INTERMITTENT MOTION CLUTCHES
SINGLE REVOLUTION

Controlled Motion
Hilliard single revolution clutches provide output cycles, on demand, from a continuously running input. The output cycles can be a fraction of a revolution, one revolution or multiple revolutions.

Hilliard's single revolution clutch has been the standard for excellence since 1936. This clutch typically provides five times the duty life of wrap-spring clutches for indexing, shearing, bending, fastening, loading or similar applications. Each clutch is designed for a service life of up to 40 million cycles.

- Positive engagement at any point of revolution without slip, lag or cumulative error
- Automatic disengagement at the same point of each operating cycle
- No deterioration in performance throughout service life
- Ruggedly built and field proven
- Controlled by a single trip lever which may be activated by a solenoid, an air cylinder or other mechanical devices

SPECIFICATIONS/SIZE RANGE

<table>
<thead>
<tr>
<th>Size</th>
<th>Torque</th>
<th>Bore</th>
<th>O.D.</th>
<th>Length</th>
<th>Speed Range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lb-Ft</td>
<td>in.</td>
<td>mm</td>
<td>in.</td>
<td>in.</td>
</tr>
<tr>
<td>Smallest</td>
<td>O</td>
<td>2</td>
<td>1/4</td>
<td>1-1/4</td>
<td>1-13/32</td>
</tr>
<tr>
<td>Largest</td>
<td>D14</td>
<td>9,240</td>
<td>12,520</td>
<td>17-1/2</td>
<td>17-5/8</td>
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</tbody>
</table>

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