

## JCN52-BLK12121 Specification Sheet

### Product Specifications

Dimensions:	12mm x 12mm x 1mm
Tolerances:	±0.1mm x ±0.1mm
Material:	NdFeB, Grade N52
Plating/Coating:	Ni-Cu-Ni (Nickel)
Magnetization Direction:	Axial (Poles on Flat Ends)
Surface Field*:	1098 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:	2.21 LB
Between 2 Steel Plates:	20.01 LB
Magnet to Magnet:	2.21 L

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

#### N52 12x12x1mm Block



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