

Magnetic pull

The information on magnetic pull in this catalogue is intended to provide a certain degree of guidance for the selection of magnets for pulling and gripping. The pull capacity depends, however, on the both the actual magnet and on the lifting material and the quality of the contact surfaces.

The specified values can only be achieved in hardened steel with suitable cross-sectional area (to support the power flow produced by the magnet), including flat and smooth contact surface. A suitable cross-sectional area refers to at least half of the cross-sectional area of the actual magnet.

In the case of pulling distance tests care should be taken to ensure that the magnet is in the middle of the load, that the lifting is vertical, and that the acceleration is not of such magnitude that it exceeds the actual load that the magnet can lift.

