

NEODYMIUM POT MAGNETS



HONSEN MAGNETICS

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 *flat base magnets, round base magnets and hexagonal magnets...*

TYPE B



Model	D (mm)	d (mm)	d1 (mm)	H (mm)	Weight (g)	Attraction (Kg, N, Lbs)	Remarks
HSMN-B12	12	3.5	6.5	4.5	4	2.5, 25, 6	
HSMN-B16	16	3.5	6.5	5.2	7	6, 60, 13	
HSMN-B20	20	4.5	8.6	6	13	8, 78, 18	
HSMP-B20	20	4.5	8	7	13	11, 108, 24	Plus+
HSMN-B25	25	5.5	11	6.8	23	18, 176, 40	
HSMP-B25	25	5.5	9	8	19	22, 216, 48	Plus+
HSMN-B32	32	5.5	11	6.8	38	30, 294, 66	
HSMP-B32	32	5.5	9	8	38	32, 314, 70	Plus+
HSMN-B36	36	6.5	12	6.8	50	34, 333, 75	
HSMP-B36	36	6.5	11	8	48	40, 392, 88	Plus+
HSMN-B42	42	6.5	12	7.8	78	55, 539, 121	
HSMP-B42	42	6.5	11	8.6	70	60, 588, 132	Plus+
HSMN-B48	48	8.5	19	9.5	113	65, 637, 143	
HSMP-B48	48	8.5	15	11	115	70, 686, 154	Plus+
HSMN-B55	55	8.5	15	12	190	90, 882, 198	
HSMN-B60	60	8.5	15	15	240	150, 1470, 330	
HSMN-B70	70	10.5	18	17	430	180, 1764, 396	
HSMN-B75	75	10.5	18	18	515	220, 2156, 484	
HSMN-B80	80	10.5	18	18	641	240, 2352, 528	
HSMN-B90	90	10.5	18	18	800	310, 3038, 682	
HSMN-B120	120	12.5	25	18	1380	420, 4116, 924	

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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