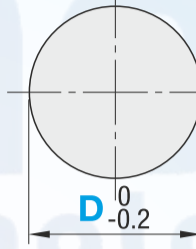
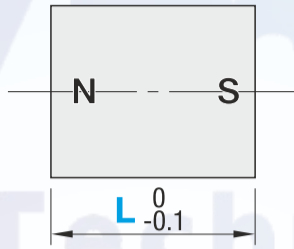


Magnet - Round

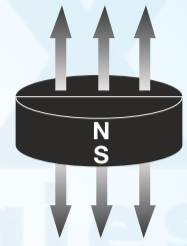
- Powerful Neodymium Magnet has attraction force stronger than Neodymium Magnet by 30%.
May crack when pulled and struck by other magnetic substances. Please handle with care in unpacking



Nickel Plating



Magnetization Direction: Y-direction



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

- 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.

Part Number		L	Attraction Force N (kgf)			Surface Magnetic Flux Density Gauss [G]		
Type	D		DHXNN	DHXN DNNH	DHMS	DHXNN	DHXN DNNH	DHMS
DHXNN (Powerful Neodymium)	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
		5	3.06 (0.31)	2.35 (0.24)	1.57 (0.16)	4500 to 4800	3500 to 3700	2900 to 3100
DHXN (Neodymium)	4	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	6.11 (0.62)	4.70 (0.48)	3.14 (0.32)	4800 to 5100	4000 to 4200	3400 to 3600
	5	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
DHXNH (Heat-resistant Neodymium)	6	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
		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	—
	8	2	6.50 (0.66)	5.00 (0.51)	3.33 (0.34)	3100 to 3400	2900 to 3100	2400 to 2600
		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
DHXMS (Samarium-Cobalt)	10	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	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
	12	6	26.76 (2.73)	20.59 (2.10)	—	5100 to 5400	4700 to 4900	—
		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
15	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	
	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	
20	5	33.34 (3.40)	31.16 (3.18)	20.87 (2.13)	4000 to 4300	3600 to 3800	3000 to 3200	
	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	
20	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	
	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	
20	3	40.21 (4.10)	34.32 (3.50)	—	1800 to 2000	1700 to 1900	—	
	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

ORDERING GUIDE



DHXNN3
DHXN8

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