

NEODYMIUM POT MAGNETS



Neodymium pot magnet is a simple *mounting magnet system* with neo magnets encased in a durable steel cup. This makes a magnetic shielding area and then focused all magnetic force on one side of magnet.

The pull force of pot magnet is bigger than normal permanent magnet without steel cup and can hold heavier objects. It is one of very important *mounting magnets* and can be used for many installations.

Types of Cup Magnets

Most of pot magnets are around. They are also known as *round base magnets*. We produce *block mounting magnets*, *channel magnets* and *rubber coated magnets* as well

TYPE A



Model	D (mm)	d (mm)	d1 (mm)	H (mm)	Weight (g)	Attraction (Kg, N, Lbs)	Remarks
HSMN-A12	12	3.5	6.5	4.5	4	2.5, 25, 6	
HSMN-A16	16	3.5	6.5	5.2	7	6, 60, 13	
HSMN-A20	20	4.5	8.6	6	13	8, 78, 18	
HSMP-A20	20	4.5	8.6	7	14	11, 108, 24	Plus+
HSMN-A25	25	5.5	11	6.8	23	18, 176, 40	
HSMP-A25	25	5.5	10.6	8	25	22, 216, 48	Plus+
HSMN-A32	32	5.5	11	6.8	38	30, 294, 66	
HSMP-A32	32	5.5	10.6	8	42	32, 314, 70	Plus+
HSMN-A36	36	6.5	12	6.8	50	36, 353, 79	
HSMP-A36	36	6.5	11.3	8	54	43, 421, 95	Plus+
HSMN-A42	42	6.5	12	7.8	78	60, 588, 132	
HSMP-A42	42	6.5	11.3	8.6	78	65, 637, 143	Plus+
HSMN-A48	48	8.5	19	9.5	113	75, 735, 165	
HSMP-A48	48	8.5	15.5	11	138	81, 794, 178	Plus+
HSMN-A55	55	8.5	14.5	12	205	95, 931, 209	
HSMN-A60	60	8.5	14.5	15	305	160, 1568, 352	
HSMN-A70	70	10.5	16.5	17	485	210, 2058, 462	
HSMN-A75	75	10.5	16.5	18	560	250, 2450, 550	
HSMN-A80	80	10.5	16.5	18	668	300, 2940, 660	
HSMN-A90	90	10.5	16.5	18	850	380, 3724, 836	
HSMN-A120	120	12.5	22.5	18	1520	480, 4704, 1056	

Notes:

- Steel Cup material is in A3 Steel(Q235), 304 Stainless Steel or other materials also can be customized to your request;
- The coating of the whole product can be in Zinc or NiCuNi, or other custom coating;
- The vertical holding force is tested under ideal condition by on a 10mm flat steel plate;
- The final holding force needs to be tested in actual application. The test result may be smaller if your steel is thinner, rough, coated or not flat enough;
- The neodymium pot magnet can be customized upon your request, including thread type, pull force, working temperature, coating etc.

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