Doublemag | Triplemag

Electropermanent Magnetic Chucks

The Doublemag are small Magnaslots, but magnetized on top (to hold the workpiece) and on bottom (to hold itself on the machine table). They are very handsome and flexible in use. They can be combined in multiple number to a large magnetic table to clamp economically large workpieces.

The Triplemag are same as Doublemag, but have additional and separately switched magnets on bottom side, enabling a wanted position on the machine table or the wall before clamping the job.

These magnets are manufactured as double row (DM502 or TM508) or single row (TM505).

Application

- Clamping big or bulky workpieces for milling
- Clamping for edge cutting or deburring
- For simple and fast fixing of workpieces
- Also usable with fixed and movable pole extensions for uneven surfaces
### Technical data

<table>
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<th>Channel No.</th>
<th>Controller Type</th>
<th>Adhesive force regulation</th>
<th>Weight</th>
<th>No.</th>
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<td>with remote control and adhesive force regulation</td>
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### Technical data

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### Features

- Pole size 50 x 50 mm
- Adhesive force ≥ 350 kg per pole
- Full clamping force will only be achieved if the supporting table is ferromagnetic and at least 15 mm thick
- Penetration depth of the magnetic field up to 12 mm
- Patented solid top resists best to hot chips and coolance and cares also for heat dissipation

### Options

- For pole extensions -> see Accessories on page 15
- Footswitch for controller EPM D50 for Doublemag

### Professional advantages

- Drastic reduction of set-up times
- 5-side machining with simple and fast positioning and clamping
- Less stress, less vibrations, less torsions for better machining
- Flexible combination of multiple magnets to machine large or bulky workpieces
- Better accuracy-plane-parallelism 0,01/1000mm is reachable
- The advantage of fixed and mobile pole extensions for balancing uneven, bent, large workpieces

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**Controller EPM D50-2 for Triplemag**

**Controller EPM D50 for Doublemag**

**Footswitch for controller EPM D50 for Doublemag**

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