

Main Parameters of 6 Types of Magnetic Materials

Magnetic Material Type	Maximum Magnetic Energy Product (BH)_{max}/ MGOe	Coercive Force (Br)/ KGS	Coercivity (H_{cb})/ kOe	Intrinsic Coercivity (H_{cj})/ kOe	Working Temperature (WT)/°C	Curie Temperature (CT)/°C
NdFeB (Sintered)	30~52	11~15.2	10~14	12~30	80~230	310~350
NdFeB (Bonded)	3~13	2.9~7.6	2.5~5.9	8~14	100~150	450
AlNiCo	1.2~1.3	8~14	0.48~1.95	0.5~2	450~550	760~890
Ferrite-s	0.8~5.2	2~4.4	1.8~4	2~4.5	250	450
SmCo ₅	15~24	8.5~10.5	8~10	15~30	250	750
Sm ₂ Co ₁₇	22~32	10~11.4	9~10.6	15~30	250~350	800