6.350	5.715	1.905		
H52-75AQ-6FPC/1	in	5	0.375	0.250	0.225	0.075	0.00281	
	mm		9.525	6.350	5.715	1.905		
H01-7A8A-4FMN/1	in	4	0.257	0.290	0.130	0.034	0.01512	
	mm		6.528	7.366	3.302	0.864		
H52-7A8A-4FMN/1	in	4	0.257	0.290	0.130	0.034	0.01512	
	mm		6.528	7.366	3.302	0.864		
H01-9F32-6KM4/1	in	2	0.330	0.107	0.070	0.050	0.00426	
	mm		8.382	2.718	1.778	1.270		
HA1-9F32-6KM4/1	in	2	0.330	0.107	0.070	0.050	0.00426	
	mm		8.382	2.718	1.778	1.270		
H52-9F32-6KM4/1	in	2	0.330	0.107	0.070	0.050	0.00426	
	mm		8.382	2.718	1.778	1.270		
H01-EA5Q-BFK2/1	in	2	0.500	0.200	0.110	0.050	0.01800	
	mm		12.700	5.080	2.794	1.270		
H52-EA5Q-BFK2/1	in	2	0.500	0.200	0.110	0.050	0.01800	
	mm		12.700	5.080	2.794	1.270		
HB2-EA5Q-BFK2/1	in	2	0.500	0.200	0.110	0.050	0.01800	
	mm		12.700	5.080	2.794	1.270		



Part Number	Units	Type	Flange		Spindle	Flange	Aw(in2)
			Length	Thickness	Diameter	Diameter	
H01-HVAF-EAK2/1	in	2	0.625	0.063	0.208	0.365	0.03917
	mm		15.875	1.600	5.283	9.271	
HA1-IDAN-BFK2/1	in	2	0.630	0.115	0.230	0.373	0.02860
	mm		16.002	2.921	5.842	9.474	
HB2-BFA0-8KK2/1	in	2	0.400	0.050	0.150	0.350	0.03000
	mm		10.160	1.270	3.810	8.890	
H72-BFA0-8KK2/1	in	2	0.400	0.050	0.150	0.350	0.03000
	mm		10.160	1.270	3.810	8.890	
H01-EA5L-BFK2/1	in	2	0.500	0.050	0.107	0.196	0.01780
	mm		12.700	1.270	2.718	4.978	
H52-EA5L-BFK2/1	in	2	0.500	0.050	0.107	0.196	0.01780
	mm		12.700	1.270	2.718	4.978	
HB2-EA5L-BFK2/1	in	2	0.500	0.050	0.107	0.196	0.01780
	mm		12.700	1.270	2.718	4.978	
H01-LFAQ-EAK2/1	in	2	0.750	0.125	0.197	0.375	0.04450
	mm		19.050	3.175	5.004	9.525	
H52-LFAQ-EAK2/1	in	2	0.750	0.125	0.197	0.375	0.04450
	mm		19.050	3.175	5.004	9.525	
HB2-LFAQ-EAK2/1	in	2	0.750	0.125	0.197	0.375	0.04450
	mm		19.050	3.175	5.004	9.525	
H01-LFAN-EAK2/1	in	2	0.750	0.125	0.187	0.373	0.04650
	mm		19.050	3.175	4.750	9.474	
H52-LFAN-EAK2/1	in	2	0.750	0.125	0.187	0.373	0.04650
	mm		19.050	3.175	4.750	9.474	
HB2-LFAN-EAK2/1	in	2	0.750	0.125	0.187	0.373	0.04650
	mm		19.050	3.175	4.750	9.474	