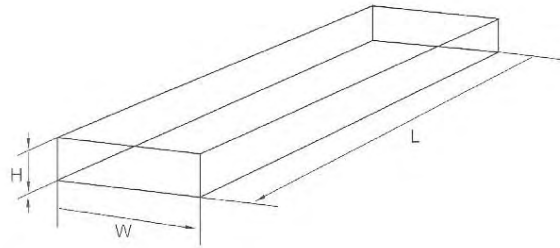
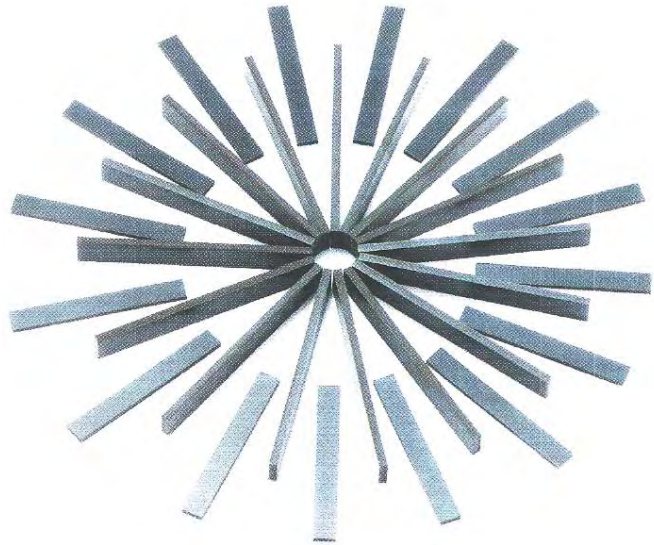


产品系列号 Product Number	产品名称 Classifications of product	用途 Applications	页码 Page
9004001	电机磁条 Electric motor strip	应用于传动、驱动设备的小型精密马达等 precise micro-motors	04
9004002	卷材磁片 Rolling magnetic sheet	用于大型广告装饰、玩具以及各类工艺品等 large-scale advertising ornaments, toys, and diversified craftworks and etc.	06
9004003	切割磁片 Cutting magnetic sheet	用于仪器、仪表传感器、广告、装饰玩具以及各类工艺品等 Instruments, meters, sensors, advertising ornaments, toys, different kinds of craftworks	07
9004004	压痕磁片 Calendaring magnetic sheet	用于广告、装饰玩具以及各类工艺品等 advertising ornaments, toys and various craftworks etc.	09
9004005	挤出磁条 Extruded magnetic strip	应用于冰箱、饮水机、防盗门窗的密封磁条等 door seals of refrigerator, door seals of water fountain, magnetic drawing palletes, toys, teaching usages, door seals of bath, delays, switches and etc.	10
9004006	调频片 FM sheet	用于电视机显像管补正DY用 Adjusting DY of TV picture tubes	11
9004007	软磁片 Flexible magnetic sheet	用于电视机偏转磁芯纠偏用 Magnetic compensation for deflection yoke(DY)on Color TV and Monitor.	13
9004008	铁布 Ferrite sheet	用于镖靶、装饰、玩具以及各类工艺品等 Dart panels, ornaments, toys, various craftworkds and etc.	14
9004009	抗干扰磁片 Anti-EMI(Electro Magnetic Interference)sheet	用于手机、精密电子仪器、仪表的防电磁辐射的保护片等 mobile phone, sophisticated electronic instruments and meters.	15
9004010	异形磁体 Anisotropic magnet	用于高级宾馆门锁、电子仪器、仪表、医疗保健、传感器、玩具以及各类工艺品等 Door-locks in high-class hotels, instrments & Meters, medical treatment & health care, sensors, toys, different kinds of craftworks	16
9004011	Fo <sub>2</sub> 颗粒料 Fo <sub>2</sub> granule	主要用于挤出、出片成型的各系列橡塑磁体 door seals with various grades and specifications.	17
9004012	注塑用橡胶颗粒料 Rubber magnetic granule for injection	用于注塑工艺生产的各系列橡塑磁体 Rubber alphabetical molds and various craftworks.	18
9004013	PCM会聚磁组件 PCM(Purity convergence magnet)	用于彩色显示器管径上 use around neck of an in-line type color picture tube	19
9004014	异性磁环及转子 Anisotropic magnetic ring&Rotator	用于微电机、自动化控制, 仪器仪表等领域 micro-motots, automatic control, instruments & meters and so on.	21
9004015	调整片补正体 DY compensator	用于彩色显示器上、与DY偏转磁芯配套使用 use in color display companying with DY.	22
9004016	注塑磁颗粒料 Magnetic granule for injection	用于电机轻子、磁环、PCM等的生产 rotators, magnetic rings, PCM and etc.	23
9004017	磁辊 magnetic roll	用于激光打印机及台式复印机上 laser beam printer and desk copier	25

电机磁条产品广泛就用于传动设备的小型精密马达。如：照相机、摄影机、录音机、VCD、DVD、随声听、电脑等。

Electric motor strips are extensively used in precise micro-motors, which can be applied to camera, video camera, recorder, VCD, DVD, workman, computer and etc.



◆ 磁体的尺寸公差如下

THE DIMENSIONAL TOLERANCES OF ELECTRIC MOTOR STRIPS

长度 Length(mm)L		宽度 Width(mm)W		高度 Height(mm)H	
尺寸范围 Dimension	公差 Tolerance	尺寸范围 Dimension	公差 Tolerance	尺寸范围 Dimension	公差 Tolerance
<100	±0.1	<15	±0.1	<5	±0.05
100~250	±0.2%	15~30	±0.15	5~9	±0.1
≥250	±0.25%	≥30	±0.1%	≥9	±0.15

注：如顾客提供的尺寸公差不在表格中的范围，则依据顾客提供的产品尺寸公差要求。

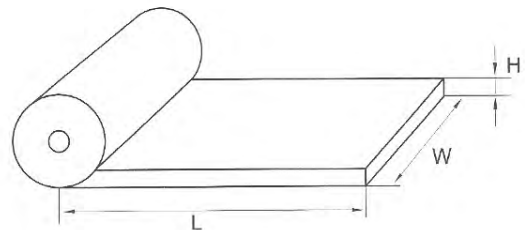
Note: products will be manufactured with the dimensional tolerances of products required by the customers, if the dimensional tolerances are not in the range of the above table.

◆ 材料性能指标 MATERIAL PERFORMANCE INDEX

牌 号 Model		DMS007	DMS008	DMS009	
Technical parameters 技术参数	剩余磁感应强度 Remnant induction	(T)	235~275	250~280	240~260
		(Gs)	2350~2750	2500~2800	2400~2600
	矫顽力 Cohesive force	KA/m	163~195	159~191	163~195
		(Oe)	2050~2450	2000~2400	2050~2450
	内禀矫顽力 Intrinsic cohesive force	KA/m	207~287	191~255	191~255
		(Oe)	2600~3600	2400~3200	2400~3200
最大磁能积 Maximum energy product	KJ/m <sup>3</sup>	10.8~13.2	12~14.4	10.8~13.2	
	(MGOe)	1.35~1.65	1.5~1.8	1.35~1.65	
Physical property 物理性能	拉伸强度 Tensile strength (kg/cm <sup>2</sup> )		≥10	≥15	≥15
	硬度 Hardness(A)		≥90	≥90	≥90
	密度 Density (g/cm <sup>3</sup> )		3.6~3.8	3.6~3.8	3.6~3.8
	温度范围 Temp range °C		-40~100	-40~85	-40~85
	阻燃性 Anti-ignition		V-0	V-0	V-0
Chemical property 化学性能(23℃)	酒精 Alcohol		优 Excellent	良 good	良 good
	洗涤剂 Abluent		优 Excellent	良 good	良 good
	有机酸/无机酸 Organic acid/inorganic acid		一般 Average	一般 Average	一般 Average
	醚酮, 稀释剂 Thinner		一般 Average	一般 Average	一般 Average
	液压油 Hydraulic pressure oil		优 Excellent	一般 Average	一般 Average
	水 Water		优 Excellent	优 Excellent	优 Excellent

自然卷材磁片的长度较长，便于包装、运输等特点，而且尺寸的自由度大，可随意进行冲、压、切等方法进行加工。还可以在无磁面贴各种胶带和PVC等材料，方便客户的使用。它主要用于大型的广告装饰、玩具、名片、电话本及各类工艺品等。

Rolling magnetic sheets have long lengths and flexible dimensions, which feature in easily packing and transportation. These magnetic materials can be fabricated with various methods, for instance, punching, calendaring, cutting ect., and also can be adhered with adhesive tapes and PVC materials on the surface without magnetization. They are mainly used in large-scale advertising ornaments, toys, business cards, telephone books and diversified craftworks and etc.



◆ 卷材磁片尺寸公差如下

THE DIMENSIONAL TOLERANCES OF ROLLING MAGNETIC SHEETS

长度 Length(L)	公差范围 Tolerance	宽度 Width(W)	公差范围 Tolerance	高度 Height(H)	公差范围 Tolerance
	mm	mm	mm	mm	mm
任意 As requested	+2%/-0	≤800	±4	0.4	+0.05/-0.15
				0.5	+0.05/-0.15
				0.8	+0.05/-0.15
				1	+0.05/-0.15
				1.2	+0.05/-0.15

产品材料牌号 Model		DMS003	DMS005	DMS006
Technical parameters 技术参数	剩余磁感应强度 Remnant induction Gs	1850~2250	2100~2500	2400~2800
	矫顽力 Cohesive force Oe	1400~1800	1600~2000	2000~2400
	内禀矫顽力 Intrinsic cohesive force Oe	1800~2800	2000~3000	2400~3200
	最大磁能积 Maximum energy product MGoe	0.8~1.2	1.0~1.4	1.4~1.8
Physical property 物理性能	拉伸强度 Tensile strength (kg/cm <sup>2</sup> )	≥20	≥20	≥20
	硬度 Hardness(A)	≥90	≥90	≥90
	密度 Density (g/cm <sup>3</sup> )	3.6~3.8	3.6~3.8	3.6~3.8
	温度范围 Temp range °C	-40~85	-40~85	-40~85
	阻燃性 Anti-ignition	V-0	V-0	V-0
Chemical property 化学性能	酒精 Alcohol	良 good	良 good	良 good
	洗涤剂 Abluent	良 good	良 good	良 good
	有机酸/无机酸 Organic acid/inorganic acid	一般 Average	一般 Average	一般 Average
	醚酮, 稀释剂 Thinner	一般 Average	一般 Average	一般 Average
	液压油 Hydraulic pressure oil	一般 Average	一般 Average	一般 Average
	水 Water	优 Excellent	优 Excellent	优 Excellent

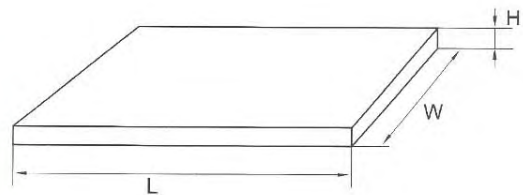
切割磁片

**CUTTING MAGNETIC SHEET 9004003**

HENGDIAN GROUP DMEGC MAGNETICS CO.,LTD.

切割磁片是长度在1米以下，已经切割成各种规格尺寸的磁片。主要用于仪器仪表、传感器、广告装饰、玩具、各类工艺品等。

Cutting magnetic sheets have lengths below 1 meter and have been cut in all kinds of dimension of specification. These materials are mainly used in instruments, meters, sensors, advertising ornaments, toys, different kinds of craftworks and etc.



◆ 切割磁片尺寸公差如下

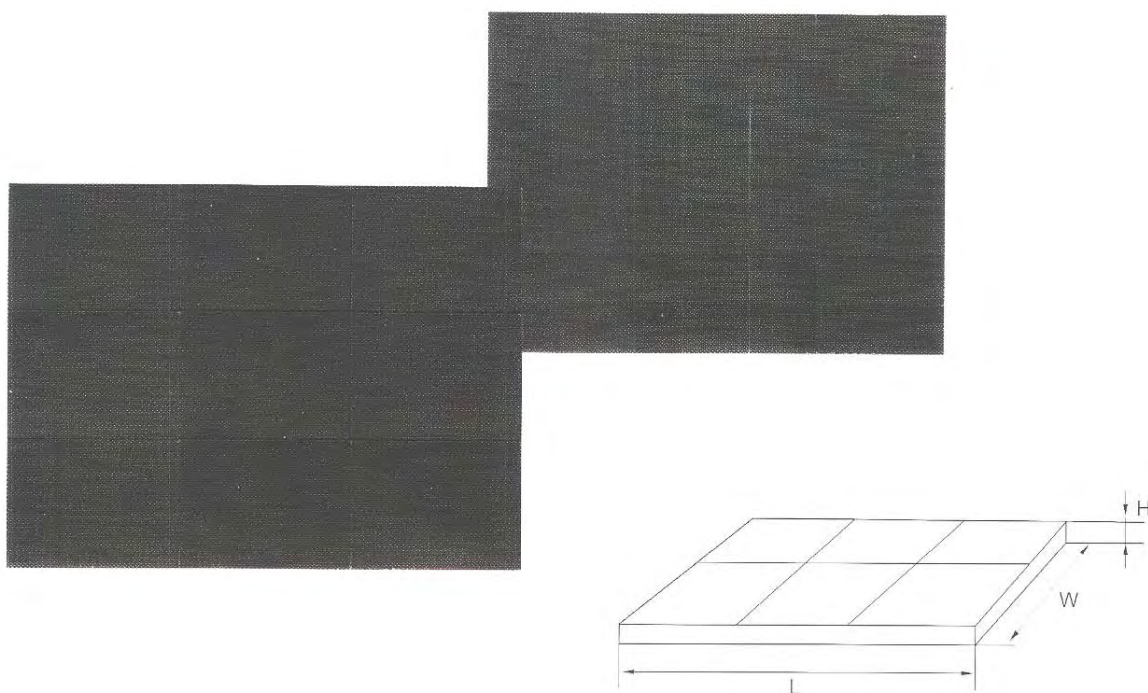
THE DIMENSIONAL TOLERANCES OF CUTTING MAGNETIC SHEETS

长度 Length(L)	公差范围 Tolerance	宽度 Width(W)	公差范围 Tolerance	高度 Height(H)	公差范围 Tolerance
mm	mm	mm	mm	mm	mm
≤10	±0.5	≤10	±0.5		
(10,200]	±1.5	(10,200]	±1.5	(0,1]	+0.05/-0.15
(200,300]	±1.6	(200,300]	±1.6	(1,2]	+0.05/-0.15
(300,400]	±2	(300,400]	±2	(2,4]	+0.1/-0.2
(400,600]	±3	(400,600]	±3	(4,6]	+0.1/-0.3
(600,800]	±4	(600,800]	±4	(6,12]	+0.2/-0.4
(800,1000]	±5				

产品材料牌号 Model		DMS003	DMS005	DMS006
Technical parameters 技术参数	剩余磁感应强度 Remnant induction Gs	1850~2250	2100~2500	2400~2800
	矫顽力 Cohesive force Oe	1400~1800	1600~2000	2000~2400
	内禀矫顽力 Intrinsic cohesive force Oe	1800~2800	2000~3000	2400~3200
	最大磁能积 Maximum energy product MGOe	0.8~1.2	1.0~1.4	1.4~1.8
Physical property 物理性能	拉伸强度 Tensile strength (kg/cm <sup>2</sup> )	≥20	≥20	≥20
	硬度 Hardness(A)	≥90	≥90	≥90
	密度 Density (g/cm <sup>3</sup> )	3.6~3.8	3.6~3.8	3.6~3.8
	温度范围 Temp range °C	-40~85	-40~85	-40~85
	阻燃性 Anti-ignition	V-0	V-0	V-0
Chemical property 化学性能	酒精 Alcohol	良 good	良 good	良 good
	洗涤剂 Abluent	良 good	良 good	良 good
	有机酸/无机酸 Organic acid/inorganic acid	一般 Average	一般 Average	一般 Average
	醚酮, 稀释剂 Thinner	一般 Average	一般 Average	一般 Average
	液压油 Hydraulic pressure oil	一般 Average	一般 Average	一般 Average
	水 Water	优 Excellent	优 Excellent	优 Excellent

压痕磁片是用压痕机压制的磁片，一般是有特殊要求的产品。这类产品主要用于广告装饰、玩具以及各类工艺品等。

Calendarling magnetic sheets, which are always with special requirement, are calendarling by calendarer. These kinds of products are mainly used in advertising ornaments, toys and various craftworks etc.



◆ 压痕磁片尺寸公差如下

THE DIMENSIONAL TOLERANCES OF CUTTING MAGNETIC SHEETS

长度 Length(L)	公差范围 Tolerance	宽度 Width(W)	公差范围 Tolerance	高度 Height(H)	公差范围 Tolerance
mm	mm	mm	mm	mm	mm
≤10	±0.5	≤10	±0.5	≤2	+0.05/-0.15
(10,200]	±1.5	(10,200]	±1.5		
(200,300]	±1.6	(200,300]	±1.6		
(300,400]	±2	(300,400]	±2		

产品材料牌号 Model		DMS003	DMS005	DMS006
Technical parameters 技术参数	剩余磁感应强度 Remnant induction Gs	1850~2250	2100~2500	2400~2800
	矫顽力 Cohesive force Oe	1400~1800	1600~2000	2000~2400
	内禀矫顽力 Intrinsic cohesive force Oe	1800~2800	2000~3000	2400~3200
	最大磁能积 Maximum energy product MGOe	0.8~1.2	1.0~1.4	1.4~1.8
Physical property 物理性能	拉伸强度 Tensile strength (kg/cm <sup>2</sup> )	≥20	≥20	≥20
	硬度 Hardness(A)	≥90	≥90	≥90
	密度 Density (g/cm <sup>3</sup> )	3.6~3.8	3.6~3.8	3.6~3.8
	温度范围 Temp range °C	-40~85	-40~85	-40~85
	阻燃性 Anti-ignition	V-0	V-0	V-0
Chemical property 化学性能	酒精 Alcohol	良 good	良 good	良 good
	洗涤剂 Abluent	良 good	良 good	良 good
	有机酸/无机酸 Organic acid/inorganic acid	一般 Average	一般 Average	一般 Average
	醛酮, 稀释剂 Thinner	一般 Average	一般 Average	一般 Average
	液压油 Hydraulic pressure oil	一般 Average	一般 Average	一般 Average
	水 Water	优 Excellent	优 Excellent	优 Excellent

### 挤出磁条 EXTRUDED MAGNETIC STRIP 9004005

HENGDIAN GROUP DMEGC MAGNETICS CO.,LTD.

挤出磁条广泛应用于冰箱门封、饮水机门封、磁性画板、玩具、教学、浴室的密封条、继电器、开关等。

Extruded magnetic strips are widely used in door seals of refrigerator, door seals of water fountain, magnetic drawing palettes, toys, teaching usages, door seals of bath, delays, switches and etc.





◆ 挤出磁条尺寸公差如下

THE DIMENSIONAL TOLERANCES OF EXTRUDED MAGNETIC STRIPS

宽度 Width (mm) W		高度 Height (mm) H	
尺寸范围	公差	尺寸范围	公差
<20	±0.15	<3	±0.07
20~40	±0.2	3~6	±0.1
≥40	±1%	≥6	±3%

注：如顾客提供的尺寸公差不在表格中的范围，则依据顾客提供的产品尺寸公差要求。

Note: products will be manufactured with the dimensional tolerances of products required by the customers, if the dimensional tolerances are not in the range of the above table.

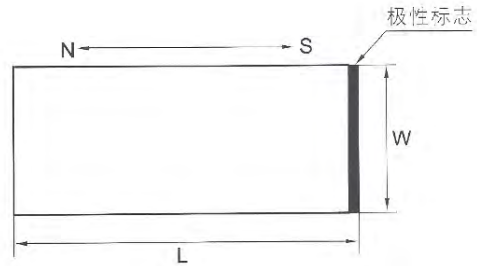
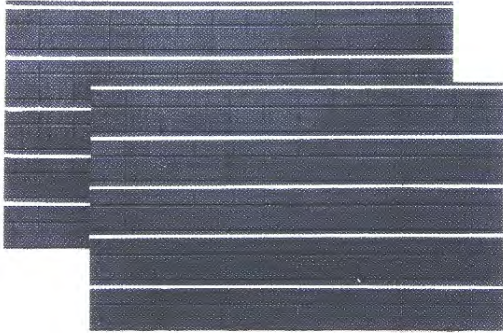
产品材料牌号 Model		DMS003	DMS005	DMS006
Technical parameters 技术参数	剩余磁感应强度 Remnant induction Gs	1300~1600	1750~2150	2000~2400
	内禀矫顽力 Intrinsic cohesive force Oe	1800~2800	2000~3000	2400~3200
	矫顽力 Cohesive force Oe	1000~1400	1350~1750	1600~2000
	最大磁能积 Maximum energy product MGOe	0.3~0.7	0.7~1.1	0.9~1.3
Physical property 物理性能	拉伸强度 Tensile strength (kg/cm <sup>2</sup> )	≥20	≥20	≥20
	硬度 Hardness(A)	≥90	≥90	≥90
	密度 Density (g/cm <sup>3</sup> )	3.6~3.8	3.6~3.8	3.6~3.8
	温度范围 Temp range °C	-40~85	-40~85	-40~85
	阻燃性 Anti-ignition	V-0	V-0	V-0
Chemical property 化学性能	酒精 Alcohol	良 good	良 good	良 good
	洗涤剂 Abluent	良 good	良 good	良 good
	有机酸/无机酸 Organic acid/inorganic acid	一般 Average	一般 Average	一般 Average
	醚酮, 稀释剂 Thinner	一般 Average	一般 Average	一般 Average
	液压油 Hydraulic pressure oil	一般 Average	一般 Average	一般 Average
	水 Water	优 Excellent	优 Excellent	优 Excellent

**调频片FM FM(FREQUENCY MODULATION) SHEET 9004006**

HENGDIAN GROUP DMEGC MAGNETICS CO.,LTD.

调频片主要用于电视显像管补正DY用等。

FM sheets are mainly used in adjusting DY of TV picture tubes.



调频片尺寸公差如下

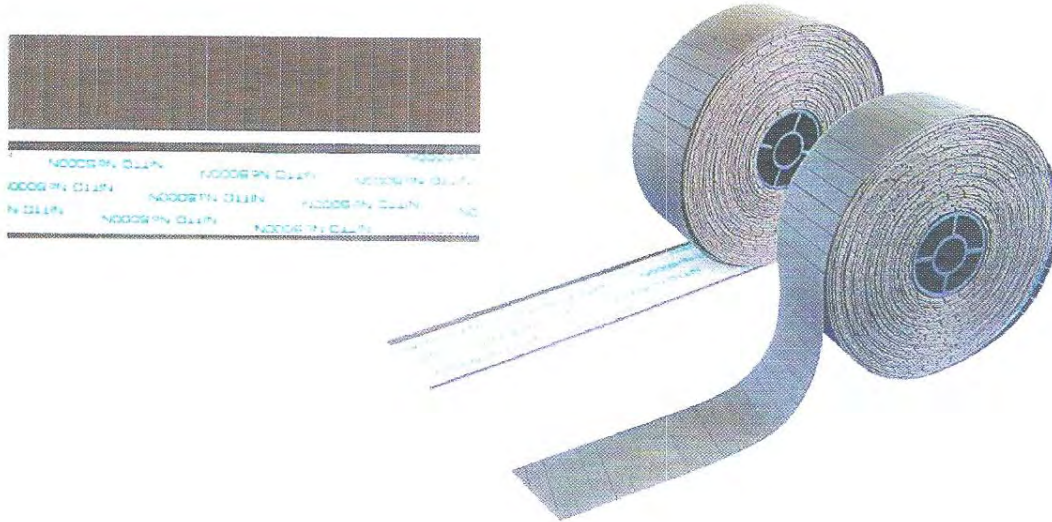
### THE DIMENSIONAL TOLERANCES OF FM SHEETS

长度 Length(L)	公差范围 Tolerance	宽度 Width(W)	公差范围 Tolerance	高度 Height(H)	公差范围 Tolerance
mm	mm	mm	mm	mm	mm
10	±0.2	10	±0.2	1	±0.1
13	±0.2	8	±0.2	5	±0.1

产品材料牌号 Model		DMS001
Technical parameters 技术参数	剩余磁感应强度 Remnant induction Gs	1300~1600
	矫顽力 Cohesive force Oe	1000~1400
	内禀矫顽力 Intrinsic cohesive force Oe	1800~2800
	最大磁能积 Maximum energy product MGOe	0.3~0.7
Physical property 物理性能	拉伸强度 Tensile strength (kg/cm <sup>2</sup> )	≥20
	硬度 Hardness(A)	≥90
	密度 Density (g/cm <sup>3</sup> )	3.6~3.8
	温度范围 Temp range °C	-40~85
	阻燃性 Anti-ignition	V-0
Chemical property 化学性能	酒精 Alcohol	良 good
	洗涤剂 Abluent	良 good
	有机酸/无机酸 Organic acid/inorganic acid	一般 Average
	醚酮, 稀释剂 Thinner	一般 Average
	液压油 Hydraulic pressure oil	一般 Average
	水 Water	优 Excellent

软磁片主要用于电视机偏转芯纠偏用。

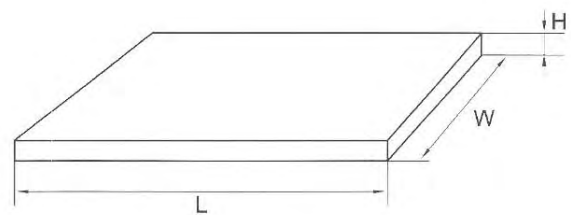
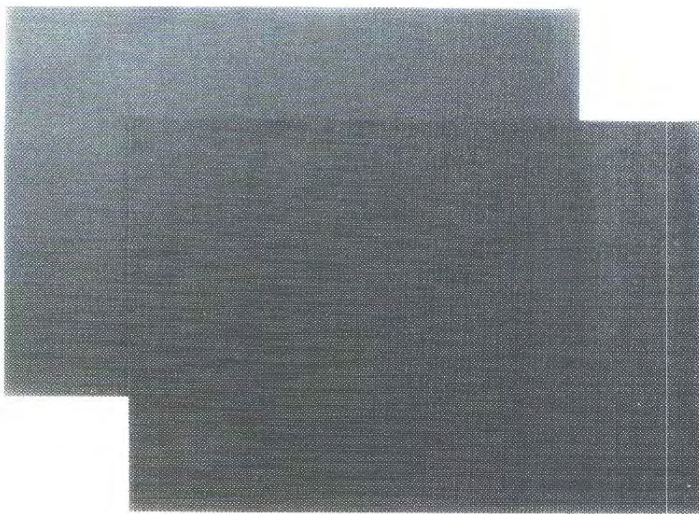
Flexible magnetic sheets are mainly used for magnetic compensation for deflection yoke (DY) on Color TV and Monitor.



	产品材料牌号 Model	DMS0011
Technical parameters 技术参数	起始磁导率 Initial permeability	8~15
Physical property 物理性能	拉伸强度 Tensile strength (kg/cm <sup>2</sup> )	≥10
	硬度 Hardness(A)	≥90
	密度 Density (g/cm <sup>3</sup> )	3.6~3.8
	温度范围 Temp range °C	-40~120
	阻燃性 Anti-ignition	V-0
Chemical property 化学性能	酒精 Alcohol	良 good
	洗涤剂 Abluent	良 good
	有机酸/无机酸 Organic acid/inorganic acid	一般 Average
	醚酮, 稀释剂 Thinner	一般 Average
	液压油 Hydraulic pressure oil	一般 Average
	水 Water	优 Excellent

铁布是用铁粉和黏结剂结合的一种磁片，该产品有容易加工，尺寸形状自由度大等特点，主要用于镖靶、装饰、玩具、各类工艺品等。

Ferrite sheets are produced from a compound of soft ferrite powder and binder. These products, which are mainly used in dart panels, ornaments, toys, various craftworks and etc, have the features of easily processing, flexibility of shapes and dimensions.



◆ 铁布尺寸公差如下

THE DIMENSIONAL TOLERANCES OF FERRITE SHEETS

(10,200]	±1.5	(10,200]	±1.5	(0,1]	+0.05/-0.15
(200,300]	±1.6	(200,300]	±1.6	(1,2]	+0.05/-0.15
(300,400]	±2	(300,400]	±2	(2,4]	+0.1/-0.2
(400,600]	±3	(400,600]	±3	(4,6]	+0.1/-0.3
(600,800]	±4	(600,800]	±4	(6,12]	+0.2/-0.4
(800,1000]	±5				

产品材料牌号 Model		DMS0012
起始磁导率 Initial permeability		≥11
Physical property 物理性能	拉伸强度 Tensile strength (kg/cm <sup>2</sup> )	≥10
	硬度 Hardness(A)	≥90
	密度 Density (g/cm <sup>3</sup> )	4.2~4.4
	温度范围 Temp range °C	-40~85
	阻燃性 Anti-ignition	V-0
Chemical property 化学性能	酒精 Alcohol	良 good
	洗涤剂 Abluent	良 good
	有机酸/无机酸 Organic acid/inorganic acid	一般 Average
	醚酮, 稀释剂 Thinner	一般 Average
	液压油 Hydraulic pressure oil	一般 Average
	水 Water	优 Excellent

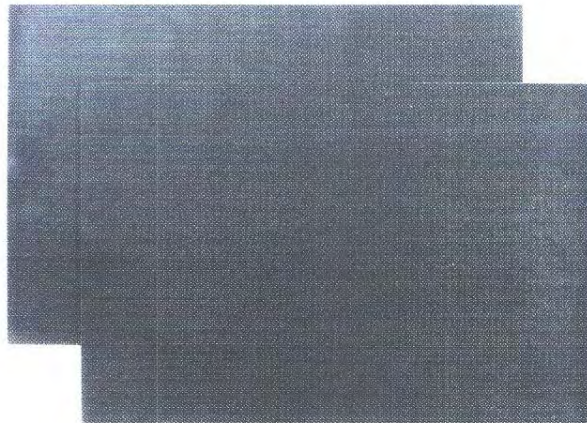
**抗干扰磁片**

**ANTI-EMI(ELECTRO MAGNETIC INTERFERENCE) SHEET 9004009**

HENGDIAN GROUP DMEGC MAGNETICS CO.,LTD.

抗干扰磁片是一种防电磁波辐射的材料，形状为片状、条状，用于手机、精密电子仪器、仪表的防电磁辐射保护片等。

Anti-EMI sheet is a sheltering material for electro magnetic radiation. The shapes of the product can be sheet or strip. It can be used for sheltering EMI for mobile phone、sophisticated electronic instruments and meters.



材料特性 property of materials	
磁导率 Initial permeability (MHZ)	12~18
拉伸强度 Tensile strength (kg/cm <sup>2</sup> )	≥20
硬度 Hardness(A)	27~50D
密度 Density (g/cm <sup>3</sup> )	4.0~4.4
温度范围 Temp range °C	-40~100
阻燃性 Anti-ignition	V-0
电阻率 Resistivity Ω	≥10 <sup>8</sup>

导形磁体

ANISOTROPIC MAGNET 9004010  
HENGDIAN GROUP DMEGC MAGNETICS CO.,LTD.

导形磁体是磁片经过冲压等工艺，加工成各种形状的产品。主要应用于高级宾馆的门锁、仪器仪表、医疗保健、传感器、玩具、各类工艺品等。

Anisotropic magnets can be fabricated into various shapes with different processing methods, such as punching. These products are primarily used in door-locks in high-class hotels, instruments & meters, medical treatment & health care, sensors, toys, different kinds of craftworks and etc.

◆ 代表性产品规格 MAIN SPECIFICATIONS OF PRODUCT

规格 Specifications (mm)
$\Phi 19^{\pm 0.5} \times 1^{-0.05/-0.15}$
$59^{-0/-0.4} \times 26.1^{\pm 0.2} \times 0.8^{\pm 0.1} \times \Phi 4.5^{+0.1}$
$\Phi 39.5^{\pm 0.5} \times \Phi 5.1^{+0.5} \times 2^{-0.05/-0.15}$
$63.5^{\pm 0.5} \times 15.9^{\pm 0.5} \times 2 - \Phi 5^{\pm 0.3} \times 3.18^{\pm 0.5}$



产品材料牌号 Model		DMS003	DMS005	DMS006
Technical parameters 技术参数	剩余磁感应强度 Remnant induction Gs	1850~2250	2100~2500	2400~2800
	矫顽力 Cohesive force Oe	1400~1800	1600~2000	2000~2400
	内禀矫顽力 Intrinsic cohesive force Oe	1800~2800	2000~3000	2400~3200
	最大磁能积 Maximum energy product MGOe	0.8~1.2	1.0~1.4	1.4~1.8
Physical property 物理性能	拉伸强度 Tensile strength (kg/cm <sup>2</sup> )	≥20	≥20	≥20
	硬度 Hardness(A)	≥90	≥90	≥90
	密度 Density (g/cm <sup>3</sup> )	3.6~3.8	3.6~3.8	3.6~3.8
	温度范围 Temp range °C	-40~85	-40~85	-40~85
	阻燃性 Anti-ignition	V-0	V-0	V-0
Chemical property 化学性能	酒精 Alcohol	良 good	良 good	良 good
	洗涤剂 Abluent	良 good	良 good	良 good
	有机酸/无机酸 Organic acid/inorganic acid	一般 Average	一般 Average	一般 Average
	醚酮, 稀释剂 Thinner	一般 Average	一般 Average	一般 Average
	液压油 Hydraulic pressure oil	一般 Average	一般 Average	一般 Average
	水 Water	优 Excellent	优 Excellent	优 Excellent

**Fo<sub>2</sub>颗粒料 Fo<sub>2</sub>GRANULE 9004011**

HENGDIAN GROUP DMEGC MAGNETICS CO.,LTD.

主要应用于挤出成型各种档次及各种规格的门封条。

Fo<sub>2</sub>granules are mainly used to extrude into door seals with various grades and specifications.



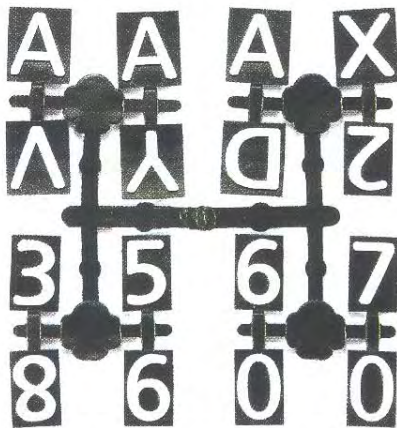
产品材料牌号 Model		DMS001	DMS004
Technical parameters 技术参数	剩余磁感应强度 Remnant induction Gs	1300~1600	2000~2400
	内禀矫顽力 Intrinsic cohesive force Oe	1800~2800	2400~3200
	矫顽力 Cohesive force Oe	1000~1400	1600~2000
	最大磁能积 Maximum energy product MGOe	0.3~0.7	0.9~1.3
Physical property 物理性能	拉伸强度 Tensile strength (kg/cm <sup>2</sup> )	≥20	≥20
	硬度 Hardness(A)	≥90	≥90
	密度 Density (g/cm <sup>3</sup> )	3.6~3.8	3.6~3.8
	温度范围 Temp range °C	-40~85	-40~85
	阻燃性 Anti-ignition	V-0	V-0
Chemical property 化学性能	酒精 Alcohol	良 good	良 good
	洗涤剂 Abluent	良 good	良 good
	有机酸/无机酸 Organic acid/inorganic acid	一般 Average	一般 Average
	醚酮, 稀释剂 Thinner	一般 Average	一般 Average
	液压油 Hydraulic pressure oil	一般 Average	一般 Average
	水 Water	优 Excellent	优 Excellent

## 注塑用橡胶颗粒料 RUBBER MAGNETIC GRANULE FOR INJECTION 9004012

HENGDIAN GROUP DMEGC MAGNETICS CO.,LTD.

橡胶字模、各类工艺品等。

Rubber magnet granules for injection are mainly used in rubber alphabetical molds and various craftworks.





产品材料牌号 Model		DMS0010	
Technical Parameters 技术参数	剩余磁感应强度 Remnant induction	(T)	150~190
		(Gs)	1500~1900
	矫顽力 Cohesive force	(KA/m)	96~127
		(Oe)	1200~1600
	内禀矫顽力 Intrinsic cohesive force	(KA/m)	143~223
		(Oe)	1800~2800
最大磁能积 Maximum energy product	(KJ/m <sup>3</sup> )	3.2~6.4	
	(MGOe)	0.4~0.8	
Physical Property 物理性能	拉伸强度 Tensile strength (kg/cm <sup>2</sup> )	≥25	
	硬度 Hardness(A)	≥90	
	密度 Density (g/cm <sup>3</sup> )	3.4~3.7	
	温度范围 Temp range °C	-40~120	
	阻燃性 Anti-ignition	V-0	
Chemical Property 化学性能	酒精 Alcohol	良 good	
	洗涤剂 Abluent	良 good	
	有机酸/无机酸 Organic acid/inorganic acid	一般 Average	
	醚酮, 稀释剂 Thinner	一般 Average	
	液压油 Hydraulic pressure oil	一般 Average	
	水 Water	优 Excellent	

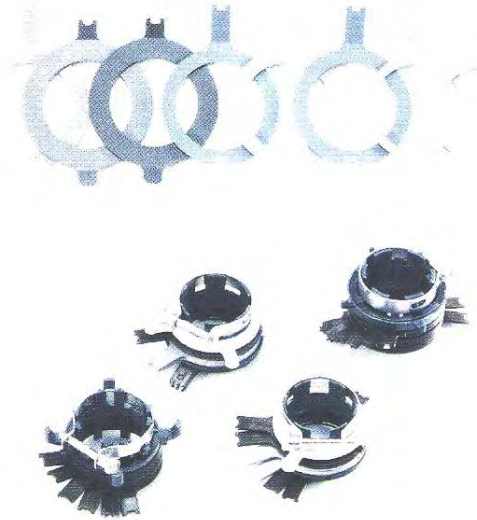
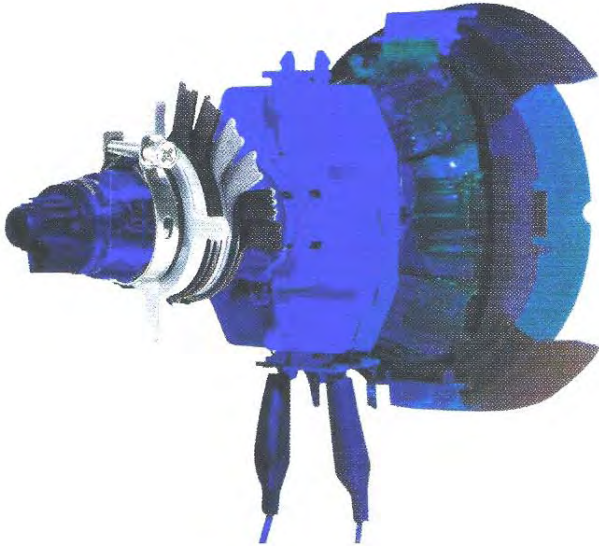
PCM会聚磁组件

**PURITY CONVERGENCE MAGNET 9004013**

HENGDIAN GROUP DMEGC MAGNETICS CO.,LTD.

产品系列用于彩色显示器管径上，它是由3付塑磁环组成。其中2、4、6极磁环圆周对称磁场分布，改变2、4、6极磁环的不同角度的大小就可改变磁场作用在电子枪的强弱，从而调整电子枪所发出的电子束R（红束），G（绿束），B（蓝束），使电子束能准确的打到彩色电子屏幕的相应位子上。

This is magnetic beam adjusting device using around neck of an in-line type color picture tube and is composed of three pairs of plastic magnetic rings. Each pair consists of 2-pole, 4-pole and 6-pole plastic magnetic rings. This device has a magnetic field distribution, which is symmetrically distributed around these three pairs of plastic magnetic rings, suited to a smooth adjustment of the electron beams thus allowing centralization and rotation of the electron beams around the color picture tube.



### ◆ 材质及适用范围 MATERIALS & APPLICATIONS

产品名称 Product	材 质 Material	特 性 property	应用范围 application
粗管径: $\Phi 29.1 \pm 0.7$ Wide tube	塑磁铁氧体颗粒料 Ferrite granule 塑磁铝镍钴颗粒料 Alnico granule 工程塑料MPPO	操作方便 工作效率高 Easy to fabricate, high efficiency	17" 20" 21" 25" 29"
细管径: $\Phi 22.5 \pm 0.7$ Narrow tube			14" 17" 21"

### ◆ 使用材质证明 MATERIALS & CERTIFICATIONS

序号 No.	名称 Part	使用材料 Material	型 号 Model	UC 证明 Certificate
1	支架 Bracket	MPPO	A108	E187597
2	锁紧环 Locking ring	MPPO	A108	E187597
3	弹簧垫片 Spring gasket	MPPO	A108	E187597
4	平垫片 Flat gasket	MPPO	A108	E187597
5	2P 磁环 2P Magnetic ring	铁氧体 ferrite	DMS108	E221484
6	4P 磁环 4P Magnetic ring	铝镍钴 Alnico	DMS502	E221484
7	6P 磁环 6P Magnetic ring	铁氧体 ferrite	DMS108	E221484
8	钢带 Steel strip	SUS-304		
9	螺钉 Blot	不锈钢 Stainless stell		
10	矽钢片 SI-SIEEL strip	SI-SIEEL	DW470-20	

异性产品系列具有加工性能好，产品尺寸精度高，适宜于多极充磁，广泛应用于微电机、自动化控制、仪器仪表等领域。

磁体可在生产途中加入主动轴或其他插件，可制成不同复杂形状，满足不同客户的需求。

Anisotropic series of product, which feature in high manufacturing performance and precise dimension, are widely used in micro-motors, automatic control, instruments & meters and so on.

These magnets can be made into various complex shapes with adding initiative axis and inserters in the manufacturing procedure to meet customers' requirements.



◆ 磁体的尺寸公差 (单位: mm)

DIMENSIONAL TOLERANCES OF THE MAGNET

公差等级 Grade of tolerance	尺寸分级 Grade of dimension					
	1.5~3	>3~6	>6~18	>18~30	>30~50	>50
F(精密度) Sophisticated grade	±0.05	±0.05	±0.08	±0.1	±0.15	±0.2
M(中等级) Moderate grade	±0.1	±0.1	±0.15	±0.2	±0.3	±0.5
C(粗糙级) Coarse grade	±0.2	±0.3	±0.4	±0.5	±0.8	±1.2

注：如顾客提供的尺寸公差不在表格中的范围，则依据顾客提供的产品尺寸公差要求。

Note: products will be manufactured with the dimensional tolerances of products required by the customers, if the dimensional tolerances are not in the range of the above table.

#### ◆ 代表性规格 MAIN SPECIFICATIONS OF THE MAGNET

分类 Classification	产品编码 Product code	规格 Specification (mm)	表磁 Surface magnet(Gs)	极性 Polarity
有规则磁环 Regular magnetic ring	900401400010	$\Phi 15 \times \Phi 8.1 \times 5$	2、6极>1000 12极>800	2、6、12极
	900401400039	$\Phi 86 \times \Phi 74.4 \times 20$	>800	4极
无规则磁环 Irregular magnetic ring	900401400004	$\Phi 23.4 \times \Phi 9 \times 9.6$	1500±100	8极
	900401400005	$\Phi 18.1 \times \Phi 2.98 \times 6.8$	1200-1300	8极
转子 rotator	900401400037	$\Phi 50 \times \Phi 32 \times 34$	>1600	8极
	900401400040	$\Phi 18.6 \times \Phi 11.6 \times 11.5$	>1300	12极

#### 调整片补正体

### DY(DEFLECTION YOKE) COMPENSATOR 9004015

HENGDIAN GROUP DMEGC MAGNETICS CO.,LTD.

本产品系列是用于彩色显示器上，与DY偏转磁芯配套使用，它是由一付塑磁环组成，塑磁环为圆周磁场对称分布，可根据客户电子管的不同选择2极或4极磁环，利用磁环的相对角度来调整磁场的大小来调整电子枪所发出的电子束，它只其微调补正作用，使图像更加清晰。

The DY compensator, which is composed of one pair of plastic magnetic rings, is a magnetic beam adjusting device using in color display companying with DY. The 2-pole or the 4-pole magnetic rings can be determined according to the tubes required by the customers, for this device has a magnetic field distribution, which is symmetrically distributed around plastic magnetic rings, suited to a further smooth adjustment of the electron beams by adjusting the angle of magnetic rings thus allowing centralization and rotation of the electron beams around the color picture tube. The role that the DY compensator acts is to make the picture more clear-cut.



◆ 规格公差 SPECIFICATION TOLERANCES

外径 Outer diameter	内径 Inner diameter	厚度 Thickness
±0.4	±0.15	±0.1

◆ 材质及适用范围 MATERIALS & SPECIFICATIONS

序号 No.	规格 Specification	极数 Pole	材质 Material	应用范围 Application	特性 Property
1	Φ35 × Φ26.5 × 1.5	2	塑磁铁氧体 Ferrite granule	细管径 Φ22.5 Narrow tube 14" 17" 21"	操作方便 工作效率高 Easy to fabricate, high efficiency
2	Φ35 × Φ36.5 × 1.5	4	塑磁铝镍钴 Alnico granule		
3	Φ41 × Φ33.7 × 1.5	4	塑磁铝镍钴 Alnico granule	粗管径 Φ29.1 Wide tube 17" 20" 21" 25" 29"	
4	Φ45 × Φ33.7 × 1.5	4	塑磁铝镍钴 Alnico granule		
5	Φ45 × Φ34 × 1.5	4	塑磁铝镍钴 Alnico granule		
6	Φ49.5 × Φ33.7 × 1.2	2	塑磁铝镍钴 Alnico granule		
7	Φ70.2 × Φ57.9 × 1.4	4	塑磁铝镍钴 Alnico granule		

注塑磁颗粒料

**MAGNETIC GRANULE FOR INJECTION 9004016**  
HENGDIAN GROUP DMEGC MAGNETICS CO.,LTD.

电机转子、磁环、PCM等的生产。

Magnetic granule for injection is mainly used to produce rotators、magnetic rings、PCM and etc.

◆ 材料用途 APPLICATIONS OF THE MATERIALS

随着高新技术的发展，电子信息整机产品正在向“轻、薄、短、小”的方向发展，所以我们开发DMS121异性铁氧体颗粒料，它主要应用于高档磁环，微电机转子，打印机，复印机的磁辊生产。我们开发的同性铁氧体及同性铝镍钴系列主要应用在计算、电视机聚片、PCM及传感器、仪器仪表、办公设备等消费类电子领域。目前，我们将会根据客户提出不同的需求生产出不同性能，强度，颜色的产品。

Nowadays, with the advancement of high-tech, the direction of the development of electronic information products is "lightness、thinness、short、smallness". Correspondingly, we have developed the DMS121 anisotropic ferrite granule, which is mainly used in productions of high-class magnetic ring、rotator of micro-motor、magnetic roll of printer and copier. Our products of isotropic ferrite granule and Alnico granule are mainly used in computer、PCM、sonsor、instrument & meter、office equipment and other realms of consumption. We will manufacture products with various performance、intension、color to meet requests of customers.



#### ◆ 常用牌号 MAIN MODELS

材料 Material	牌号 Model	剩磁 Br	矫顽力 Hcb	内禀矫顽力 Hcj	最大磁能积 BH max	流动性 Liquidity	燃烧性 Flammability	抗拉强度 Tensile strength	成型密度 Density
单位 UNIT		T	Oe	Oe	MGOe		Mpa	G/10mm	X10 <sup>-3</sup> kg/m <sup>3</sup>
异性铁氧体 Anisotropic ferrite granule	DMS121	2850	2350	2990	2.0	100		85	3.8
	DMS221	2880	2320	2760	2.02	80		85	3.72
同性铁氧体 Isotropic ferrite granule	DMS108	1150	1050	2200	0.35	230	94V-0	70	3.0
同性铝镍钴 isotropic Alnico granule	DMS501	1870	3550	3100	0.3	240	94V-0	75	2.1
	DMS502	1990	3850	3250	0.6	220	94V-0	72	2.2
	DMS505	2100	4100	3755	0.9	200	94V-0	70	2.3

#### ◆ 成型工艺 PROCEDURE OF PRODUCTION

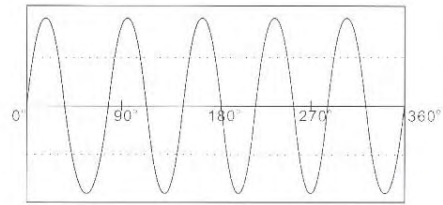
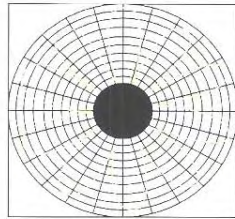
牌 号 Model	DMS121	DMS221	DMS108	DMS501	DMS502	DMS505
温度一 Temp.cylinder 1	207	275	240	240	240	240
温度二 Temp.cylinder 2	305	310	260	260	260	260
温度三 Temp.cylinder 3	290	295	250	250	250	250
模具温度 Mold Temp.	100	80	80	80	80	80
烘干温度 Drying Temp.	80~120	80~100	80~100	80~100	80~100	80~100
烘干时间 Drying Temp.	5~10	5~10	3~10	3~10	3~10	3~10

本产品系列用于激光打印机及台式复印机上，在打印机中起着两个作用：<一>吸附碳粉颗粒，<二>给碳粉颗粒充电。

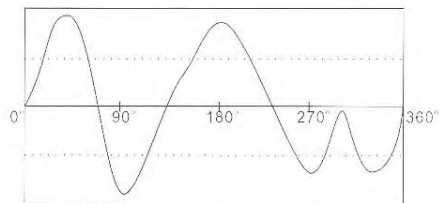
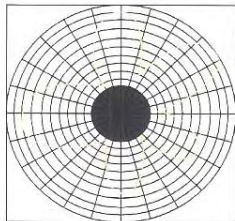
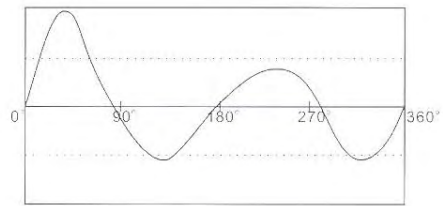
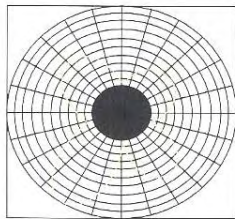
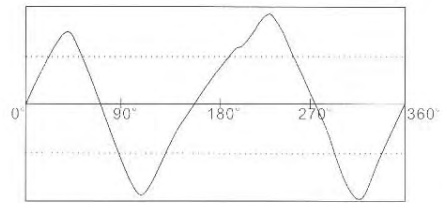
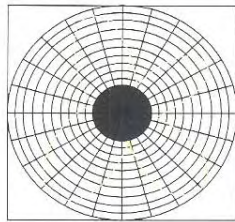
This series product, which is mainly used in laser beam printer and desk copier, acts two important roles: <1>. Absorbing toner; <2>. Charging toner.

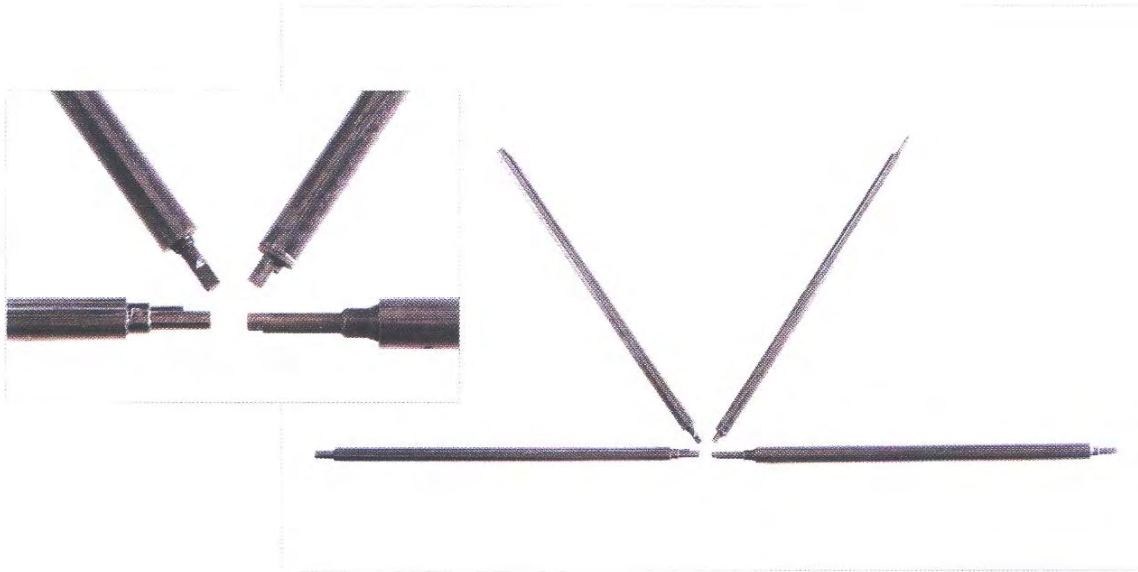
◆ 曲线图 FLUX DENSITY DISTRIBUTION

对 称  
Symmetric



不 对 称  
Unsymmetric





◆ 常用规格如下 MAIN SPECIFICATIONS

序号 No.	型号 Model	规格 Specification	显影极表磁 Bs	极数 Pole	类别 Type	直线度 Linearity
1	01700001	245.5 × Φ9.5 × Φ5.4 × Φ3.95 × 2.95	1250 ± 50Gs	4	磁芯 Magnetic Core	≤0.15mm
2		245.5 × Φ9.5 × Φ5.4 × Φ3.95 × 2.95 × 4	1350 ± 50Gs			
3	01700002	219.5 × Φ9.5 × Φ7.15 × Φ3.95 × 2.95	1380 ± 30Gs			
4		254.9 × Φ9.5 × Φ4.95 × Φ5.35 × 3.95 × 5.4	1350 ± 50Gs			
5	01700005	268.5 × 220.5 × Φ11.5 × Φ5 × Φ4.8 × 3.4 × 4	1400 ± 50Gs			