

## Property chart of Permanent magnets

	Nd-Fe-B magnet		Sm-Co magnet	AlNiCo magnet		Fe-Cr-Co magnet		Ferrite magnet	
	Sinter	Injection/ Compression/ Rubber	Sinter	Cast	Sinter	Cast	Rolled	Sinter	Injection/ Compression/ Rubber
Remanence [ Br ]	◎	△	○	◎	◎	◎	◎	△	×
Coercive Force [ Hcj ]	◎	○	◎	×	×	×	×	△	△
Intrinsic Coercivity [ Hcb ]	◎	○	◎	×	×	×	×	△	△
Maximum Energy Product [(BH)max ]	◎	○	◎	△	△	△	△	△	×
Heat Resistance	△	△	◎	◎	◎	◎	◎	○	△
Corrosion Resistance [ No plating ]	×	×	◎	◎	◎	○	○	◎	○
Brittleness [ No plating ]	○	○	×	○	○	○	◎	×	○
Economic efficiency	○	○	△	△	△	△	×	◎	◎
Distribution amount of market	◎	◎	△	△	×	△	×	◎	○
Patent	○	×	×	×	×	×	×	×	×

legend ◎=very many [ high ] ○=many [ high ] △=few [ low ] ×=very few [ low ]