# Electromagnetic Chucks

## Model KEZX

**Super Powerful Electromagnetic Chuck with T-Slots**

**Chuck controller required additionally**

![Model KEZX Diagram](image)

<table>
<thead>
<tr>
<th>Model</th>
<th>Nominal Size</th>
<th>Work Face</th>
<th>Pole Pitch</th>
<th>No. of Pole</th>
<th>Mounting Face</th>
<th>Height</th>
<th>Hole Details</th>
<th>Electromagnet Master</th>
</tr>
</thead>
<tbody>
<tr>
<td>KEZX-60100B</td>
<td>500 x19.6 x 1000 x 19.6</td>
<td>350 x11.8 x 240 x 34.4</td>
<td>206</td>
<td>18</td>
<td>120</td>
<td>30.3</td>
<td>180</td>
<td>350</td>
</tr>
</tbody>
</table>

**[Application]**

A super powerful electromagnetic chuck having T-slots for heavy duty cutting. A range of workpieces that can be held has been expanded by a combination of a quick working magnet system and clamps by use of T-slots.

As the mechanical clamping mechanism is incorporated, irregularly shaped workpieces and nonmagnetic workpieces that cannot be held by normal electromagnetic chucks can be held easily.

When clamping a nonmagnetic workpiece, such work as demounting the electromagnetic chuck from the machine table can be eliminated.

Model KEZX comes both in the flat type and vertical type.

**[Features]**

- Super powerful electromagnetic chuck specially designed for heavy duty cutting.
- Small and irregularly shaped workpieces can be held firmly by a combination of a magnet and clamping by use of T-slots.
- Since a nonmagnetic workpiece can be secured by clamping by use of T-slots, such steps as mounting and demounting the electromagnetic chuck to and from the machine table are not required.
- With the vertical type, effective usage of T-slots with the magnetic force of the electromagnetic chuck reduced (or turned off completely) facilitates positioning of the workpiece or obtaining the reference plane.
- Workpieces having a small attractive face area can also be clamped firmly.

## Model KETZ

**Super Powerful Electromagnetic Chuck**

**Chuck controller required additionally**

![Model KETZ Diagram](image)

<table>
<thead>
<tr>
<th>Model</th>
<th>Nominal Size</th>
<th>Work Face</th>
<th>Number of T-slots</th>
<th>Mounting Face</th>
<th>Height</th>
<th>Hole Details</th>
<th>Electromagnet Master</th>
</tr>
</thead>
<tbody>
<tr>
<td>KETZ-2550B</td>
<td>50 x19.6 x 500 x 19.6</td>
<td>350 x11.8 x 240 x 34.4</td>
<td>206</td>
<td>18</td>
<td>120</td>
<td>30.3</td>
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</tr>
</tbody>
</table>

**[Application]**

Designed for heavy duty cutting by a milling machine and planemaker. Most suitable for powerful chucking of thick workpieces and high-speed cutting where a large cutting force is exerted.

**[Features]**

- Super powerful electromagnetic chucks specially designed for heavy duty cutting.
- Various measures provided for easy mounting, easy wiring and quick elimination of residual magnetism.
- Very effective holding power for workpieces that are 15 mm or thicker and sized 140 × 140 mm or larger.

## Dimensions

<table>
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<tr>
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<th>Electromagnet Master</th>
</tr>
</thead>
<tbody>
<tr>
<td>KETZ-1530B</td>
<td>50 x19.6 x 300 x 19.6</td>
<td>350 x11.8 x 240 x 34.4</td>
<td>206</td>
<td>18</td>
<td>120</td>
<td>30.3</td>
<td>180</td>
<td>350</td>
</tr>
</tbody>
</table>

**Remarks**

- The power cord is 3 m for KETZ-1530B and 1545B and 5 m for others.
- If the magnetic force needs not be adjusted, use ES-M.
- Sizes not listed above are also available.
- The chuck controller and clamp parts are not included. The KANETEC chucks work best when a KANETEC chuck controller is used.
- The models marked with ◎ are of duplex type. Please provide information such as a center connecting hole position. Also the terminal box TB-2PD is required for connection to the Chuck Master.