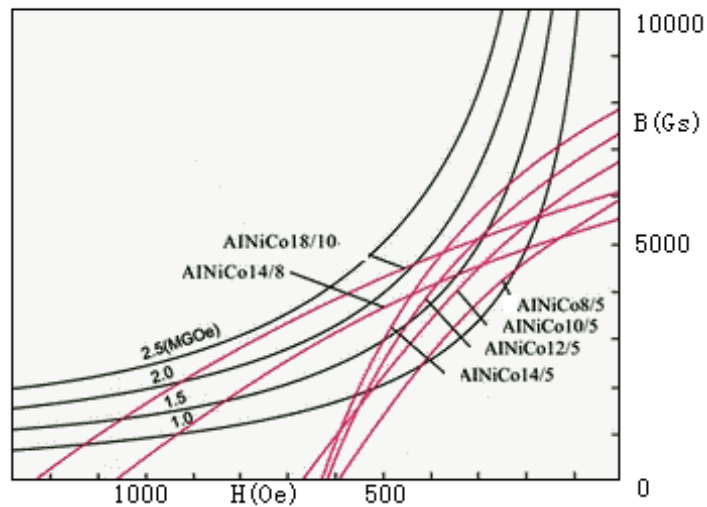


Isotropy AlNiCo alloy

Characteristics	Max Energy Product (BH)max.	Residual Induction Br	Coercive Force HcB	Intrinsic Coercive Force Hcj	Recoil Permeability μ_{rec}	Density ρ	Temp. Coefficient α (Br)	Curie Temp. Tc	Proposal Coercive Field
Grade	MGOe (kJ/m ³)	KGs (mT)	Oe (KA/m)	Oe (KA/m)	--	g/cm ³	%/K	°C	KOe(KA/m)
AlNiCo8/5	1.0-1.2 (8.5-9.5)	5.3-6.2 (530-620)	560-620 (45-50)	590-650 (47-52)	4.5	6.8	-0.02	750	2.5 (200)
AlNiCo10/5	1.2-1.4 (9.5-11)	6.3-7.0 (630-700)	600-700 (48-56)	630-730 (50-58)	5.0	6.8	-0.02	780	2.5 (200)
AlNiCo12/5	1.4-1.6 (11-13)	7.0-7.5 (700-750)	630-700 (50-56)	660-730 (53-58)	5.0	7.0	-0.02	800	2.5 (200)
AlNiCo14/5	1.6-1.9 (13-15)	7.3-8.0 (730-800)	590-630 (47-50)	620-660 (50-53)	5.0	7.1	-0.02	790	2.5 (200)
AlNiCo14/8	1.8-2.0 (14-16)	5.5-6.1 (550-610)	950-1100 (75-88)	1000-1150 (80-92)	3.2	7.1	-0.01	850	3.8 (300)
AlNiCo18/10	2.0-2.4 (16-19)	5.7-6.2 (570-620)	1150-1250 (92-100)	1240-1340 (99-107)	3.2	7.2	-0.01	860	3.8 (300)





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