

## JCN52-BLK40404 Specification Sheet

### Product Specifications

**N52** 40x40x4mm Block

Dimensions:	40mm x 40mm x 4mm
Tolerances:	Tolerances $\pm 0.1\text{mm}$ x $\pm 0.1\text{mm}$
Material:	NdFeB, Grade N52
Plating/Coating:	Ni-Cu-Ni (Nickel)
Magnetization Direction:	Axial (Poles on Flat Ends)
Surface Field*:	1311 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.



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### Performance (Approx. Pull Force)

Magnet to a Steel Plate: 35.94 LB  
Between 2 Steel Plates: 199.9 LB  
Magnet to Magnet: 35.94 LB

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