PERMANENT ELECTROMAGNETIC CHUCKS

**Model EPTW**

PERMANENT ELECTROMAGNETIC MICROPITCH CHUCK

- **Chuck controller required additionally**
- **Power saving generation**

**Model EPTW-N**

PERMANENT ELECTROMAGNETIC MICROPITCH CHUCK

- **Chuck controller required additionally**
- **Power saving generation**

**Model EPZ-U**

TILT TYPE PERMANENT ELECTROMAGNETIC CHUCK

- **Chuck controller required additionally**
- **Power saving generation**

[Table]

<table>
<thead>
<tr>
<th>Model</th>
<th>Nominal Size</th>
<th>Work Face</th>
<th>Pole Pitch</th>
<th>Mounting Face</th>
<th>Height</th>
<th>Voltage</th>
<th>Power Cord</th>
<th>Mass</th>
<th>Electric Chuck Master</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPTW-1530</td>
<td>150 (5.90 × 300.118)</td>
<td>150 (5.90)</td>
<td>300 (11.8)</td>
<td>20</td>
<td>125 (4.90)</td>
<td>4 (0.8 + 3.2)</td>
<td>0.15 (0.03 + 0.12)</td>
<td>148 (5.82)</td>
<td>350 (13.8)</td>
</tr>
<tr>
<td>EPTW-N2040</td>
<td>200 (7.87 × 400.178)</td>
<td>200 (7.87)</td>
<td>400 (15.7)</td>
<td>25</td>
<td>173 (6.81)</td>
<td>0.15 (0.03 + 0.12)</td>
<td>198 (7.79)</td>
<td>400 (15.7)</td>
<td>500 (19.6)</td>
</tr>
<tr>
<td>EPTW-N2050</td>
<td>250 (9.84 × 600.236)</td>
<td>250 (9.84)</td>
<td>600 (23.6)</td>
<td>30</td>
<td>217 (8.54)</td>
<td>0.15 (0.03 + 0.12)</td>
<td>249 (9.76)</td>
<td>600 (23.6)</td>
<td>(249, 0.78)</td>
</tr>
</tbody>
</table>

[Application]
Suitable for grinding on precision grinders and for holding thin and thick workpieces having a large area.

[Features]
- Thanks to finer pole pitches on the chuck work face, these chucks hold thin and wide workpieces firmly.
- Since electricity is supplied momentarily only to control the magnetomotive force when mounting/demounting a workpiece, little heat is generated internally to maintain accuracy.
- Since electricity needs not be supplied continuously even while holding a workpiece, the running cost is very low.
- Since the holding power is maintained in the event of power failure and cable breakage, safety is secured.

**Model EPZ-1030UF**

TILT TYPE PERMANENT ELECTROMAGNETIC CHUCK

- **Chuck controller required additionally**
- **Power saving generation**

[Table]

<table>
<thead>
<tr>
<th>Model</th>
<th>Nominal Size</th>
<th>Work Face</th>
<th>Pole Pitch</th>
<th>Tilt Base</th>
<th>Length</th>
<th>Height</th>
<th>Voltage</th>
<th>Mass</th>
<th>Electric Chuck Master</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPZ-1030UF</td>
<td>100 (3.93 × 250.9.84)</td>
<td>100 (3.93)</td>
<td>250 (9.84)</td>
<td>100</td>
<td>300 (11.8)</td>
<td>50</td>
<td>29</td>
<td>14</td>
<td>15</td>
</tr>
<tr>
<td>EPZ-1035UF</td>
<td>120 (4.73 × 300.118)</td>
<td>120 (4.73)</td>
<td>300 (11.8)</td>
<td>120</td>
<td>470 (18.5)</td>
<td>470 (18.5)</td>
<td>470 (18.5)</td>
<td>470 (18.5)</td>
<td>470 (18.5)</td>
</tr>
<tr>
<td>EPZ-1045UF</td>
<td>150 (5.90 × 450.177)</td>
<td>150 (5.90)</td>
<td>450 (17.7)</td>
<td>150</td>
<td>570 (22.3)</td>
<td>(150, 6.15)</td>
<td>(150, 6.15)</td>
<td>(150, 6.15)</td>
<td>(150, 6.15)</td>
</tr>
</tbody>
</table>

[Application]
Suitable for angle grinding on grinders. Easy to install.

[Features]
- The rotary shaft with scale facilitates angle setting. (An angle can be set as desired in a range of 90° forward and 90° backward.)
- 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 in the event of power failure and cable breakage, safety is secured.