



D42DIA Specification Sheet

Product Specifications

Type:	DISC
Dimensions:	0.25 dia x 0.125 thk (in)
Tolerance:	All dimensions ± 0.004 in
Material:	NdFeB, Grade N42
Plating:	NiCuNi
Max Op Temp:	176°F (80°C)
Br max:	13,200 Gauss
BH max:	42 MGOe



Performance Specifications

Pull Force, Case 1,	
Magnet to a Steel Plate:	1.32 lb
Surface Field:	6898 Gauss

Surface Field values are derived from calculation and verification with experimental testing. These values are the field values at the surface of the magnet, centered on the axis of magnetization. Measurement of the B field with a magnetometer may yield varying results, depending on the geometry of your sensor. Pull Force values are based on extensive product testing in our laboratory. Different configurations of magnets and surrounding ferromagnetic materials may substantially alter your results.