### Model EPT/EPT-LW

#### PERMANENT ELECTROMAGNETIC CHUCK (STANDARD/LOW MAGNETIC FORCE CONTROL)

**[Application]**
Suitable for high precision grinding and slicing.

**[Features]**
- Since electricity is supplied momentarily only to control the magnetomotive force when mounting/demounting a workpiece, little heat is generated internally to enable highly precise machining.
- Since electricity needs not be supplied continuously even while holding a workpiece, the running cost is very low.
- Since the holding power is maintained by the permanent magnet, safety is secured in the event of power failure and cable breakage.
- A resin-bonded structural face plate having little environmental burden is employed.

**About EPT-LW**
Model EPT-LW is equipped with a low magnetic force (weak attraction) control function that is difficult with conventional permanent electromagnetic chucks and therefore facilitates strain relieving and workpiece positioning at the same level as electromagnetic chucks. (When the low magnetic force control is active, the power is supplied continuously.)

Please note that a dedicated Chuck Master (Model EPH-LW) (see page 3B) needs to be used together.

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### Model EPT-H

#### POWERFUL PERMANENT ELECTROMAGNETIC CHUCK

**[Application]**
Suitable for high precision grinding and slicing.

**[Features]**
- Compared with the standard type (EPT), these chucks generate a larger magnetic force and therefore are capable of securing workpieces firmly during grinding of large machining load.
- A resin-bonded structural face plate having little environmental burden is employed.

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### Table: EPT-3060F

<table>
<thead>
<tr>
<th>Model</th>
<th>Nominal Size</th>
<th>B</th>
<th>L</th>
<th>Le</th>
<th>t</th>
<th>P</th>
<th>Lₜ</th>
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<th>H</th>
<th>Voltage</th>
<th>Current Power</th>
<th>Mass</th>
<th>Electro Chuck Master</th>
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<td>311</td>
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<td>380</td>
<td>450</td>
<td>311</td>
<td>0.80</td>
<td>120 VDC</td>
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### Table: EPT-H3060F

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<th>Voltage</th>
<th>Current Power</th>
<th>Mass</th>
<th>Electro Chuck Master</th>
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<td>120 VDC</td>
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*The chuck controller and clamp parts are not included.*
*The KANETEC chucks work best when a KANETEC chuck controller is used.*
*Turning the permanent electromagnetic chucks on and off must be limited to once per several minutes. If on/off operations are repeated frequently, the chuck may be damaged by overheating.*