Features:

- Fastens the traction motor link assembly. (Also known as a “dog-bone”.)
- Non-loosening/vibration resistant system.
- TC bolt guarantees clamp load is achieved.
- Simple, one-man installation.
- Easy visual inspection.
- No heavy installation equipment needed.
- Suitable for EMD SD70 and SD75 locomotives only.
- Replaces EMD parts 40034492 & 40034493.

Description:

**DuoCam Nut**

- 1” Nominal Diameter
- Grade 8 Steel (DIN Class 10)

**Tension Control Bolt**

- 1” Nominal Thread Diameter
- ASTM Grade A325 (Gr 5) or A490 (Gr 8)
- Spline shears-off at designed tension.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>DC0108-3A</td>
<td>1”- 8 DuoCam Nut, Non Serrated</td>
</tr>
<tr>
<td>DCAM-8B</td>
<td>1” x 6-1/2” TC Bolt, Button Head, A325</td>
</tr>
</tbody>
</table>

For more information, contact Ronsco Inc. Tel: (514) 866-1033
How DuoCam Works:

Once installed, the DuoCam nut will not loosen. Cam angle $\beta$ is greater than Thread pitch angle $\alpha$, and as a result the relationship between the two angles produce a wedge action which prevents loosening. Due to the difference of these angles, the nut is automatically locked.

Installation:

**S90EZ Shear Wrench**

- Heavy duty, electric wrench
- Light weight (only 16.7 lbs).
- Very easy to use, one man installation.
- No calibration required.
- Little tool maintenance required.
- Shears off bolt spline at designed tension.
- Includes DuoCam socket (special design).

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