### Assembly Dimensions

<table>
<thead>
<tr>
<th>Bolt Circle DIA. (mm) 'A'</th>
<th>Bolt Distance (mm) 'B'</th>
<th>Anchorage Depth (mm) 'C'</th>
<th>Bolt Dia. (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>242</td>
<td>171</td>
<td>457</td>
<td>22</td>
</tr>
<tr>
<td>406</td>
<td>287</td>
<td>457</td>
<td>32</td>
</tr>
</tbody>
</table>

### INSTRUCTIONS:

1. **DO NOT REMOVE STUDS FROM THREADED FERRULES.**
2. **PLACE ANCHORAGE IN FOOTING WITH WOOD TEMPLATE OVER FORMWORK.**
3. **TIE ANCHORAGE TO STEEL IN FOOTING.**
4. **TIE ANCHORAGE TO DUCTS.**
5. **ADJUST FOR LEVEL USING A CARPENTER'S LEVEL SEVERAL WAYS ON THE TEMPLATE.**
6. **SECURE IN THE LEVEL POSITION PRIOR TO POURING CONCRETE TO THE TOP OF THE FORMWORK.**
7. **REMOVE WOOD TEMPLATE AND FINISH CONCRETE ON TOP OF FOOTING AS SOON AS CONCRETE HAS AN INITIAL SET, REPLACE TEMPLATE AND PLACE BOLTS FULLY TO THREADED FERRULES (HAND TIGHT).**

### NOTES:

1. **ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.**
2. **FOR CONCRETE FOOTING DETAILS, SEE BSD TS-1B.**
3. **J STRUTS NOT REQUIRED IN ASSEMBLY WITH BOLT CIRCLE DIAMETER LESS THAN 406mm.**
4. **BOLTS SHALL BE FACTORY SET IN FERRULE, HAND TIGHTENED WITH ANTI-SEIZE COMPOUND.**
5. **PLYWOOD TEMPLATE WITH INSTRUCTION STICKER TO BE PROVIDED FOR ACCURATE SETTING OF THE ANCHORAGE ASSEMBLY.**
6. **PLUG HOLES IN FERRULE TO KEEP THREADS CLEAN FROM CONCRETE.**

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**ANCHORAGE ASSEMBLY**

**BSD-TS-1A**

**Barrie**

**STANDARD DETAIL**

**REV No. DATE: FEB 2022**

**SCALE: N.T.S.**