PERMANENT ELECTROMAGNETIC CHUCKS

Model EP-QD  DEMAGNETIZING FUNCTION-EQUIPPED PERMANENT ELECTROMAGNETIC CHUCK FOR CUTTING

Weakness of checker board pattern type permanent electromagnetic chucks overcome!

[Application]
Used for securing workpieces during cutting by milling machines, machining centers, etc.

[Features]
● An optimum combination of KANETEC’s original magnetic pole construction and a construction dedicated to demagnetization has reduced residual holding power significantly.
● Hardened steel and special steel workpieces having large residual magnetism can be released easily. (Compared with conventional EP-Q)
● The optional straightening block (KT-Q70/Q70M) can be used. By mounting various blocks using tapped holes on the attractive face, various securing methods can be utilized according to machining operations.
● Can be used in wet operations.
● Special types having four poles minimum are available.

EP-QD7-3469
(Mounting size equivalent to 400 × 800)

[Application]

[Features]

<table>
<thead>
<tr>
<th>Model</th>
<th>Mounting Size</th>
<th>Work Face</th>
<th>Pole Dimensions</th>
<th>Mounting Face</th>
<th>Tapped Hole on Attractive Face</th>
<th>Mass</th>
<th>Electric Chuck Master</th>
</tr>
</thead>
<tbody>
<tr>
<td>EP-QD7-2650</td>
<td>300(11.8) × 800(31.5)</td>
<td>200</td>
<td>11.8</td>
<td>360</td>
<td>250</td>
<td>600</td>
<td>24</td>
</tr>
<tr>
<td>EP-QD7-3453</td>
<td>400(15.7) × 600(23.6)</td>
<td>360</td>
<td>15.7</td>
<td>360</td>
<td>250</td>
<td>520</td>
<td>20.4</td>
</tr>
<tr>
<td>EP-QD7-3469</td>
<td>400(15.7) × 800(31.5)</td>
<td>360</td>
<td>15.7</td>
<td>360</td>
<td>250</td>
<td>520</td>
<td>20.4</td>
</tr>
</tbody>
</table>

*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 chucks may be damaged by overheat.

Model EP-QL  SUPER POWERFUL PERMANENT ELECTROMAGNETIC CHUCK FOR LONG WORKPIECE

A permanent electromagnetic chuck specialized in securing long workpieces! Powerfully holds workpieces without jigs!

[Application]
Used to secure workpieces quickly and firmly during milling and machining of long workpieces such as railroad rails.

[Features]
● The employment of magnetic pole arrangement providing a wide attractive area enables it to attract and hold workpieces on the whole attractive face.
● A magnet for side-face attraction may be mounted to support securing of workpieces from sides.
● In place of a side-face attraction magnet, clamp parts may be used.

<table>
<thead>
<tr>
<th>Model</th>
<th>Work Face</th>
<th>Mounting Face</th>
<th>Height</th>
<th>Mass</th>
<th>Electro Chuck Master</th>
</tr>
</thead>
<tbody>
<tr>
<td>EP-QL-2411A</td>
<td>240(9.44)</td>
<td>335(13.19)</td>
<td>85(3.34)</td>
<td>1115(43.8)</td>
<td>1074(42.2)</td>
</tr>
</tbody>
</table>

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