

## JCN52-DSC8-1 Specification Sheet

### Product Specifications

Dimensions:	8mm x 1mm 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*:	1795 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: 1.18 LB  
Between 2 Steel Plates: 7.06 LB  
Magnet to Magnet: 1.18 LB

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

