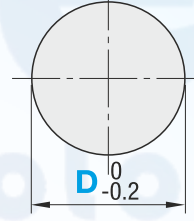
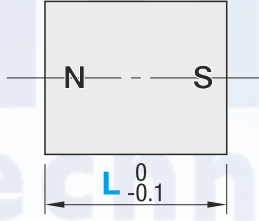


# Magnet Round

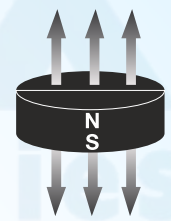
Type	M Material	S Surface Treatment	Heat Resistant Temperature
DHXNN	Powerful Neodymium Magnet	Nickel Plating	60°C
DHXN	Neodymium Magnet		80°C
DHXNH	Heat-resistant Neodymium Magnets		150°C
DHXMS	Samarium-Cobalt Magnet		200°C



Nickel Plating



Magnetization Direction: Y-direction



● Powerful Neodymium Magnet has attraction force stronger than Neodymium Magnet by 30%. May crack when pulled and struck by other magnetic substances. Please handle with care in unpacking

● N pole side is colored. (DHXNN: Green, DHXN: Red, DHXNH: Black, DHXMS: Blue)

Type	D	L	Attraction ForceN {kgf}			Surface Magnetic Flux Density		
			N(kgf)			Gauss [G]		
			DHXNN	DHXN DHXNH	DHXMS	DHXNN	DHXN DHXNH	DHXMS
<b>DHXNN</b> (Powerful Neodymium)  <b>DHXN</b> (Neodymium)  <b>DHXNH</b> (Heat-resistant Neodymium)  <b>DHXMS</b> (Samarium-Cobalt)	1	2	0.08 {0.008}	0.06 {0.006}	0.04 {0.004}	1900 to 2100	1100 to 1300	900 to 1100
		3	0.09 {0.009}	0.07 {0.007}	0.05 {0.005}	2100 to 2300	1200 to 1400	1000 to 1200
		5	0.10 {0.010}	0.08 {0.008}	0.06 {0.006}	2100 to 2300	1300 to 1500	1100 to 1300
	2	2	0.77 {0.08}	0.59 {0.06}	0.39 {0.04}	3500 to 3700	2400 to 2600	2000 to 2200
		3	0.90 {0.09}	0.69 {0.07}	0.49 {0.05}	3700 to 3900	3100 to 3300	2600 to 2800
		4	0.93 {0.09}	0.72 {0.07}	—	3700 to 3900	3400 to 3600	—
	3	5	1.01 {0.10}	0.78 {0.08}	0.49 {0.05}	4100 to 4300	3400 to 3600	2600 to 2800
		1	1.39 {0.14}	1.07 {0.11}	—	2700 to 2900	2000 to 2400	—
		2	2.04 {0.21}	1.57 {0.16}	1.08 {0.11}	3700 to 4000	3100 to 3300	2600 to 2800
		3	2.55 {0.26}	1.96 {0.20}	1.37 {0.14}	4200 to 4500	3300 to 3500	2800 to 3000
		4	2.93 {0.30}	2.25 {0.23}	1.47 {0.15}	4400 to 4700	3400 to 3600	2900 to 3100
	4	5	3.06 {0.31}	2.35 {0.24}	1.57 {0.16}	4500 to 4800	3500 to 3700	2900 to 3100
		6	3.60 {0.37}	2.82 {0.29}	—	4600 to 4800	4100 to 4300	—
		1	1.86 {0.190}	1.47 {0.15}	—	2400 to 2600	2000 to 2200	—
		2	3.69 {0.38}	2.84 {0.29}	1.86 {0.19}	4100 to 4300	3100 to 3300	2600 to 2800
		3	4.97 {0.51}	3.82 {0.39}	2.55 {0.26}	4200 to 4500	3600 to 3800	3100 to 3300
		4	5.60 {0.57}	4.31 {0.44}	2.94 {0.30}	4500 to 4800	3800 to 4000	3200 to 3400
	5	5	6.11 {0.62}	4.70 {0.48}	3.14 {0.32}	4800 to 5100	4000 to 4200	3400 to 3600
		8	8.50 {0.87}	6.82 {0.69}	—	5100 to 5400	4500 to 4700	—
		10	9.04 {0.92}	6.96 {0.72}	—	5200 to 5500	4500 to 4700	—
1		2.65 {0.27}	1.45 {0.16}	—	2100 to 2300	1800 to 2000	—	
2		5.10 {0.52}	3.92 {0.40}	2.65 {0.27}	3500 to 3700	3000 to 3200	2500 to 2700	
3		7.51 {0.77}	5.78 {0.59}	3.82 {0.39}	4200 to 4500	3800 to 4000	3200 to 3400	
4		8.92 {0.91}	6.86 {0.70}	4.61 {0.47}	4600 to 4900	4000 to 4200	3400 to 3600	
6	5	9.93 {1.01}	7.64 {0.78}	5.10 {0.52}	4900 to 5100	4300 to 4500	3600 to 3800	
	6	10.57 {1.08}	8.13 {0.83}	5.39 {0.55}	5100 to 5400	4300 to 4500	3600 to 3800	
	8	11.64 {1.19}	8.96 {0.92}	—	5200 to 5500	4700 to 4900	—	
	10	12.74 {1.30}	9.80 {1.00}	—	5400 to 5700	4800 to 5000	—	
	2	6.50 {0.66}	5.00 {0.51}	3.33 {0.34}	3100 to 3400	2900 to 3100	2400 to 2600	
8	3	9.93 {1.01}	7.64 {0.78}	5.10 {0.52}	4000 to 4300	3700 to 3900	3100 to 3300	
	4	12.48 {1.27}	9.60 {0.98}	6.47 {0.66}	4600 to 4900	3900 to 4100	3300 to 3500	
	5	12.75 {1.30}	10.88 {1.11}	7.25 {0.74}	5000 to 5200	4300 to 4500	3600 to 3800	
	6	15.29 {1.56}	11.76 {1.20}	7.84 {0.80}	5100 to 5400	4400 to 4600	3700 to 3900	
	8	15.34 {1.66}	11.80 {1.28}	—	5400 to 5600	4700 to 4900	—	
10	10	15.39 {1.69}	11.84 {1.30}	—	5500 to 5800	4800 to 5000	—	
	2	8.83 {0.90}	6.66 {0.68}	4.41 {0.45}	2700 to 2900	2400 to 2600	2000 to 2200	
	3	14.01 {1.43}	10.78 {1.10}	7.45 {0.76}	3500 to 3800	3200 to 3400	2700 to 2900	
	5	23.31 {2.38}	17.93 {1.83}	11.96 {1.22}	4700 to 5000	4200 to 4400	3500 to 3700	
	6	26.76 {2.73}	20.59 {2.10}	—	5100 to 5400	4700 to 4900	—	
12	8	29.94 {3.06}	23.03 {2.35}	15.39 {1.57}	5400 to 5700	4600 to 4800	3900 to 4100	
	10	31.23 {3.19}	24.02 {2.45}	—	5600 to 5900	5000 to 5200	—	
	2	12.06 {1.23}	7.84 {0.80}	5.29 {0.54}	2300 to 2500	2000 to 2200	1700 to 1900	
	3	18.34 {1.87}	14.11 {1.44}	9.41 {0.96}	3100 to 3400	2800 to 3000	2400 to 2600	
	5	32.23 {3.29}	24.79 {2.53}	16.56 {1.69}	4300 to 4600	3800 to 4000	3200 to 3400	
15	8	37.27 {3.80}	34.3 {3.50}	23.03 {2.35}	5200 to 5500	4700 to 4900	4000 to 4200	
	10	49.43 {5.04}	38.02 {3.88}	25.48 {2.60}	5500 to 5800	4900 to 5100	4100 to 4300	
	2	14.71 {1.50}	9.02 {0.92}	5.98 {0.61}	1900 to 2100	1600 to 1800	1300 to 1500	
	3	20.59 {2.10}	16.46 {1.68}	11.07 {1.13}	2700 to 2900	2500 to 2700	2100 to 2300	
	5	33.34 {3.40}	31.16 {3.18}	20.87 {2.13}	4000 to 4300	3600 to 3800	3000 to 3200	
20	8	52.96 {5.40}	46.55 {4.75}	31.07 {3.17}	5000 to 5300	4500 to 4700	3800 to 4000	
	10	60.02 {6.12}	52.72 {5.38}	35.28 {3.60}	5400 to 5700	4800 to 5000	4000 to 4200	
	2	20.1 {2.05}	10.58 {1.08}	7.06 {0.72}	1600 to 1800	1400 to 1600	1100 to 1300	
	3	26.97 {2.75}	19.6 {2.00}	13.13 {1.34}	2200 to 2500	2300 to 2500	1900 to 2100	
	5	42.17 {4.30}	39.59 {4.04}	26.46 {2.70}	3500 to 3800	3100 to 3300	2600 to 2800	
20	8	69.63 {7.10}	64.39 {6.57}	43.02 {4.39}	4600 to 4900	4200 to 4400	3500 to 3700	
	10	82.38 {8.40}	75.85 {7.74}	50.67 {5.17}	5100 to 5400	4600 to 4800	3800 to 4000	
	3	40.21 {4.10}	34.32 {3.50}	—	1800 to 2000	1700 to 1900	—	
20	10	112.78 {11.50}	98.06 {10.00}	—	4500 to 4800	4200 to 4400	—	

● Attraction Force and Surface Flux Density are reference values for magnets alone.

● Basic Specifications

■ Magnet Surface Treatment - Nickel Plating



DHXNN3 - 3  
DHXN8 - 5

ORDERING GUIDE

