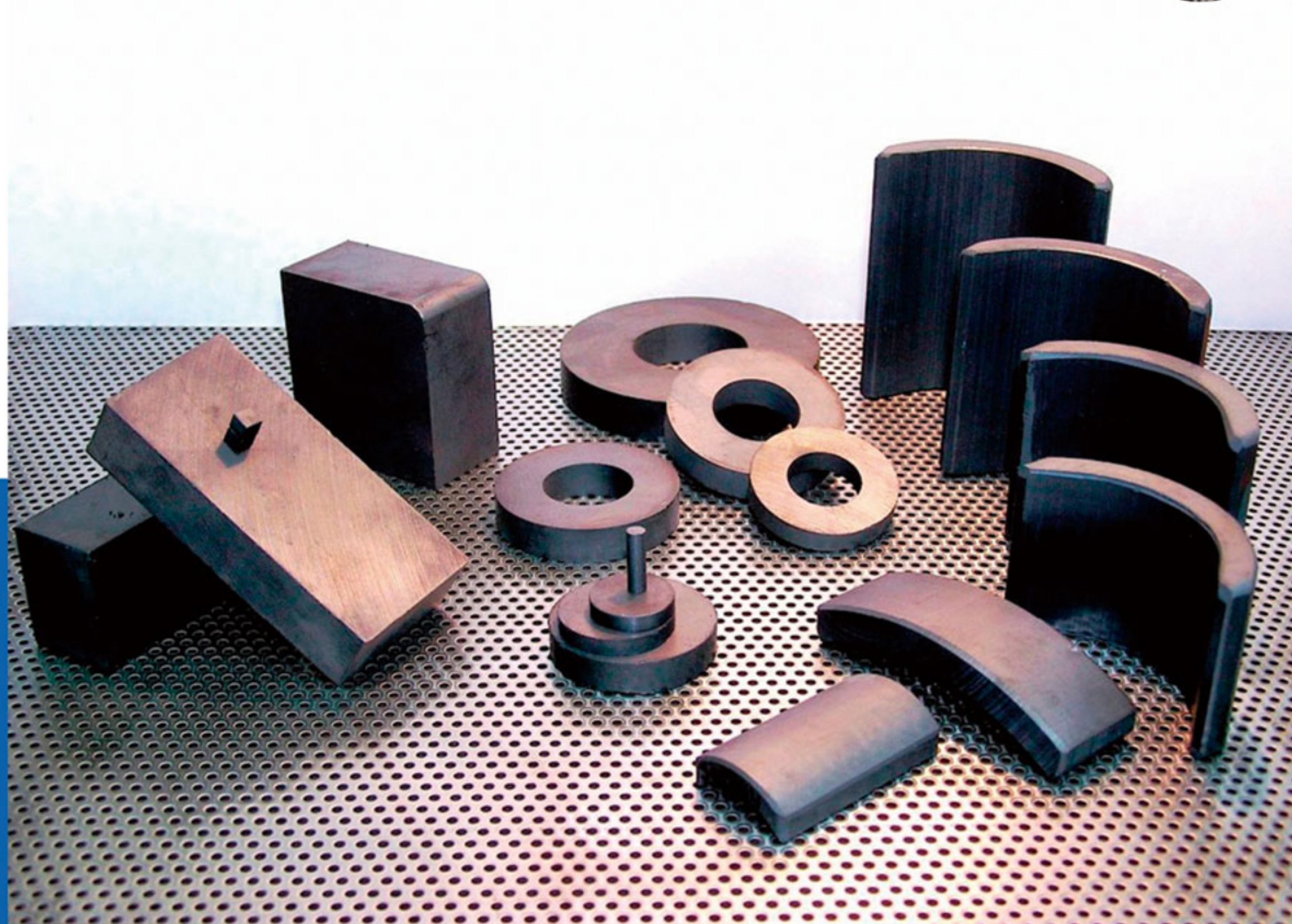
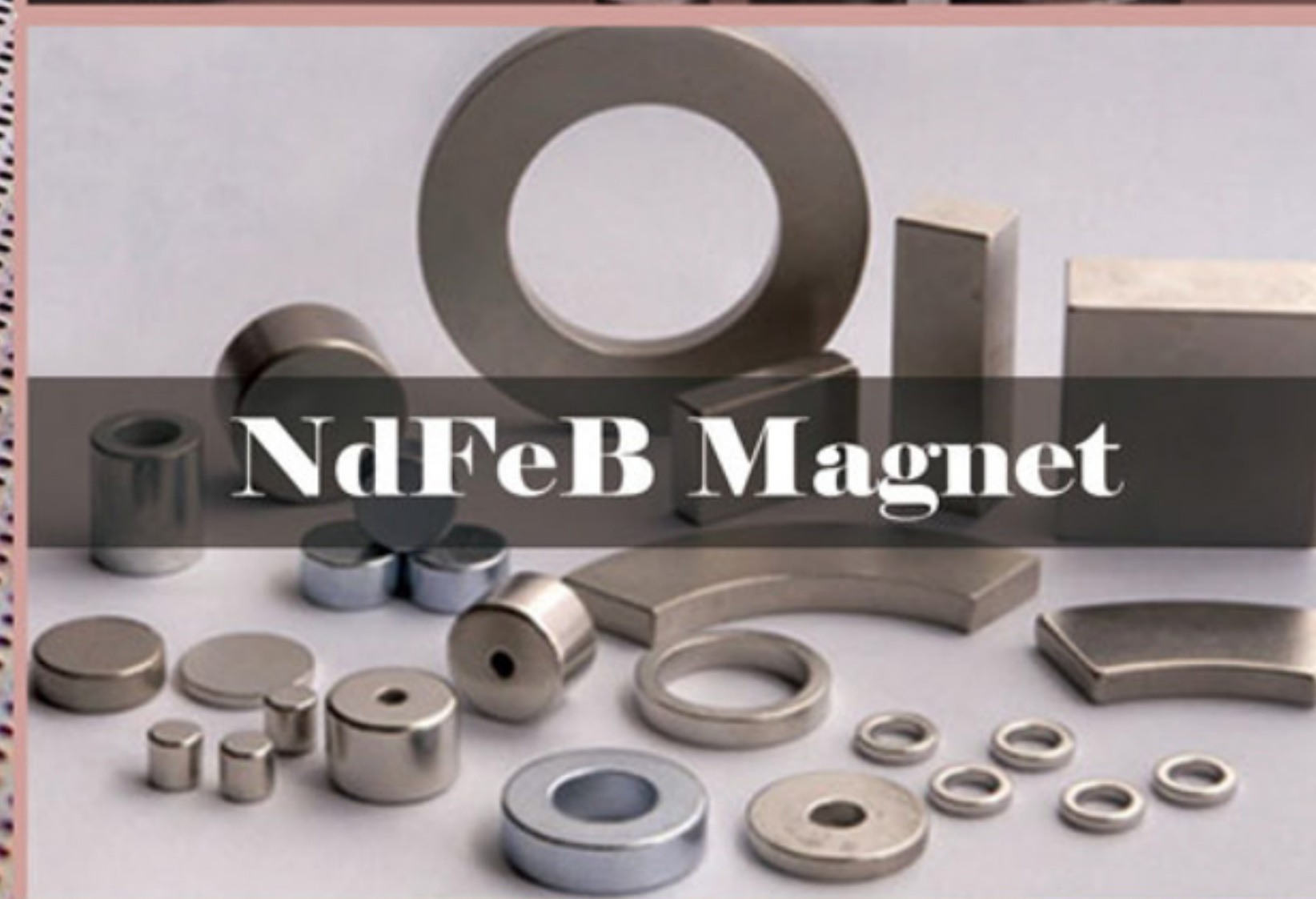


# Motor Magnet




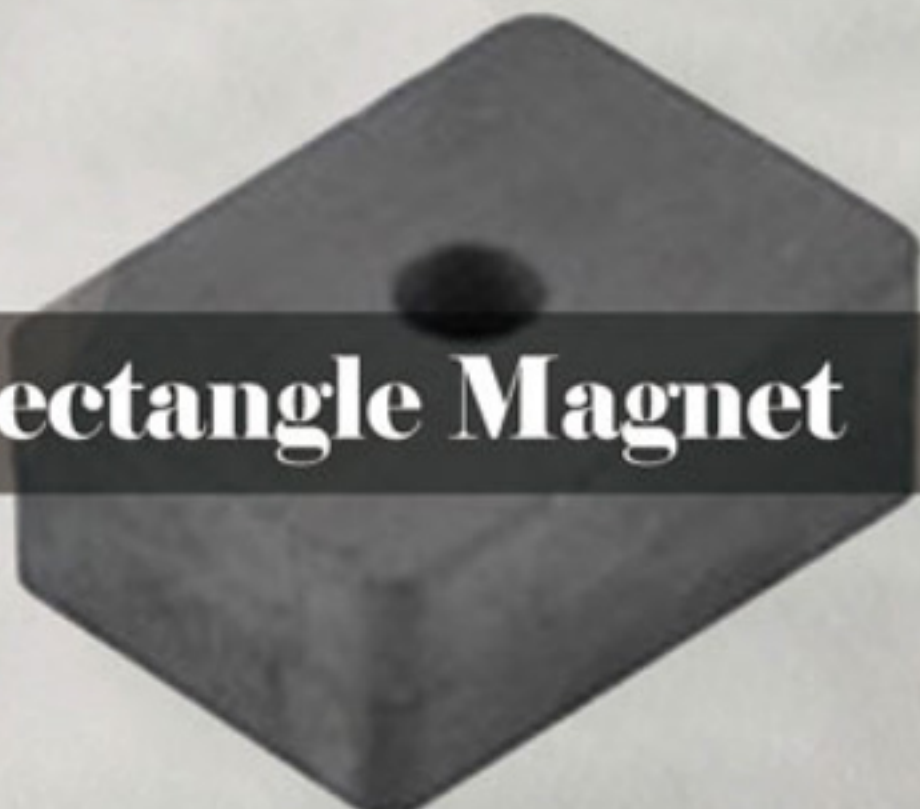

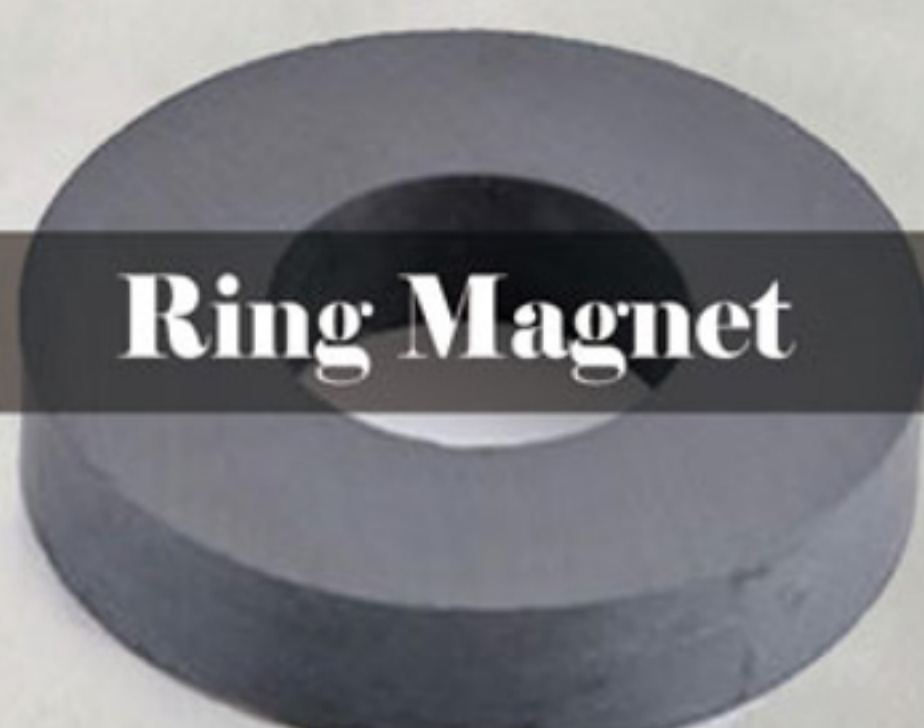

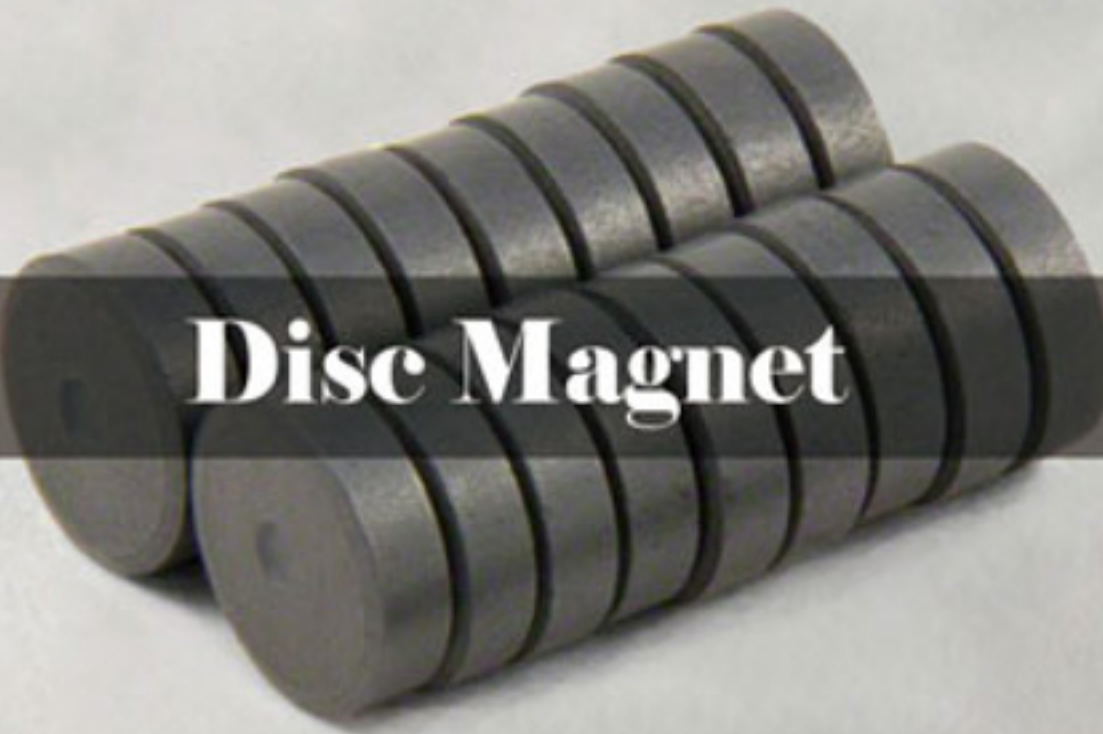
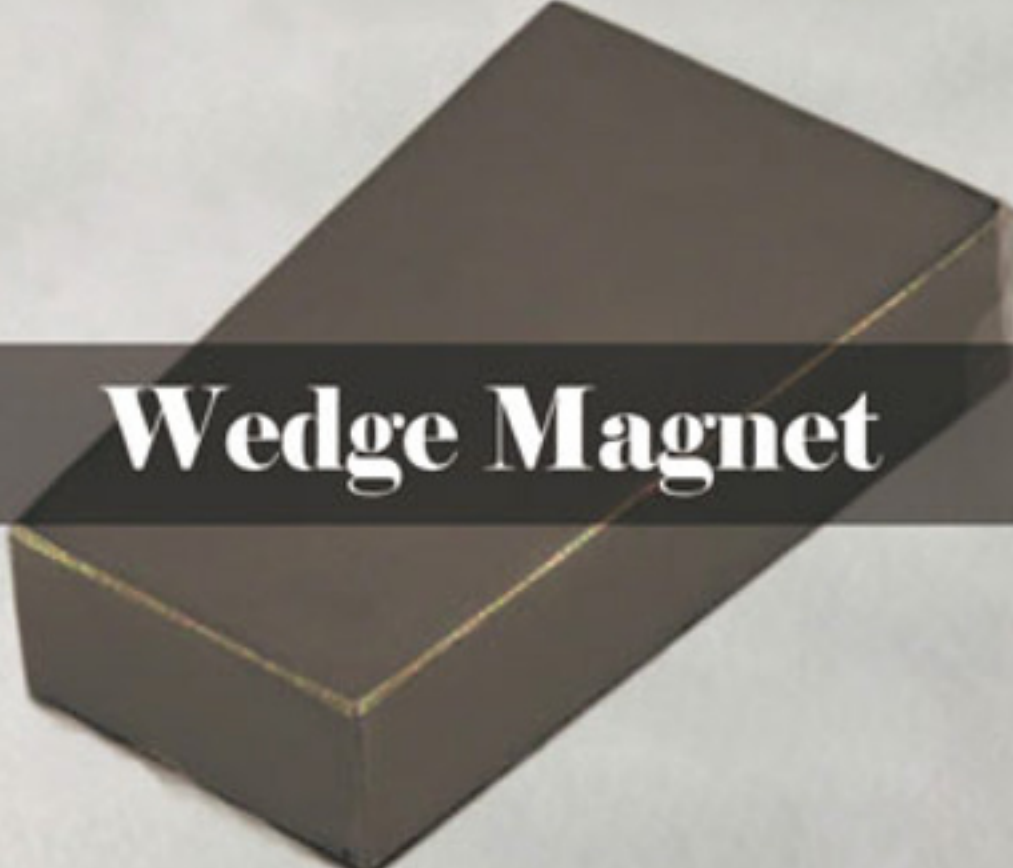




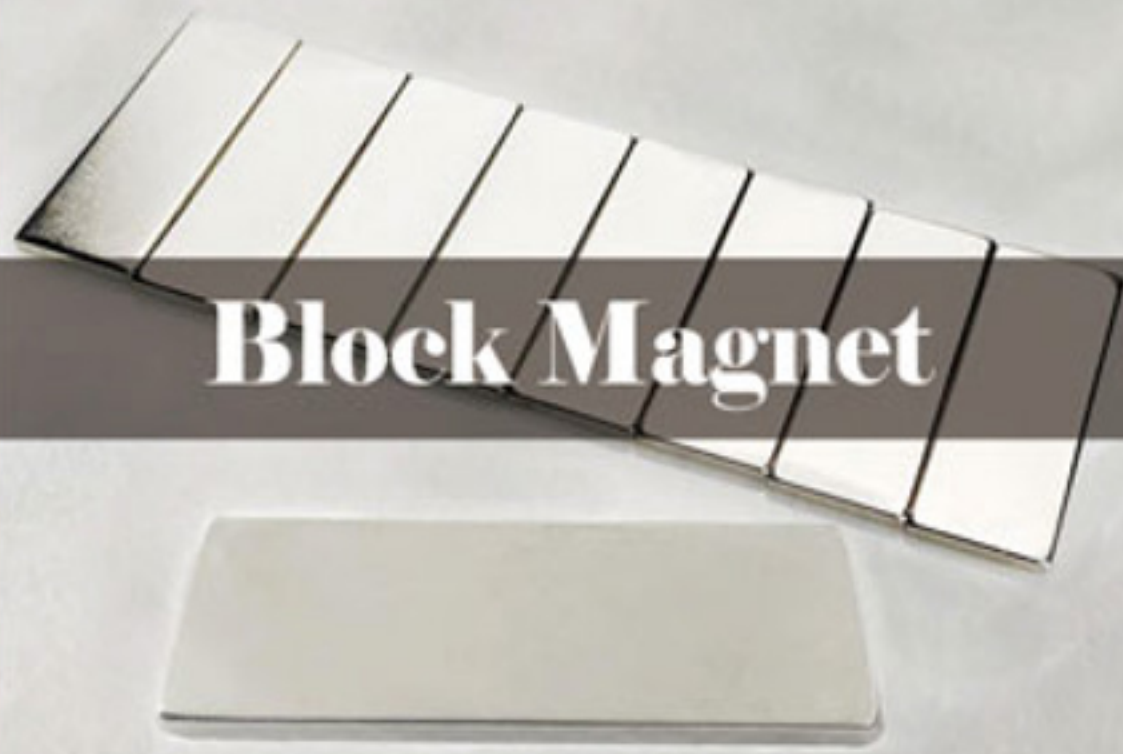
**Ferrite Magnet**



**NdFeB Magnet**

Motor Components

Motor Components

 <p><b>Arc Magnet</b></p>	 <p><b>Rectangle Magnet</b></p>	 <p><b>Tube Magnet</b></p>	 <p><b>Ring Magnet</b></p>
 <p><b>Segment Magnet</b></p>	 <p><b>Disc Magnet</b></p>	 <p><b>Wedge Magnet</b></p>	 <p><b>Special Magnet</b></p>
 <p><b>Block countersunk</b></p>	 <p><b>Cylinder Magnet</b></p>	 <p><b>Ring Magnet</b></p>	 <p><b>Block Magnet</b></p>

**CONTACT US**

**01**

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# Motor Magnet

## SJ/T10410-93 Material Characteristics of Ferrite Magnet

Grade	Br		Hcb		Hcj		(BH)max	
	mT	KG	KA/m	KOe	KA/m	KOe	KJ/m <sup>3</sup>	MGOe
Y10T	≥200	≥2.0	≥125	≥1.6	≥210	≥2.6	≥6.5	≥0.8
Y20	320-380	3.2-3.8	135-190	1.70-2.58	140-195	1.76-2.45	18.0-22.0	2.3-2.8
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
Y28	370-400	3.7-4.0	175-210	2.20-2.64	180-220	2.26-2.77	26.0-30.0	3.3-3.8
Y30	≥390	≥3.9	≥184	≥2.3	≥188	≥2.35	≥27.6	≥3.4
Y30BH	≥390	≥3.9	≥240	≥3.0	≥256	≥3.20	≥27.6	≥3.4
Y30H-1	380-400	3.8-4.0	230-275	2.89-3.46	235-290	2.95-3.65	27.0-32.5	3.4-4.1
Y30H-2	395-415	3.95-4.15	275-300	3.46-3.77	310-335	3.90-4.21	28.5-32.0	3.5-4.0
Y35	≥410	≥4.1	≥208	≥2.6	≥212	≥2.66	≥30.4	≥3.8



## Standard Characteristics For Strong's Sintered NdFeB Magnets



Grade	Residual magnetism(Min.)		Intrinsic coercive field (Min)	Magnetic inductive coercivity (min)		Max.Magnetic Energy	Density	Curi Temp.	Max.Operating Temp.	Recoil permeability		
	Br	Hcj		Hcb	(BH)max							
Units	kGs	Tesla	kOe	kA/m	kOe	kA/m	MGOe	kJ/m <sup>3</sup>	g/cm <sup>3</sup>	°C	°C	μrec
N30	10.8~11.3	1.08~1.13	12	955	10	796	28~31	223~247	7.45	310	80	1.05
N33	11.3~11.7	1.13~1.17	12	955	10.5	836	31~34	247~271	7.45	310	80	1.05
N35	11.7~12.2	1.17~1.22	12	955	10.9	867	33~36	263~287	7.45	310	80	1.05
N38	12.2~12.5	1.22~1.25	12	955	11.3	899	36~39	287~310	7.5	320	80	1.05
N40	12.5~12.8	1.25~1.28	12	955	11.6	923	38~41	302~326	7.5	320	80	1.05
N42	12.8~13.2	1.28~1.32	12	955	11.6	923	40~43	318~342	7.5	320	80	1.05
N45	13.2~13.6	1.32~1.36	12	955	11	875	43~46	342~366	7.5	320	80	1.05
N48	13.6~14.0	1.36~1.40	12	955	11.2	891	46~49	366~390	7.5	320	80	1.05
N50	14.0~14.3	1.40~1.43	12	955	10.5	836	47~51	374~406	7.55	320	80	1.05
N52	14.3~14.6	1.43~1.46	12	955	10.5	836	51~53	390~422	7.55	320	80	1.05
N30M	10.8~11.3	1.08~1.13	14	1114	10	796	28~31	223~247	7.5	320	100	1.05
N33M	11.3~11.7	1.13~1.17	14	1114	10.5	836	31~34	247~271	7.5	320	100	1.05
N35M	11.7~12.2	1.17~1.22	14	1114	10.9	867	33~36	263~287	7.5	320	100	1.05
N38M	12.2~12.5	1.22~1.25	14	1114	11.3	899	36~39	287~310	7.5	320	100	1.05
N40M	12.5~12.8	1.25~1.28	14	1114	11.6	923	38~41	302~326	7.5	320	100	1.05
N42M	12.8~13.2	1.28~1.32	14	1114	12	955	40~43	318~342	7.5	320	100	1.05
N45M	13.2~13.6	1.32~1.36	14	1114	12.5	995	43~46	342~366	7.5	320	100	1.05
N48M	13.6~14.0	1.36~1.40	14	1114	12.8	1019	46~49	358~390	7.55	320	100	1.05
N50M	14.0~14.3	1.40~1.43	14	1114	13	1035	47~51	374~406	7.55	320	100	1.05
N52M	14.3~14.6	1.43~1.46	14	1114	12.5	995	51~53	390~422	7.55	320	100	1.05
N30H	10.8~11.3	1.08~1.13	17	1353	10	796	28~31	223~247	7.5	320	120	1.05
N33H	11.3~11.7	1.13~1.17	17	1353	10.5	836	31~34	247~271	7.5	320	120	1.05
N35H	11.7~12.2	1.17~1.22	17	1353	10.9	867	33~36	263~287	7.5	320	120	1.05
N38H	12.2~12.5	1.22~1.25	17	1353	11.3	899	36~39	287~310	7.5	320	120	1.05
N40H	12.5~12.8	1.25~1.28	17	1353	11.6	923	38~41	302~326	7.55	320	120	1.05
N42H	12.8~13.2	1.28~1.32	17	1353	12	955	40~43	318~342	7.55	320	120	1.05
N45H	13.2~13.6	1.32~1.36	17	1353	12.2	971	43~46	342~366	7.55	320	120	1.05
N45H	13.2~13.6	1.32~1.36	17	1353	12.2	971	43~46	342~366	7.55	320	120	1.05

Note: (1) the data in the table is tested data under 20°C;  
(2) Max.operating temperature(Tw): at certain temperature, reserve temperature for 2h, the Magnetic flux loss of the D10\*7 is ≤5%, so it is the max.operating temperature;