PURPOSE
To centralize the tool string in large diameter tubing and casings.

ASSEMBLY PARTS
1. Fishneck
2. Mandrel
3. Spring
4. Spring Sub
5. Bow Spring
6. Bottom Sub

APPLICATION
Generally ran just above the pulling tool, but some applications may require multiple Centralizers higher in the toolstring.

PRECAUTIONS
After each use, inspect bow springs for cracks and wear.

The mandrels are much lighter than full size toolstring, so excessive jarring should be avoided.

Running through profile nipples will score the seal bore, thus damaging the nipple and plugs will not seal.

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>1.50”</th>
<th>1.75”</th>
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<tbody>
<tr>
<td>Assembly Number</td>
<td>0101C150A010</td>
<td>0101C175A010</td>
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<tr>
<td>Item</td>
<td>Part Name</td>
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</tr>
<tr>
<td>1</td>
<td>Fishneck</td>
<td>0101C15001</td>
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<tr>
<td>2</td>
<td>Mandrel</td>
<td>0101C15002</td>
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<tr>
<td>3</td>
<td>Spring</td>
<td>0101C15003</td>
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<tr>
<td>4</td>
<td>Spring Sub</td>
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<td>5</td>
<td>Bow Spring</td>
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<tr>
<td>6</td>
<td>Bottom Sub</td>
<td>0101C15006</td>
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</table>

Upper Thread Connection
- 0.625” SR
- 0.75” SR

Lower Thread Connection
- 0.625” SR
- 0.75” SR

Max O.D.
- 7”
- 7”

Fishneck size
- 1.188”
- 1.375”

When ordering please specify part name and size. Call us Toll Free: 1-800-438-0061

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