



Deutsche Magnetwerke GmbH

Warning about NdFeB-Magnets!

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Magnetic materials from the elements neodymium (Nd), iron (Fe) and boron (B) are so-called high-energy magnetic materials, even small amounts of which exhibit enormous pulling force both on each other as well as on ferromagnetic parts. There is a risk of injury due to pinching. We therefore expressly recommend separating the magnets only by sliding them apart laterally. NdFeB magnets have a galvanic protective layer, usually made of nickel or zinc which protects the magnets from corrosion and gradual deterioration. These magnets may therefore not be processed mechanically and must be treated carefully, so that the protective layer is not damaged. Banging the magnets against each other can lead to chipping and damaging the protective layer. For processing the magnets, we recommend cementing with a two-component adhesive for metals or infusing them in synthetic resin (epoxides, etc.).