

# Pot Neodymium Magnets' Specifications



**ADVANCED MAGNETS**  
For Greener & Smarter Future

**HGT Advanced Magnets Co.,Ltd**

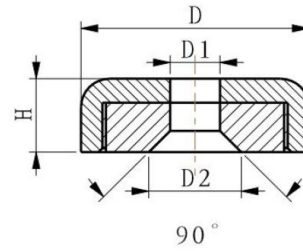
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## Pot Neodymium Magnets with Countersunk Hole



Model	D (mm)	D1 (mm)	D2 (mm)	H (mm)	Weight (g)	Pull Force (kg)
PMA16	16	3.5	6.5	5.2	7	6
PMA20	20	4.5	8.6	7.2	15	9
PMA25	25	5.5	11	7.7	24	19
PMA32	32	5.5	11	7.8	39	32
PMA36	36	6.5	12	7.6	50	41
PMA40	40	6.5	12	7.8	69	52
PMA42	42	6.5	12	8.8	77	61
PMA48	48	8.5	19	10.8	120	75
PMA60	60	8.5	19	15	243	115
PMA75	75	10.5	21	17.8	480	163

Note:

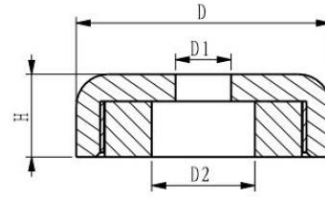
\* Pull force test, i.e. tensile test, was conducted on a polished steel plate (Q235B) with thickness 10 mm at room temperature ( $22 \pm 2$  °C) and at a tensile speed of 80 mm/min.

\* The above pull force are minimum values for each model, there is a maximum deviation of -10% in exceptional cases.

\* The practical pull force can be different in different conditions (temperature, screw, installation situation, etc.).

\* The above data are only for reference, pot magnets can be tailored according to customers' personalized requirements.

## Pot Neodymium Magnets with Cylindrical Hole



Model	D (mm)	D1 (mm)	D2 (mm)	H (mm)	Weight (g)	Pull Force (kg)
PMB16	16	3.5	6.5	5.2	7	5
PMB20	20	4.5	8	7.2	13	8
PMB25	25	5.5	9	7.7	22	18
PMB32	32	5.5	9	7.8	38	30
PMB36	36	6.5	11	7.6	48	40
PMB40	40	6.5	11	7.8	69	50
PMB42	42	6.5	11	8.8	75	65
PMB48	48	8.5	15	10.8	114	72
PMB60	60	8.5	15	15	235	110
PMB75	75	10.5	18	17.8	460	155

Note:

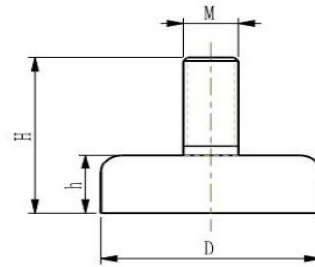
\* Pull force test, i.e. tensile test, was conducted on a polished steel plate (Q235B) with thickness 10 mm at room temperature ( $22\pm 2$  °C) and at a tensile speed of 80 mm/min.

\* The above pull force are minimum values for each model, there is a maximum deviation of -10% in exceptional cases.

\* The practical pull force can be different in different conditions (temperature, screw, installation situation, etc.).

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## Pot Neodymium Magnets with Male Screw Thread



Model	D (mm)	M (mm)	H (mm)	h (mm)	Weight (g)	Pull Force (kg)
PMC16	16	4	14	5.2	9	8
PMC20	20	4	16	7.2	16	12
PMC25	25	5	17	7.7	26	22
PMC32	32	6	18	7.8	43	34
PMC36	36	6	17.6	7.6	54	41
PMC40	40	6	17.7	7.8	75	51
PMC42	42	6	18.7	8.8	83	68
PMC48	48	8	24	10.8	130	78
PMC60	60	8	31.5	15	256	120
PMC75	75	10	35	17.8	510	178

Note:

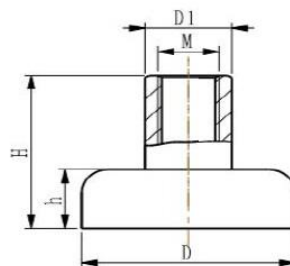
\* Pull force test, i.e. tensile test, was conducted on a polished steel plate (Q235B) with thickness 10 mm at room temperature ( $22 \pm 2$  °C) and at a tensile speed of 80 mm/min.

\* The above pull force are minimum values for each model, there is a maximum deviation of -10% in exceptional cases.

\* The practical pull force can be different in different conditions (temperature, screw, installation situation, etc.).

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## Pot Neodymium Magnets with Female Screw Thread



Model	D (mm)	D1 (mm)	M (mm)	H (mm)	h (mm)	Weight (g)	Pull Force (kg)
PMD16	16	6.5	4	13.5	5.2	9	8
PMD20	20	6.5	4	15	7.2	17	12
PMD25	25	7.5	5	17	7.7	28	22
PMD32	32	10	6	18	7.8	45	34
PMD36	36	10	6	18.5	7.6	55	41
PMD40	40	10	6	18.8	7.8	78	51
PMD42	42	10	6	18.8	8.8	84	68
PMD48	48	12	8	24	10.8	130	78
PMD60	60	12	8	28	15	263	120
PMD75	75	17	10	35	17.8	515	178

Note:

\* Pull force test, i.e. tensile test, was conducted on a polished steel plate (Q235B) with thickness 10 mm at room temperature (22±2 °C) and at a tensile speed of 80 mm/min.

\* The above pull force are minimum values for each model, there is a maximum deviation of -10% in exceptional cases.

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## Hook Neodymium Magnets



Model	D (mm)	D1 (mm)	M (mm)	h (mm)	H (mm)	H1 (mm)	Weight (g)	Pull Force (kg)
PME16	16	6.5	4	5.2	13.5	35.7	12	8
PME20	20	6.5	4	7.2	15	37.8	21	12
PME25	25	7.5	5	7.7	17	44.9	38	22
PME32	32	10	6	7.8	18	47.8	54	34
PME36	36	10	6	7.6	18.5	49.8	64	41
PME40	40	10	6	7.8	18.8	50.1	87	51
PME42	42	10	6	8.8	18.8	50	98	68
PME48	48	12	8	10.8	24	61	150	78
PME60	60	12	8	15	28	66	283	120
PME75	75	17	10	17.8	35	84	555	178

Note:

\* Pull force test, i.e. tensile test, was conducted on a polished steel plate (Q235B) with thickness 10 mm at room temperature (22±2 °C) and at a tensile speed of 80 mm/min.

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\* The practical pull force can be different in different conditions (temperature, screw, installation situation, etc.).

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## Eyelet Neodymium Magnets



Model	D (mm)	D1 (mm)	M (mm)	h (mm)	H (mm)	H1 (mm)	Weight (g)	Pull Force (kg)
PMF16	16	6.5	4	5.2	13.5	35.7	12	8
PMF20	20	6.5	4	7.2	15	37.8	21	12
PMF25	25	7.5	5	7.7	17	44.9	33	22
PMF32	32	10	6	7.8	18	47.8	54	34
PMF36	36	10	6	7.6	18.5	49.8	64	41
PMF40	40	10	6	7.8	18.8	50.1	87	51
PMF42	42	10	6	8.8	18.8	50	98	68
PMF48	48	12	8	10.8	24	61	150	78
PMF60	60	12	8	15	28	66	283	120
PMF75	75	17	10	17.8	35	84	555	178

Note:

\* Pull force test, i.e. tensile test, was conducted on a polished steel plate (Q235B) with thickness 10 mm at room temperature (22±2 °C) and at a tensile speed of 80 mm/min.

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