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Magnetic Assemblies

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Specification of Magnets >> NdFeB Magnet

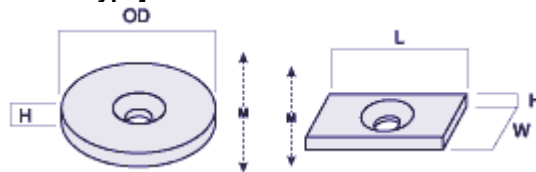
NdFeB Applied Product

Plate Catch | Plate Catch (Yoke Attached) | Ball Type

Plate Catch

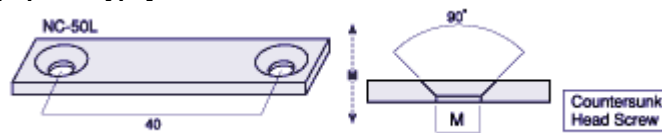
Since a traditional Plate Catch is thick, it had some disadvantages such as it had to be fixed on the main body of a storage case. The newly developed Plate Catch is thin and flat, and can easily be fixed on the lid since a hole for counter sunk head screw is directly bored in the magnet.

[Round Type]



Code	OD × H	M	Holding Force	Remarks
NC-12R	12Φ × 3	3	3.0kg	Zinc yellow coating
NC-24R	24Φ × 4	5	6.0kg	Ni plated
NC-35R	35Φ × 5	5	12.0kg	Ni plated

[Square Type]



Code	L × W × H	M	Holding Force	Remarks
NC-20L	20 × 10 × 3	3	2.5kg	Zinc yellow coating
NC-35L	34.5 × 20 × 5	5	11.0kg	Ni plated
NC-50L	50 × 10 × 3	3	5.0kg	Zinc yellow coating

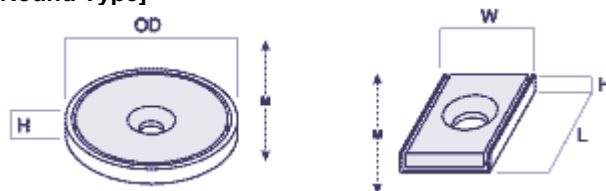
- Adsorbability is based on a backing plate of 1.6t (Measured by Imada Digital Force Gage) .
- Must be used below 80 °C

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Plate Catch (Yoke Attached)

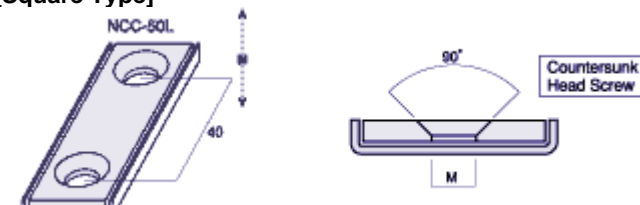
A plate magnet with a yoke attached makes adsorbability two or four times as strong as the one without a yoke.

[Round Type]



Code	OD × H	M	T(yoke)	Holding Force	Remarks
NCC-12R	15.5Φ × 5	3	1.5	4.0kg	Zinc yellow coating
NCC-29R	29Φ × 6.6	5	2.1	24.0kg	Ni plated
NCC-40R	40Φ × 7.6	5	2.1	40.0kg	Ni plated

[Square Type]

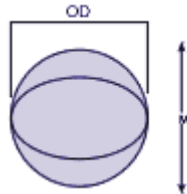


NCC-35L	35 × 24.5 × 7.5	5	2.0	30.0kg	Ni plated
NCC-50L	50 × 13.5 × 5	3	1.5	20.0kg	Zinc yellow coating

- Adsorbability is based on a backing plate of 1.6t (Measured by Imada Digital Force Gage) .
- Must be used below 80°C

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Ball Type



OD	Remarks
2Φ	Gold plated
5Φ	Gold plated
10Φ	Gold plated
15Φ	Gold plated
5Φ	Ni plated
10Φ	Ni plated
15Φ	Ni plated
40Φ	Ni plated



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