

JCN52-DSC10-5 Specification Sheet

Product Specifications

| | |
|--------------------------|---|
| Dimensions: | 10mm x 5mm 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*: | 5233 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: 8.02 LB
Between 2 Steel Plates: 12.57 LB
Magnet to Magnet: 8.02 LB

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

N52 10mm x 5mm Disc



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