



Professional Manufacturer For
Permanent Magnet & Magnetic Assemblies

COMPANY PROFILE

Ningbo Besten Magnet Co., Ltd is a professional company which is specialized in manufacturing and exporting permanent magnets, include NdFeB magnet, Ferrite magnet, Alnico magnet, Smco magnet, magnetic assemblies such as Permanent magnet lifter, Permanent magnet chuck, Pot Magnet and Magnet hooks, etc. Our products are widely applied in Auto, Motor, National defense, Speaker, Mobile Phone, Medical machines (MRI) and other instruments.

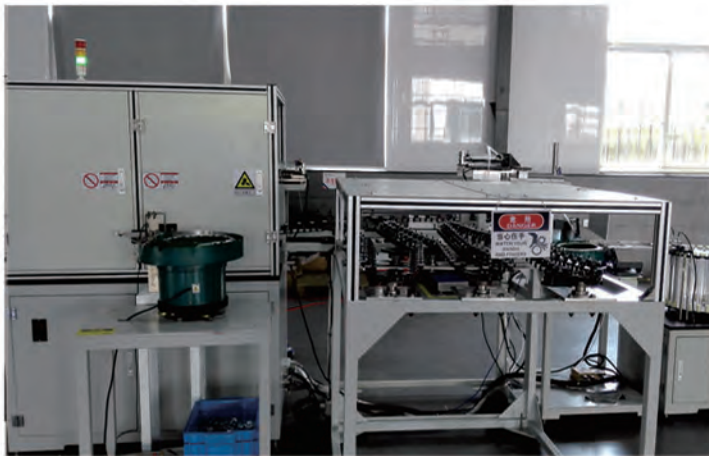
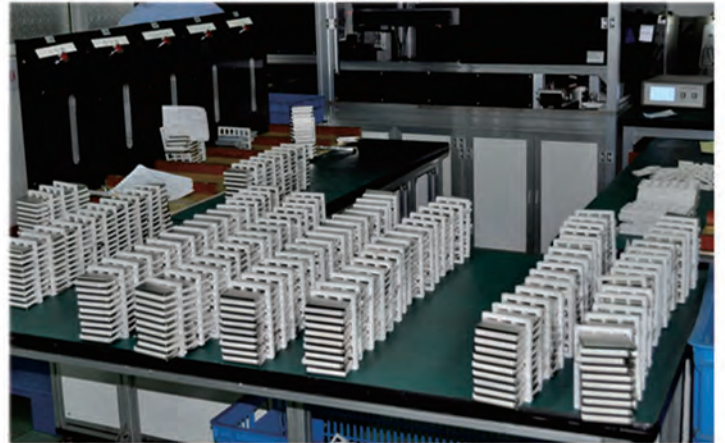
After several-years steady exploitation and expansion, our export turnover increased rapidly, our magnets were well sold to North American, European and Asian market and our main customers are the world famous companies such as LG, FORD, GM, etc. Our present production capacity is over 5000 tons per year.

Depending on advanced technology and premium service, we establish a good and diligent team and keep nice business relationship with a large amount of worthy clients in global market. We are prepared to provide the best products to clients at competitive price. In addition to control of cost and quality, our stipulated lead-time, variety of designs, capability of product development and flexibility of service bring convenience and value added services to the clients.

Adhering to the principles of " Small Profit, Large sales Volume", we hope to cooperate with all partners for mutual success. Welcome to visit us in Ningbo China.



COMPANY OVERVIEW



Technological process



Smelting workshop



Moulding workshop

Material Verification

Pure Fe Derusting

Add Nd, Pr, Dy, B-Fe, Al, Nb, Ga, Mo, Co, Cu

Smelting

H . D

Milling

Moulding

Sintering

Characteristic testing

Machining

Surface treatments

Testing

Storage





Milling workshop



Sintering workshop



Machining workshop



Plating workshop

Testing Center



Magnet Properties Testing



ICP-AES Spectrometer



EXTTER Particle Distribution Instrument



Oxford Layer Test Meter



Oxygen Nitrogen Hydrogen Tester



High Temp. Test Chamber

Testing Center



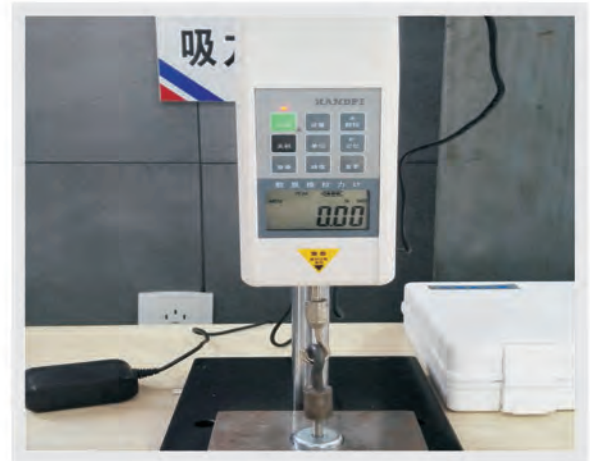
Vision Inspection System



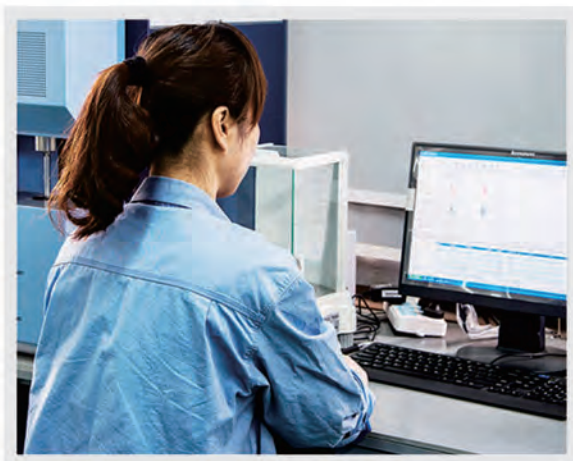
Temp.&Humidity Tester



Salt Spray Chamber



Pull Strength Testing Gage



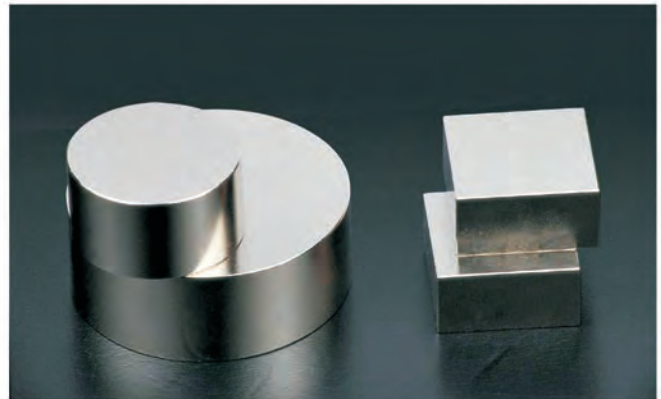
Infrared C-S Analyzer



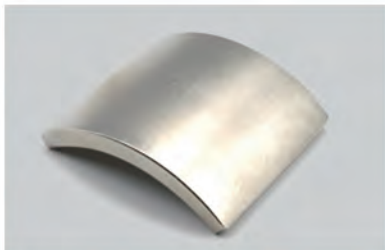
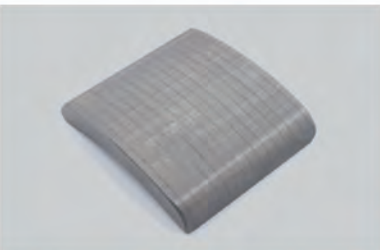
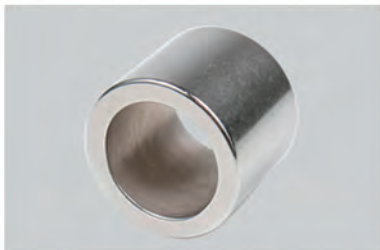
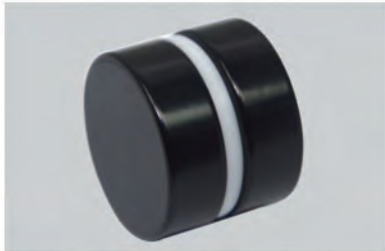
Oxygen Content Tester

Sintered Nd-Fe-B Magnet

The Sintered NdFeB magnet has high remanence, high coercive force, high energy product and high ratio between performance value and product cost. It can be easily formed into various sizes and widely used in industrial areas and Micro products, such as Motor, Auto, National defence, Speaker, Computer, Biology project, Medical treatment, Instrument and Meter etc.



Sintered Nd-Fe-B Magnet

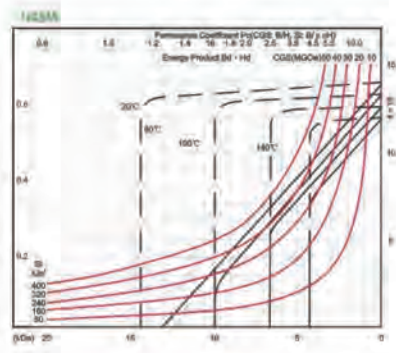
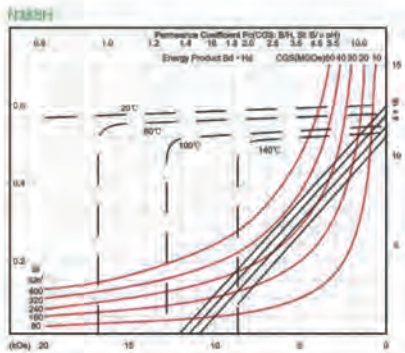


Magnetic Characteristics And Physical Properties of Sintered Nd-Fe-B

Characteristics Grade	Remanence Br mT(kG)	Coerciv Force H _{cb} kOe(kA/m)	Intrinsic Coercivity iH _C kOe(kA/m)	Max Enery Product (BH) max kJ/m ³ (MGOe)	Maximum working Temperature TW(°C)
N35	1180-1230(11.8-12.3)	≥10.9 (≥868)	≥12 (≥955)	263-287(33-36)	80
N38	1230-1260(12.3-12.6)	≥11.3 (≥899)	≥12 (≥955)	287-311(36-39)	80
N40	1260-1290(12.6-12.9)	≥11.4 (≥907)	≥12 (≥955)	302-327(38-41)	80
N42	1290-1330(12.9-13.3)	≥11.5 (≥915)	≥12 (≥955)	318-342(40-43)	80
N45	1330-1370(13.3-13.7)	≥11.6 (≥923)	≥12 (≥955)	342-366(43-46)	80
N48	1370-1410(13.7-14.1)	≥11.6 (≥923)	≥12 (≥955)	366-390(46-49)	80
N50	1400-1450(14.0-14.5)	≥10.5 (≥836)	≥11 (≥876)	382-406(48-51)	60
N52	1430-1480(14.3-14.8)	≥10.5 (≥836)	≥11 (≥876)	398-422(50-53)	60
33M	1130-1180(11.3-11.8)	≥10.5 (≥836)	≥14 (≥1114)	247-271(31-34)	100
35M	1180-1230(11.8-12.3)	≥10.9 (≥868)	≥14 (≥1114)	271-287(34-36)	100
38M	1230-1260(12.3-12.6)	≥11.3 (≥899)	≥14 (≥1114)	287-311(36-39)	100
40M	1260-1290(12.6-12.9)	≥11.6 (≥923)	≥14 (≥1114)	302-327(38-41)	100
42M	1290-1330(12.9-13.3)	≥12.0 (≥955)	≥14 (≥1114)	318-342(40-43)	100
45M	1330-1370(13.3-13.7)	≥12.5 (≥955)	≥14 (≥1114)	342-366(43-46)	100
48M	1370-1410(13.7-14.1)	≥12.9 (≥1027)	≥14 (≥1114)	358-390(45-49)	100
50M	1400-1450(14.0-14.5)	≥13.0 (≥1033)	≥14 (≥1114)	382-406(48-51)	100
30H	1080-1130(10.8-11.3)	≥10.2 (≥812)	≥17 (≥1353)	223-247(28-31)	120
33H	1130-1180(11.3-11.8)	≥10.5 (≥836)	≥17 (≥1353)	247-271(31-34)	120
35H	1180-1230(11.8-12.3)	≥10.9 (≥868)	≥17 (≥1353)	263-287(33-36)	120
38H	1230-1260(12.3-12.6)	≥11.3 (≥899)	≥17 (≥1353)	287-311(36-39)	120
40H	1260-1290(12.6-12.9)	≥11.6 (≥923)	≥17 (≥1353)	302-327(38-41)	120
42H	1290-1330(12.9-13.3)	≥12.0 (≥955)	≥17 (≥1353)	318-342(40-43)	120
45H	1330-1370(13.3-13.7)	≥12.3 (≥979)	≥17 (≥1353)	342-366(43-46)	120
46H	1330-1380(13.3-13.8)	≥12.2 (≥972)	≥16 (≥1274)	350-374(44-47)	120
48H	1370-1410(13.7-14.1)	≥12.5 (≥955)	≥17 (≥1353)	366-390(46-49)	120
30SH	1080-1140(10.8-11.4)	≥10.1 (≥804)	≥20 (≥1592)	223-247(28-31)	150
33SH	1140-1180(11.4-11.8)	≥10.6 (≥844)	≥20 (≥1592)	247-271(31-34)	150
35SH	1180-1230(11.8-12.3)	≥11.0 (≥876)	≥20 (≥1592)	263-287(33-36)	150
38SH	1230-1260(12.3-12.6)	≥11.4 (≥907)	≥20 (≥1592)	287-311(36-39)	150
40SH	1260-1290(12.6-12.9)	≥11.6 (≥939)	≥20 (≥1592)	302-326(38-41)	150
42SH	1290-1330(12.9-13.3)	≥12.4 (≥987)	≥20 (≥1592)	318-342(40-43)	150
45SH	1320-1370(13.2-13.7)	≥12.6 (≥1003)	≥20 (≥1592)	334-366(42-46)	150
30UH	1080-1140(10.8-11.4)	≥10.1 (≥804)	≥25 (≥1989)	223-247(28-31)	180
33UH	1140-1180(11.4-11.8)	≥10.7 (≥852)	≥25 (≥1989)	247-271(31-34)	180
35UH	1180-1230(11.8-12.3)	≥10.8 (≥860)	≥25 (≥1989)	263-287(33-36)	180
38UH	1230-1260(12.3-12.6)	≥11.0 (≥876)	≥25 (≥1989)	287-311(36-39)	180
40UH	1250-1290(12.5-12.9)	≥11.3 (≥899)	≥25 (≥1989)	302-326(38-41)	180
28EH	1040-1080(10.4-10.8)	≥9.8 (≥780)	≥30 (≥2388)	207-231(26-29)	200
30EH	1080-1140(10.8-11.4)	≥10.1 (≥804)	≥30 (≥2388)	223-247(28-31)	200
33EH	1140-1180(11.4-11.8)	≥10.3 (≥820)	≥30 (≥2388)	247-271(31-34)	200
35EH	1170-1230(11.7-12.3)	≥10.5 (≥836)	≥30 (≥2388)	263-287(33-36)	200
38EH	1220-1260(12.2-12.6)	≥11.3 (≥899)	≥30 (≥2388)	278-311(35-39)	200
30AH	1080-1130(10.8-11.3)	≥10.1 (≥804)	≥33 (≥2624)	223-247(28-31)	230
33AH	1130-1180(11.3-11.8)	≥10.3 (≥820)	≥33 (≥2624)	247-271(31-34)	230

Note:

- . The above-mentioned data of magnetic parameters and physical properties are given at room temperature.
- . The maximum service temperature of magnet is changeable due to the ratio length and diameter and environmental factors.



Recommendation

Used for speaker in general

Dimensions Diameter X Thickness(mm)	Dimensions OD X ID X Thickness (mm)
D5 x 1.5	D30 x D15 x 2
D6 x 1.5	D35 x D16 x 2
D7 x 1.5	D40 x D20 x 3
D8 x 1.5	D45 x D20 x 3
D9 x 1.5	D50 x D30 x 4
D10 x 1.5	D55 x D30 x 5
D11 x 1.5	D60 x D40 x 5
D12 x 1.5	D62 x D15 x 10
D13 x 1.5	D65 x D30 x 8
D14 x 2	D70 x D40 x 5
D15 x 2	D70 x D35 x 8
D16 x 2	D75 x D45 x 8
D17 x 2	D80 x D50 x 8
D18 x 2	D85 x D50 x 10
D19 x 2	D90 x D50 x 10
D20 x 2	D95 x D50 x 10
D21 x 2	D100 x D50 x 10
D22 x 2	D110 x D60 x 15
D23 x 2	D115 x D80 x 10
D24 x 3	D120 x D60 x 15
D25 x 3	D130 x D70 x 15
D26 x 3	D140 x D70 x 15
D27 x 3	D150 x D80 x 15
D28 x 3	D160 x D80 x 20
D29 x 3	D170 x D80 x 20
D30 x 3	D180 x D90 x 20
D36 x 6	D190 x D100 x 20
D75 x 11	D200 x D100 x 20
D94 x 11	D220 x D100 x 20

Normal sizes in inch

Dimensions Diameter X Thickness(inch)	Dimensions Diameter X Thickness (mm)
Block 1/2x1/2x3/8	Round 3/8x3/16
Block 1/2x1/2x1/2	Round 7/16x1
Block 1/2x1/2x3/4	Round 7/16x3/2
Block 1/2x1/2x1/4	Round 1/2x3/8
Block 3/4x3/4x3/8	Round 1/2x1/2
Block 3/4x3/4x1/2	Round 1/2x3/4
Block 3/4x3/4x3/4	Round 1/2x1
Block 1x1x3/8	Round 1/2x3/2
Block 1x1x1/2	Round 1/2x1/4
Block 1x1x3/4	Round 3/4x2
Block 1x1x1	Round 3/4x3/2
Block 1x1x1/4	Round 3/4x1
Block 3/2x3/2x3/4	Round 3/4x1/2
Block 3/2x3/2x1	Round 3/4x3/4
Block 3/2x3/2x3/2	Round 3/4x3/8
Block 3/2x3/2x1/2	Round 3/4x2
Block 2x1x1/4	Round 1x1/2
Block 2x2x1/4	Round 1x3/4
Block 2x2x3/8	Round 1x1
Block 3x1x1/2	Round 1x3/2
Block 3x2x1	Round 1x3/8
Block 3x2x2	Round 5/4x3/2
Block 3x3x2	Round 3/2x1/2
Block 4x2x1	Round 3/2x3/2
Block 4x2x2	Round 2x2
Block 4x3x2	Round 2x1/2
Block 5x2x1	Round 2x1
Block 5x3x2	Round 2x1/4
Block 5x4x2	Round 2x3/2

Ferrite Magnets

Ferrite Magnets are made of a composite of iron oxide and barium/strontium carbonate.

These materials are readily acceptable and at a lower cost than other materials.

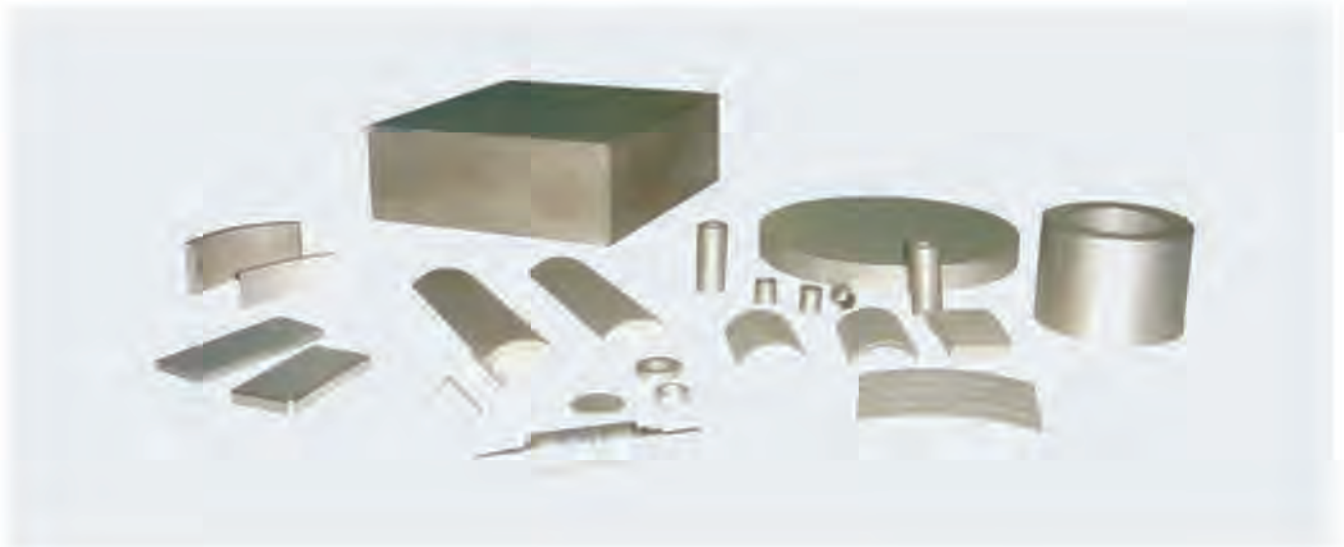
The lower cost making it desirable. It is widely used in motors, loudspeakers, toys and handicrafts.



Grade	Br		Hcb		Hcj		(BH) max	
	mT	kGs	kA/m	kOe	kA/m	kOe	kJ/m ³	MGOe
Y25	360–400	3.6–4.0	135–170	1.70–2.14	140–200	1.76–2.51	22.5–28.0	2.8–3.5
Y30	370–400	3.7–4.0	175–210	2.20–2.64	180–220	2.64–2.77	26.0–30.0	3.3–3.8
Y35	400–410	4.00–4.10	175–195	2.20–2.45	180–200	2.26–2.51	30.0–32.0	3.8–4.0
Y22H	310–360	3.1–3.6	220–250	2.77–3.14	280–320	3.52–4.02	20.0–24.0	2.5–3.2
Y26H	360–390	3.6–3.9	220–250	2.77–3.14	225–255	2.83–3.21	23.0–28.0	2.9–3.5
Y30BH	380–390	3.8–3.9	223–235	2.80–2.95	231–245	2.90–3.08	27.0–30.0	3.4–3.7
Y30BH-1	380–400	3.8–4.0	230–275	2.89–3.46	235–290	2.95–3.65	27.0–32.0	3.4–4.0

SmCo Magnets

Smco magnets are high performance and low temperature coefficient permanent magnets which are made of samarium, cobalt and other rare earth elements. The biggest advantage is its high working temperature up to 300°C. It needn't to be coated because it is difficult to be eroded and oxidized. SmCo magnets are widely used in motors, watches, transducers, instruments, positional detectors, radars, etc.



Material	Code	Br		Hcb		Hcj		(BH)max		Tc	Tw
		mT	kGs	kA/m	kOe	kA/m	kOe	kJ/m³	MGOe	℃	℃
Sintered											
SmCo 1:5	Yx-18	850-900	8.5-9.0	620-648	7.8-8.2	1194-1513	15-19	127-143	16-18	750	250
	Yx-20	920-960	9.2-9.6	653-717	8.2-9.0	1194-1513	15-19	150-167	19-21	750	250
	Yx-24	960-1000	9.6-10.0	730-770	9.2-9.7	1194-1513	15-19	175-190	22-24	750	250
SmCo 2:7	YXG-24	950-1020	9.5-10.2	637-732	8.0-9.2	1433-1990	18-25	175-190	22-24	800	300
	YXG-26	1020-1050	10.2-10.5	748-796	9.4-10.0	1433-1990	18-25	195-215	24-26	800	300
	YXG-28	1050-1080	10.5-10.8	756-796	9.5-10.0	1443-1831	18-25	205-220	26-28	800	300
	YXG-28B	1020-1100	10.2-11.0	420	5.2-5.6	440-520	5.5-6.5	205-220	26-28	800	300
	YXG-30	1080-1100	10.8-11.0	780	9.8-10.5	1443-1831	18-25	220-240	28-30	800	300
Bonded											
	YXG-30B	1080-1150	10.8-11.5	420	5.2-5.6	440-520	5.5-5.6	220-240	28-30	800	300
SmCo 1:5	Yb-6	400	4	280	3.5	800	10	30-50	4.0-6.0		120
	Yb-10	500	5	320	4	800	10	50-65	6.0-8.0		120
SmCo 2:7	YbG-10	600	6	360	4.5	800	10	65-80	8.0-10.0		120
	YbG-12	700	7	400	5	800	10	80-95	10.0-12.0		120

AlNiCo Magnets

AlNiCo magnets are manufactured by powder metallurgical process to get near shapes for both sintered and casted. They have very high temperature application up to 550°C and good corrosion resistance for different instruments.



Items	(BH)Max kJ/m ³	Br mT	Hcb kA/m	Hcj kA/m	D G/cm ²	A(Br) %k	Tc °C	Remarks
AlNiCo12/6	12	640	52	56	7	-0.03	810	Isotropic
AlNiCo13/6	13	750	52	56	7	-0.03	810	
AlNiCo18/10	18	530	90	97	7.1	-0.01	860	
AlNiCo20/11	20	600	100	108	7.3	-0.01	860	
AlNiCo36/6	36	1150	60	62	7.3	-0.02	850	Anisotropic
AlNiCo38/5	38	1200	50	52	7.3	-0.02	850	
AlNiCo40/5	40	1250	49	50	7.3	-0.02	850	
AlNiCo44/5	44	1270	52	53	7.3	-0.02	850	
AlNiCo52/6	52	1300	56	57	7.3	-0.02	850	
AlNiCo60/6	60	1350	59	60	7.3	-0.02	860	
AlNiCo38/11	38	850	110	112	7.3	-0.01	870	
AlNiCo40/17	40	750	156	169	7.3	-0.01	860	
AlNiCo46/12	46	930	120	124	7.3	-0.015	860	
AlNiCo48/16	48	820	144	158	7.3	-0.01	870	
AlNiCo72/12	72	1050	114	116	7.3	-0.015	850	
AlNiCo80/12	80	1080	120	122	7.3	-0.015	850	

Items	(BH)Max kJ/m ²	Br mT	Hcb kA/m	Hcj kA/m	D G/cm ²	A(Br) %k	Tc °C	Remarks
AlNiCo4/1	3.2-4.8	870-890	9-11	10-12	6.8	-0.02	750	Isotropic
AlNiCo8/5	8.5-9.5	530-620	45-50	47-52	6.8	-0.02	750	
AlNiCo10/5	9.5-11	630-700	48-56	50-58	7.0	-0.02	780	
AlNiCo12/5	11-16	700-750	50-56	53-58	7.0	-0.02	800	
AlNiCo14/5	13-15	730-800	47-50	50-53	7.1	-0.02	790	Anisotropic
AlNiCo14/6	14-16	620-810	56-64	58-66	7.1	-0.02	790	
AlNiCo14/8	14-16	550-610	75-88	80-92	7.1	-0.02	790	
AlNiCo18/10	16-19	570-620	92-100	99-107	7.2	-0.01	860	
AlNiCo35/5	35-39	1100-1200	48-52	50-54	7.2	-0.02	850	
AlNiCo29/6	29-33	970-1090	58-64	60-66	7.2	-0.02	860	
AlNiCo32/10	33-38	770-870	90-104	94-109	7.2	-0.01	860	
AlNiCo33/11	33-38	700-800	107-115	111-119	7.2	-0.01	860	
AlNiCo39/12	39-43	830-900	115-123	119-127	7.25	-0.01	860	
AlNiCo44/12	44-48	900-950	119-127	124-132	7.25	-0.01	860	
AlNiCo37/15	37-41	700-800	143-151	150-158	7.1	-0.01	870	

Flexible Magnets

Flexible Magnets, also known as rubber magnets, are a composite of resin, magnetic powders and other different materials. They are produced in flat strips and sheets. They can be used for refrigerator doors, toys and teaching materials.



Classification	Type	Br MT(Gs)	Hcb kA/m(Oe)	Hcj kA/m(Oe)	(BH)max kJ/m ³ (MGOe)
Isotropic Rubber magnet	KTF-4	135-155(1350-1500)	85-105(1050-1300)	175-210(2200-2600)	3.2-5.0(0.40-0.62)
	KTF-S5	165-180(1650-1800)	90-105(1130-1300)	135-160(1700-2010)	4.5-5.8(0.56-0.72)
	KTF-B5	170-190(1700-1900)	95-115(1200-1450)	150-190(1885-2400)	4.6-6.5(0.57-0.80)
	KTF-6.5	185-200(1850-2000)	90-110(1130-1380)	125-150(1570-1885)	6.0-7.0(0.74-0.93)
Anisotropic Rubber magnet	KTF-10	220-240(2200-2400)	140-165(1760-2070)	200-235(2500-2950)	9.0-10.5(1.1-1.30)
	KTF-11	230-250(2300-2500)	145-165(1820-2070)	190-225(2380-2850)	9.5-11.0(1.18-1.36)
	KTF-13	250-270(2500-2700)	175-190(2200-2400)	200-230(2500-2900)	11.5-14.5(1.42-1.80)
	KTF-15	≥270(≥2700)	175-190(2200-2400)	200-230(2500-2900)	≥14.5(≥1.8)

Applications



Wind Power



Automobile



Medical Device



Elevator



Industrial Motor



Magnetic Levitation



Audio & Video



Electronic Device



Office Automation

Customized Service

Besten offers customized magnets. If you have a specific magnet application, we have the capability to produce magnets of your specification in NdFeB, SmCo, AlNiCo, Ferrite, and flexible magnet materials.

Some common applications custom include:

- ☐ Arc Magnets
- ☐ Motor Magnets
- ☐ High Temperature Magnets
- ☐ Rubber Strip Magnets
- ☐ Adhesive Backed Magnets
- ☐ Molded Magnets

Dimension Range, Size and tolerance:

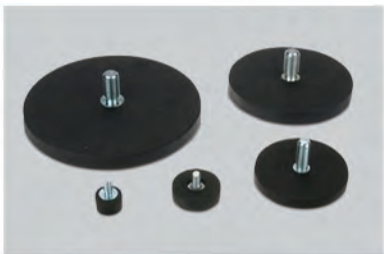
The maximum dimension of the permanent magnet in the direction of magnetization is not exceed 100mm, which is limited by the orientation field and sintering equipment. The dimension in the unmagnetization direction is up to 300mm.

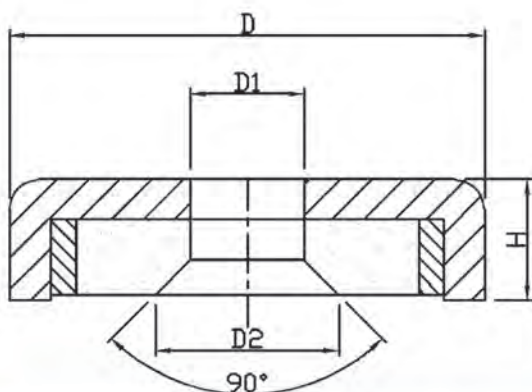
The tolerance is usually ± 0.05 -- ± 0.10 mm

COATING OPTIONS

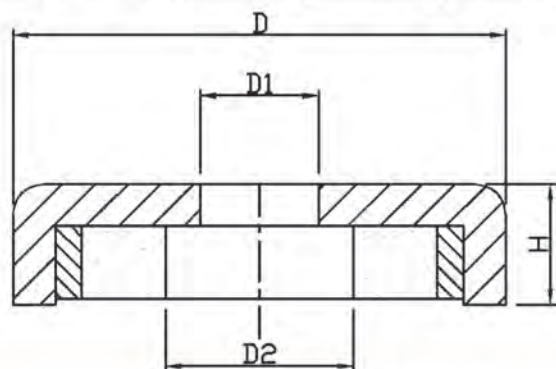
SURFACE	COATING	THICKNESS (MICRONS)	COLOR	RESISTANCE
Zinc	Zn	8-10	Bright Blue	Good Against Salt Spray
	C+Zn		Light Blue Tint	Good Against Salt Spray
CR3+Zinc	Zn	8-10	Bright Blue	Good Against Salt Spray
	C+Zn		Light Blue Tint	Excellent Against Salt Spray
Nickel	Ni+Cu+Ni	10-20	Bright Silver	Excellent Against Humidity
	Ni+Ni			
Gold	Ni+Cu+Au	10-20	Gold	Superior Against Humidity
Silver	Ni+Ag	10-20	Silver	Superior Against Humidity
Epoxy	Epoxy	15-25	Black	Excellent Against Humidity & Salt Spray
	Ni+Cu+Epoxy			
	Zn+Epoxy			

Magnetic Assemblies

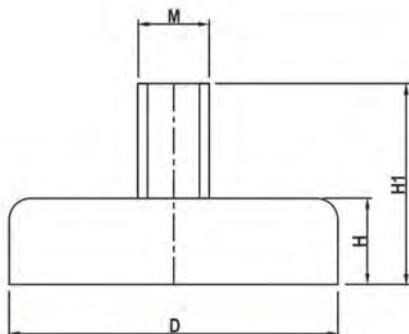




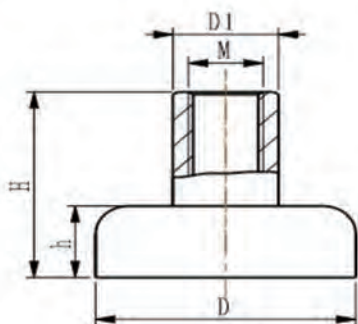
Model	Dimension (mm)				Material		Coating	Pull Force (KG)
	D	D1	D2	H	POT	Magnet		
POTN01-16	16	3.5	6.5	5.2	Fe37	NdFeB	Zn or Ni	6
POTN01-20	20	4.5	8.6	7.2	Fe37	NdFeB	Zn or Ni	9
POTN01-25	25	5.5	10.6	7.7	Fe37	NdFeB	Zn or Ni	19
POTN01-32	32	5.5	10.6	7.8	Fe37	NdFeB	Zn or Ni	32
POTN01-36	36	6.5	12	7.6	Fe37	NdFeB	Zn or Ni	41
POTN01-40	40	6.5	12	7.8	Fe37	NdFeB	Zn or Ni	52
POTN01-42	42	6.5	12	8.8	Fe37	NdFeB	Zn or Ni	61
POTN01-48	48	8.5	19	10.8	Fe37	NdFeB	Zn or Ni	75
POTN01-60	60	8.5	19	15	Fe37	NdFeB	Zn or Ni	115
POTN01-75	75	10.5	21	17.8	Fe37	NdFeB	Zn or Ni	163



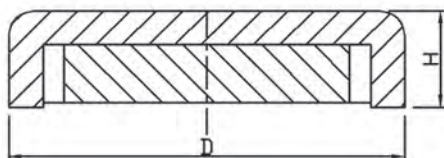
Model	Dimension (mm)				Material		Coating	Pull Force (KG)
	D	D1	D2	H	POT	Magnet		
POTN02-16	16	3.5	6.5	5.2	Fe37	NdFeB	Zn or Ni	5
POTN02-20	20	4.5	8	7.2	Fe37	NdFeB	Zn or Ni	8
POTN02-25	25	5.5	9	7.7	Fe37	NdFeB	Zn or Ni	17
POTN02-32	32	5.5	9	7.8	Fe37	NdFeB	Zn or Ni	30
POTN02-36	36	6.5	11	7.6	Fe37	NdFeB	Zn or Ni	40
POTN02-40	40	6.5	11	7.8	Fe37	NdFeB	Zn or Ni	50
POTN02-42	42	6.5	11	8.8	Fe37	NdFeB	Zn or Ni	65
POTN02-48	48	8.5	15	10.8	Fe37	NdFeB	Zn or Ni	72
POTN02-60	60	8.5	15	15	Fe37	NdFeB	Zn or Ni	110
POTN02-75	75	10.5	18	17.8	Fe37	NdFeB	Zn or Ni	155



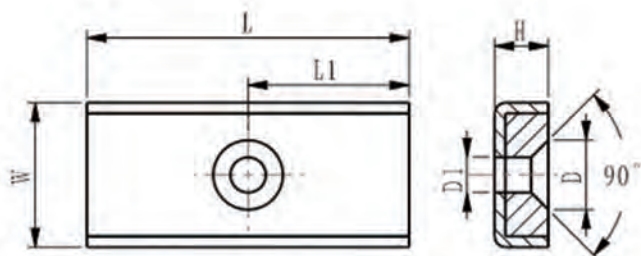
Model	Dimension (mm)				Material		Coating	Pull Force (KG)
	D	M	H	H1	POT	Magnet		
POTN03-10	10	3	5	12	Fe37	NdFeB	Zn or Ni	1.5
POTN03-12	12	3	5	12	Fe37	NdFeB	Zn or Ni	2
POTN03-16	16	4	5.2	14	Fe37	NdFeB	Zn or Ni	8
POTN03-20	20	4	7.2	16	Fe37	NdFeB	Zn or Ni	12
POTN03-25	25	5	7.7	17	Fe37	NdFeB	Zn or Ni	22
POTN03-32	32	6	7.8	18	Fe37	NdFeB	Zn or Ni	34
POTN03-36	36	6	7.6	17.6	Fe37	NdFeB	Zn or Ni	41
POTN03-40	40	6	7.8	17.7	Fe37	NdFeB	Zn or Ni	51
POTN03-42	42	6	8.8	18.7	Fe37	NdFeB	Zn or Ni	66
POTN03-48	48	8	10.8	24	Fe37	NdFeB	Zn or Ni	78
POTN03-60	60	8	15	31.5	Fe37	NdFeB	Zn or Ni	120
POTN03-75	75	10	17.8	35	Fe37	NdFeB	Zn or Ni	168



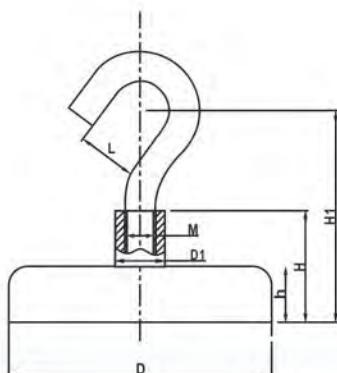
Model	Dimension (mm)					Material		Coating	Pull Force (KG)
	D	D1	M	H	h	POT	Magnet		
POTN04-10	10	6	3	12.6	5	Fe37	NdFeB	Zn or Ni	1.5
POTN04-12	12	6	3	12.6	5	Fe37	NdFeB	Zn or Ni	2
POTN04-16	16	6.5	4	13.5	5.2	Fe37	NdFeB	Zn or Ni	8
POTN04-20	20	6.5	4	15	7.2	Fe37	NdFeB	Zn or Ni	12
POTN04-25	25	7.5	5	17	7.7	Fe37	NdFeB	Zn or Ni	22
POTN04-32	32	10	6	18	7.8	Fe37	NdFeB	Zn or Ni	34
POTN04-36	36	10	6	18.5	7.6	Fe37	NdFeB	Zn or Ni	41
POTN04-40	40	10	6	18.8	7.8	Fe37	NdFeB	Zn or Ni	51
POTN04-42	42	10	6	18.8	8.8	Fe37	NdFeB	Zn or Ni	66
POTN04-48	48	12	8	24	10.8	Fe37	NdFeB	Zn or Ni	78
POTN04-60	60	12	8	28	15	Fe37	NdFeB	Zn or Ni	120
POTN04-75	75	17	10	35	17.8	Fe37	NdFeB	Zn or Ni	168



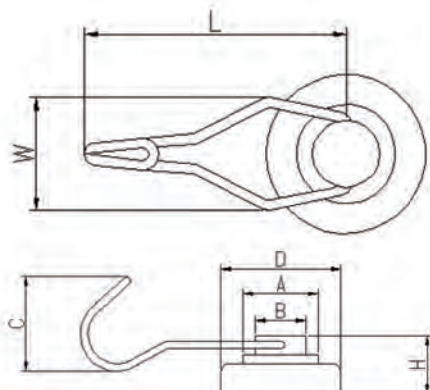
Model	Dimension (mm)		Material		Coating	Pull Force (KG)
	D	H	POT	Magnet		
POTN05-10	10	5	Fe37	NdFeB	Zn or Ni	2
POTN05-12	12	5	Fe37	NdFeB	Zn or Ni	2
POTN05-16	16	5.2	Fe37	NdFeB	Zn or Ni	8
POTN05-20	20	7.2	Fe37	NdFeB	Zn or Ni	12
POTN05-25	25	7.7	Fe37	NdFeB	Zn or Ni	22
POTN05-32	32	7.8	Fe37	NdFeB	Zn or Ni	34
POTN05-36	36	7.6	Fe37	NdFeB	Zn or Ni	41
POTN05-40	40	7.8	Fe37	NdFeB	Zn or Ni	51
POTN05-42	42	8.8	Fe37	NdFeB	Zn or Ni	66
POTN05-48	48	10.8	Fe37	NdFeB	Zn or Ni	78
POTN05-60	60	15	Fe37	NdFeB	Zn or Ni	120
POTN05-75	75	17.8	Fe37	NdFeB	Zn or Ni	168



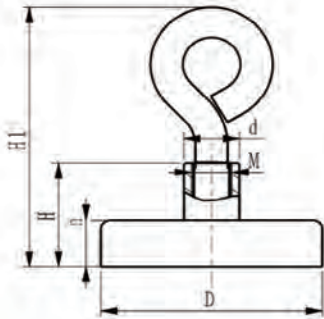
Model	Dimension (mm)			H	D1	D2	Material		Coating	Pull Force (KG)
	L	L1	W				POT	Magnet		
POTN06-10	10	5	13.5	5	3.3	6.5	Fe37	NdFeB	Zn or Ni	4
POTN06-15	15	7.5	13.5	5	3.3	6.5	Fe37	NdFeB	Zn or Ni	7
POTN06-20	20	10	13.5	5	3.3	6.5	Fe37	NdFeB	Zn or Ni	8
POTN06-30	30	15	13.5	5	3.3	6.5	Fe37	NdFeB	Zn or Ni	16



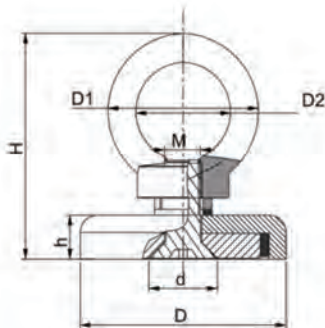
Model	Dimension (mm)						Material		Coating	Pull Force (KG)
	D	D1	M	h	H	H1	POT	Magnet		
POTN07-10	10	6	3	5	12.6	31.5	Fe37	NdFeB	Zn or Ni	1.5
POTN07-12	12	6	3	5	12.6	31.5	Fe37	NdFeB	Zn or Ni	2
POTN07-16	16	6.5	4	5.2	13.5	35.7	Fe37	NdFeB	Zn or Ni	8
POTN07-20	20	6.5	4	7.2	15	37.8	Fe37	NdFeB	Zn or Ni	12
POTN07-25	25	7.5	5	7.7	17	44.9	Fe37	NdFeB	Zn or Ni	22
POTN07-32	32	10	6	7.8	18	47.8	Fe37	NdFeB	Zn or Ni	34
POTN07-36	36	10	6	7.6	18.5	49.8	Fe37	NdFeB	Zn or Ni	41
POTN07-40	40	10	6	7.8	18.8	Jan-50	Fe37	NdFeB	Zn or Ni	51
POTN07-42	42	10	6	8.8	18.8	50	Fe37	NdFeB	Zn or Ni	66
POTN07-48	48	12	8	10.8	24	61	Fe37	NdFeB	Zn or Ni	78
POTN07-60	60	12	8	15	28	66	Fe37	NdFeB	Zn or Ni	120
POTN07-75	75	17	10	17.8	35	84	Fe37	NdFeB	Zn or Ni	168



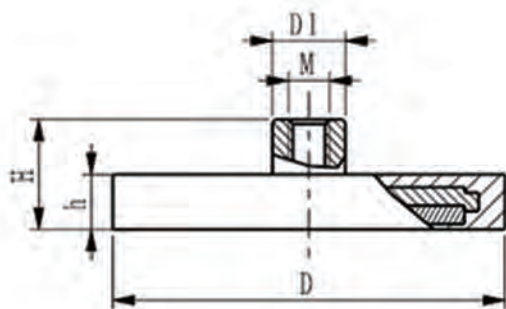
Model	Dimension (mm)				H	L	W	Material		Coating	Pull Force (KG)	
	D	A	B	C				POT	Magnet		Vertical	Side
POTN08-25	25	20	13.5	24	15.5	55	23	Fe37	NdFeB	Zn or Ni	17	3.5
POTN08-32	32	20	13.5	24	15.5	55	23	Fe37	NdFeB	Zn or Ni	30	5.5
POTN08-36	36	20	13.5	24	15.1	55	23	Fe37	NdFeB	Zn or Ni	40	6.5
POTN08-40	40	20	13.5	24	15.6	55	23	Fe37	NdFeB	Zn or Ni	50	7
POTN08-42	42	20	13.5	24	16.5	55	23	Fe37	NdFeB	Zn or Ni	65	8



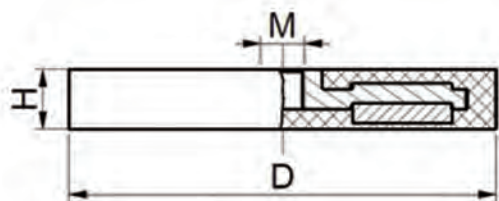
Model	Dimension (mm)				H	H1	Material		Coating	Pull Force (KG)
	D	D1	M	h			POT	Magnet		
POTN09-10	10	6	3	5	12.6	31.5	Fe37	NdFeB	Zn or Ni	1.5
POTN09-12	12	6	3	5	12.6	31.5	Fe37	NdFeB	Zn or Ni	2
POTN09-16	16	6.5	4	5.2	13.5	35.7	Fe37	NdFeB	Zn or Ni	8
POTN09-20	20	6.5	4	7.2	15	37.8	Fe37	NdFeB	Zn or Ni	12
POTN09-25	25	7.5	5	7.7	17	44.9	Fe37	NdFeB	Zn or Ni	22
POTN09-32	32	10	6	7.8	18	47.8	Fe37	NdFeB	Zn or Ni	34
POTN09-36	36	10	6	7.6	18.5	49.8	Fe37	NdFeB	Zn or Ni	41
POTN09-40	40	10	6	7.8	18.8	50.1	Fe37	NdFeB	Zn or Ni	51
POTN09-42	42	10	6	8.8	18.8	50	Fe37	NdFeB	Zn or Ni	66
POTN09-48	48	12	8	10.8	24	61	Fe37	NdFeB	Zn or Ni	78
POTN09-60	60	12	8	15	28	66	Fe37	NdFeB	Zn or Ni	120
POTN09-75	75	17	10	17.8	35	84	Fe37	NdFeB	Zn or Ni	168



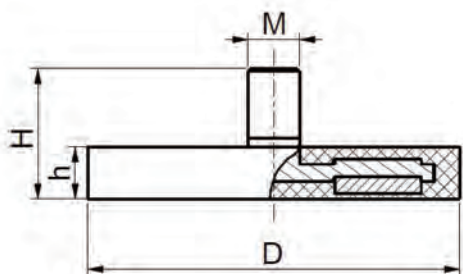
Model	Dimension (mm)							Material		Coating	Pull Force (KG)
	D	D1	D2	d	H	h	M	POT	Magnet		
POTN10-20	20	19	10.7	8.6	29.5	7.2	4	Fe37	NdFeB	Zn or Ni	9
POTN10-25	25	23	13.5	10.6	33	7.7	5	Fe37	NdFeB	Zn or Ni	19
POTN10-32	32	23	13.5	10.6	33.1	7.8	5	Fe37	NdFeB	Zn or Ni	32
POTN10-36	36	26.8	17	12	38.5	7.6	6	Fe37	NdFeB	Zn or Ni	41
POTN10-40	40	26.8	17	12	38.7	7.8	6	Fe37	NdFeB	Zn or Ni	52
POTN10-42	42	26.8	17	12	39.7	8.8	6	Fe37	NdFeB	Zn or Ni	61
POTN10-48	48	35.5	20.3	19	49.2	10.8	8	Fe37	NdFeB	Zn or Ni	75
POTN10-60	60	35.5	20.3	19	53.4	15	8	Fe37	NdFeB	Zn or Ni	115
POTN10-75	75	43.8	25.5	21	65.9	17.8	10	Fe37	NdFeB	Zn or Ni	163



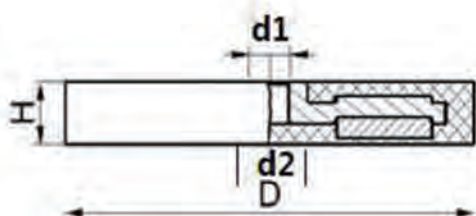
Model	Dimension (mm)				Weight(g)	Pull Force (KG)
	D	M	h	H		
RPOTN01-22	22	4	6	11.5	12	5
RPOTN01-43	43	4	6	12	33	8
RPOTN01-66	66	5	8	14.2	104	20
RPOTN01-88	88	8	8.5	15.8	200	42



Model	Dimension (mm)			Weight(g)	Pull Force (KG)
	D	M	H		
RPOTN02-22	22	4	6	18	5
RPOTN02-28	28	5	7	21	9
RPOTN02-31	31	5	6	22	9
RPOTN02-36	36	4	7	25	7
RPOTN02-43	43	4	6	29	8
RPOTN02-66	66	6	8	100	20
RPOTN02-88	88	8	8.5	196	42



Model	Dimension (mm)				Weight(g)	Pull Force (KG)
	D	M	h	H		
RPOTN03-22	22	4	6	12.5	11	5
RPOTN03-43	43	6	6	21	32	8
RPOTN03-66	66	8	8	23	107	20
RPOTN03-88	88	8	8.5	24.5	193	42



Model	Dimension (mm)				Weight(g)	Pull Force (KG)
	D	H	D1	D2		
RPOTN04-22	22	6	4	8	8	5
RPOTN04-31	31	6	6	8	20	9
RPOTN04-36	36	7	6	8	25	7
RPOTN04-43	43	6	6	10	30	8
RPOTN04-66	66	8	7	15	100	20
RPOTN04-88	88	8.5	7	15	190	42

We also offer various sizes customized magnetic assemblies according to your requirements, just contact our sales team and tell them your detailed requirements, such as dimension, plating, pull strength, etc. We will get back to you soon.



CUSTOM MADE MAGNETS AND ASSEMBLIES

Since our foundation in 1999, Besten Magnet has specialized in production of custom made magnets and assemblies to meet a wide variety of customer specific applications. Whether you need initial prototype samples or large production runs, Besten Magnet leverages our in-house production such as sintering, machining, assembly, inspection, magnetizing, and engineering expertise to provide professional solutions that meet or exceed our customers cost and lead-time constraints.

Utilizing both our extensive in-house capabilities as well as those of our trusted partners, Besten Magnet can provide almost any type of magnet, magnetic assembly or subassembly made from any type and grade of magnetic material.

Our capabilities include but are not limited to:

- Material Sintering
- Cutting, Slicing, Drilling and Sinker EDM Machining
- Surface Treatment
- Stamping
- Injection Overmolding
- Plating (Nickel, Gold, Silver, Zinc, Epoxy, Paint, Everlube, Parylene, Aluminum etc.)
- Assembly
- Fastening and Potting
- Magnetizing
- Logistic solutions

Through ongoing training and continuous improvement projects, Besten Magnet is committed to excellence in every aspect of our business, and with over 19 years in the magnetics industry, you can rest easy knowing that we will always be here for continuing professional production and reliable service.

Note

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



NINGBO BESTEN MAGNET CO.,LTD

ADD: NO.777, ZHONGGUAN WEST ROAD, ZHENHAI DISTRICT, NINGBO, ZHEJIANG, CHINA

Tel: 0086-86680360

Email: sales@bestenmagnet.com

Website: www.bestenmagnet.com