

# Camtainer® Nut & Bolt System

For Truck Trailer Assemblies, including FRP/GRP Materials

Camtainer® fasteners are designed to improve assembly of truck trailers. These high strength, removeable nuts and bolts provide positive sealing for protection against corrosion and leakage. They can be installed by a single operator using simple, low cost tools. The TORX® Drive System on the nuts is engineered to provide high torque transfer, minimize end load and extend drive bit life.

## Specifications

- Sizes: 5/16" and M6
- Drive System: TORX® Drive
- Material: Low carbon steel
- Heat treat: Through hardened
- Plating: JS 600 (high-corrosion resistant plating)
- Yellow adhesive on threads
- Salt Spray Resistance: 500 hour min

## Features & Benefits

- Low-profile steel head
- Extended grip range
- Positive high torque and excellent structural strength
- One-person installation
- Resists loosening from vibration and expansion/contraction
- Tamper-resistant design
- ROHS compliant

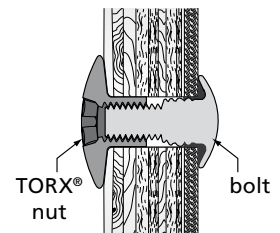
## Hardening & Performance Data

Diameter	5/16"	M6
Classification	Grade 5.1	Class P.C. 8.81
Core	RC 28-38	RC28-34
Tensile min.	120,000 psi	830 MPa
Proof min.	85,000 psi	600 MPa



## Installation

1. Drill or punch hole to proper size  
5/16: .406" or 13/32  
M6: .368 or Letter U
2. Insert bolt into hole using non-metallic hammer
3. Assemble nut on inside of trailer
4. Tighten nut to suggested seating torque  
5/16: 150 - 175 lbs/in  
M6: 100 - 125 lbs/in



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## Bolts

Description	Part No.	Quantity/Carton	Head Dia. max. – min.
M6 – 1.00 x 15.49	395-8153-00	2,000	18.49 - 17.17 mm
M6 – 1.00 x 18.67	395-8151-00	1,500	
M6 – 1.00 x 25.02	883-60720-297	1,500	
5/16 – 18 x 5/8	395-8138-00	1,000	.910 - .875 in.
5/16 – 18 x 3/4	395-8160-00	1,000	
5/16 – 18 x 7/8	395-8149-00	1,000	
5/16 – 18 x 1	395-8156-00	1,000	
5/16 – 18 x 1-1/4	395-8146-00	800	
5/16 – 18 x 1.437	395-8154-00	800	

## Drive Flanged T-Nuts

Description	Part No.	Quantity/Carton	Head Dia. max. – min.
M6 – 1.0 x 8.00	396-8009-00	2,000	22.50 - 22.00 mm
M6 – 1.0 x 9.52	396-8008-00	1,500	
M6 – 1.0 x 12.70	396-8004-00	1,500	
5/16 – 18 x .375	396-8006-00	1,500	1.010 - .990 in.
5/16 – 18 x 1/2 (1" O.D.)	396-8002-00	1,000	1.010 - .990 in.
5/16 – 18 x 1/2 (.618" O.D.)	396-8005-00	1,000	.620 - .610 in.
5/16 – 18 x 5/8	396-8003-00	1,000	1.010 - .990 in.
5/16 – 18 x 1	396-8011-00	1,000	1.010 - .990 in.

## Grip Ranges

Dia.	Min. Grip (in.)	Max. Grip (in.)	Nut No.	Bolt No.
5/16"	.695	.744	396-8006-00	395-8138-00
	.820	.869	396-8002-00	
	.820	.869	396-8005-00	
	.935	.984	396-8003-00	
	1.320	1.369	396-8011-00	
	.720	.814	396-8006-00	395-8160-00
	.820	.939	396-8002-00	
	.820	.939	396-8005-00	
	.935	1.054	396-8003-00	
	1.320	1.439	396-8011-00	
	.845	.939	396-8006-00	395-8149-00
	.845	.939	396-8002-00	
	.845	1.054	396-8005-00	
	.935	1.179	396-8003-00	
	1.320	1.564	396-8011-00	
	.970	1.064	396-8006-00	395-8156-00
	.970	1.189	396-8002-00	
	.970	1.189	396-8005-00	
	.970	1.304	396-8003-00	
	1.320	1.689	396-8011-00	

Dia.	Min. Grip (in.)	Max. Grip (in.)	Nut No.	Bolt No.
5/16"	1.220	1.314	396-8006-00	395-8146-00
	1.220	1.439	396-8002-00	
	1.220	1.439	396-8005-00	
	1.220	1.554	396-8003-00	
	1.320	1.939	396-8011-00	
	1.401	1.495	396-8006-00	395-8154-00
	1.401	1.620	396-8002-00	
	1.401	1.620	396-8005-00	
	1.401	1.735	396-8003-00	
	1.401*	2.120	396-8011-00	

\* less than three thread pitches engaged

Dia.	Min. Grip (mm)	Max. Grip (mm)	Nut No.	Bolt No.
M6	15.11	17.81	396-8009-00	395-8153-00
	16.63	19.31	396-8008-00	
	19.93	22.61	396-8004-00	
	18.29	20.99	396-8009-00	395-8151-00
	18.29	22.49	396-8008-00	
	19.93	25.79	396-8004-00	

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Engineered Fastening

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