



*Patent Pending*

## TRACTION MOTOR GEAR CASE

### Features:

- Non-loosening/vibration resistant system.
- TC bolt guarantees clamp load is achieved every time.
- Simple, one-man installation.
- Easy visual inspection.
- Proven track record with CNIC, CP, Alstom, GO Transit, and more.
- Replaces Huck and other OEM standard gear case fasteners.



### Description:



#### **DuoCam Nut**

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

#### **Tension Control Bolt**

- › 1" Nominal Thread Diameter
- › ASTM Steel Grade A325
- › Spline shears-off at designed tension.

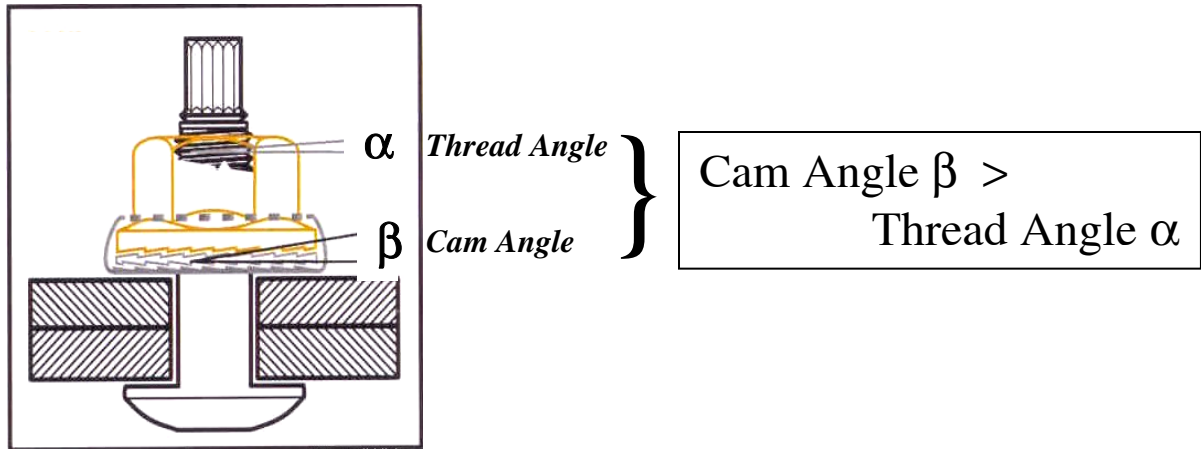
Part Number	Description
DC0108-3A	1"- 8 DuoCam Nut, Non Serrated
DCAM-8B	1" x 6-1/2" TC Bolt, Button Head, A325
*DCAM-8C	1" x 7-1/2" TC Bolt, Button Head, A325

\* Note: SD50 locomotives require 7-1/2" TC bolt (6" grip length).

## How DuoCam Works:

DC01

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

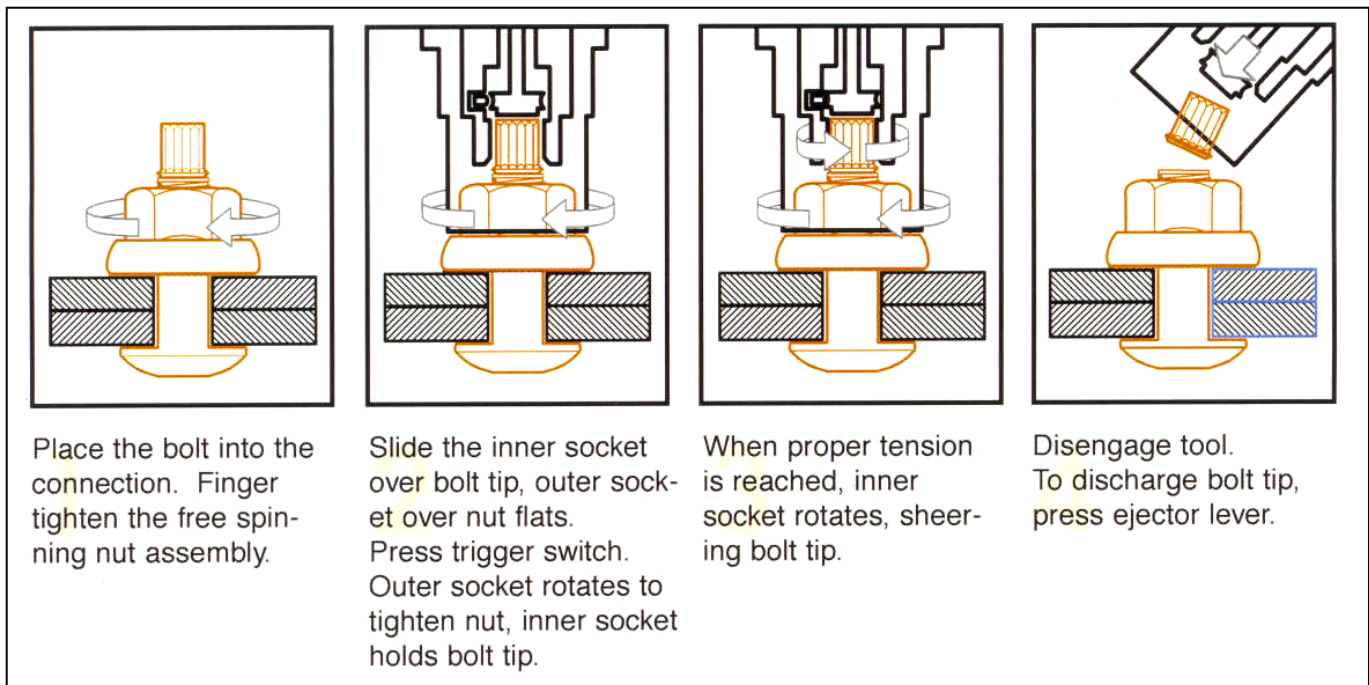


## Installation:

### 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).



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