

[Neodymium-magnets](#)

China United Magnet has proven production process, strict quality assurance, complete technical service and remarkable cost performance.

NdFeB magnet is an alloy magnet made from Nd, Fe, B and other trace metal elements.

High coercive force and high magnetic energy product.

Brittle & hard

High resistance to demagnetization

Good temperature stability depending on models, can stand 80-200°C temperature.

Require surface treatment to prevent corrosion



products name: Ndfeb Magnet Sintered

Model No: Ndfeb Magnet Sintered

[Related Keywords:] [Neodymium-magnets](#) [China Magnets](#)

Key Applications

Sintered NdFeB magnet can be used for a wide range, including DVD pick-up/CD-ROM reader/laser head, nuclear magnetic resonance, coil motor, speaker, motor and various magnetic sensors and electronic magnetic force control units.

Coating and Anti-corrosive of NdFeB Magnet

Coating	Nickel	NiCuNi	Zinc	Ni-Sn	Ni-Au	Ni-Ag	Epoxy
Corrosive Resistance	Good	Excellent	Good	Good	Good	Good	Very Good
Color	Silver	Silver	White Blue	Silver	Gold	Silver	Black/Gray

Technical data of sintered NdFeB Magnet

Grade	BrmT(kGs)	Hcb kA/m (kOe)	Hcj kA/m (kOe)	BH max kJ/m ³ (MGOe)	Max. Tw
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N27	1030-1080 (10.3-10.8)	≥ 796 (≥ 10.0)	≥ 955 (≥ 12)	199-231 (25-29)	80 °C
N30	1080-1130 (10.8-11.3)	≥ 796 (≥ 10.0)	≥ 955 (≥ 12)	223-247 (28-31)	80 °C
N33	1130-1170 (11.3-11.7)	≥ 836 (≥ 10.5)	≥ 955 (≥ 12)	247-271 (31-34)	80 °C
N35	1170-1220(11.7-12.2)	≥ 868 (≥ 10.9)	≥ 955 (≥ 12)	263-287 (33-36)	80 °C
N38	1220-1250 (12.2-12.5)	≥ 899 (≥ 11.3)	≥ 955 (≥ 12)	287-310 (36-39)	80 °C
N40	1250-1280 (12.5-12.8)	≥ 907 (≥ 11.4)	≥ 955 (≥ 12)	302-326 (38-41)	80 °C
N42	1280-1320 (12.8-13.2)	≥ 915 (≥ 11.5)	≥ 955 (≥ 12)	318-342 (40-43)	80 °C
N45	1320-1380 (13.2-13.8)	≥ 923 (≥ 11.6)	≥ 955 (≥ 12)	342-366 (43-46)	80 °C
N48	1380-1420 (13.8-14.2)	≥ 923 (≥ 11.6)	≥ 876 (≥ 12)	366-390 (46-49)	80 °C
N50	1400-1450 (14.0-14.5)	≥ 796 (≥ 10.0)	≥ 876 (≥ 11)	382-406 (48-51)	60 °C
N52	1430-1480 (14.3-14.8)	≥ 796 (≥ 10.0)	≥ 876 (≥ 11)	398-422 (50-53)	60 °C
30M	1080-1130 (10.8-11.3)	≥ 796 (≥ 10.0)	≥ 1114 (≥ 14)	223-247 (28-31)	100 °C
33M	1130-1170 (11.3-11.7)	≥ 836 (≥ 10.5)	≥ 1114 (≥ 14)	247-263 (31-33)	100 °C
35M	1170-1220 (11.7-12.2)	≥ 868 (≥ 10.9)	≥ 1114 (≥ 14)	263-287 (33-36)	100 °C
38M	1220-1250 (12.2-12.5)	≥ 899 (≥ 11.3)	≥ 1114 (≥ 14)	287-310 (36-39)	100 °C
40M	1250-1280 (12.5-12.8)	≥ 923 (≥ 11.6)	≥ 1114 (≥ 14)	302-326(38-41)	100 °C
42M	1280-1320 (12.8-13.2)	≥ 955 (≥ 12.0)	≥ 1114 (≥ 14)	318-342 (40-43)	100 °C
45M	1320-1380 (13.2-13.8)	≥ 995 (≥ 12.5)	≥ 1114 (≥ 14)	342-366 (43-46)	100 °C
48M	1360-1430 (13.6-14.3)	≥ 1027 (≥ 12.9)	≥ 1114 (≥ 14)	366-390 (46-49)	100 °C
50M	1400-1450 (14.0-14.5)	≥1033 (≥ 13.0)	≥ 1114 (≥ 14)	382-406 (48-51)	100 °C
30H	1080-1130 (10.8-11.3)	≥ 796 (≥ 10.0)	≥ 1353 (≥ 17)	223-247 (28-31)	120 °C
33H	1130-1170 (11.3-11.7)	≥836 (≥ 10.5)	≥ 1353 (≥ 17)	247-271 (31-34)	120 °C
35H	1170-1220 (11.7-12.2)	≥ 868 (≥ 10.9)	≥ 1353 (≥ 17)	263-287 (33-36)	120 °C
38H	1220-1250 (12.2-12.5)	≥ 899 (≥ 11.3)	≥ 1353 (≥ 17)	287-310 (36-39)	120 °C
40H	1250-1280 (12.5-12.8)	≥ 923 (≥ 11.6)	≥ 1353 (≥ 17)	302-326 (38-41)	120 °C
42H	1280-1320 (12.8-13.2)	≥ 955 (≥ 12.0)	≥ 1353 (≥ 17)	318-342 (40-43)	120 °C
45H	1300-1360 (13-13.6)	≥ 963 (≥ 12.1)	≥ 1353 (≥ 17)	326-358 (43-46)	120 °C
48H	1370-1430 (13.7-14.3)	≥ 995 (≥ 12.5)	≥ 1353 (≥ 17)	366-390 (46-49)	120 °C
30SH	1080-1130 (10.8-11.3)	≥ 804 (≥ 10.1)	≥ 1592 (≥ 20)	223-247 (28-31)	150 °C
33SH	1130-1170 (11.3-11.7)	≥ 844 (≥ 10.6)	≥ 1592 (≥ 20)	247-271 (31-34)	150 °C
35SH	1170-1220 (11.7-12.2)	≥ 876 (≥ 11.0)	≥ 1592 (≥ 20)	263-287 (33-36)	150 °C
38SH	1220-1250 (12.2-12.5)	≥ 907 (≥ 11.4)	≥ 1592 (≥ 20)	287-310 (36-39)	150 °C
40SH	1240-1280 (12.5-12.8)	≥ 939 (≥ 11.8)	≥ 1592 (≥ 20)	302-326 (38-41)	150 °C
42SH	1280-1320 (12.8-13.2)	≥ 987 (≥ 12.4)	≥ 1592 (≥ 20)	318-342 (40-43)	150 °C
45SH	1320-1380 (13.2-13.8)	≥ 1003 (≥ 12.6)	≥ 1592 (≥ 20)	342-366 (43-46)	150 °C
28UH	1020-1080 (10.2-10.8)	≥ 764 (≥ 9.6)	≥ 1990 (≥ 25)	207-231 (26-29)	180 °C
30UH	1080-1130 (10.8-11.3)	≥ 812 (≥ 10.2)	≥ 1990 (≥ 25)	223-247 (28-31)	180 °C
33UH	1130-1170 (11.3-11.7)	≥ 852 (≥ 10.7)	≥ 1990 (≥ 25)	247-271 (31-34)	180 °C
35UH	1180-1220 (11.8-12.2)	≥ 860 (≥ 10.8)	≥ 1990 ≥ 25)	263-287 (33-36)	180 °C
38UH	1220-1250 (12.2-12.5)	≥ 876 (≥ 11.0)	≥ 1990 (≥ 25)	287-310 (36-39)	180 °C

40UH	1240-1280 (12.5-12.8)	≥ 899 (≥ 11.3)	≥ 1990 (≥ 25)	302-326 (38-41)	180 °C
28EH	1040-1090 (10.4-10.9)	≥ 780 (≥ 9.8)	≥ 2388 (≥ 30)	207-231 (26-29)	200 °C
30EH	1080-1130 (10.8-11.3)	≥ 812 (≥ 10.2)	≥ 2388 (≥ 30)	223-247 (28-31)	200 °C
33EH	1130-1170 (11.3-11.7)	≥ 836 (≥ 10.5)	≥ 2388 (≥ 30)	247-271 (31-34)	200 °C
35EH	1170-1220 (11.7-12.2)	≥ 876 (≥ 11.0)	≥ 2388 (≥ 30)	263-287 (33-36)	200 °C
38EH	1220-1250 (12.2-12.5)	≥ 899 (≥ 11.3)	≥ 2388 (≥ 30)	287-310 (36-39)	200 °C

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