

Magnets with Holders

Threaded

Part Number	Material	Surface Treatment	Material	Surface Treatment	Heat Resistant Temperature
HXB	SUM24L	Electroless Nickel Plating	Neodymium Magnet	Nickel Plating	80°C

Slotted Type

Hex Socket Head Type

RoHS 10

Part Number	Type	L	d1	B	MxP (Coarse)	Attraction Force N {kgf}	Surface Magnetic Flux Density Gauss [G]	Slotted Hex Socket	Unit Price
HXB	6	8	4		M6x1.0	3.9 {0.4}	1700~2200	1.5 -	
	15	8	4		M6x1.0	3.9 {0.4}	1700~2200	- 3.0 3.0	
	8	15	5	5	M8x1.25	7.8 {0.8}	2900~3400	1.5 -	
	15	8	5	5	M8x1.25	7.8 {0.8}	2900~3400	- 4.0 3.0	
	10	8	6		M10x1.5	16.7 {1.7}	2700~3200	2.0 -	
	15	12	6		M10x1.5	16.7 {1.7}	2700~3200	- 5.0 3.0	
	12	20	7		M12x1.75	32.3 {3.3}	2500~3000	2.5 -	
	20	12	7		M12x1.75	32.3 {3.3}	2500~3000	- 6.0 3.0	
	16	20	10	8	M16x2	60.8 {6.2}	2700~3200	- 8.0 3.0	
	20	16	13		M20x2.5	123.5 {12.6}	2900~3400	- 10.0 4.0	
	25	16	13		M20x2.5	123.5 {12.6}	2900~3400	- 10.0 4.0	

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

Super Thin Type

Part Number	Material	Surface Treatment	Material	Surface Treatment	Heat Resistant Temperature
HXD	SUS416	-	Neodymium Magnet	Nickel Plating	80°C

RoHS 10

Part Number	Type	D	L	Attraction Force N {kgf}	Surface Magnetic Flux Density Gauss [G]	d1	d2	B	H	Unit Price
HXD	6			3.9 {0.4}	2700~3000	4	5			
	8	3		6.9 {0.7}	2700~3000	5	6	1.5	1.0	
	10			19.6 {2.0}	2700~3000	7	8			
	13	4		44.1 {4.5}	3000~3400	9.5	11	2.0	1.5	

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

Example

Best suited for use in limited spaces. (Fixing with adhesives recommended.)

Magnets with Holders - Tolerance h7 Type -

Part Number	Material	Surface Treatment	Material	Surface Treatment	Heat Resistant Temperature
HXG	SUM24L	Electroless Nickel Plating	Neodymium Magnet	Nickel Plating	
HXGS	Brass (C3604BD)				80°C

HXG

HXGS

RoHS 10

Part Number	Type	D	Dh7	L	Attraction Force N {kgf}	Surface Magnetic Flux Density Gauss [G]	d1	d2	B	H	W	Unit Price
HXG	6	0	-0.012		2.9 {0.3}	680~750	4	5				
	8	0		6	8.8 {0.9}	750~820	5	6	3	5	2	
	10	0	-0.015		9.8 {1.0}	1000~1500	8	9				
	13	0		8	44.1 {4.5}	1000~1500	10	11	4	6		
	16	0	-0.018		68.6 {7.0}	1200~1800	12	13				
	16	0	-0.018		68.6 {7.0}	1200~1800	12	13				
HXGS	6	0	-0.012		2.9 {0.3}	2500~3000	4	5				
	8	0		5	9.8 {1.0}	3000~3400	5	6	3			
	10	0	-0.015		15.6 {1.6}	3500~4000	8	9				
	13	0		6	58.8 {6.0}	3500~4000	10	11				
16	0	-0.018		88.2 {9.0}	3600~4100	12	13					

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

Ordering Example

Part Number - L

HXB10 - 8

For Adjustment Screws

Part Number	Material	Surface Treatment	Material	Surface Treatment	Heat Resistant Temperature
HXAJ	SUM22	Electroless Nickel Plating	Neodymium Magnet	Nickel Plating	80°C

RoHS 10

Part Number	Type	D	L	MxP	Attraction Force N {kgf}	Surface Magnetic Flux Density Gauss [G]	d1	d2	B	H	T	S	V	Unit Price
HXAJ	8			3x0.5	5.9 {0.6}	2000~2200	6.0	6.5	1.5	0.7	2.5	6.0	3.5	
	10	6		4x0.7	17.6 {1.8}	2000~2400	8.0	8.5				8.0	4.5	
	13			4x0.7	29.4 {3}	2200~2600	10.0	10.5	2.0	1.0	3.0	10.0	5.0	
	16	8		5x0.8	78.4 {8}	3000~3300	13.0	13.5				13.0	6.0	

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

Example

Magnets will not be pushed out by screw. Magnet attraction can be released.

V-Grooved Through Hole Type

Part Number	Material	Surface Treatment	Material	Surface Treatment	Heat Resistant Temperature
HXY	SUM24L	Electroless Nickel Plating	Neodymium Magnet	Nickel Plating	80°C

RoHS 10

Part Number	Type	D	L	Attraction Force N {kgf}	Surface Magnetic Flux Density Gauss [G]	d	d1	A	B	H	Unit Price
HXY	10	6		8.8 {0.9}	1000~1500	8	4		2	1.5	
	13	8		18.6 {1.9}	1800~2600	11	6	3	2.5		
	16			39.2 {4.0}	2100~3100	14	8		3	2.0	
	20	10		78.4 {8.0}	2100~3100	18	10	4			

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

Example

Attracted workpiece can be pushed and separated.

V-Grooved Type

Part Number	Material	Surface Treatment	Material	Surface Treatment	Heat Resistant Temperature
HYM	SUM24L	Electroless Nickel Plating	Neodymium Magnet	Nickel Plating	80°C

RoHS 10

Part Number	Type	D	L	Attraction Force N {kgf}	Surface Magnetic Flux Density Gauss [G]	d	A	B	H	d1	Unit Price
HYM	8	6		3.9 {0.4}	3200~3500	4.0		2		2	
	10			9.8 {1.0}	3200~3500	6.0	3	1.5	1.5	2	
	13	8		14.7 {1.5}	3200~3500	7.0		2	2.0	3	
	16			29.4 {3.0}	3300~3700	9.5	4	2		3	
	20	10		49.0 {5.0}	3400~3700	12.5		2		3	
	25	13		98.0 {10.0}	3400~3800	16.5	5	3	2.5	3	

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

Example

Can be fixed from the side.

Ordering Example

Part Number HXY10