

# Infinity Auto Comp

BUILT FOR INFINITY, CRAFTED WITH QUALITY

NdFeB Magnet & Ferrite magnets & SmCo Magnet &  
AlNiCo Magnet & Related assemblies



The enterprise culture

**“QUALITY FIRST, CUSTOMERS SATISFACTION”**



# MAGNET CATALOG

1

**Permanent Sintered Neodymium-Ferrum-Boron(NdFeB) Magnet**

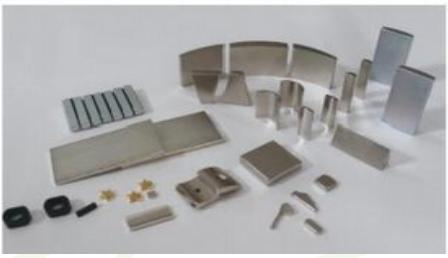
2

**Ferrite Magnet**



3

**Samarium- Cobalt(SmCo) Magnet**



4

**Aluminum-Nickel-Cobalt(AlNiCo) magnet**

5

**Related Assemblings**

# Magnetic Property

## Magnetic Properties

Series	Grade	Remanence		Magnetic Inductio		Intrinsic Coercivity		Max Magnetic Energy Product				Maximum Working Temperature≤	
		Br ( KG)	Br (T)	Hcb (KOe)	Hcb (KA/m)	Hcj (KOe)	Hcj (KA/m)	(BH)max(MGOe) Max	(BH)max(MGOe) Min	(BH)max(KJ/m³) Max	(BH)max(KJ/m³) Min	℃	℃
N	N35	≥11.8	≥1.18	≥10.8	≥860	≥12	≥960	37	33	295	263	N	≤80
	N38	≥12.3	≥1.23	≥10.8	≥860	≥12	≥960	39	36	310	287		
	N40	≥12.7	≥1.27	≥11.0	≥876	≥12	≥960	41	38	327	302		
	N42	≥13.0	≥1.30	≥11.0	≥876	≥12	≥960	43	40	343	320		
	N45	≥13.3	≥1.33	≥11.0	≥876	≥12	≥960	46	42	366	335		
	N48	≥13.7	≥1.37	≥10.5	≥836	≥12	≥960	49	45	390	358		
	N50	≥14.0	≥1.40	≥10.5	≥836	≥12	≥960	51	47	406	374		
	N52	≥14.2	≥1.42	≥10.5	≥836	≥12	≥960	53	49	422	390		
	N54	≥14.4	≥1.44	≥10.5	≥836	≥11	≥876	55	51	438	406		
M	N35M	≥11.8	≥1.18	≥10.8	≥860	≥14	≥1114	37	33	295	263	M	≤100
	N38M	≥12.3	≥1.23	≥11.0	≥876	≥14	≥1114	39	36	310	287		
	N40M	≥12.7	≥1.27	≥11.5	≥915	≥14	≥1114	41	38	327	302		
	N42M	≥13.0	≥1.30	≥11.8	≥939	≥14	≥1114	43	40	343	320		
	N45M	≥13.3	≥1.33	≥12.0	≥956	≥14	≥1114	46	42	366	335		
	N48M	≥13.7	≥1.37	≥12.2	≥972	≥14	≥1114	49	45	390	358		
	N50M	≥14.0	≥1.40	≥12.5	≥995	≥14	≥1114	51	47	406	374		
	N52M	≥14.2	≥1.42	≥12.5	≥995	≥14	≥1114	53	49	422	390		
H	N33H	≥11.4	≥1.14	≥10.6	≥844	≥17	≥1350	35	31	279	247	H	≤120
	N35H	≥11.8	≥1.18	≥10.8	≥860	≥17	≥1350	37	33	295	263		
	N38H	≥12.3	≥1.23	≥11.0	≥876	≥17	≥1350	39	36	310	287		
	N40H	≥12.7	≥1.27	≥11.5	≥916	≥17	≥1350	41	38	327	302		
	N42H	≥13.0	≥1.30	≥11.8	≥940	≥17	≥1350	43	40	343	320		
	N45H	≥13.3	≥1.33	≥12.0	≥955	≥17	≥1350	46	42	366	335		
	N48H	≥13.6	≥1.36	≥12.2	≥971	≥17	≥1350	49	45	390	358		
	N50H	≥14	≥1.4	≥12.5	≥995	≥17	≥1350	51	47	406	374		
	N52H	≥14.3	≥1.43	≥12.5	≥995	≥17	≥1350	53	49	422	390		



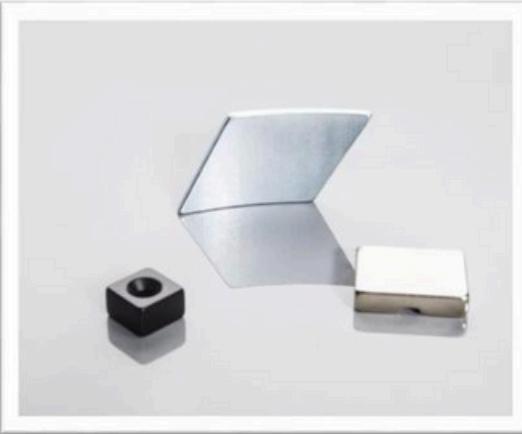
# Magnetic Property

## Magnetic Properties

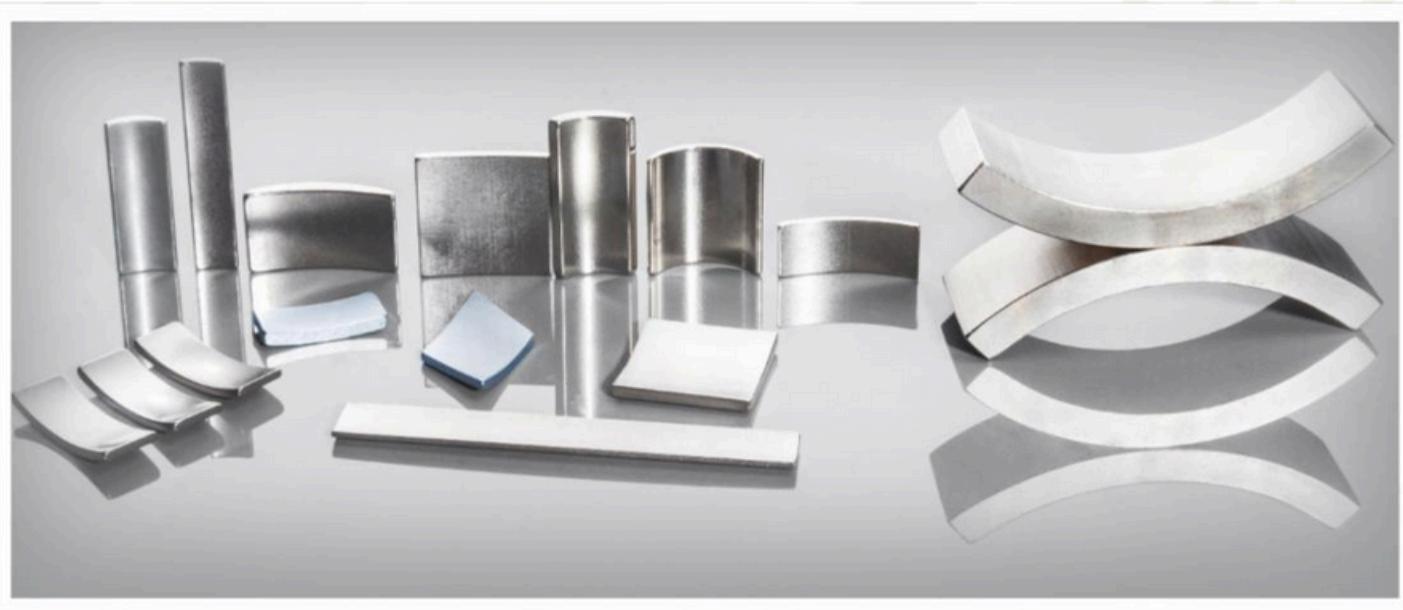
Series	Grade	Remanence		Magnetic Inductio		Intrinsic Coercivity		Max Magnetic Energy Product				Maximum Working Temperature≤	
		Br ( KG )	Br ( T )	Hcb ( KOe )	Hcb ( KA/m )	Hcj ( KOe )	Hcj ( KA/m )	(BH)max(MGOe) Max	(BH)max(MGOe) Min	(BH)max(KJ/m³) Max	(BH)max(KJ/m³) Min	℃	℃
SH	N35SH	≥11.8	≥1.18	≥10.8	≥860	≥20	≥1592	37	33	295	263	SH	≤150
	N38SH	≥12.3	≥1.23	≥11.0	≥876	≥20	≥1592	39	36	310	287		
	N40SH	≥12.6	≥1.26	≥11.5	≥916	≥20	≥1592	41	38	327	302		
	N42SH	≥12.9	≥1.29	≥11.8	≥940	≥20	≥1592	43	40	343	320		
	N45SH	≥13.2	≥1.32	≥12.0	≥955	≥20	≥1592	46	42	366	335		
	N48SH	≥13.6	≥1.36	≥12.2	≥971	≥20	≥1592	49	45	390	358		
	N50SH	≥14	≥1.4	≥12.5	≥995	≥20	≥1592	51	47	406	374		
UH	N33UH	≥11.4	≥1.14	≥10.6	≥844	≥25	≥1990	35	31	279	247	UH	≤180
	N35UH	≥11.8	≥1.18	≥10.8	≥860	≥25	≥1990	37	33	295	263		
	N38UH	≥12.3	≥1.23	≥11.0	≥876	≥25	≥1990	39	36	310	287		
	N40UH	≥12.6	≥1.26	≥11.5	≥916	≥25	≥1990	41	38	327	302		
	N42UH	≥12.9	≥1.29	≥11.8	≥940	≥25	≥1990	43	40	343	320		
	N45UH	≥13.2	≥1.32	≥12.0	≥955	≥25	≥1990	46	42	366	335		
	N48UH	≥13.6	≥1.36	≥12.2	≥971	≥25	≥1990	49	45	390	358		
EH	N28EH	≥10.4	≥1.04	≥9.50	≥756	≥30	≥2388	30	26	239	207	EH	≤200
	N30EH	≥10.8	≥1.08	≥9.50	≥756	≥30	≥2388	32	28	255	223		
	N33EH	≥11.4	≥1.14	≥10.6	≥844	≥30	≥2388	35	31	279	247		
	N35EH	≥11.8	≥1.18	≥10.8	≥860	≥30	≥2388	37	33	295	263		
	N38EH	≥12.3	≥1.23	≥11.0	≥876	≥30	≥2388	39	36	310	287		
	N40EH	≥12.6	≥1.26	≥11.5	≥916	≥30	≥2388	41	38	327	302		
	N42EH	≥12.9	≥1.29	≥11.8	≥940	≥30	≥2388	43	41	343	320		
TH	N45EH	≥13.2	≥1.32	≥12.0	≥955	≥30	≥2388	46	42	366	335	TH	≤220
	N30TH	≥10.8	≥1.08	≥9.50	≥756	≥35	≥2786	32	28	255	223		
	N33TH	≥11.4	≥1.14	≥10.6	≥844	≥35	≥2786	35	31	279	247		
	N35TH	≥11.8	≥1.18	≥11.0	≥876	≥35	≥2786	37	33	295	263		
	N38TH	≥12.2	≥1.22	≥11.0	≥876	≥33	≥2627	39	36	310	287		



# Product : NdFeB magnet



Sophisticated  
magnets  
made in  
Ningbo Rich  
Magnetic  
factory





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