**RTP ROBOT TRANSFER PIN**

- 8 - 20mm PIN DIAMETERS
- ROUND PIN ONLY, NO ANTI-ROTATE
- 50mm STROKE, SPRING LOADED

Concave pin tip meets the fixture’s locating pin and maintains spring force contact, while part is transferred. Pin-to-pin transfer allows use of the same holes in parts without using nontolerance holes.

**Applications:**
- Robot Teach Aid
- End of Arm Tooling
- Pass Table
- Load Table
- Material Handling
- Pass-off Application

**Specifications:**
- Pin dia 8-20mm to match fixed tooling
- Spring retract during part transfer
- Lightweight aluminum body
- Welker switch, optional
- Naams swap out ready for robot teach aid
- Naams multi-sided mounting: option "A" shown, side holes & dowels

Released 7/17/19
ORDERING INFORMATION

Pin Diameter
XXXX (i.e. 8.00mm Pin = 0800)
8.00mm-20.00mm Dia Range

Body Style
A 11.0 Dia thru & 8.00 Dia Dowels (Side)
B M10 Tap thru & 8.00 Dia Dowels (Side)
C 9.0 Dia thru & 8.00 Dia Dowels (Side)
D M8 Tap thru & 8.00 Dia Dowels (Side)
E M8 Tap & 8.00 Dia Dowels (End)

Switch
00 No Switch
L3 Welker Solid State Cylinder Switch

Spring
0 Standard Spring
1 Light Load Spring

GOOD APPLICATIONS:
• ROBOT TEACH AID
• END OF ARM TOOLING
• PASS TABLE
• LOAD TABLE
• MATERIAL HANDLING
• PASS-OFF APPLICATION

BAD APPLICATIONS:
• NO-HOLE
• PARTS NOT CLAMPED
• PICK MISALIGNED
• PIN LINE-UP NOT THE SAME ANGLE

SPRING PRESSURE

<table>
<thead>
<tr>
<th>SPRING</th>
<th>STANDARD</th>
<th>LIGHT LOAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIN EXTEND</td>
<td>5.0 LBS</td>
<td>3.0 LBS</td>
</tr>
<tr>
<td>PIN RETURNED</td>
<td>25.0 LBS</td>
<td>16.0 LBS</td>
</tr>
<tr>
<td>MAX COMPRESSION</td>
<td>50.0mm</td>
<td>50.0mm</td>
</tr>
</tbody>
</table>

GENERAL DIMENSIONS

BODY STYLE

<table>
<thead>
<tr>
<th>BODY STYLE</th>
<th>DOWELS</th>
<th>HOLES</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>8.00</td>
<td>11.00</td>
<td>SIDE</td>
</tr>
<tr>
<td>B</td>
<td>8.00</td>
<td>M10x1.5 TAP</td>
<td>SIDE</td>
</tr>
<tr>
<td>C</td>
<td>8.00</td>
<td>9.00</td>
<td>SIDE</td>
</tr>
<tr>
<td>D</td>
<td>8.00</td>
<td>M8x1.25 TAP</td>
<td>SIDE</td>
</tr>
<tr>
<td>E</td>
<td>8.00</td>
<td>M8x1.25 TAP</td>
<td>END</td>
</tr>
</tbody>
</table>

P.F. DOWEL THRU (2 HOLES)
HOLE THRU (2 HOLES)

BODY STYLE "A" SHOWN

DIMPLE FITS NAAMS STANDARD PINS

WEKER
ENGINEERED PRODUCTS
800-229-0890 www.welkerproducts.com

(DO NOT SCALE DRAWING)