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Neodymium Magnets

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Joe Magneato
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Neodymium Magnet Pull Force Estimates

 For magnetic property information, see [Neodymium Magnet Specifications](#)

Discs

Part Number	Dimensions	Grade	Pull Force (lbs)*
D1Y1	1/16" x 1/32"	N48	0.20
D2Y1	1/8" x 1/32"	N38	0.45
D21	1/8" x 1/16"	N38	0.70
D31	3/16" x 1/16"	N38	1.00
D4Y1	1/4" x 1/32"	N38	0.70
D41	1/4" x 1/16"	N38	1.40
D42	1/4" x 1/8"	N38	2.25
D42B	1/4" x 1/8"	N45	2.85
D42E	1/4" x 1/8"	N38	2.25
D51	5/16" x 1/16"	N38	1.70
D6Y1	3/8" x 1/32"	N38	1.10
D61	3/8" x 1/16"	N38	2.05
D61G	3/8" x 1/16"	N42	2.15
D62	3/8" x 1/8"	N38	3.85
D63	3/8" x 3/16"	N38	5.10
D8Y1	1/2" x 1/32"	N38	1.35
D81	1/2" x 1/16"	N38	2.65
D82	1/2" x 1/8"	N38	5.45
D82B	1/2" x 1/8"	N45	5.70
D84	1/2" x 1/4"	N38	10.85
D84B	1/2" x 1/4"	N45	11.40
D86	1/2" x 3/8"	N38	16.30
D93	9/16" x 3/16"	N38	9.20
DA2	5/8" x 1/8"	N38	6.80
DC2	3/4" x 1/8"	N38	8.10
DC6	3/4" x 3/8"	N38	24.35
DC6B	3/4" x 3/8"	N45	25.60
DE2	7/8" x 1/8"	N38	9.50
DX02	1" x 1/8"	N38	10.90
DX04	1" x 1/4"	N38	21.70
DX04B	1" x 1/4"	N42	22.45
DX08	1" x 1/2"	N38	43.25
DX08B	1" X 1/2"	N45	45.65

Cylinders / Rods

Part Number	Dimensions	Grade	Pull Force (in lbs)*
D22	1/8" x 1/8"	N38	1.40
D26	1/8" x 3/8"	N38	3.25

news

October Specials

For the entire month of October, we are offering special pricing on two great surplus discs



ZD1 Discs
6mm x 1.5mm
Grade N35 - NI



ZD3 Discs
12.6mm x 5mm
Grade N35 - NI

NEW !



Mag-Neato Toys



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You can also pay directly using your PayPal account. Just click the PayPal option on your way through checkout.

D2X0	1/8" x 1"	N38	4.50
D33	3/16" x 3/16"	N38	3.05
D34	3/16" x 1/4"	N38	4.05
D36DIA	3/16" x 3/8"	N38	3.75
D44	1/4" x 1/4"	N38	5.45
D48	1/4" x 1/2"	N38	7.75
D4C	1/4" x 3/4"	N38	11.25
D4X0	1/4" x 1"	N38	14.65
D66	3/8" x 3/8"	N38	9.75
D66SH	3/8" x 3/8"	N38	9.75
D6X0	3/8" x 1"	N38	24.50
D88	1/2" x 1/2"	N38	15.50
D8X0	1/2" x 1"	N38	28.25
D8X8	1/2" x 1 1/2"	N38	39.00
DCC	3/4" x 3/4"	N38	41.00
DX0X0	1" x 1"	N38	74.00

Blocks

Part Number	Dimensions	Grade	Pull Force (in lbs)*
B222	1/8" x 1/8" x 1/8"	N42	1.50
B333	3/16" x 3/16" x 3/16"	N38	3.35
B441	1/4" x 1/4" x 1/16"	N38	1.45
B442	1/4" x 1/4" x 1/8"	N38	3.15
B444	1/4" x 1/4" x 1/4"	N38	6.10
B555	5/16" x 5/16" x 5/16"	N38	8.65
B662	3/8" x 3/8" x 1/8"	N38	4.55
B666	3/8" x 3/8" x 3/8"	N38	13.70
B777	7/16" x 7/16" x 7/16"	N38	18.10
B842	1/2" x 1/4" x 1/8"	N38	4.25
B882	1/2" x 1/2" x 1/8"	N38	6.15
B882G	1/2" x 1/2" x 1/8"	N42	6.30
B884	1/2" x 1/2" x 1/4"	N38	10.30
B888	1/2" x 1/2" x 1/2"	N38	21.50
BCC2	3/4" x 3/4" x 1/8"	N38	7.20
BCC6	3/4" x 3/4" x 3/8"	N38	24.65
BCCC	3/4" x 3/4" x 3/4"	N38	38.45
BX041	1" x 1/4" x 1/16"	N38	3.10
BX042	1" x 1/4" x 1/8"	N38	6.10
BX044	1" x 1/4" x 1/4"	N38	9.30
BX082	1" x 1/2" x 1/8"	N38	8.75
BX084	1" x 1/2" x 1/4"	N38	14.75
BX0X06	1" x 1" x 3/8"	N38	33.75
BX0X0X0	1" x 1" x 1"	N38	89.00

Rings

Part Number	Dimensions	Grade	Pull Force (in lbs)*
R412	1/4" od x 1/16" id x 1/8" thick	N38	2.55
R424	1/4" od x 1/8" id x 1/4" thick	N38	4.70
R622	3/8" od x 1/8" id x 1/8" thick	N38	3.75

R822	1/2" od" x 1/8" id x 1/8" thick	N38	5.25
RC44	3/4" od x 1/4" id x 1/4" thick	N38	7.50
RC48	3/4" od x 1/4" id x 1/2" thick	N38	13.50
RX054	1" od x 5/16" id x 1/4" thick	N38	15.50

Surplus

Part Number	Dimensions	Grade	Pull Force (in lbs)*
ZD1	6mm x 1.5mm	N35	1.05
ZD2	1/2" x 1/2"	N48	18.75
ZD3	12.6mm x 5mm	N35	7.50
ZD4	5.1mm x 14.3mm	N38	6.65
ZB6	25mm x 25mm x 3mm	N45	11.95

*** Note: All Pull Force values are approximate and assume a straight pull with the magnet in flat contact with a steel plate**

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