



mettec.com
(775) 246-8200

TITANIUM

WORTH OUR WEIGHT IN SPEED
47% LIGHTER THAN STEEL

FEATURING: NYLOCK NUTS, HEX FLANGE BOLTS, & KITS

FULL CHASSIS TITANIUM BOLT KITS AVAILABLE UPON REQUEST

NYLOCK NUTS & HEX FLANGE BOLTS

Inch Thread Nylock Hex Nuts- Thin Shear Nut		Inch Thread Nylock Hex Lock Nuts- Standard Full Height	
Part Number	Description	Part Number	Description
364T1032A	10-32, Titanium Hex Nylock Lock Nut	365T420A	1/4-20, Titanium Hex Nylock Lock Nut
364T428A	1/4-28, Titanium Hex Nylock Lock Nut	365T428A	1/4-28, Titanium Hex Nylock Lock Nut
364T524A	5/16-24, Titanium Hex Nylock Lock Nut	365T518A	5/16-18, Titanium Hex Nylock Lock Nut
364T624A	3/8-24, Titanium Hex Nylock Lock Nut	365T524A	5/16-24, Titanium Hex Nylock Lock Nut
364T720A	7/16-20, Titanium Hex Nylock Lock Nut	365T616A	3/8-16, Titanium Hex Nylock Lock Nut
364T820A	1/2-20, Titanium Hex Nylock Lock Nut	365T624A	3/8-24, Titanium Hex Nylock Lock Nut
364T1018A	5/8-18, Titanium Hex Nylock Lock Nut	365T720A	7/16-20, Titanium Hex Nylock Lock Nut
364T1216A	3/4-16, Titanium Hex Nylock Lock Nut	365T813A	1/2-13, Titanium Hex Nylock Lock Nut
		365T820A	1/2-20, Titanium Hex Nylock Lock Nut
		365T1018A	5/8-18, Titanium Hex Nylock Lock Nut
		365T1216A	3/4-16, Titanium Hex Nylock Lock Nut



1/2" Inch Hex Flange Bolts with Small 9/16 Hex Wrench Size

Part Number	Description
T4NF5001250F	Hex Flange 1/2-20 x 1 1/4" with 9/16 Hex Wrench Head, T/L= 1"
T4NF5001250FS	Hex Flange 1/2-20 x 1 1/4" with 9/16 Hex Wrench Head, T/L= .437"
T4NF5001375FS	Hex Flange 1/2-20 x 1 3/8" with 9/16 Hex Wrench Head, T/L= .437"
T4NF5001500F	Hex Flange 1/2-20 x 1 1/2" with 9/16 Hex Wrench Head, T/L= 1"
T4NF5001625F	Hex Flange 1/2-20 x 1 5/8" with 9/16 Hex Wrench Head, T/L= 1.250"
T4NF5001750F	Hex Flange 1/2-20 x 1 3/4" with 9/16 Hex Wrench Head, T/L= 1.250"
T4NF5001875F	Hex Flange 1/2-20 x 1 7/8" with 9/16 Hex Wrench Head, T/L= 1.250"
T4NF5002000F	Hex Flange 1/2-20 x 2" with 9/16 Hex Wrench Head, T/L= 1.250"
T4NF5002250F	Hex Flange 1/2-20 x 2 1/4" with 9/16 Hex Wrench Head, T/L= 1.250"
T4NF5002500F	Hex Flange 1/2-20 x 2 1/2" with 9/16 Hex Wrench Head, T/L= 1.250"
T4NF5002750F	Hex Flange 1/2-20 x 2 3/4" with 9/16 Hex Wrench Head, T/L= 1.250"
T4NF5003500F	Hex Flange 1/2-20 x 3 1/4" with 9/16 Hex Wrench Head, T/L= 1.250"
T4NF5003750F	Hex Flange 1/2-20 x 3 3/4" with 9/16 Hex Wrench Head, T/L= 1.250"
T4NF5004500F	Hex Flange 1/2-20 x 4 1/2" with 9/16 Hex Wrench Head, T/L= 1.250"



METTEC KITS

Titanium Radius Rod & Panhard Bar Stud Kit for Thru Bungs

Mettec Titanium 6/4 studs have forged hex and rolled threads for better fatigue strength. Six Radius Rod and Front Panhard Rod thru studs for frames with thru bungs. Three 1/2-20 hex head bolts for the front axle radius rods to front axle, plus 15pcs steel nylock nuts.

Qty	Part Number	Description
6	TD501-213	Titanium One Nut Stud Lng = 2.125"
3	T4NF5001250S	Titanium Hex Dimple 1/2-20 x 1-1/4" Bolt, T/L = 3/8"
15	ST364-820G5	Steel Grade 5, 1/2-20 Nylock Nut - Shear

Titanium One Nut Drag Link & Tie Rod Stud Kit

Mettec Titanium 6/4 studs have forged hex and rolled threads for better fatigue strength. Six Radius Rod and Front Panhard Rod thru studs for frames with thru bungs. Three 1/2-20 hex head bolts for the front axle radius rods to front axle, plus 15pcs steel nylock nuts.

Qty	Part Number	Description
4	TD502	Titanium One Nut Stud for Drag Link and Tie Rod
8	ST364-820G5	Steel Grade 5, 1/2-20 Nylock Nut - Shear

Titanium Radius Rod & Panhard Bar Stud Kit for Thru Bungs

Mettec Titanium 6/4 studs have forged hex and rolled threads for better fatigue strength. Six Radius Rod and Front Panhard Rod thru studs for frames with thru bungs. Three 1/2-20 hex head bolts for the front axle radius rods to front axle, plus 15pcs steel nylock nuts.

Qty	Part Number	Description
2	TD501-750	Titanium One Nut Stud Screw In Lng = .875"
2	TD501-275	Titanium One Nut Stud Lng = 2.750"
2	TD501-213	Titanium One Nut Stud Lng = 2.125"
2	TD503	Titanium One Nut Stud for Lower Rear Shocks
14	ST364-820G5	Steel Grade 5, 1/2-20 Nylock Nut - Shear

Titanium Radius Rod & Panhard Q-Pin Thru Bungs Kit

Mettec Titanium 6/4 studs have forged hex and rolled threads for better fatigue strength. Six Radius Rod and Front Panhard Rod thru studs for frames with thru bungs. Three 1/2-20 hex head bolts for the front axle radius rods to front axle, plus 9pcs steel nylock nuts.

Qty	Part Number	Description
6	TD511-213	Titanium Q-Pin Stud Screw In Lng = 2.125"
3	T4NF5001250S	Titanium Hex Dimple 1/2-20 x 1-1/4" Bolt, T/L = 3/8"
6	ALWASH500750	Alum Spacer Washer .200" Thick
6	COTTERRUE500	Cotter Rue 1/2"
9	ST364-820G5	Steel Grade 5, 1/2-20 Nylock Nut - Shear

Titanium Q-Pin Shock Stud Kits for Frames with Thru Bungs

This Q-Pin Shock Kit is for frames with thru hole frame bungs. Mettec Titanium 6/4 studs have forged hex and rolled threads for better fatigue strength. 2pcs for Top Front Shocks, 2pcs for Lower Front Shocks, 2pcs for Top Rear Shocks, 2pcs for Bottom Rear Shocks to arms. Plus 10pcs steel nylock nuts.

Qty	Part Number	Description
2	TD511-275	Titanium Q-Pin Stud Screw In Lng = 2.750"
2	TD511-213	Titanium Q-Pin Stud Screw In Lng = 2.125"
2	TD513	Titanium Q-Pin Stud for Lower Rear Shocks
8	ALWASH500750	Alum Spacer Washer .200" Thick
8	COTTERRUE500	Cotter Rue 1/2"
8	ST364-820G5	Steel Grade 5, 1/2-20 Nylock Nut - Shear

Titanium Shock Pin Stud Kit with Screw In Bungs

Mettec Titanium 6/4 studs have forged hex and rolled threads for better fatigue strength. This kit is for frames with 1/2-20 threaded bungs. 2pcs for Top Front Shocks, 2pcs for Lower Front Shocks with Screw in Bungs on Lower Axle, 2pcs for Top Rear Shocks, 2pcs for Bottom Rear Shocks to Arms. Plus 10pcs steel nylock nuts.

Qty	Part Number	Description
6	TD511-750	Titanium Q-Pin Stud Screw In Lng = .875"
2	TD513	Titanium Q-Pin Stud for Lower Rear Shocks
8	ALWASH500750	Alum Spacer Washer .200" Thick
8	COTTERRUE500	Cotter Rue 1/2"
10	ST364-820G5	Steel Grade 5, 1/2-20 Nylock Nut - Shear

Titanium Jacobs Ladder Pins and Strap Kit with 1/2" Heim Pin

Jacobs Ladder Pins and Strap Bolts with Nuts and Washers. This kit is for Ladders using the 1/2" Pin to Birdcage.

Qty	Part Number	Description
2	TD515ALONG	Titanium Long 3/8" x 3.7" Q-Pin
1	TD520BSHORT	Titanium Short 1/2" x 1.3" Q-Pin
2	COTTERRUE375	Quick Cotter Pins 3/8"
1	COTTERRUE500	Quick Cotter Pins 1/2"
2	HIL375NF1855	Titanium Hi-Lok Bolt 3/8-24 x 1.855"
4	AN960-616	Steel Flat Washer 3/8 x .032"
2	MS21042L6	Steel Moly Coated Hex Flange Jet Nut 3/8-24

Titanium Fuel Tank Top Plate Bolt Kit- Button Heads

Titanium Top Fuel Tank Plate Button Head and Washer Kit. Rounded Button Head Bolts give a clean smooth finish to the tank top plate. Includes 12pcs 1/4-28 x 7/8" bolts with AN Thin Steel Washers.

Description	Part Number	Qty
1/4-28 x 7/8" Button Head	T4DNF2500875	12
AN Flat Washer .032" Thick	AN960-416L	12

Titanium Nerfs and Bumpers Kit

Titanium Nerf Bar and Bumper Kit included 12pcs 3/16 x 1-1/2 Hex Head Bolts and Steel Nylock Nuts.

Qty	Part Number	Description
12	T410321500	Ti Hex Bolts 3/16 x 1-1/2"
12	364-1032A	3/16 Steel Nylock Nuts

Titanium Torsion Stop Adjuster Bolts and Nut Kits

Mettec Titanium Stop Adjuster Bolts have rolled threads and a bullet nose machined on the tip to help make maintenance easier. Mettec recommends servicing torsion stops by cleaning and greasing threads to keep threads free running in stops. Titanium Jam Nut is the same wrench size as the hex on bolt, so only need to carry one size wrench to adjust torsion bars.

Description	Part Number	Qty
Ti 7/16-20 x 2" Bullet Nose with a 9/16" Hex Wrench Head	ADJNFA437SMB	4
Ti 7/16-20 Hex Jam Nut with 9/16" Hex Wrench Size	JAMNUT437-20TI563	4

Titanium Torsion Stop Adjuster Bolts and Nut Kits

Mettec Titanium Stop Adjuster Bolts have rolled threads and a bullet nose machined on the tip to help make maintenance easier. Mettec recommends servicing torsion stops by cleaning and greasing threads to keep threads free running in stops. Titanium Jam Nut is the same wrench size as the hex on bolt, so only need to carry one size wrench to adjust torsion bars.

Description	Part Number	Qty
Ti 3/8-16 x 2" Bullet Nose with a 9/16" Hex Wrench Head	ADJNC3752000	4
Ti 3/8-16 Hex Jam Nut with a 9/16" Hex Wrench Size	JAMNUT375-16TI	4

Titanium Torsion Stop Adjuster Bolts and Nut Kits

Mettec Titanium Stop Adjuster Bolts have rolled threads and a bullet nose machined on the tip to help make maintenance easier. Mettec recommends servicing torsion stops by cleaning and greasing threads to keep threads free running in stops. Titanium Jam Nut is the same wrench size as the hex on bolt, so only need to carry one size wrench to adjust torsion bars.

Qty	Part Number	Description
4	ADJNFA437SMB	Ti 3/8-24 x 2" Bullet Nose with a 9/16" Hex Wrench Head
4	JAMNUT375-24TI	Ti 3/8-24 Hex Jam Nut with a 9/16" Hex Wrench Size

Ti Front Hub, Flush Head (CSK) 3/8" Bolt and Hex Flange Nut Kit

Titanium Wide Five Front Hub Bolt Kit. This kit is for one hub and includes 5pc Ti Forged Flush (Counter Sink) Head 3/8-16x 1-3/8" with a Bullet Nose, and 5pcs Titanium Hex Flange Nuts.

Qty	Part Number	Description
5	T4FNC3751250	Ti Flush Head CS Head 3/8-16 x 1-1/4" with Bullet Nose
5	NUTHF375-16	Titanium Hex Flange Nut 3/8-16 with 9/16" Hex

Titanium Header Stud & Nut Kit

Mettec titanium header studs have rolled threads and have a 5/32" hex key broached in the end for easy installation. Kit includes 14pcs studs and 14pcs moly coated hex flange nuts.

Description	Part Number	Qty
Stud 3/8-16 x 3/8-24 x 1.200" with 5/32 allen key	STUD375x1200	14
Jet Nut 3/8-24 Moly Coated	MS20142L6	14

Titanium Torsion Arms and Pitman Arm Pinch Bolt Kits

Mettec offer two strength levels of bolts. Non-Heat Treated bolts are Min UTS 140,000psi and Heat Treated are Min UTS 160,000psi. We feel the heat treated high strength bolt performance is better and has stronger threads to reduce galling. Mettec bolts have forged heads and rolled threads. Kit includes the torsion arm bolts and the pitman arm pinch bolt.

Qty	Part Number	Description
5	T6NF03751875	Titanium Min UTS 160,000psi Hex Dimple 3/8-24 x 1-7/8"

Titanium Torsion Arms and Pitman Arm Pinch Bolt Kits

Mettec offer two strength levels of bolts. Non-Heat Treated bolts are Min UTS 140,000psi and Heat Treated are Min UTS 160,000psi. We feel the heat treated high strength bolt performance is better and has stronger threads to reduce galling. Mettec bolts have forged heads and rolled threads. Kit includes the torsion arm bolts and the pitman arm pinch bolt.

Description	Part Number	Qty
Titanium Min UTS 140,000psi Hex Dimple 3/8-24 x 1-7/8"	T4NF03751875	5

Titanium Radius Rod One Nut Stud Kit for Thru Bungs

Titanium One Nut Stud kit is for frames with thru hole bungs in frame and uses a half nut on back side of bung. Kit includes 6 studs and 12pcs steel nylock nuts.

Qty	Part Number	Description
6	TD501-213	Titanium One Nut Stud TD501-213
12	ST364-820G5	Steel Grade 5, 1/2-20 Nylock Nut - Shear

Titanium Radius Rod to Frame 1/2" Bolt Kit

Kit includes 6pcs 1/2-20 x 2-3/4" Hex Head Bolts and Nylock Nuts. Forged Hex Head and Rolled Threads. Min UTS 140,000psi.

Description	Part Number	Qty
Titanium Hex Dimple Head 1/2-20 X2 3/4"	T4NF05002750	6
Steel Grade 5, 1/2-20 Nylock Nut - Shear	ST364-820G5	6

Titanium Bead Lock Bolt and Washer Kits

Mettec manufactures two different strength bead lock bolts. Mettec T4 are rated to Min UTS 140,000psi (Stronger than Grade 5 Steel Bolt) and Mettec T6 is rated to Min UTS 160,000psi (Stronger than Grade 8 Steel Bolt). Both have forged heads and rolled threads for increased fatigue strength.

Description	Part Number	Qty
Titanium 6/4, 5/16-18 x 1-1/4" at Min UTS 140,000psi	T4NC03121250	16
*Steel Thin Washer .032" Thick	AN960-516L	16

Titanium Bead Lock Bolt and Washer Kits

Mettec manufactures two different strength bead lock bolts. Mettec T4 are rated to Min UTS 140,000psi (Stronger than Grade 5 Steel Bolt) and Mettec T6 is rated to Min UTS 160,000psi (Stronger than Grade 8 Steel Bolt). Both have forged heads and rolled threads for increased fatigue strength.

Description	Part Number	Qty
Titanium 6/4, 5/16-18 x 1" at Min UTS 140,000psi	T4NC03121000	16
Steel Thin Washer .032" Thick	AN960-516L	16

Titanium Bead Lock Bolt and Washer Kits

Mettec manufactures two different strength bead lock bolts. Mettec T4 are rated to Min UTS 140,000psi (Stronger than Grade 5 Steel Bolt) and Mettec T6 is rated to Min UTS 160,000psi (Stronger than Grade 8 Steel Bolt). Both have forged heads and rolled threads for increased fatigue strength.

Qty	Part Number	Description
16	T6NC03121000	Titanium 6/4, 5/16-18 x 1" at Min UTS 160,000psi
16	AN960-516L	Steel Thin Washer .032" Thick

U-Joint 12pt Flanged Head - Heat Treated to Min UTS 160,000psi

Mettec U-Joint bolts are heat treated to Min UTS 160,000psi. We feel the durability of the a heat treated titanium fastener with a forged head and rolled threads is far superior to a machine bolt. For safety of the driver Mettec heat treated fasteners have a proven performance record for over 23 years.

Description	Part Number	Qty
Ti Heat Treated 12pt Flanged 7/16-20 x 1" Min UTS 160Ksi	T6NF4370875F	4

U-Joint 12pt Flanged Head - Heat Treated to Min UTS 160,000psi

Mettec U-Joint bolts are heat treated to Min UTS 160,000psi. We feel the durability of the a heat treated titanium fastener with a forged head and rolled threads is far superior to a machine bolt. For safety of the driver Mettec heat treated fasteners have a proven performance record for over 23 years.

Qty	Part Number	Description
4	T6NF4371000F	Ti Heat Treated 12pt Flanged 7/16-20 x 1" Min UTS 160Ksi

Titanium Motor Plate and Engine Bolt Kits for Raised Top Tube

Both Kits include bolts and nuts for Front and Rear Plates to Frame and Engine. Kit p/n KT542 is for frames with the top two 3/8" bolts going thru frame top tube to top of motor. Kit p/n KT542A is for "Raised Top Tube" for frames with tabs for upper motor plate to allow for top tube to clear cam drives on back of motor.

Qty	Part Number	Description
4	T4NF03752500	Titanium Hex Dimple 3/8-24 x 2-1/2"
2	T4NC03751250	Titanium Hex Dimple 3/8-24 x 1-1/4"
2	T4NF03751000	Titanium Hex Dimple 3/8-24 x 1" for Front Plate
2	364T624A	Titanium 3/8-24 Nylock Nut - Shear
8	T4NC03751000	Titanium Hex 3/8-16 x 1"

Titanium Radius Rod & Panhard Bar Stud Kit for Threaded Bungs

Mettec Titanium 6/4 studs have forged hex and rolled threads for better fatigue strength. Six screw in studs for Radius Rod and Front Panhard Rod to 1/2-20 threaded frame bungs. Three 1/2-20 hex head bolts for the front axle radius rods to front axle, plus 15pcs steel nylock nuts.

Description	Part Number	Qty
Titanium One Nut Stud Screw In Lng = .875"	TD501-750	6
Titanium Hex Dimple 1/2-20 x 1-1/4" Bolt, T/L = 3/8"	T4NF5001250S	3
Steel Grade 5, 1/2-20 Nylock Nut - Shear	ST364-820G5	9

Titanium One Nut Shock Pin Stud Kit for Thru Stud Bungs

Mettec Titanium 6/4 studs have forged hex and rolled threads for better fatigue strength. Six screw in studs for Radius Rod and Front Panhard Rod to threaded frame bungs. Three 1/2-20 hex head bolts for the front axle radius rods to front axle, plus 15pcs steel nylock nuts.

Description	Part Number	Qty
-------------	-------------	-----