

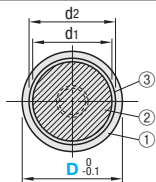
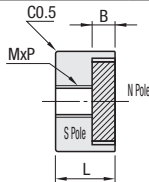
Magnets with Holders

High Strength Flat Type



RoHS 10

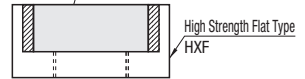
Part Number	①		②		Heat Resistant Temperature	③		Polarity
	M Material	S Surface Treatment	M Material	S Surface Treatment		M Material	Front/Back	
HXF	SUM23 Equivalent	Electroless Nickel Plating	Neodymium Magnet	Nickel Plating	80°C	Brass (C3603BD)	N S	



Features

- Highest attraction force compared with other magnets with holders of the same size.
- No grooves or bumps on surfaces to collect dust.

Attraction surface is flat.



Part Number Type	D	L	MxP (Coarse)	Attraction Force N (kgf)	Surface Magnetic Flux Density Gauss [G]	d1	d2	B	Unit Price			Volume Discount Rate		
									1-3 pc(s).	4-9	10-49	50-200		
HXF	4	5	M2x0.4	1.5 (0.1)	2400~2800	2	3	2.5						
	5			2.0 (0.2)	2600~3000	2.5	3.5							
	6			5.9 (0.6)	2100~3000	4	5							
	8	8	M3x0.5	9.8 (1.0)	2300~3300	6	7	3						
	10			20.6 (2.1)	2500~3600	8	9							
	13			45.1 (4.6)	2500~3600	10	11							
	16	10	M4x0.7	89.2 (9.1)	3000~4400	12	14	4						
	20			128.5 (13.1)	3200~4600	15	18							
	25			225.5 (23.0)	3200~4600	18	23							

Ordering Example Part Number HXF10

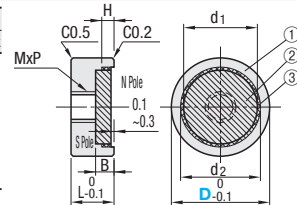
Attraction force and surface magnetic flux density are for reference only.

Strong Type

RoHS 10



Part Number	①		②		Heat Resistant Temperature	③		Polarity
	M Material	S Surface Treatment	M Material	S Surface Treatment		M Material	Front/Back	
HXU	SUM24L	-	Samarium-Cobalt Magnet	-	80°C	Brass (C3603BD)	N S	
HXUM	-	Electroless Nickel Plating	-					
HXUS	SUS416	-	-					
HXUMN	SUM24L	Electroless Nickel Plating	Neodymium Magnet	Nickel Plating	150°C	Brass (C3603BD)	N S	
HXUSN	SUS416	-	-					
HXUMNH	SUM22	Electroless Nickel Plating	Heat-resistant Neodymium Magnet	-				



For HXUMNH, heat-resistant adhesive is applied.

Part Number Type	D	L	MxP (Coarse)	HXU, HXUM, HXUS		HXUMN, HXUSN, HXUMNH		d1	d2	B	H	Unit Price					
				Attraction Force N (kgf)	Surface Magnetic Flux Density Gauss [G]	Attraction Force N (kgf)	Surface Magnetic Flux Density Gauss [G]					HXU	HXUM	HXUS	HXUMN	HXUSN	HXUMNH
(Samarium-Cobalt Magnet)	4	5	M2x0.4	-	-	0.784 (0.08)	3100~3300	2.5	3	1	0.5	-	-	-	-	-	-
	5			-	-	1.37 (0.14)	3100~3300	3.5	4			-	-	-	-		
	6			3.9 (0.4)	2100~2600	4.9 (0.5)	3100~3300	4	5			-	-	-	-		
(Neodymium Magnet)	8	8	M3x0.5	5.9 (0.6)	2400~2600	8.8 (0.9)	3300~3600	5	6	2	1.6	-	-	-	-	-	-
	10			14.7 (1.5)	2700~2900	19.6 (2.0)	3800~4100	7	8			-	-	-	-		
	13			34.3 (3.5)	2800~3100	44.1 (4.5)	4000~4300	9.5	11			-	-	-	-		
(Heat-resistant Neodymium Magnet)	16	10	M4x0.7	58.8 (6.0)	2900~3300	63.7 (6.5)	4000~4300	12.5	14	4	3.1	-	-	-	-	-	-
	20			98.1 (10.0)	3200~4600	107.9 (11.0)	4100~4400	16.5	18			-	-	-	-		
	25			137.3 (14.0)	2900~3400	176.5 (18.0)	4500~4800	21.5	23			-	-	-	-		

Ordering Example Part Number HXUMN10

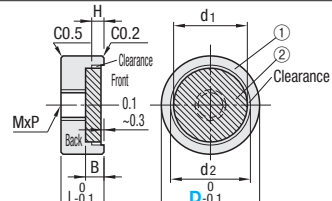
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Thin Type

RoHS 10



Part Number	①		②		Heat Resistant Temperature	Polarity	
	M Material	S Surface Treatment	M Material	S Surface Treatment		Front	Back
HX	-	-	Samarium-Cobalt Magnet	-	80°C	N	S
HXM	SUM24L	Electroless Nickel Plating	-				
HXMN	-	Electroless Nickel Plating	Neodymium Magnet	Nickel Plating		S	N
HXMN-S	SUS416	-	-		150°C	N	S
HXSNS	-	Electroless Nickel Plating	Heat-resistant Neodymium Magnet	-			
HXMNH	SUM22	Electroless Nickel Plating	-				



For HXMNH, heat-resistant adhesive is applied.

Part Number Type	D	L	MxP (Coarse)	HX, HXM		HXMN, HXMN-S, HXSNS, HXMNH		d1	d2	B	H	Unit Price					
				Attraction Force N (kgf)	Surface Magnetic Flux Density Gauss [G]	Attraction Force N (kgf)	Surface Magnetic Flux Density Gauss [G]					HX	HXM	HXMN	HXMN-S	HXSNS	HXMNH
(Samarium-Cobalt Magnet)	4	4	M2x0.4	-	-	0.62 (0.06)	2700~3000	2.5	3	1	0.5	-	-	-	-	-	-
	5			-	-	1.27 (0.13)	2700~3000	3.5	4			-	-	-	-		
	6			2.9 (0.3)	2100~2600	3.9 (0.4)	2700~3000	4	5			-	-	-	-		
(Neodymium Magnet)	8	6	M3x0.5	3.9 (0.4)	2200~2600	6.9 (0.7)	2700~3000	5	6	2	1.5	-	-	-	-	-	-
	10			9.8 (1.0)	2100~2300	19.6 (2.0)	2700~3000	7	8			-	-	-	-		
	13			29.4 (3.0)	2200~2400	44.1 (4.5)	3000~3400	9.5	11			-	-	-	-		
(Heat-resistant Neodymium Magnet)	16	8	M4x0.7	49.0 (5.0)	2200~2500	88.3 (9.0)	3000~3400	12.5	14	2	1.5	-	-	-	-	-	-
	20			88.3 (9.0)	2300~2600	127.5 (13.0)	3300~3500	16.5	18			-	-	-	-		
	25			127.5 (13.0)	2300~2600	196.1 (20.0)	3000~3400	21.5	23			-	-	-	-		

Ordering Example Part Number HXMN20 HXMN-S20

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