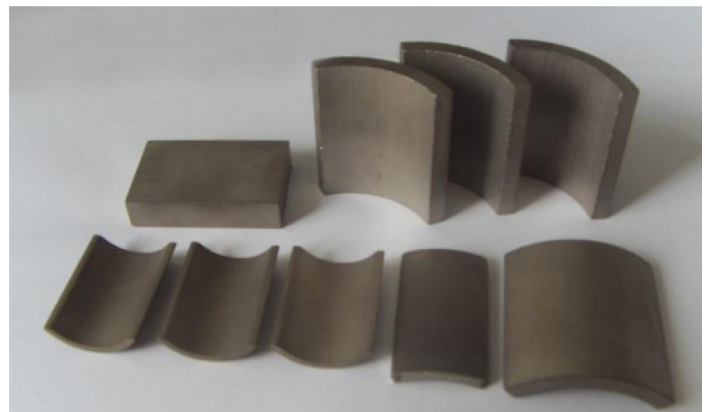


Magnet Products

NdFeB 磁钢 NdFeB Magnet



SmCo磁钢 SmCo Magnet



磁棒 Magnetic Bar



ECOGREEN TECHNOLOGIES (S) PTE LTD

NdFeB 磁钢 NdFeB Magnet

NdFeB magnet is an alloy magnet made from Nd,Fe,B and other trace metal elements. It is a rare earth magnet known so far for the strongest magnetism as well as high performance (8MGOe-55MGOe) and good coercive force. Proven production process, strict quality assurance, complete technical service and remarkable cost performance.

烧结钕铁硼主要性能参数					Technical Data of Sintered NdFeB Magnet				
牌号 Grade	Br		Hcb		Hcj		(BH)max		(Tw)
	mT	(kGs)	kA/m	(kOe)	kA/m	(kOe)	kJ/m3	(MGOe)	
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
28AH	1040-1090	(10.4-10.9)	≥ 787	(≥ 9.9)	≥ 2624	(≥ 33)	207-231	(26-29)	230 °C
30AH	1080-1130	(10.8-11.3)	≥ 819	(≥ 10.3)	≥ 2624	(≥ 33)	223-247	(28-31)	230 °C
33AH	1130-1170	(11.3-11.7)	≥ 843	(≥ 10.6)	≥ 2624	(≥ 33)	247-271	(31-34)	230 °C

ECOGREEN TECHNOLOGIES (S) PTE LTD

SmCo磁钢 SmCo Magnet

SmCo magnet is a high-capacity permanent magnet made from Sm, Co and other trace metal elements. Besides a max working temperature of 350°C, it has remarkable resistance against corrosion and oxidation. SmCo magnet is divided into two types: SmCo5 and Sm2Co17.

材料	牌号	磁能积		剩磁		矫顽力		内禀矫顽力		密度	剩磁温度系数	居里温度	工作温度
Material	Grade	Energy Product (BH)max		Residual Induction Br(min-max)		Coercive Force Hcb(min-max)		Intrinsic Coercive Force Hcj(min-max)		Density D	Rev. Temp Coeff α(Br)	Curie Temp TC	Max Working Temp Tw
		KJ/m3	MGsOe	T	KGs	KA/m	KOe	KA/m	KOe	g/cm3	%/°C	°C	°C
SmCo5	XG16	120~143	15~18	0.77-0.86	7.7-8.6	613-716	7.7-9.0	≥1194	≥15.0	8.3	-0.04	≥740	250
	XG16H	120~143	15~18	0.77-0.86	7.7-8.6	613-716	7.7-9.0	≥1592	≥20.0				
	XG18	135~159	17~20	0.81~0.92	8.1~9.2	637~756	8.0~9.5	≥1194	≥15.0				
	XG18H	135~159	17~20	0.81~0.92	8.1~9.2	637~756	8.0~9.5	≥1592	≥20.0				
	XG20	151~175	19~22	0.85~0.95	8.5~9.5	637~756	8.0~9.5	≥1194	≥15.0				
	XG20H	151~175	19~22	0.85~0.95	8.5~9.5	637~756	8.0~9.5	≥1592	≥20.0				
	XG22	167~191	21~24	0.89~1.0	8.9~10.0	661~772	8.3~9.7	≥1194	≥15.0				
	XG22H	167~191	21~24	0.89~1.0	8.9~10.0	661~772	8.3~9.7	≥1592	≥20.0				
Sm2Co17	XGS24M	175~199	22~25	0.92~1.04	9.2~10.4	318~788	4.0~9.9	398~1194	5.0~15.0	8.4	-0.03	≥850	350
	XGS24	175~199	22~25	0.92~1.04	9.2~10.4	661~796	8.3~10.0	1194~1990	15.0~25.0				
	XGS24H	175~199	22~25	0.92~1.04	9.2~10.4	661~804	8.3~10.1	> 1990	> 25.0				
	XGS26M	191~215	24~27	1.0~1.06	10.0~10.6	318~796	4.0~10.0	398~1194	5.0~15.0				
	XGS26	191~215	24~27	1.0~1.06	10.0~10.6	677~820	8.5~10.3	1194~1990	15.0~25.0				
	XGS26H	191~215	24~27	1.0~1.06	10.0~10.6	677~820	8.5~10.3	> 1990	> 25.0				
	XGS28M	207~231	26~29	1.04~1.10	10.4~11.0	318~804	4.0~10.1	398~1194	5.0~15.0				
	XGS28	207~231	26~29	1.04~1.10	10.4~11.0	677~820	8.5~10.3	1194~1990	15.0~25.0				
	XGS28H	207~231	26~29	1.04~1.10	10.4~11.0	677~820	8.5~10.3	> 1990	> 25.0				
	XGS30M	223~247	28~31	1.07~1.12	10.7~11.2	318~804	4.0~10.1	398~1194	5.0~15.0				
	XGS30	223~247	28~31	1.07~1.12	10.7~11.2	700~828	8.8~10.4	1194~1990	15.0~25.0				
	XGS30H	223~247	28~31	1.07~1.12	10.7~11.2	700~828	8.8~10.4	> 1990	> 25.0				
	XGS32M	231~255	29~32	1.09~1.15	10.9~11.5	318~804	4.0~10.1	398~955	5.0~12.0				
	XGS32	231~255	29~32	1.09~1.15	10.9~11.5	716~836	9.0~10.5	> 955	> 12.0				
低温度系数 Low Temp Coeff Sm2Co17	XGS22LT	159~183	20~23	0.90~0.99	9.0~9.9	677~756	8.5~9.5	≥1194	≥15.0	8.4	-0.015	≥850	350
	XGS24LT	175~199	22~25	0.92~1.02	9.2~10.2	677~756	8.5~9.5	≥1194	≥15.0				

ECOGREEN TECHNOLOGIES (S) PTE LTD

磁棒 Magnetic Bar

Magnetic Bar provide effective means removing ferrous chips and metal particles from loosely packed, free flowing materials. They are usually made of 304 stainless steel tubes, or 316 stainless steel tubes for special domains filled with Rare Earth Magnet. Either round or square shape bars are available for customers desire for special applications.

Our standard bars is 25mm.(1 inch) in diameter and any length per customers' request up to 2500mm. Besides, we also take special orders, such as square shape magnetic bars

Representation: for example [CB 12000GS 25×200 H M8×20-1]

磁棒 Magnetic Bar	表磁 Magnetic force (GS)	直径 Diameter(mm)	长度 Length(mm)	耐温 Working temperature	M螺纹孔 Screw
CB	12000	Φ25	200	H	M8×20

Max Working Temperature: ①N : 80℃ ; ②M : 100℃ ; ③H : 120℃ ; ④SH : 150℃ ; ⑤UH : 180℃; ⑥EH : 200℃

Following is the relationship between diameter, magnetic force and maximum operation temperature for reference.

"√"means it can be manufactured on the condition of the diameters listed in the table."-"means can not be manufactured

magnetic force Out diameter	4000GS	5000GS	6000GS	7000GS	8000GS	10000GS	11000GS	12000GS
Φ6(0.24")	√UH	/	/	/	/	/	/	/
Φ8(0.31")	√UH	/	/	/	/	/	/	/
Φ9(0.35")	√UH	/	/	/	/	/	/	/
Φ10(0.39")	√UH	/	/	/	/	/	/	/
Φ12(0.47")	√UH	√UH	/	/	/	/	/	/
Φ16(0.63")	√UH	√UH	√UH	/	/	/	/	/
Φ19 (0.75")	√UH	√UH	√UH	√UH	/	/	/	/
Φ20.3(0.80")	√UH	√UH	√UH	√UH	/	/	/	/
Φ22 (0.85")	√UH	√UH	√UH	√UH	√UH	/	/	/
Φ25 (1.00")	√UH	√UH	√UH	√UH	√UH	√UH	√N	√N
Φ32 (1.25")	√UH	√UH	√UH	√UH	√UH	√UH	√N	√N
Φ38 (1.50")	√UH	√UH	√UH	√UH	√UH	√UH	√N	√N
Φ50 (1.75")	√UH	√UH	√UH	√UH	√UH	√UH	√N	√N
Φ63(2.48")	√UH	√UH	√UH	√UH	√UH	√UH	√N	√N