

## JCN52-DSC12-2 Specification Sheet

### Product Specifications

|                          |   |
|--------------------------|---|
| Dimensions:              | 12mm x 2mm thick                                      |
| Tolerances:              | Tolerances $\pm 0.1\text{mm} \times \pm 0.1\text{mm}$ |
| Material:                | NdFeB, Grade N52                                      |
| Plating/Coating:         | Ni-Cu-Ni (Nickel)                                     |
| Magnetization Direction: | Axial (Poles on Flat Ends)                            |
| Surface Field*:          | 2340 Gauss  |
| Max Operating Temp:      | 176°F (80°C)  |
| Brmax:                   | 14,800 Gauss  |
| BHmax:                   | 52 MGOe   |

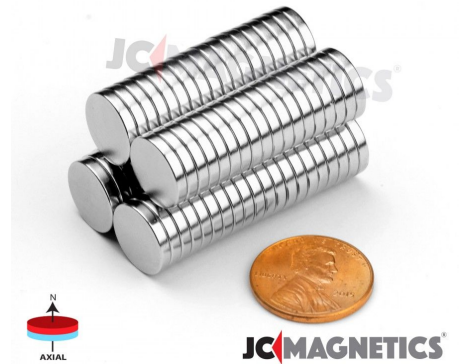
\* Field results are obtained from calculations with lab testing. The results are the surface field values at the surface of the magnet, centered on the axis of magnetization.

### Performance (Approx. Pull Force)

Magnet to a Steel Plate: 4.20 LB  
Between 2 Steel Plates: 16.43 LB  
Magnet to Magnet: 4.20 LB

Different configurations of magnets and surrounding ferromagnetic materials may substantially alter your pull force results.

#### N52 12mm x 2mm Disc



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