



Super Magnet Co., Ltd.

Product Catalogue

1. Motor Inner Rotor



2. Motor Outer Rotor



3. Ferrite Magnetic Rotor



4. Pot Magnet



5. Magnetic Badge



6. Magnetic Filter Bar



7. Magnetic Plate



8. Radial Sintered NdFeB Magnet

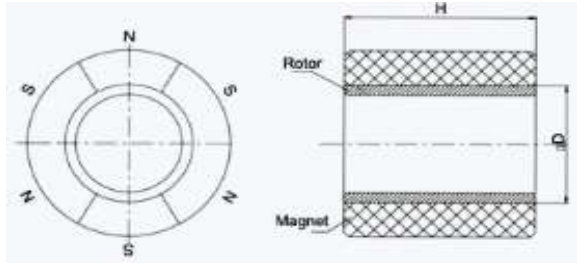


9. Micro Magnets





Product List- Motor Inner Rotor Serials



Item	Rotor		Magnet	
	Size(ODxH)	Material	material	poles Number
SPDZ-A60/02-32/18	Φ44x32	20# Steel	AlNiCO	2
SPDZ-F38/06-37.5/36	Φ30x37.5	20# Steel	Ferrite	6
SPDZ-F50/06-37.5/36	Φ33.5x37.5	20# Steel	Ferrite	6
SPDZ-F90/08-46/35	Φ90x22.5	Al	Ferrite	8
SPDZ-F90/08-51/40	Φ90x23	Al	Ferrite	8
SPDZ-F90/08-61/50	Φ90x23	Al	Ferrite	8
SPDZ-F90/08-111/100	Φ90x23	Al	Ferrite	8
SPDZ-N10/02-66/24	Φ3x66	20# Steel	NdFeB	2
SPDZ-N13/04-20/20	B4.5x4.5x20	Brass	NdFeB	4
SPDZ-N15/04-20/20	Φ7x20	Brass	NdFeB	4
SPDZ-N16/06-28.6/20	Φ5x26.8	Brass	NdFeB	6
SPDZ-N20/06-20/20	Φ4.8x20	Brass	NdFeB	6
SPDZ-N20/06-26.8/20	Φ5x26.8	Brass	NdFeB	6
SPDZ-N20A/06-26.8/19.5	Φ5x26.8	Brass	NdFeB	6
SPDZ-N20/06-42/20	Φ4.8x42	Brass	NdFeB	6
SPDZ-N40/04-30/30	Φ40x30	Stainless Steel	NdFeB	4
SPDZ-N40A/04-10/10	Φ40x10	Stainless Steel	NdFeB	4
SPDZ-N44/04-20.5/20	Φ37.5x20.5	20# Steel	NdFeB	2

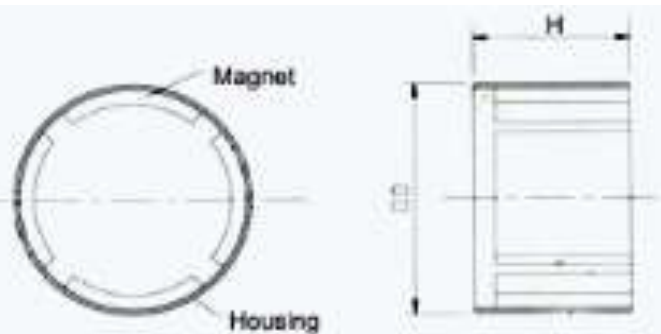
SPDZ-N47/08-40.1/33	Φ40x40.1	Al	NdFeB	8
SPDZ-N48/04-25.8/25.4	B28.95x25.8	20# Steel	NdFeB	4
SPDZ-N51/12-26/25.5	Φ38.4x26	20# Steel	NdFeB	4
SPDZ-N76/16-13.7/13.4	Φ69x13.7	20# Steel	NdFeB	16
SPDZ-N100/08-38/25	Φ73.5x38	Al	NdFeB	8
SPDZ-N110/24-18.6/18.5	Φ103.8x18.6	20# Steel	NdFeB	24
SPDZ-N127/04-31.8/10.16	Φ127x31.8	Al	NdFeB	4
SPDZ-S19/02-11/20	Φ23x11	Stainless Steel	SmCo	2
SPDZ-S76/16-13.7/13.4	Φ69x13.7	20# Steel	SmCo	16
SPDZ-S100/20-26.2/26	Φ92x26.2	20# Steel	SmCo	20
SPDZ-S100A/20-38.3/38	Φ92x38.3	20# Steel	SmCo	20
SPDZ-S110/24-18.6/18.5	Φ103.8x18.6	20# Steel	SmCo	24
SPDZ-S150/20-38.3/37.5	Φ135x38.3	20# Steel	SmCo	20
SPDZ-S150A/20-38.3/22.5	Φ135x38.3	20# Steel	SmCo	20

Remark:

1. These motor parts products are ONLY supplied to the specified clients who supply the drawings.
2. Contact : chernice@spmagnet.com M: +86-18811885765 ; sybil@spmagnet.com M:+86-18926565595



Product List- Motor Outer Rotor Serials



Item	House		Magnet	
	Size(ODxH)	Material	Material	Poles Number
SPDK-N25/14-15/12	Φ25.2xΦ24.2x15	20# Steel	NdFeB	14
SPDK-N26/04-15/12	Φ26.1xΦ24.1x15	20# Steel	NdFeB	4
SPDK-N36/04-14/10	Φ36xΦ34x14	20# Steel	NdFeB	4
SPDK-N36/04-24/20	Φ36xΦ34x24	20# Steel	NdFeB	4
SPDK-N36/14-22/18	Φ36xΦ34x22	20# Steel	NdFeB	14
SPDK-N36/14-24/20	Φ36xΦ34x24	20# Steel	NdFeB	14
SPDK-N36/14-34/30	Φ36xΦ34x34	20# Steel	NdFeB	14
SPDK-N44/14-29/25	Φ44xΦ42x29	20# Steel	NdFeB	14
SPDK-N44/20-19/15	Φ44xΦ42x19	20# Steel	NdFeB	20
SPDK-N87/12-26.1/25.5	Φ87xΦ71.2x26.16	20# Steel	NdFeB	12
SPDK-N95/04-47.6/12.7	Φ95.3xΦ79.76x47.6	20# Steel	NdFeB	4
SPDK-N101/16-66/3.5	Φ101.6xΦ90.7x66	20# Steel	NdFeB	16
SPDK-N108/10-49/12.7	Φ108xΦ97x49	20# Steel	NdFeB	10
SPDK-N133/24-72/18.5	Φ133.5xΦ123.6x72	20# Steel	NdFeB	24
SPDK-S127/20-104.8/4	Φ127xΦ116.7x104.8	20# Steel	SmCo	20
SPDK-S133/24-63.5/18.5	Φ133.5xΦ123.6x63.5	20# Steel	SmCo	24
SPDK-S152/20-38.1/4	Φ152.4xΦ116.5x38.1	20# Steel	SmCo	20
SPDK-S213/20-38.1/22.5	Φ212.7xΦ175.8x38.1	20# Steel	SmCo	20

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Product List- Ferrite Magnetic Rotor Serials

Type	Photo	Specification	Surface Magnetic Field
Ferrite Magnetic Rotor with Shaft		Magnet $\Phi 13*20$ Shaft $\Phi 2.5$ OD 2 poles	$\geq 1450GS$
		Magnet $\Phi 15*25$ Shaft $\Phi 2.5$ OD 2 poles	$\geq 1450GS$
		Magnet $\Phi 19*20$ Shaft $\Phi 3.5$ OD 2 poles	$\geq 1550GS$
		Magnet $\Phi 19*25$ Shaft $\Phi 3.5$ OD 2 poles	$\geq 1550GS$
		Magnet $\Phi 19*30$ Shaft $\Phi 3.5$ OD 2 poles	$\geq 1550GS$
		Magnet $\Phi 19*32.5$ Shaft $\Phi 3.5$ OD 2 poles	$\geq 1550GS$
		Magnet $\Phi 19*35$ Shaft $\Phi 3.5$ OD 2 poles	$\geq 1550GS$
		Magnet $\Phi 19*45$ Shaft $\Phi 3.5$ OD 2 poles	$\geq 1550GS$
		Magnet $\Phi 19.3*35$ Shaft $\Phi 3.5$ OD 2 poles	$\geq 1550GS$
		Magnet $\Phi 21.2*46.5$ Shaft $\Phi 5$ OD 2 poles	$\geq 1550GS$
		Magnet $\Phi 23*30$ Shaft $\Phi 5$ OD 2 poles	$\geq 1550GS$
		Magnet $\Phi 35*25$ Shaft $\Phi 5$ 6 poles	$\geq 1550GS$
Ferrite Magnetic Rotor with Impeller		Magnet $\Phi 9*10$ OD 2 poles	$\geq 1200GS$
		Magnet $\Phi 12*18$ OD 2 poles	$\geq 1300GS$
		Magnet $\Phi 12*22$ OD 2 poles	$\geq 1300GS$
		Magnet $\Phi 14.6*34$ OD 2 poles	$\geq 1450GS$
		Magnet $\Phi 15*30$ OD 2 poles	$\geq 1450GS$
		Magnet $\Phi 15*25$ OD 2 poles	$\geq 1450GS$
		Magnet $\Phi 16*18$ OD 2 poles	$\geq 1500GS$
		Magnet $\Phi 16*25$ OD 2 poles	$\geq 1500GS$
		Magnet $\Phi 18.3*35$ OD 2 poles	$\geq 1500GS$

Magnetic property : Br 3600~3900kGs H_{Cb} 3100~3400kOe H_{cj} 3300~3800 kOe

Application of ferrite magnetic rotor :Draining pump ,Filtration Pump ,Aquarium Serial ,Air cooler, Foot Bath and so on.

Above are our hot sale ferrite magnetic rotors, others specification could be customized according to customers' drawings

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Product List- Pot Magnet

Item No.	Product name	SPEC	Product Picture
POT-A16/POT-B16	锅磁A系列：沉孔 A Series: :Countersunk 锅磁B系列：直孔 B Series: :straight hole	A16/B16	
POT-A20/POT-B20		A20/B20	
POT-A25/POT-B25		A25/B25	
POT-A32/POT-B32		A32/B32	
POT-A36/POT-B36		A36/B36	
POT-A42/POT-B42		A42/B42	
POT-A48/POT-B48		A48/B48	
POT-A60/POT-B60		A60/B60	
POT-A75/POT-B75		A75/B75	
POT-C10		锅磁C系列：外螺纹 C Series: :outside screw	
POT-C12	C12		
POT-C16	C16		
POT-C20	C20		
POT-C25	C25		
POT-C32	C32		
POT-C36	C36		
POT-C42	C42		
POT-C48	C48		
POT-C60	C60		
POT-C75	C75		
POT-D10	锅磁D系列：内螺纹 D Series: :inside screw	D10	
POT-D12		D12	
POT-D16		D16	
POT-D20		D20	
POT-D25		D25	
POT-D32		D32	
POT-D36		D36	
POT-D42		D42	
POT-D48		D48	
POT-D60		D60	
POT-D75		D75	
POT-E10	挂钩E系列：普通挂钩 E Series: :normal hook	E10	
POT-E12		E12	
POT-E16		E16	
POT-E20		E20	
POT-E25		E25	
POT-E32		E32	
POT-E36		E36	
POT-E42		E42	
POT-E48		E48	
POT-E60		E60	
POT-E75		E75	

POT-F10	挂钩F系列：羊眼挂钩 F Series: :eyebolt hook	F10	
POT-F12		F12	
POT-F16		F16	
POT-F20		F20	
POT-F25		F25	
POT-F32		F32	
POT-F36		F36	
POT-F42		F42	
POT-F48		F48	
POT-F60		F60	
POT-F75		F75	
POT-G25	挂钩G系列：旋转挂钩 G Series: :rotating hook	G25	
POT-G32		G32	
POT-G36		G36	
POT-I10	锅磁I系列：长条锅磁 F Series: :bar pot magnet	I10	
POT-I15		I15	
POT-I20		I20	
POT-I30		I30	
POT-I40		I40	
POT-I50		I50	
POT-I60		I60	
POT-I80		I80	
POT-I100		I100	
POT-I120		I120	
POT-J25	锅磁J系列：吊环锅磁 F Series: :flying ring hook	J25	
POT-J32		J32	
POT-J36		J36	
POT-J42		J42	
POT-J48		J48	
POT-J60		J60	
POT-J75		J75	
POT-K22	包胶磁吸盘K系列：外螺纹 K-Series: rubber cover with outside screw	K22	
POT-K32		K32	
POT-K43		K43	
POT-K66		K66	
POT-K88		K88	

Remark. Custom-designed products are acceptable, please specify detail spec to us.

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Website: <http://www.spmagnet.com>



Product List- Magnetic Badge

Item No.	Assy Size	Magnet Size	Product Picture
SPMB-T01	45*13mm	magnet D9.5mm	
SPMB-S01	45*13mm	magnet D9.5mm	
SPMB-S02	45*13mm	magnet D9.5mm	
SPMB-S03	60*14mm	magnet D10mm	
SPMB-T03	60*14mm	magnet D10mm	
SPMB-S07	45*13mm	magnet D10mm	
SPMB-S08	45*13mm	magnet D8mm	



Product List- Magnetic Filter Bar




Item No.	Size OD	Size Length	Surface field	Product Picture
SPFB-D6	Φ6mm	≤3000mm	4000Gs	<p>Type A:normal type</p> 
SPFB-D8	Φ8mm	≤3000mm	4000Gs	
SPFB-D9	Φ9mm	≤3000mm	4000Gs	
SPFB-D10	Φ10mm	≤3000mm	4000Gs	
SPFB-D12	Φ12mm	≤3000mm	4000Gs-5000Gs	<p>Type B:Screw hole</p> 
SPFB-D16	Φ16mm	≤3000mm	4000Gs-6000Gs	
SPFB-D19	Φ19mm	≤3000mm	4000Gs-7000Gs	<p>Type C:External thread</p> 
SPFB-D20.3	Φ20.3mm	≤3000mm	4000Gs-7000Gs	
SPFB-D22	Φ22mm	≤3000mm	4000Gs-8000Gs	<p>Type D:Flying rings</p> 
SPFB-D25	Φ25mm	≤3000mm	4000Gs-12000Gs	
SPFB-D32	Φ32mm	≤3000mm	4000Gs-12000Gs	<p>Type E:Handheld type</p> 
SPFB-D38	Φ38mm	≤3000mm	4000Gs-12000Gs	
SPB-D50	Φ50	≤3000mm	4000Gs-12000Gs	
SPB-D63	Φ63	≤3000mm	4000Gs-12000Gs	

Remark:

- 1.Max working temperature : standard 80°C /100°C/ 120°C / 150°C / 180°C
2. Customer can specify detail magnetic filter bar type,length ,surface field and max working temp .
3. Custom-designed products are acceptable, please specify detail spec to us.
4. Contact : chernice@spmagnet.com M: +86-18811885765 ; sybil@spmagnet.com M:+86-18926565595



Product List- Magnetic Plate

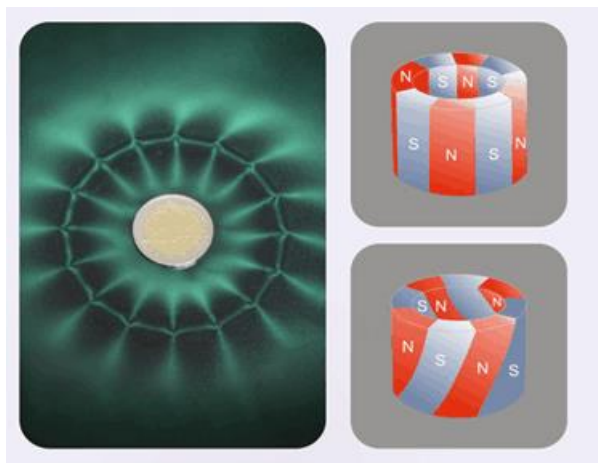
	Type A:Normal	Type B:Flying ring	Type D:W2 type
Product Picture			
Item No.	SPMP-1	SPMP-2	SPMP-3
Length	100-1000mm	100-1000mm	100-1000mm
Width	100-1000mm	100-1000mm	100-1000mm
Height	15mm-25mm	28mm-50mm	53mm-65mm
Surface field	3000Gs	3000Gs-4000Gs	3000Gs-5000Gs
Effective Distance	50~80mm	100~120mm	150~200mm

1.Customer can specify detail magnetic plate type,size ,surface field requirement.

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烧结钕铁硼辐射环

(Radial Magnetized Sintered NdFeB Ring Magnets)



介绍 Introduction

超磁实业有限公司的烧结钕铁硼辐射环磁铁采用新的多级聚合辐射取向成型方法成功开发，大大提高了电机的性能。广泛应用于磁力轮，EPS 电机，硬盘主轴电机和测速电机等。

Sintered NdFeB Ring Magnet Magnetized in Radial Direction from Super Magnet Co., Ltd is developed successfully which is using the shaping method by new multipole radiation orientation, It greatly improve the performance of the motor. It is widely used for Magnetic gear, EPS Motor, Spindle motor for HDD and Speed motor etc.

产品范围 Range of products

辐射环产品(Radial Ring Magnet)	范围(range)
牌号(material grade)	N35-N48, 35H-48H, 33SH-45SH, 33EH-38EH, 30UH-40UH
外径 (outer diameter)	15mm-100mm
内径 (inner diameter)	Min 10 mm
高度 (height)	2mm-40mm
壁厚 (thickness)	Min 1.5mm

特性 Features

与拼接磁瓦对比情况 comparison with the ring jointed by the segments:

- 1) . **电机性能:** 使电机的功率提升 15% 以上;
Motor performance: make motor power increases more than 15%
- 2) . **加工工艺:** 结构简单,可靠性更高,简化组装生产工艺,同时也降低了装配成本;
Processing technic: simple mechanism and good reliability, Simplify the assembly process, also reduces the assembly costs.
- 3) . **外形精度:** 外形尺寸精度高,同轴度和垂直度好;
Appearance precision: the higher precision, the good coaxiality and verticality;
- 4) . **模具和夹具:** 每款辐射产品需要定制的模具和夹具 .
Tooling : each radial products will request customized mould and magnetization fixture separately.

Super Magnet Co.,Ltd



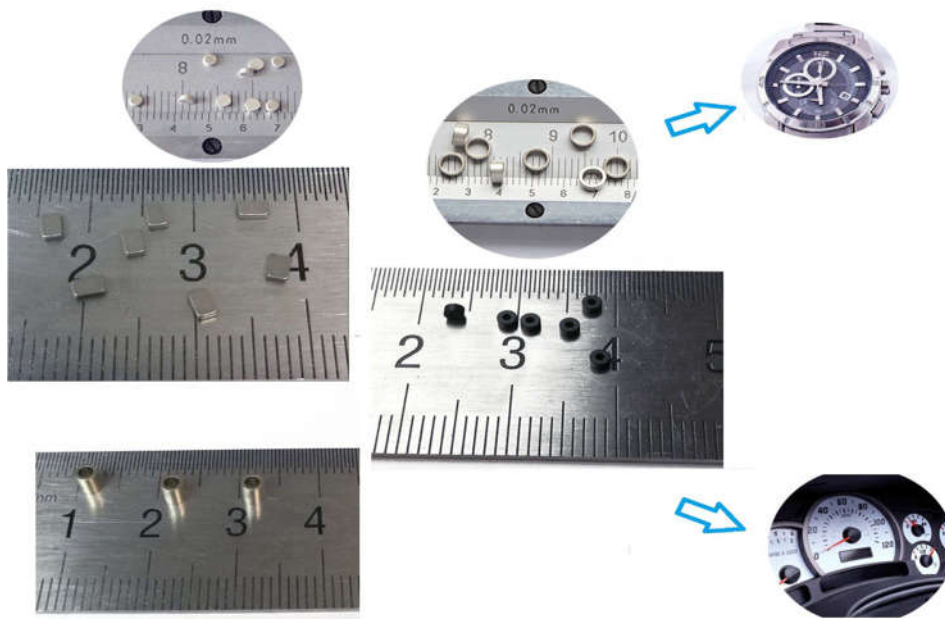
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精密微小磁铁

(Micro Magnets with high precision)



介绍 Introduction

超磁实业有限公司的精密微小磁铁采用手表宝石加工工艺生产，通常产品应用于手表，汽车仪表，手机振动马达等领域。

The micro magnets with high precision were produced with gem processing technology by Super Magnet Co.,Ltd . . This serials magnets are widely applied to the fields of watch, automobile instruments, mobile phone and so on.

尺寸范围 Dimension Range

Magnet Shape	Dimension Range
Ring Magnet	OD \varnothing 0.8-10.0mm, ID \varnothing 0.2-3.0mm, H 0.1-15mm
Block Magnets	L 0.5-3.0mm, W 0.5-3.0mm, H 0.5-3.0mm,
Cylinder Magnets	Dia \varnothing 0.2-2.0, H 0.5-3.0mm
Special Type Magnets	Custom size is available

磁性能 Magnetic Property

Material Type	BHmax
NdFeB Magnet	33-52 MGOe
Smco Magnets	17-32 MGOe
Ferrite Magnet	0.8-4.4 MGOe



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