DYWIDAG THREADBAR® Anchors
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**Key Features**
- Threadbars with proven coarse DYWIDAG thread along the entire length. Bar length can be adjusted on site without any problems.
- Variable anchor head and angle compensation designs.
- Easy handling, tensioning, retensioning or detensioning.
- Can be utilized for fully or partially removable anchors.
- Can be supplied with Double Corrosion Protection (DCP) for permanent applications.

**Fields of Application**
- Excavations
- Tiebacks
- Rock and slope stabilization
- Tiedown Anchors

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**DYWIDAG THREADBAR® Anchor – Temporary**

![Diagram of a temporary anchor with parts labeled](image)

**DYWIDAG THREADBAR® Anchor – Permanent (DCP)**

![Diagram of a permanent anchor with parts labeled](image)
DYWIDAG THREADBAR® Anchors

GRADE 150 DYWIDAG THREADBAR® – Prestressing Steel per ASTM A722

<table>
<thead>
<tr>
<th>THREADBAR® Designation</th>
<th>Maximum THREADBAR® Diameter</th>
<th>Minimum Ultimate Tensile Strength (f_u)</th>
<th>Nominal Cross Section Area (A_s)</th>
<th>Minimum Ultimate Tensile Load (f_u * A_s)</th>
<th>Nominal Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>[in] [mm]</td>
<td>[in] [mm]</td>
<td>[ksi] [MPa]</td>
<td>[in²] [mm²]</td>
<td>[kips] [kN]</td>
<td>[lbs/ft] [kg/m]</td>
</tr>
<tr>
<td>1</td>
<td>26</td>
<td>1.252 [32]</td>
<td>0.85 [548]</td>
<td>127.5 [567]</td>
<td>3.01 [4.48]</td>
</tr>
<tr>
<td>1 ⅜</td>
<td>36</td>
<td>1.630 [41]</td>
<td>1.58 [1,019]</td>
<td>237.0 [1,054]</td>
<td>5.56 [8.27]</td>
</tr>
<tr>
<td>1 ¾</td>
<td>46</td>
<td>2.008 [51]</td>
<td>2.58 [1,665]</td>
<td>387.0 [1,721]</td>
<td>9.37 [13.94]</td>
</tr>
<tr>
<td>2 ½</td>
<td>65</td>
<td>2.790 [71]</td>
<td>5.16 [3,329]</td>
<td>774.0 [3,443]</td>
<td>18.20 [27.08]</td>
</tr>
</tbody>
</table>

Note: Maximum allowable temporary test tension is 80% of minimum ultimate tensile load. Mill lengths are 60 ft for 1", 1 ¼", 1 ⅜" and 1 ¾" and 45 ft for 2 ¼", 2 ½" and 3" bars.

* Threadbar size not listed in the ASTM A 722 but its strength is in conformance with this standard.

WARNING: DO NOT WELD on or near A722 prestressing bars or their anchorages.

**DYWIDAG THREADBAR® Anchor – Partially Removable**

**DYWIDAG THREADBAR® Anchor – Fully Removable**
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