

MAGNETS



Printed in Red

The quantity discount rate is also applicable to alteration cost. All price & lead time are to be quoted.

RoHS **MG**

① SS400 ③ Brass (C3604BD)
② Alnico magnet
Allowable temperature limit 80°C

L	M×P	*Adsorption N(kgf)	Surface magnetic flux density Gauss[G]	d1	d2	B	C	H	t	Catalog No. Type	U/Price Q'ty:1~19
15	5×0.8	5.9 {0.6}	1100~1300	6	8	7	0.5	5	2.5	MG	10
15	5×0.8	11.8 {1.2}		8	10.5						13
20	6×1.0	15.7 {1.6}	1200~1400	10	13	10	1.0	6	3.5		16
25	8×1.25	29.4 {3.0}	1200~1500	13	16	12					20
30	8×1.25	44.1 {4.5}	1300~1700	15.5	18	13	1.5	9	6.5		25
30	8×1.25	78.5 {8.0}	1400~1700	20	23.5	15					28

kgf=N×0.101972 *Adsorption: See the right page (the figure below)
 ⚠ Since magnets are broken easily, do not alter them.
 ⚠ The end face is ground.

RoHS **MGN** (Strong/rustproof type)

① SS400
② Electroless nickel plating
③ Neodymium magnet
Allowable temperature limit 80°C

L	M×P	*Adsorption N(kgf)	Surface magnetic flux density Gauss[G]	d1	B	C	ℓ	Catalog No. Type	U/Price Q'ty:1~19
10	3×0.5	2.9 {0.3}	3000~3200	4.0	2.0	0.3	6	MGN	6
		5.8 {0.6}	3500~3700	5.0					8
15	5×0.8	9.8 {1.0}	3400~3600	6.0					10
20	6×1.0	15.6 {1.6}	3200~3400	7.0	1.5	0.5	10		13
25	8×1.25	29.4 {3.0}	3100~3300	12.5	2.0	1.0	16		20
30	8×1.25	49.0 {5.0}	3300~3500	18.5	3.0	1.5	18		25

kgf=N×0.101972 *Adsorption: See the right page (the figure below)
 ⚠ Since magnets are broken easily, do not alter them.
 ⚠ The magnetic face is recessed 0.1 to 0.3 below the case.

RoHS **HX** **HXH** (For high temperatures)

	HX	HXH
①	SS400	
②	Cobalt magnet	
③		Raydent treatment
Allowable temperature limit	80°C	200°C

L	M×P	*Adsorption N(kgf)	Surface magnetic flux density Gauss[G]	d1	d2	B	H	Catalog No. Type	U/Price Q'ty:1~19
6	3×0.5	2.9 {0.3}	2100~2600	4	5	2.0	1.5	HX	6
		3.9 {0.4}	2200~2600	5.5	6.5				8
4	4×0.7	9.8 {1.0}	2100~2300	7	8	1.5	1.1		10
		29.4 {3.0}	2200~2400	9.5	11	2.0	1.6		13
8	5×0.8	49.0 {5.0}	2200~2500	12.5	14				16*
10	6×1.0	88.3 {9.0}	2300~2600	16.5	18	3.0	2.6		20
13	6×1.0	127.5 {13.0}		21.5	23			25	

kgf=N×0.101972 *Adsorption: See the right page (the figure below)
 ⚠ Since magnets are broken easily, do not alter them.
 ⚠ The magnet is fixed to the holder using adhesive agent.
 ⚠ The magnetic face is recessed 0.1 to 0.3 below the case.
 HXH with * are Stock Products.

RoHS **HXU**

① SS400 ③ Brass (C3604BD)
② Cobalt magnet
Allowable temperature limit 80°C

L	M×P	*Adsorption N(kgf)	Surface magnetic flux density Gauss[G]	d1	d2	B	H	Catalog No. Type	U/Price Q'ty:1~19
8	3×0.5	3.9 {0.4}	2100~2600	4	5	2	1.6	HXU	6
		5.9 {0.6}	2400~2600	5	6				8
10	4×0.7	14.7 {1.5}	2700~2900	7	8	3	2.1		10
		34.3 {3.5}	2800~3100	9.5	11	4	3.1		13
13	5×0.8	58.8 {6.0}	2900~3300	12.5	14				16
15	6×1.0	98.1 {10.0}	2900~3400	16.5	18	6	5.1		20
		137.3 {14.0}		21.5	23			25	

kgf=N×0.101972 *Adsorption: See the right page (the figure below)
 ⚠ Since magnets are broken easily, do not alter them.
 ⚠ The magnet is fixed to the holder using adhesive agent.
 ⚠ The magnetic face is recessed 0.1 to 0.3 below the case.

RoHS **HXMB**

① Cobalt magnet
Allowable temperature limit 200°C

T	*Adsorption N(kgf)	Surface magnetic flux density Gauss[G]	Catalog No. Type	U/Price Q'ty:1~19
2	1.0 {0.10}	2000~2100	HXMB (Allowable temperature limit 200°C)	3
	1.5 {0.15}			4
	3.9 {0.40}			5
1.5	6.9 {0.70}	2200~2400		7

kgf=N×0.101972 *Adsorption: See the right page (the figure below)
 ⚠ Magnets are extremely brittle and easy to destroy, so use with adequate caution when handling them.
 ⚠ Fix magnets with adhesive.
 ⚠ Magnets are easy to damage, so fix them not to protrude from the holder.



Catalog No.
MG 13
HX 20



SGP Stock **3** Days

For area out of Singapore please refer to P.i.

Quantity	1~19	20~49	50~199	200~400
Rate	—	5%	10%	15%

RoHS **MLG** (Long type)

① SS400 ③ Brass (C3604BD)
② Alnico magnet
Allowable temperature limit 80°C

RoHS **MGATA** (Press fit type)

① SS400 ③ Brass (C3604BD)
② Alnico magnet
Allowable temperature limit 80°C

RoH **MGATB** (Press fit type)

① SS400 ② Alnico magnet ③ Brass (C3604BD) ④ SS400
Allowable temperature limit 80°C

L	M×P	*Adsorption N(kgf)	Surface magnetic flux density Gauss[G]	d1	d2	B	H	t	Catalog No. Type	U/Price Q'ty:1~9
25	6×1.0	15.7 {1.6}	1100~1300	10	13	10	6	3.5	MLG	16
30	8×1.25	29.4 {3.0}	1100~1400	13	16	12				20
35	8×1.25	78.5 {8.0}	1200~1500	20	23.5	15	9	6.5		28

kgf=N×0.101972 *Adsorption: See the figure below
 ⚠ Since magnets are broken easily, do not alter them.
 ⚠ The end face is ground.

Dp6	L	*Adsorption N(kgf)	Surface magnetic flux density Gauss[G]	d1	d2	d3	B	H	t	Catalog No. Type	U/Price Q'ty:1~9
20 ^{+0.035} _{-0.022}	16	25.5 {2.6}	1400~1700	13	16	2	12	8	4.0	MGATA	20
25 ^{+0.035} _{-0.022}	19	47.1 {4.8}	1600~1900	15.5	18.5		13	10	5.0		25
30 ^{+0.035} _{-0.022}	20	68.6 {7.0}		19.5	23		15				30
35 ^{+0.042} _{-0.026}	26	98.1 {10.0}	1900~2100	24.5	28	3	18				35
40 ^{+0.042} _{-0.026}	27	142.2 {14.5}		29.5	33		20	13	6.5		40

kgf=N×0.101972 *Adsorption: See the figure below
 ⚠ Since magnets are broken easily, do not alter them.
 ⚠ The end face is ground.

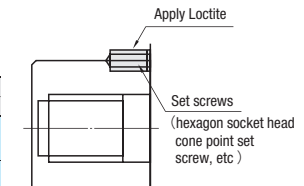
Dp6	L	*Adsorption N(kgf)	Surface magnetic flux density Gauss[G]	d1	d2	d3	B	H	t	W	Catalog No. Type	U/Price Q'ty:1~9
20 ^{+0.035} _{-0.022}	18	26.5 {2.7}	900~1200	13	16	2	12	8	2.5	5	MGATB	20
25 ^{+0.035} _{-0.022}	20	49.0 {5.0}	1100~1400	15.5	18.5		13	3.0	6			25
30 ^{+0.035} _{-0.022}	26	73.5 {7.5}		20	23		15			7		30
35 ^{+0.042} _{-0.026}	28	103.0 {10.5}	1300~1600	25	28	3	18					35
40 ^{+0.042} _{-0.026}	30	147.1 {15.0}	1400~1600	30	33		20	4.0	8			40

kgf=N×0.101972 *Adsorption: See the figure below
 ⚠ Since magnets are broken easily, do not alter them.
 ⚠ The end face is ground.

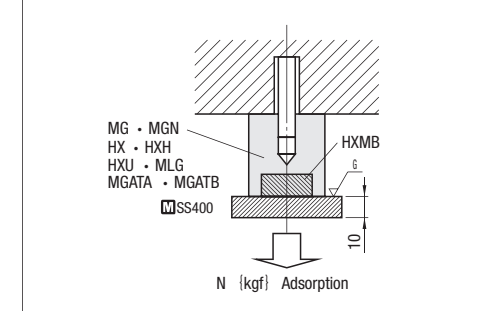


How to mount
 After press fitting, mount the magnet as shown in the figure to prevent it from loosening.

Drilling (reference)	D H7
20	+0.021
25	0
30	0
35	+0.025
40	0



* "Adsorption" indicates the power of lifting the material SS400 (ground surface of 10mm thick plate).



Catalog No.
MGATA 20
MGATB 20



5 Days

Express A P.i

For area out of Singapore please refer to P.i.

Quantity discount rate

Quantity	1~9	10~19	20~49	50~100
Rate	—	5%	10%	15%