

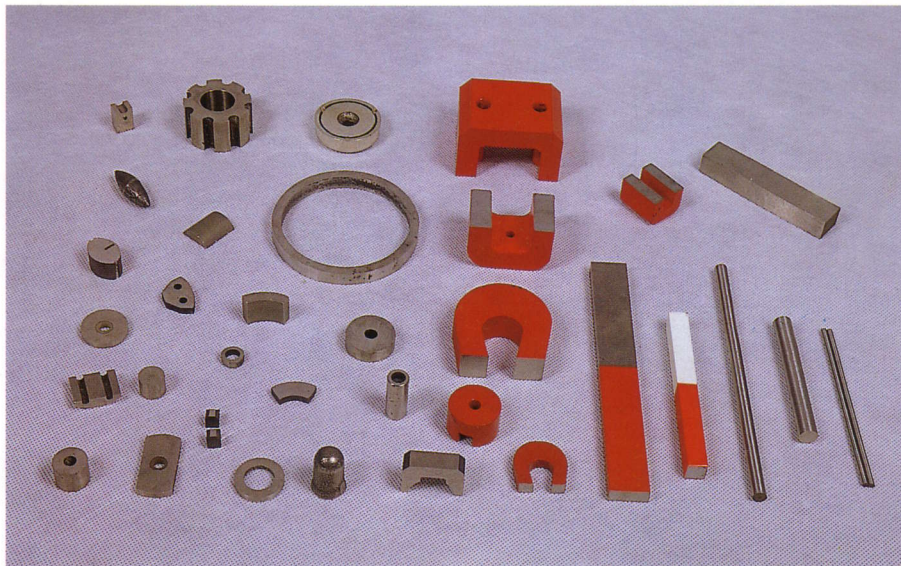
Cast Al-Ni-Co Magnets

Due to the good performance of high residual induction and good temperature stability (maximum operating temperature up to 550°C), Cast Al-Ni-Co Magnets are widely used in various applications, such as measuring instruments, micro-motors, sensors, generators, magnetic switches, loudspeakers, etc.

The magnetic characteristics of Cast Al-Ni-Co magnets (tested at 20°C):

Grade	Br		Hcj		(BH)max		Density g/cm ³	Equivalent MMPA Grade	Curie Temp. °C	Working Temp. °C
	mT	Gs	kA/m	Oe	kJ/m ³	MGOe				
LN9	680	6800	30	380	9.0	1.13	6.9	Alnico 3	810	450
LN10	600	6000	40	500	10.0	1.20	6.9		810	450
LNG12	720	7200	45	500	12.4	1.55	7.0	Alnico 2	810	450
LNG13	700	7000	48	600	12.8	1.60	7.0			
LNG37	1200	12000	48	600	37.0	4.65	7.3	Alnico 5	860	525
LNG40	1250	12500	48	600	40.0	5.00	7.3			
LNG44	1250	12500	52	650	44.0	5.50	7.3			
LNG52	1300	13000	56	700	52.0	6.50	7.3	Alnico 5 DG		
LNG60	1350	13500	59	740	60.0	7.5	7.3	Alnico 5-7		
LNGT28	1000	10000	58	720	28.0	3.50	7.3	Alnico 6	860	525
LNGT36J	700	7000	140	1750	36.0	4.50	7.3	Alnico 8 HC	860	550
LNGT18	580	5800	100	1250	18.0	2.2	7.3	Alnico 8	860	550
LNGT32	800	8000	100	1250	32.0	4.0	7.3	Alnico 8	860	550
LNGT40	800	8000	110	1380	40.0	5.0	7.3			
LNGT60	900	9000	110	1380	60.0	7.50	7.3	Alnico 8	860	550
LNGT72	1050	10500	120	1400	72.0	9.00	7.3			

★ Grade LN9, LN10, LNG12, LNG13, LNGT18 are isotropic types, the other grades are anisotropic types.



Your Reliable Magnet Source from China!