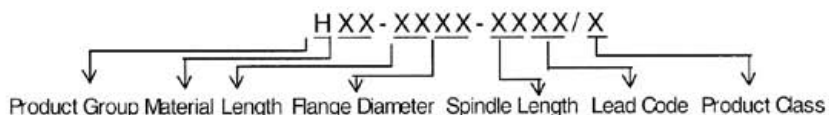


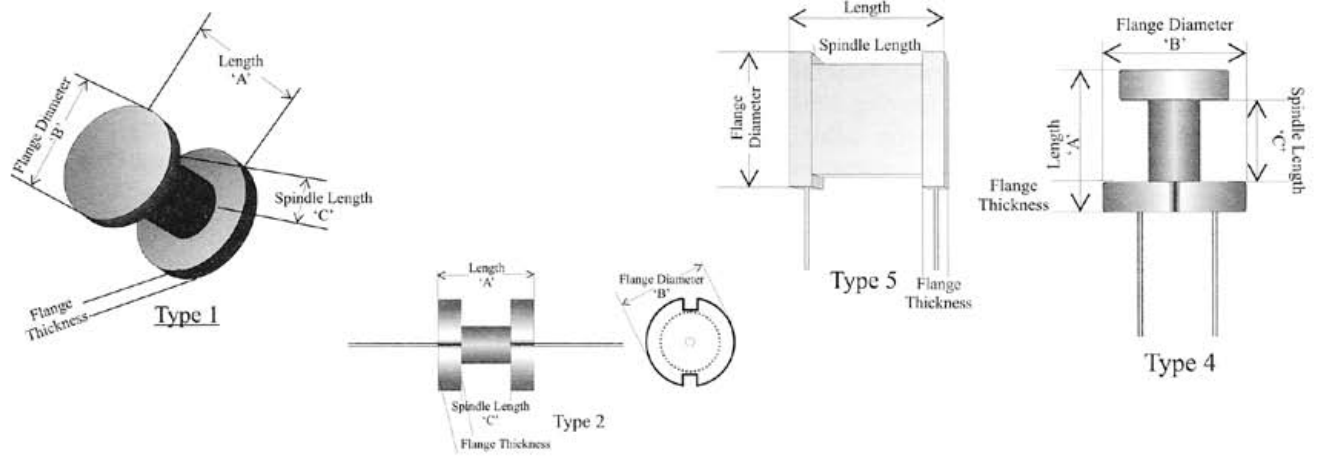
Product Group H: Bobbin Cores

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	Length	Flange	Spindle	Flange	Aw(in ²)
	in	mm			Diameter	Length	Thickness	
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 Length	Flange Thickness	Aw(in ²)
			Length	Diameter			
H01-HVAF-EAK2/1	in	2	0.625	0.063	0.208	0.365	0.03917
	mm		15.875	1.600			
HA1-IOAN-BFK2/1	in	2	0.630	0.115	0.230	0.373	0.02860
	mm		16.002	2.921			
HB2-BFA0-8KK2/1	in	2	0.400	0.050	0.150	0.350	0.03000
	mm		10.160	1.270			
H72-BFA0-8KK2/1	in	2	0.400	0.050	0.150	0.350	0.03000
	mm		10.160	1.270			
H01-EA5L-BFK2/1	in	2	0.500	0.050	0.107	0.196	0.01780
	mm		12.700	1.270			
H52-EA5L-BFK2/1	in	2	0.500	0.050	0.107	0.196	0.01780
	mm		12.700	1.270			
HB2-EA5L-BFK2/1	in	2	0.500	0.050	0.107	0.196	0.01780
	mm		12.700	1.270			
H01-LFAQ-EAK2/1	in	2	0.750	0.125	0.197	0.375	0.04450
	mm		19.050	3.175			
H52-LFAQ-EAK2/1	in	2	0.750	0.125	0.197	0.375	0.04450
	mm		19.050	3.175			
HB2-LFAQ-EAK2/1	in	2	0.750	0.125	0.197	0.375	0.04450
	mm		19.050	3.175			
H01-LFAN-EAK2/1	in	2	0.750	0.125	0.187	0.373	0.04650
	mm		19.050	3.175			
H52-LFAN-EAK2/1	in	2	0.750	0.125	0.187	0.373	0.04650
	mm		19.050	3.175			
HB2-LFAN-EAK2/1	in	2	0.750	0.125	0.187	0.373	0.04650
	mm		19.050	3.175			