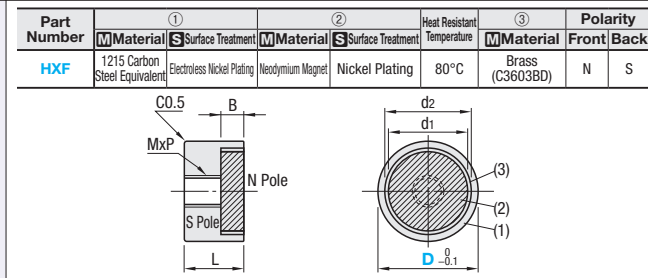


Magnets with Holders

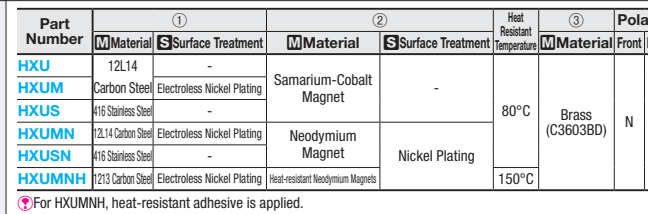


Feature
 • Highest attraction force compared with other magnets with holders of the same size.
 • No grooves or bumps on surfaces to collect dust.

Absorption surface is flat.
 High Strength Flat Type HXF

| Part Number Type | D | L | MxP (Coarse) | Attraction Force N (kgf) | | Surface Magnetic Flux Density Gauss[G] | | d1 | d2 | B | Unit Price 1~3 pc(s). | | |
|------------------|----|--------|--------------|--------------------------|-----------|--|-----|-----|----|-----|-----------------------|-------|--------|
| | | | | ① | ② | ① | ② | | | | 4~9 | 10~49 | 50~200 |
| HXF | 4 | 5 | M2x0.4 | 1.5 (0.1) | 2400~2800 | 2 | 3 | 2.5 | 3 | 2.5 | | | |
| | 5 | | | 2.0 (0.2) | 2600~3000 | 2.5 | 3.5 | | | | | | |
| | 6 | 8 | M3x0.5 | 5.9 (0.6) | 2100~3000 | 4 | 5 | | | | | | |
| | 8 | | | 9.8 (1.0) | 2300~3300 | 6 | 7 | | | | | | |
| | 10 | | | 20.6 (2.1) | 2500~3600 | 8 | 9 | | | | | | |
| | 13 | | | 45.1 (4.6) | 2500~3600 | 10 | 11 | 4 | | | | | |
| 16 | 10 | M4x0.7 | 89.2 (9.1) | 3000~4400 | 12 | 14 | | | | | | | |
| 20 | | | 128.5 (13.1) | 3200~4600 | 15 | 18 | 5 | | | | | | |
| 25 | 13 | M6x1.0 | 225.5 (23.0) | 3200~4600 | 18 | 23 | | | | | | | |

Ordering Example: Part Number HXF10
 Days to Ship: Configure Online
 Attraction force and surface magnetic flux density are for reference only.

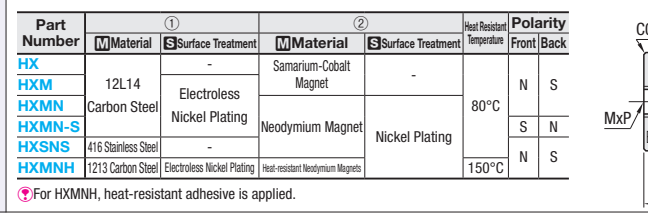


Feature
 • Highest attraction force compared with other magnets with holders of the same size.
 • No grooves or bumps on surfaces to collect dust.

Absorption surface is flat.
 Medium Strength Type HXU

| 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 HXU | 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 | 2 | 1.6 | - | - | - | - | - | - |
| Neodymium Magnet HXUM | 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 | 3 | 2.1 | - | - | - | - | - | - |
| Heat-resistant Neodymium Magnet HXUSN | 13 | 10 | M4x0.7 | 34.3 (3.5) | 2800~3100 | 44.1 (4.5) | 4000~4300 | 9.5 | 11 | 4 | 3.1 | - | - | - | - | - | - |
| | 16 | | | 58.8 (6.0) | 2900~3300 | 63.7 (6.5) | 4000~4300 | 12.5 | 14 | - | - | - | - | - | - | - | - |
| Heat-resistant Neodymium Magnet HXUMNH | 20 | 13 | M5x0.8 | 98.1 (10.0) | 2900~3400 | 107.9 (11.0) | 4100~4400 | 16.5 | 18 | 6 | 5.1 | - | - | - | - | - | - |
| | 25 | | | 137.3 (14.0) | 2900~3400 | 176.5 (18.0) | 4500~4800 | 21.5 | 23 | - | - | - | - | - | - | - | - |

Ordering Example: Part Number HXUMN10
 Days to Ship: Configure Online
 Attraction force and surface magnetic flux density are for reference only.

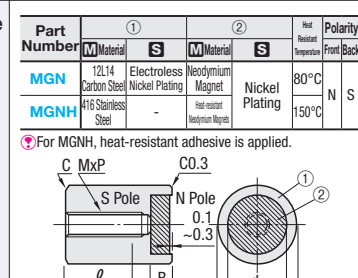


Feature
 • Highest attraction force compared with other magnets with holders of the same size.
 • No grooves or bumps on surfaces to collect dust.

Absorption surface is flat.
 Thin Type HX

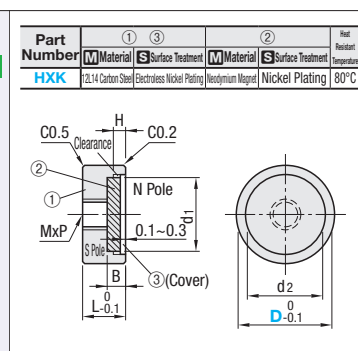
| Part Number Type | D | L | MxP (Coarse) | HX, HXM | | HXMN, HXMN-S, HXSNS, HXMNH | | d1 | d2 | B | H | Unit Price | | | | | |
|--|----|----|--------------|--------------------------|--|----------------------------|--|------|----|-----|-----|------------|-----|------|--------|-------|-------|
| | | | | 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 HX | 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 | 2 | 1.5 | - | - | - | - | - | - |
| Neodymium Magnet HXM | 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 | 1.5 | 1 | - | - | - | - | - | - |
| Heat-resistant Neodymium Magnet HXMN-S | 13 | 8 | M4x0.7 | 29.4 (3.0) | 2200~2400 | 44.1 (4.5) | 3000~3400 | 9.5 | 11 | 2 | 1.5 | - | - | - | - | - | - |
| | 16 | | | 49.0 (5.0) | 2200~2500 | 88.3 (9.0) | 3000~3400 | 12.5 | 14 | - | - | - | - | - | - | - | - |
| Heat-resistant Neodymium Magnet HXMNH | 20 | 10 | M5x0.8 | 88.3 (9.0) | 2300~2600 | 127.5 (13.0) | 3300~3500 | 16.5 | 18 | 3 | 2.5 | - | - | - | - | - | - |
| | 25 | | | 127.5 (13.0) | 2300~2600 | 196.1 (20.0) | 3000~3400 | 21.5 | 23 | - | - | - | - | - | - | - | - |

Ordering Example: Part Number HXMN20
 Days to Ship: Configure Online
 Price: Configure Online
 Attraction force and surface magnetic flux density are for reference only.



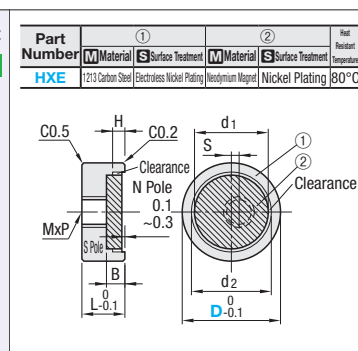
Feature
 • Highest attraction force compared with other magnets with holders of the same size.
 • No grooves or bumps on surfaces to collect dust.

Absorption surface is flat.
 Standard Type MGN



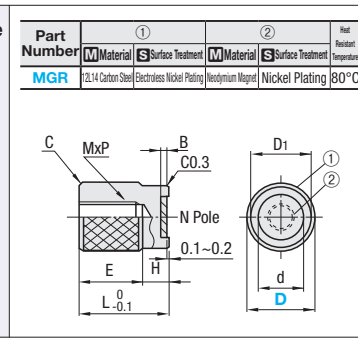
Feature
 • Highest attraction force compared with other magnets with holders of the same size.
 • No grooves or bumps on surfaces to collect dust.

Absorption surface is flat.
 Cap Type HXK



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

Absorption surface is flat.
 Eccentric Mount Type HXE



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

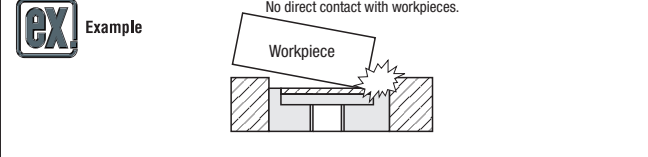
Absorption surface is flat.
 Knurled Type MGR

| Part Number Type | D | L | MxP | Attraction Force N (kgf) | | Surface Magnetic Flux Density Gauss[G] | | d1 | B | C | ℓ | Unit Price | |
|--------------------------------------|----|----|--------|--------------------------|-----------|--|------|-----|-----|----|---|------------|------|
| | | | | ① | ② | ① | ② | | | | | MGN | MGNH |
| Neodymium Magnet MGN | 6 | 10 | 3x0.5 | 2.9 (0.3) | 3000~3200 | 4.0 | 5.0 | 2.0 | 0.3 | 6 | - | - | - |
| | 8 | | | 5.8 (0.6) | 3500~3700 | 5.0 | 6.0 | | | | | | |
| | 10 | 15 | 5x0.8 | 9.8 (1.0) | 3400~3600 | 6.0 | 7.0 | 1.5 | 0.5 | 10 | - | - | |
| | 13 | | | 15.6 (1.6) | 3200~3400 | 7.0 | 8.0 | | | | | | |
| Heat-resistant Neodymium Magnet MGNH | 16 | 20 | 6x1.0 | 36.2 (3.7) | 3500~3700 | 9.5 | 10.5 | 2.0 | 1.0 | 12 | - | - | |
| | 20 | | | 58.8 (6.0) | 3100~3300 | 12.5 | 13.5 | | | | | | |
| | 25 | 25 | 8x1.25 | 112.7 (11.5) | 3500~3700 | 16.5 | 17.5 | 3.0 | 1.5 | 18 | - | - | |
| | 28 | | | 196.1 (20.0) | 3300~3500 | 18.5 | 19.5 | | | | | | |

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

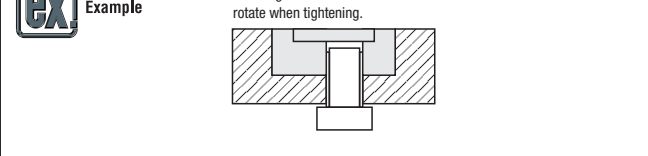
| Part Number Type | D | L | MxP | Attraction Force N (kgf) | | Surface Magnetic Flux Density Gauss[G] | | d1 | d2 | B | H | Unit Price | |
|------------------|----|---|-------|--------------------------|-----------|--|----|-----|-----|-----|-----|------------|------|
| | | | | ① | ② | ① | ② | | | | | MGN | MGNH |
| HXK | 8 | 6 | 3x0.5 | 4.1 (0.42) | 1300~1500 | 5 | 6 | 2.0 | 1.5 | 2.0 | 1.5 | - | - |
| | 10 | | | 11.8 (1.2) | 1900~2100 | 7 | 8 | | | | | | |
| | 13 | 8 | 4x0.7 | 26.5 (2.7) | 2300~2500 | 9.5 | 11 | 2.0 | 1.5 | - | - | | |
| | 16 | | | 52.6 (5.4) | 2300~2500 | 12.5 | 14 | | | | | | |

The cap may come off if strong impacts are applied, or magnets directly come in contact with each other.
 Attraction force and surface magnetic flux density are for reference only.



| Part Number Type | D | L | MxP | Attraction Force N (kgf) | | Surface Magnetic Flux Density Gauss[G] | | d1 | d2 | B | H | S | Unit Price | |
|------------------|----|---|-------|--------------------------|-----------|--|----|-----|-----|-----|-----|---|------------|------|
| | | | | ① | ② | ① | ② | | | | | | MGN | MGNH |
| HXE | 8 | 6 | 3x0.5 | 6.9 (0.7) | 2700~3000 | 5 | 6 | 2.0 | 1.5 | 0.5 | 1.0 | - | - | |
| | 10 | | | 19.6 (2.0) | 2700~3000 | 7 | 8 | | | | | | | |
| | 13 | 8 | 4x0.7 | 44.1 (4.5) | 3000~3400 | 9.5 | 11 | 2.0 | 1.5 | 1.0 | - | - | | |
| | 16 | | | 88.3 (9.0) | 3000~3400 | 12.5 | 14 | | | | | | | |

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



| Part Number Type | D | L | MxP | Attraction Force N (kgf) | | Surface Magnetic Flux Density Gauss[G] | | d | D1 | B | C | H | E | Unit Price | |
|------------------|--------------|----|--------|--------------------------|-----------|--|----|-----|-----|---|----|---|---|------------|------|
| | | | | ① | ② | ① | ② | | | | | | | MGN | MGNH |
| MGR | 10 | 15 | 5x0.8 | 9.8 (1.0) | 3400~3600 | 6.0 | 9 | 2.0 | 0.5 | 5 | 10 | - | - | | |
| | 13 | | | 15.7 (1.6) | 3500~3700 | 7.0 | 11 | | | | | | | | |
| | 16 | 20 | 6x1.0 | 36.3 (3.7) | 3500~3700 | 9.5 | 14 | 2.0 | 1.0 | 6 | 14 | - | - | | |
| | 20 | | | 58.8 (6.0) | 3400~3700 | 12.5 | 18 | | | | | | | | |
| | 25 | 30 | 8x1.25 | 117.7 (12.0) | 3500~3900 | 16.5 | 23 | 3.0 | 1.5 | 8 | 22 | - | - | | |
| 28 | 196.1 (20.0) | | | 3500~3900 | 18.5 | 26 | | | | | | | | | |

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

Ordering Example: Part Number HXE10
 Days to Ship: Configure Online

Price: Configure Online