ALUMINUM IDLER ROLL, DEAD SHAFT

STANDARD FEATURES
- Fine roll finish, √32 or better
- Plain shaft ends
- TGP steel shaft
- Balanced to G 2.5 at 500 RPM unless otherwise specified
- 3", 4", 5", and 6" roll outside diameters
- Shielded bearings

OPTIONAL FEATURES
- D&T shaft ends, specify tap
- Flats on shaft ends, with radial holes
- Custom roll surface finishes and treatments

AVAILABLE ROLL FACE WIDTHS

<table>
<thead>
<tr>
<th>Diam. (inches)</th>
<th>Roll Face (inches)</th>
<th>18</th>
<th>24</th>
<th>30</th>
<th>36</th>
<th>42</th>
<th>48</th>
<th>54</th>
<th>60</th>
<th>66</th>
<th>72</th>
<th>78</th>
<th>84</th>
<th>90</th>
<th>96</th>
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HOW TO ORDER
You may order by description or by indicating your feature choices in place of the X’s in the product code shown below.

Example: IR4 - 60 - 68 - MF (Roll Face = 60”, Shaft Length = 68”)

IR X - X - X - OPTIONS (Separated by commas)

<table>
<thead>
<tr>
<th>ROLL O.D.</th>
<th>ROLL FACE</th>
<th>SHAFT LENGTH</th>
<th>OPTIONS</th>
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</thead>
<tbody>
<tr>
<td>3</td>
<td>SPECIFY</td>
<td>SPECIFY</td>
<td>D&amp;T = Drill &amp; Tap (Specify)</td>
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<td>4</td>
<td>SPECIFY</td>
<td>See &quot;Determining Shaft Length&quot; on back page</td>
<td>MF = Milled Flats</td>
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<td>5</td>
<td>SPECIFY</td>
<td>See &quot;Determining Shaft Length&quot; on back page</td>
<td>NLB = Non-lubricated bearings</td>
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<td>6</td>
<td>SPECIFY</td>
<td>See &quot;Determining Shaft Length&quot; on back page</td>
<td>OB = Oiled Bearings</td>
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<td>Z = Special (SPR)</td>
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</table>
**DIMENSIONS**

DOUBLE SHIELDED BEARINGS

1/2" NOM. 32

Ø 1.25 (31.75) inches

0.645 (16.38) inches

**DETERMINING SHAFT LENGTH**

Minimum Shaft length is roll face width plus:

- 4 1/2" (115mm) for plain ends
- 1 3/8" (35mm) for D & T ends
- 5" (127mm) for milled flat ends

**MOUNTING ARRANGEMENTS**

B = Shaft length  D = Distance between machine frames

1. Idler is mounted directly between machine frames
   B = D inches

2. Idler is mounted in DFE Model C0 transducers *
   B = D - 5 1/16" (129mm)

3. Idler is mounted in DFE Model C1 transducers *
   B = D - 5 3/8" (137mm)

4. Idler is mounted in DFE Model C2 transducers *
   B = D - 6 3/16 (157mm)

* shaft has plain ends

**NOTE:** Please advise if idler roll(s) will be used in temperature extremes or corrosive environments.