



OEM & CUSTOM FASTENERS

- 2025 -
PRODUCT
CATALOG



www.optitorque.com

1413 GASKET

CRUSHERS

**DELIVERING OVER 1,000,000 POUNDS
OF COMBINED CLAMP LOAD.**

**Now Available For All
24 Valve Cummins
Platforms**

**No Cylinder Head
Modifications
Required**

**No Major Rocker
Box or Valve Cover
Clearancing Required**

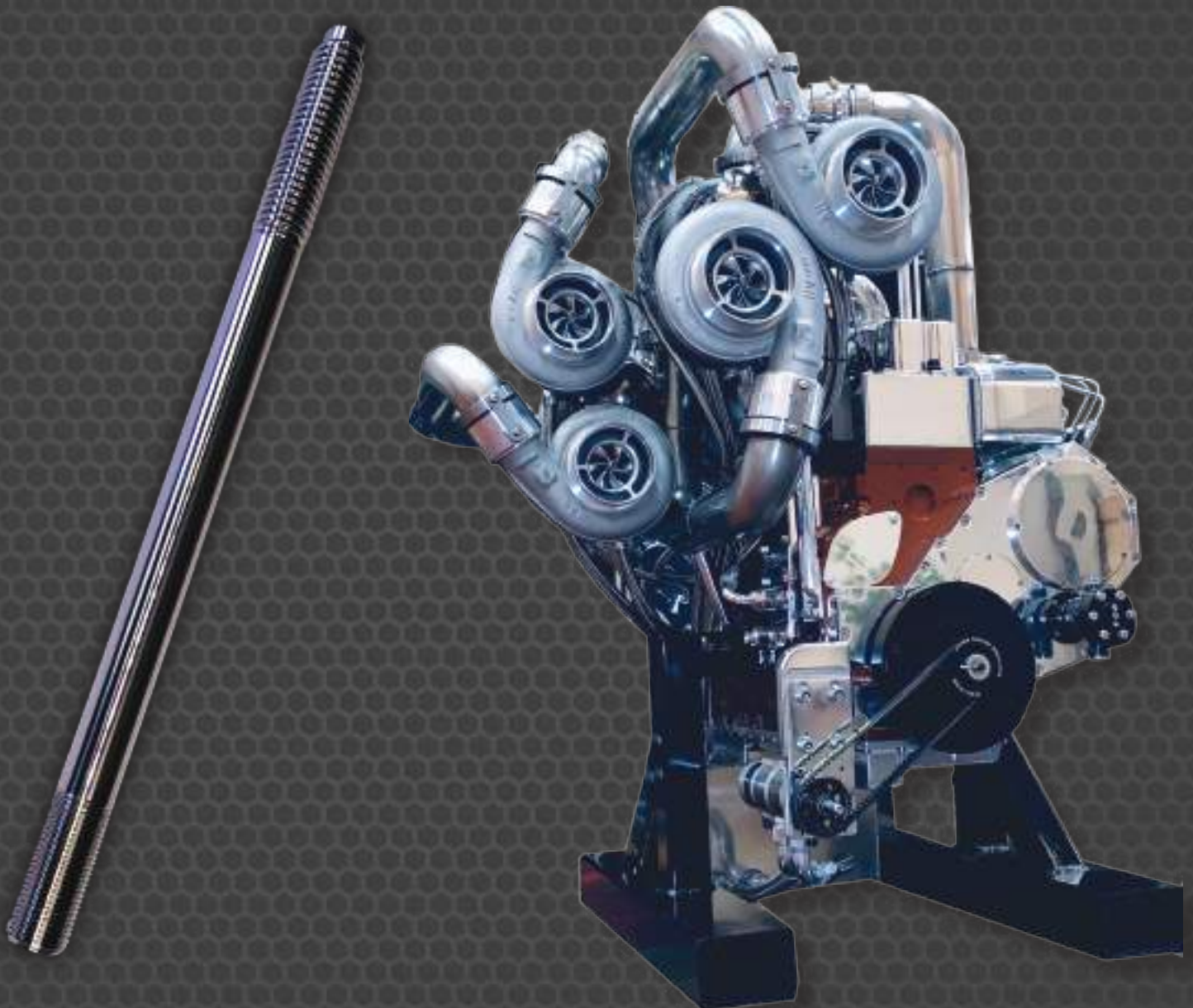


TABLE OF CONTENTS

OEM + Custom Fasteners For Your Specific Needs



ABOUT OPTITORQUE	4
MATERIAL SPECIFICATIONS	5
AUTOMOTIVE ENGINE / POWERTRAIN	6
BMW	6
CHEVROLET SMALL BLOCK.....	9
CHEVROLET BIG BLOCK	14
CHEVROLET DART	18
CHEVROLET LS.....	19
CHEVROLET LT	21
CHRYSLER.....	23
FORD	27
FORD BIG BLOCK	33
HONDA	36
MAZDA.....	39
MCLAREN.....	39
MITSUBISHI.....	40
NISSAN.....	43
PONTIAC.....	46
SUBARU.....	47
TOYOTA.....	48
VOLKSWAGEN/AUDI.....	50
UNIVERSAL COMPONENTS.....	52
DIESEL	54
CAT	54
CUMMINS	57
DURAMAX	62
IH / NAVISTAR.....	66
JEEP	68
POWER STROKE	69
RV & POWERSPORTS	73
BULK / GENERAL HARDWARE	74
CARBURETOR STUDS.....	74
STAINLESS ACCESSORY STUDS	74
TURBO STUDS	74
BULK NUTS	75
BULK WASHERS	80
STUDS.....	88
STAINLESS ACCESSORY HARDWARE.....	91
BOLTS	92
PART NUMBER DESCRIPTIONS	93
CUSTOM BOLT ORDER FORM	129
CUSTOM STUD ORDER FORM	130



ABOUT OPTITORQUE

OEM + Custom Fasteners For Your Specific Needs

DELIVERING A NEW STANDARD

We design, engineer, and manufacture fastening products for a broad spectrum of high-demand industries. From standard OEM to custom-made solutions, you can depend on the strength, reliability, and precision of our fasteners.

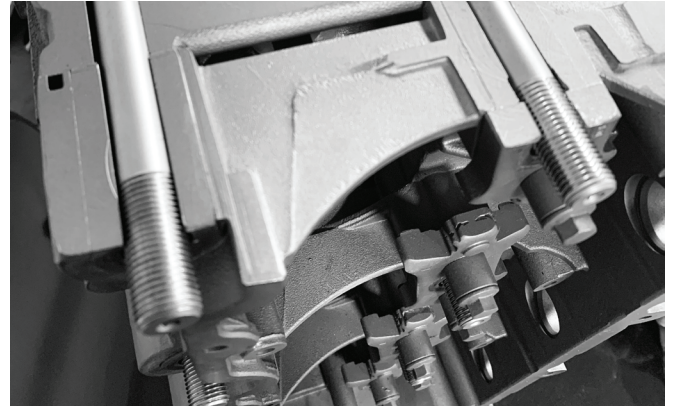


Our passion for innovation, modern manufacturing methods, attention to detail, commitment to quality, and customer satisfaction have become the cornerstones of our company's success.

With specialized and dedicated equipment, we are able to accommodate short runs, rapid prototype production, private labeling, and fast turnaround regardless of quantity demands.

Coupled with an experienced staff, we are not only able to embrace emerging technologies, but also fabricate replacement fastener parts for custom and standard OEM uses.

As technology continues to improve, performance demands continue to grow, and OptiTorque has the equipment, personnel, and engineering know-how it takes to make sure your components can be pushed to their highest level.





MATERIAL

<u>Alloys:</u>	<u>KSI:</u>
Patriot (8740)	180 - 220
TorqueMaster (HSLA)	190 - 240
MP35N	240 - 280
Tool Steel H11	220 - 260
Double Vac Melt Custom Age.	260 - 300
Stainless Steel - Aged (630)	180
Aermet 340.	340
Titanium.	180

OptiTorque's multiple grades of material insure each customer has a solution for a variety of applications.

Studs and bolts are produced from the finest quality domestically melted premium steels. The over sized steel bars are further cold worked to increase mechanical properties and remove any surface impurities.

Our fasteners are heat treated with a proprietary process, unique from the automotive, commercial, and aerospace industries allowing each fastener the ability to achieve higher tensile strengths without sacrificing toughness.

Fasteners are centerless ground to ensure concentricity and any surface defects from heat treating are removed. Threads are roll formed on the fastener in the hardened state.

Once threaded, the fasteners are stress relieved, deburred, and plated or polished prior to meeting each customer's packaging requirements.



BMW

Head Stud / Head Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Custom Age (12 pt. Nuts)
1.6L - Mini Cooper N Series	10420		
1.6L - 2.0L - N Series		10421	10422
2.0L - 3.2L - M52, N54, S54	10423	10424	10425
2.9L - 3.0L - M57 Diesel	10426	10427	10428
3.0L - N55B, S55B	10429	10430	10431
S63		10432	

Main Stud / Main Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)
1.6L - 2.0L - N Series	10433	10434
2.0L - 3.2L - M50-52, S50/S52 *(us models only w/ shallow thread)		10435
2.0L - 3.2L S54, S50/S52 with deep thread block		10436
2.9L - 3.0L - M57 Diesel	10437	10438
3.0L - N55B, S55B	10439	10440
S63		10432





BMW Engine Block Components

Rod Bolts

TorqueMaster Bolt
(12 pt.)

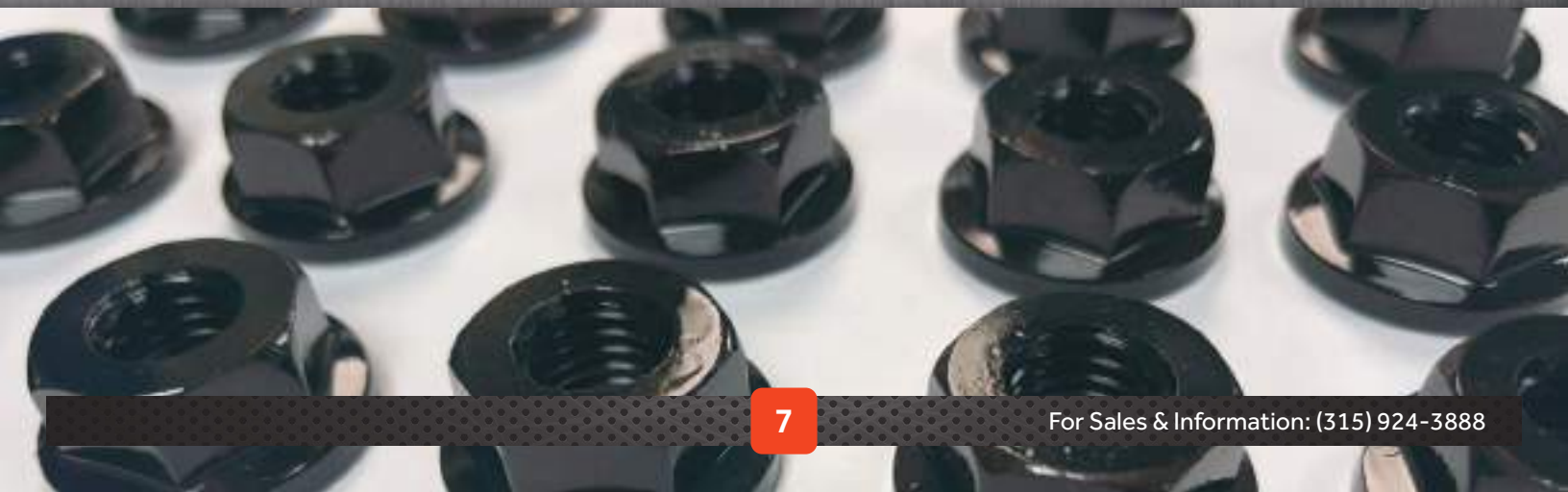
2.3L m11 x 40.5mm uhl	10442
3.0L M10 x 44.5mm uhl	10447
3.2L M11 x 47mm uhl	10448

BMW Driveline

Flywheel Bolts

Patriot 12 pt.

m12 x 1.5mm - 22mm UHL	10829
m12 x 1.5mm - 28mm UHL	11086





BMW Cylinder Head Components

Exhaust Manifold/Header Studs & Bolts

	12 pt. Nuts	12 pt. Bolts
1.6L - 2.0L	10441	
2.0L - 3.2L	10443	
2.9L - 3.0L M57 Diesel	10444	
3.0L N54/55	10445	10446





CHEVROLET SMALL BLOCK

Head Stud / Head Bolt Kits

	Patriot Studs (Hex Nuts)	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Patriot Bolts (Hex)	Patriot Bolts (12 pt.)	TorqueMaster Bolts (12 pt.)	Custom Age (12 pt. Nuts)	Tool Steel (12 pt. Nuts)
Rodeck, Brodix Aluminum Block w/ All Pro Heads		10467						
OEM Aluminum, Iron 23°, Gen III, LT Brodix, Dart, AFR, Edelbrock, Trick Flow	11166	10470	10472	10469	10471	10473		
Brodix 18°		10474					10475	10476
Rodeck, Brodix Aluminum Block w/ 8 thru 11 x Track 1			10477					
Rodeck, Brodix Aluminum Block 23° - 3/8 & 7/16 Studs			10478					
Dart Gen II w/ 18° Heads		10480						
Dart Little M			10481					10483
Dart Sportsman (.955 Coarse Threads)		10482						
Rodeck, Brodix Aluminum w/ 18° Cylinder Head								10479

Main Stud / Main Bolt Kits

	Patriot Studs (Hex Nuts)	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Patriot Bolts (Hex)	TorqueMaster Bolts (12 pt.)
Large Journal - 4 Bolt (Hex)	11160			10462	10491
4 Bolt w/ Windage Tray	10484				
Small Journal - 2 Bolt	10486			10485	10487
Large Journal - 2 Bolt	10488		10490	10489	
4 Bolt w/ Windage Tray Splayed - Bolts	10492		10493		
4 Bolt w/ Windage Tray & Splayed Cap Studs 3" Outer	10494		10495		
4 Bolt - Large Journal w/ Windage Tray	10496		10497		
4 Bolt - Large Journal w/ Windage Tray and Splayed Cap Bolts	10498		10499		
Dart Little M w/ Splay Bolts		10500	10501		
Dart - SHP Iron Block - 4 Bolt				11125	
4 Bolt - 350 / 400 Dart Little M w/ Iron Main Caps Splayed	11241				



CHEVROLET SMALL BLOCK Engine Block Components

Rod Bolts

	Patriot Bolts w/ Hex Nuts
305 - 307, 350	11122
Inline 6 Cylinder	11130



Oil Pan Studs & Bolts

	Studs w/ Hex Nuts	Studs w/ 12 Pt. Nuts	Hex Bolts	12 Pt. Bolts
2 pc. Gasket	10454	11263		
2 pc. Gasket - Stainless Steel	10460			
358 V8 w/ Girdle (5/16)	10461			
1 Pc. Rubber Gasket			11176	11177
90 Degree bank V6	11266			



Oil Pump Studs & Bolts

	Stud w/ Hex Nuts	Stud w/ 12 Pt. Nuts
V8	10465	10468
V8 (High Volume)	10466	10556



CHEVROLET SMALL BLOCK

Engine Block Components (continued)

Oil Pump Driveshaft

SBC - Oil Pump Drive Shaft

10453

Patriot



Damper Bolts

2.475 UHL 7/16 - 20 w/ 13/16 wrenching

10449

2.475 UHL 7/16 - 20 w/ 1 - 1/16 wrenching

10456

2.475 UHL 7/16 - 20 w/ 5/8 wrenching

11126

Patriot 12 pt.



Fuel Pump Pushrod

SBC - Chevy V8 Fuel Pump Push Rod

11178

Patriot



Cam Bolts

.750 UHL 5/16 - 18 w/ 7/16 wrenching

10455

.750 UHL 5/16 - 18 w/ 1/2 wrenching w/ Cam Button

11173

11174

Patriot

TorqueMaster



CHEVROLET SMALL BLOCK Driveline

Flywheel Bolts

265 - 454 ci - 7/16 - 20 x 1.000" UHL - 1 pc. Rear Seal	10832
265 - 454 ci - Flywheel Bolt 7/16 - 20 x 1.000" UHL 2 Pc. Rear Seal	10833

Flexplate/Torque Converter

265 - 454 ci - 7/16 - 20 x .725" UHL 1 Pc. Rear Seal	10837
265 - 454 ci - 7/16 - 20 x .675" UHL 2 Pc. Rear Seal	10838

Universal Engine Hardware

Bell Housing Stud - V6 & V8 3/8 - 16 1.375" OAL (12 Pt.)	10841
--	-------



CHEVROLET SMALL BLOCK Cylinder Head Components

Rocker Arm Studs

1.750 OAL 3/8 - 24 x 7/16 - 14	10450
1.775 OAL 7/16 - 20 x 7/16 - 14	10457
1.900 OAL 3/8 - 24 x 7/16 - 14	10464
1.900 OAL 7/16 - 20 x 7/16 - 14	11214



CHEVROLET SMALL BLOCK Cylinder Head Components (continued)

Valve Cover Studs

	12 pt. Nuts	Hex Nuts	Qty
1/4 - 20 - 1.500 OAL - Patriot	10451	11138	16
1/4 - 20 - 1.500 OAL - Stainless Steel	10458	11270	16
1/4 - 20 - 1.500 OAL - Patriot	11134	11133	8
1/4 - 20 - 1.500 OAL - Patriot	11135	11136	12
1/4 - 20 - 1.500 OAL - Patriot	11147	11137	14
1/4 - 20 - 1.500 OAL - External Hex Install Driver	11140	11139	8
1/4 - 20 - 1.500 OAL - External Hex Install Driver	11141	11142	12
1/4 - 20 - 1.500 OAL - External Hex Install Driver	11146	11143	14
1/4 - 20 - 1.500 OAL - External Hex Install Driver	11145	11144	16



Intake Manifold Stud and Bolt Kits

	Patriot Hex Bolts	Patriot 12 pt. Bolts
Intake Bolts	11132	11129
Intake Manifold Bolts - Vortec - fits most aftermarket aluminum	11168	11169

Exhaust Manifold/Header Studs

	Hex Nuts	12 pt. Nuts
3/8 x 1.675 OAL - Patriot	10452	10459



CHEVROLET BIG BLOCK

Head Stud / Head Bolt Kits

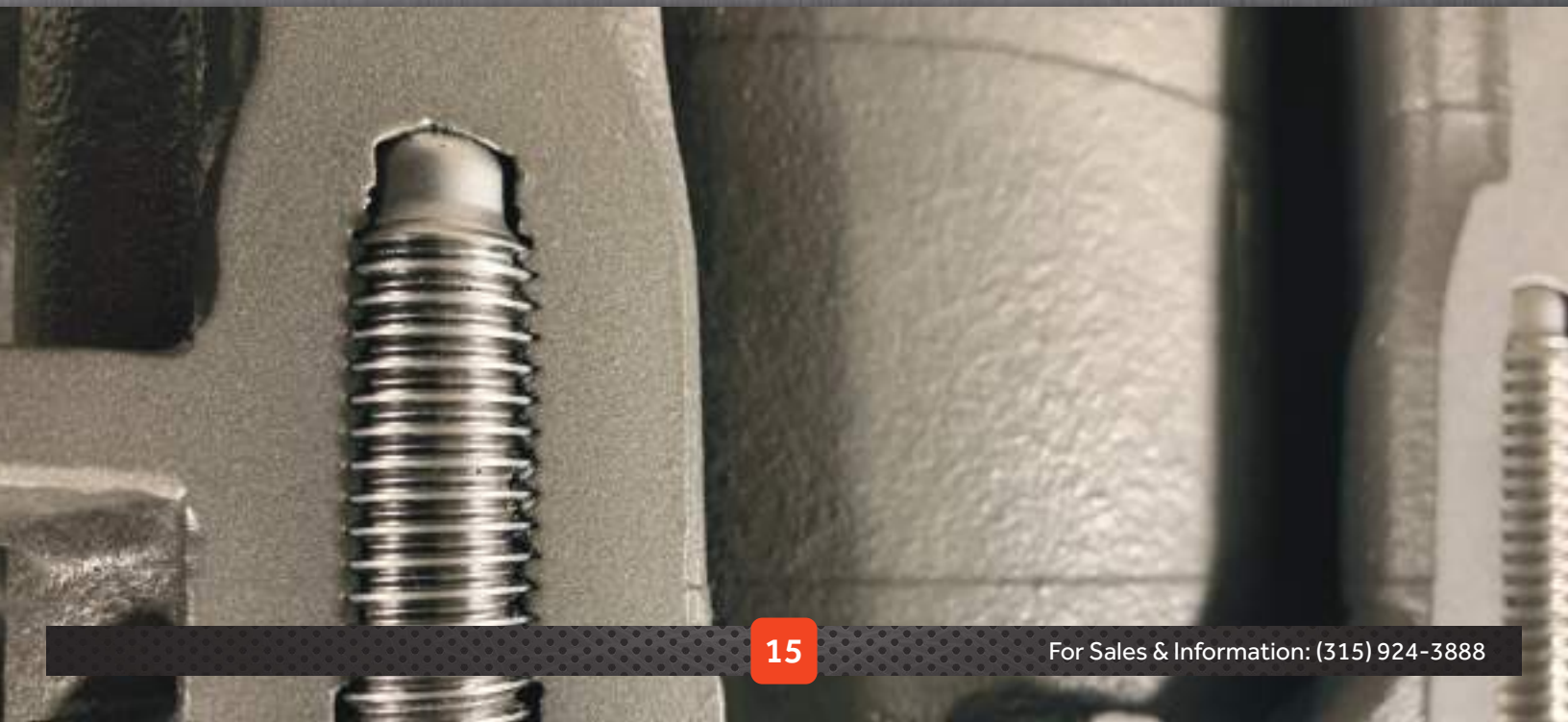
	Patriot Studs (Hex Nuts)	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Patriot Bolts (Hex)	Patriot Bolts (12 pt.)	TorqueMaster Bolts (12 pt.)	Stainless (12 pt. Bolt)	Stainless (Hex)
396-454 - Cast Iron OEM, Mark IV	10502							
Iron OEM				10503				
396-454 - Iron OEM, Mark IV		10504		10516				
Mark IV, Late Bowtie, Iron Dart, Pro1 World Iron					10505			
7/16 Aluminum Block	10511							
1/2 Aluminum Block	10512							
396-454 - Edelbrock Performer, Proline	10513							
396-454 - Edelbrock			10568	10514				
Bowtie, Dart, AFR, Pro1 Early (0.750" Thread)	10515							
396-454 - Brodix -2,4,2-3x, Holley	10517							
396-454 -Brodix		10519		10518	10520			
Late Bowtie, Dart 360, Pro1 Early (1" Coarse Thread)	10521							
396-454 - Dart Alum, Mark V, VI, World				10522				
Mark IV,V w/ Brodix - Aluminum Head					10524			
Fits Pro-1, WP, Pro Line, Iron Dart, Mark IV						10562		
Pro-1,WP, Pro Line, Iron Dart, Mark IV			11127					
Brodix Aluminum, Canfield			11199			11200	11201	
Edelbrock (60) 409, 429, 459, 479, 499, 559			11202			11203		
Mark V,VI, Late Bowtie, Dart aluminum, AFR, WP Heads			11205	11206	11207			
396-454 - Iron OEM, Mark IV	11212							
Bowtie, Dart, AFR, Pro1 -early - 0.750" thread	11215							
396-454 - Brodix -2,4,2-3x, Holley	11224							
ELIMINATOR - 454		11235						
Dart Pro1 - 20° - 1" coarse thread; mfg 2015 and later	11237	11238						
Dart Merlin, Edelbrock, Iron/Aluminum Dart 360, Pro1 - 20° (pre 2015), AFR, Profiler 24° - 1" coarse thread	11239	11240						
Dart Big Chief Block	10508							
Exhaust Bolts Only - Dart Aluminum Block		10509						
396-454 - Dart	10523							
Dart	11225							



CHEVROLET BIG BLOCK

Main Stud / Main Bolt Kits

	Patriot Studs (Hex Nuts)	TorqueMaster Studs (12 pt. Nuts)	Patriot Bolts (Hex)	Patriot Bolts (12 pt.)	TorqueMaster Bolts (12 pt.)
396-454 - 2 Bolt	10525	10527	10526		
396-454 - 4 Bolt - World Merlin			10528		
396-454 - 4 Bolt	10529		10530		10532
396-454 - 2 Bolt w/ Windage Tray	10533	10539			
396-454 - 4 Bolt w/ Windage Tray	10540	10541			
Mark IV, Bowtie w/ Windage Tray	10542				
Mark IV		10543			
Mark IV Aluminum	10544				
Mark V,VI , Bowtie w/ Splay Studs	10545				
Aftermarket Heads - Dart				10551	
Dart - Big M Splay Outer Studs	10531				
Dart - Big M Splayed Cap Bolts	10546	10547			





CHEVROLET BIG BLOCK Engine Block Components

Rod Bolts

Patriot Bolts w/ Hex
Nuts

3/8 396-454

10567

Oil Pan Studs & Bolts

Studs w/ Hex Nuts

Studs w/ 12 Pt. Nuts

Hex Bolts

12 Pt. Bolts

Standard 2 Pc. Gasket

10557

10564

10566

Standard 2 Pc. Gasket Stainless

10563

10565

1 Pc. Rubber Gasket

11197

11198

Standard 2 Pc. Gasket

11264

Oil Pump Studs & Bolts

Stud w/ Hex Nuts

Stud w/ 12 pt. Nuts

V8 (High Volume Applications)

10466

10556



CHEVROLET BIG BLOCK

Engine Block Components (continued)

Oil Pump Driveshaft

STD. Deck - Oil Pump Drive Shaft	10570
Tall Deck - Oil Pump Drive Shaft	10571

Damper Bolts

1.550 UHL 1/2 - 20 w/ 5/8 wrenching	10552
1.550 UHL 1/2 - 20 w/ 1-1/16 wrenching	10558
1.550 UHL 1/2 - 20 w/ 13/16 wrenching	10559

Patriot 12 pt.

Cam Bolts

.750 UHL 5/16 - 18 w/ 7/16 wrenching	10455	
.750 UHL 5/16 - 18 w/ 1/2 wrenching w/ Cam Button	11173	11174

Patriot

TorqueMaster





CHEVROLET BRODIX Cylinder Head Components

Valve Cover Studs

	12 pt. Nuts	Hex Nuts	Qty
Brodix - 1/4 - 20 3.500 OAL	11151	11148	8
Brodix - 1/4 - 20 3.500 OAL	11152	11149	14
Brodix - 1/4 - 20 3.500 OAL	11153	11150	16
Brodix - 1/4-20 3.500 OAL (Has hex install driver)	11157	11154	8
Brodix - 1/4-20 3.500 OAL (Has hex install driver)	11158	11155	14
Brodix - 1/4-20 3.500 OAL (Has hex install driver)	11159	11156	16





CHEVROLET LS

Head Stud / Head Bolt Kits

	Patriot Studs (Hex Nuts)	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Patriot Bolts (Hex)	Patriot Bolts (12 pt.)	TorqueMaster Bolts (12 pt.)	Custom Age (12 pt. Nuts)	Tool Steel (12 pt. Nuts)
SBC- 2004 and Later (all one length)		10413P	10413					
Gen III LS (2 Length) 23°, Brodix, Dart, AFR, World, Edelbrock		10573	10575		10574	10576	10577	10578
Gen IV							10579	
Gen IV (1 length)						10580		
LSX Small Block		10581						
Dart - 15-Bolt (7/16)			10582					
Dart - 23-Bolt (7/16)			10583					
Gen IV LS-6 (04-newer) (1 Length - Most 4.8L, 5.3L, 6.0L - Hex)				10584				
World Products - LS7 (9.800 OAL)		10589						
World Products - LS7 (9.240 OAL)		10590						
Years '97-'03 4.8L, 5.3L, 5.7L, 6.0L				10591				
LS - LSA - 6.2L			10595					
Gen III LS - (2 Lengths) 23°, Brodix, Dart, AFR, World, Edelbrock	11187							
6.2L LT1 / LT4 w/ 8mm Bolts			10603			10592		
6.2L LT1 / LT4 (8mm Bolts not included)			10602			10622		

Main Stud / Main Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt.)
Gen III LS	10593	10594
Dart	10600	10601
World Products	10604	10605
LT1 - 6.2L	10606	10607



CHEVROLET LS Engine Block Components

Rod Bolts

	Patriot Bolt (12 pt.) TorqueMaster Bolt (12 pt.)	
	10615	10609
Gen III/IV LS,LT1 - 6.2 - (does not fit LS7 / LS9 w/ Cracked Cap)		
Gen IV LS 7/LS9 (Titanium-Rod)		10614

Damper Bolts

	Patriot
Gen III LS - 4.325 UHL (m16 x 2.0mm)	10608
Gen IV LS 7 LT1 - 5.185 UHL (m16 x 2.0mm)	10613
Gen V LT	10618

Cam Bolts

	Patriot (Hex)
Gen III/IV LS m8 - .780 UHL	10612
Gen III/IV LS m8 - .985 UHL	10617





CHEVROLET LT Driveline

Flywheel Bolts

Gen V LT1 / LT4 (2013 - later) m11 x 1.5mm - 1.125" UHL	10835
Gen V LT1 m11 x 1.0mm - .895" UHL	10836

Patriot

Flexplate/Torque Converter

Gen V LT1 / LT4 - m11 x 1.5mm - .760" UHL	10840
---	-------

Patriot



CHEVROLET LS Driveline

Flywheel Bolts

Gen III / IV LS m11 x 1.5mm - .885" UHL	10834
---	-------

Patriot





CHEVROLET LS Driveline (continued)

Flexplate/Torque Converter

Gen III / IV LS m11 x 1.5mm - .885" UHL	10839
---	-------

Bell Housing Stud

Gen III m10 x 1.5mm - 1.375" OAL (12 Pt.)	10842
---	-------

CHEVROLET LS Cylinder Head Components

Rocker Arm Studs

Gen III LS - 1.750 OAL (3/8 - 24 x m8 x 1.25mm)	10610
m8 x 1.25mm - 2.560 UHL	10621

Exhaust Manifold/Header Studs

	12 pt. Nuts
Gen III/IV LS - Stainless Steel	10611
Gen III/IV LS	10616





CHRYSLER

Head Stud / Head Bolt Kits

	Patriot Studs (Hex Nuts)	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Patriot Bolts (Hex)	TorqueMaster Bolts (12 pt.)
273 - 360 Wedge		10623	10624		
Gen III Hemi 5.7L, 6.1L - 6.4L		10625	10626		10627
383 - 440 Wedge - Factory or Edelbrock		10631	10632		
426 Hemi - (7/16)		10633			
426 Hemi - (1/2)			10634		
Viper 1/2 - 13 x 1/2 - 20 - '96 - '03		11078			
Wedge SS B & RB from 360				11164	
331, 354, 392 Hemi	11182	11183			
5.2- 5.9L - Edelbrock				11188	
Small Block Mopar- W2 -Econo, Performer RPM				11193	
Small Block				11195	
Elephant			11258		

Main Stud / Main Bolt Kits

	Patriot Studs (Hex Nuts)	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Patriot Bolts (12 pt.)	Custom Age Bolts (12 pt. Nuts)
5.7L - 6.4L Hemi - Gen III		10414			
318 - 440 Wedge	10635	10636			
5.7L - 6.4L Hemi Gen III - (Side Studs)			10637		
426 Hemi	10638				
426 Hemi - KB Block			10639		
(Low Head)				11213	
Energy Mfg. Block			11048		



CHRYSLER Engine Block Components

Rod Bolts

	TorqueMaster Bolt (12 pt.)	Patriot Bolts w/ Hex Nuts
Gen III 5.7L Hemi	10645	
Gen III 6.1L / 6.4L Hemi	10648	
354/392 - Wedge - 383-440-Hemi		11128
318 - 360 - Wedge / Magnum		11161

Oil Pan Studs & Bolts

	Studs w/ Hex Nuts	Studs w/ 12 Pt. Nuts
Wedge		10642
Wedge - Stainless		10647
426 Hemi - 1.700 UHL		10651
Wedge - Zinc	11267	
KB Hemi - Oil Pan Studs 1.305 oal	11268	11269



Damper Bolts

	Patriot 12 pt.
Wedge - (Thin Damper) 1.420 UHL 3/4 - 16 w/ 1-1/16 wrench (12 pt)	10640
Gen III - 5.7L, 6.1, 6.4 Hemi - 4.000" UHL - m14 x 1.5 (12 pt.)	10644
Hellcat Demon - 4.000" UHL m16 x 1.5mm	10652



CHRYSLER

Engine Block Components (continued)

Cam Bolts

Wedge - .875 UHL

10643

Patriot 12 pt.

CHRYSLER

Driveline

Flywheel Bolts

273-440 ci - 7/16 - 20 x .880" UHL

10843

Aftermarket V8 / 426 Hemi - 1/2 - 20 x .880" UHL

10844

5.7, 6.1L - 6.4L, Hemi V8 - m10 x 1.0mm - 1.000" UHL

10845

Patriot 12 pt.

Flexplate/Torque Converter

273-440 ci - 7/16 - 20 x .500" UHL

10846

Aftermarket V8 / 426 Hemi - 1/2 - 20 x .500" UHL

10847

5.7, 6.1L - 6.4L, Hemi V8 - m10 x 1.0mm - .705" UHL

10848

Patriot



AUTOMOTIVE

OEM + Custom Fasteners For Your Specific Needs

CHRYSLER Cylinder Head Components

Rocker Arm Studs

Patriot 12 pt.

Wedge - Non-Adjustable - 1.425 OAL (5/16 threads)	10641
---	-------

Exhaust Manifold/Header Studs

Patriot

	12 pt. Nuts
426 Hemi (8) 1.670 OAL (8) 2.000 OAL	10650
Gen III 5.7L Hemi	10646





FORD

Head Stud / Head Bolt Kits

	Patriot Studs (Hex Nuts)	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	TorqueMaster Studs (Hex Nuts)	Patriot Bolts (Hex)	Patriot Bolts (12 pt.)	TorqueMaster Bolts (12 pt.)
Barra Head Stud Kit with Machined Washers			10396				
289 - 302 - Factory, AFR	11216	10653					
289 - 302 - Factory, Edelbrock, AFR						10654	
289 - 302 - Factory Windsor, Edelbrock		10655					
351 - Factory, Edelbrock Dart		10656					
Ford Barra		10658					
Coyote - (m12 - 2017-1/2 & later)		10660					
Coyote - (m11)		10661					
Coyote - (m12 early)		10664					
Godzilla		11117	10697				
302W					10700		
Eco Boost 2.3L		11030					
289 - 302 - Factory, Edelbrock, AFR					11123		
351W - Factory/Edelbrock/RPM					11124		
Patriot Cleveland SB Factory					11186		
351W Factory - SVO High Port, GT-40 Style, Iron Dart w/ 1/2 - 13 block threads	11190						
351W Factory -SVO High Port, GT-40 Style, Iron Dart w/ 1/2 - 13 block threads - U/C studs	11191	11192					
4.6 / 5.4	11217	11218	11220	11219			
Man O' War w/ factory SBF or 18° Man O' War Heads		11242					
SVO 351R Block, N351 Heads	11243	11244					
351W Block, Brodix Neil, Blue Thunder N351 Heads.		11245					
351W Block, N351 Heads	11246	11247					
SVO 351, Fontana Block - '94 & later Yates Heads	11249	11248					
SVO 351, Yates '94 SVO Heads	11250	11251					
SVO 351, Yates SVO Heads	11252	11253					



FORD

Main Stud / Main Bolt Kits

	Patriot Studs (Hex Nuts)	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Patriot Bolts (Hex)	Patriot Bolts (12 pt.)
289 - 302 - 2 Bolt	10665		10666		
289 - 302 - w/ Windage - 2 Bolt	10667		10668		
302 Dart SHP - 4 Bolt	10669		10670		
351 Cleveland - 2 Bolt	10671				
351 Windsor - 2 Bolt	10672				
351 Cleveland - 4 Bolt	10673				
351 Windsor - 4 Bolt	10674				
351 Dart SHP	10675		10676		
Barra	10677		10678		
Godzilla		11116	10696		
289-302 -2 Bolt				10699	
Eco Boost 2.3L - 2 Bolt - m10 x 1.25mm		11026			
351W				11180	
4.6L - SIDE BOLT ONLY					11204
351 W - 2 Bolt Windage Tray - Front Sump	11229				
4.6L, 5.4L - 2 Bolt w/ Out Windage Tray		11230			
4.6L, 5.4L - 4 Bolt w/ Out Windage Tray		11231			
4.6L, 5.4L 3V - 4 Bolt w / Windage Tray		11232			
4.6L -4 Bolt w/ Windage Tray - DOHC Only		11233			
5.0 Boss, M-6010		11234			
302W - 4 Bolt - Dart Iron Eagle	11254		11255		
351W - 4 Bolt - Dart Iron Eagle	11256		11257		
5.0L (Side Bolts Included) - Coyote		10682			



FORD Engine Block Components

Rod Bolts

Patriot Bolts (Hex)

289-302	11171
Boss 302, 351W, 429, 460	11175

Oil Pan Studs & Bolts

Studs w/ Hex Nuts

Studs w/ 12 Pt. Nuts

Hex Bolts

12 Pt. Bolts

289 - 302	11265	10689		
302 - 351 Late w/ Side Rails		10692		
SB 289,302, 351C / W - Early Production Models			11226	11227

Oil Pump Studs & Bolts

Hex Bolt

Oil Pump Bolt Kit 5/16 (4 pcs.)	11179
---------------------------------	-------



FORD Engine Block Components (continued)

Oil Pump Drive Shaft

289 - 302 - 239 - 312 "Y" Series	10688
351C, 351 - 400M	10693
429-460	10701
289 - 302	11131
351W	11167
FE Series (most)	11181

Patriot

Damper Bolts

289 - 302 - 460 - 2.050 UHL 5/8 - 18	10685
351C - Damper Bolt 1.800 UHL (5/8 - 18)	10691

Patriot 12 pt.

Cam Bolts

302 - 351 - 1969 & Later 3/8-16 1.580 UHL - 429 - 460	10690
255 - 302 Pre - '68 - 1.460 UHL (3/8-16)	10694
351 - 400M - 1.970 UHL (3/8-16)	10695

Patriot





FORD Driveline

Flywheel Bolts

Patriot

265 - 454 CI - Flywheel Bolt 7/16 - 20 x 1.000" UHL 2 Pc. Rear Seal	11810
4.6L - 5.4L - Modular V8 - m10 x 1.0mm - 1.150" UHL	10849
5.0L V8 Coyote - m10 x 1.0mm 1.000" UHL	10850
289-460 CI V8 - 7/16 - 20 x 1.000" UHL	10851
Aftermarket / Performance V8 - 7/16 - 20 x 1.000" UHL	10852

Flexplate/Torque Converter

Patriot

Tool Steel

7/16 - 20 x .675" UHL 2 Pc. Rear Seal	11809	
4.6L - 5.4L Modular V8 m10 x 1.0mm - .805" UHL	10853	
289-460 ci V8 - 7/16 - 20 x .680" UHL	10854	
Aftermarket / Performance V8 - 7/16 - 20 x .680" UHL H11	10855	

Wheel Studs

Patriot

Mustang II - Knurl 0.555 Ø, 0.390 long , 3.440 UHL, w/ 0.305 nose (1/2 - 20)	10856
Mustang (94-04)(front) Knurl 0.595 Ø, 0.300 long , 3.115 UHL w/ 0.305 nose 1/2 - 20	11089
Mustang (05 +) (front) - Knurl 0.550 Ø, 0.300 long , 3.320 UHL w/ 0.305 nose 1/2 - 20	11090
Mustang (05 +) - (rear) - Knurl 0.615 Ø, 0.300 long , 3.320 UHL w/ 0.305 nose 1/2 - 20	11091



FORD Cylinder Head Components

Rocker Arm Studs

289 - 302 - 1.900 OAL Aluminum Head (7/16 threads)

10686

Patriot

Intake Manifold Stud and Bolt Kits

221 - 302, 351W - 2.000" UHL

Patriot Studs
(Hex Nuts)

11165

Exhaust Manifold/Header Studs

3/8 Stud Kit (16 pcs.)

12 pt. Nuts

10687





FORD - BIG BLOCK

Head Stud / Head Bolt Kits

	Patriot Studs (Hex Nuts)	Patriot Studs (12 pt. Nuts)	Patriot Bolts (12 pt.)
390 - 428 - FE Factory, Edelbrock	10657	10659	
429 - 460 - Factory, Edelbrock	11170	10662	10663

Main Stud / Main Bolt Kits

	Patriot Studs (Hex Nuts)	Patriot Studs (12 pt. Nuts)
390 - 428 - 2 Bolt (No Modification Required)		10679
390 - 428 - 2 Bolt (Modification Required)	10680	
429 - 460 - Factory, Edelbrock	10681	
429 - 460 - 4 Bolt	10683	
429 - 460 - 4 Bolt w/ Windage Tray	10684	
Ford- Patriot Main Bolt Kit - FE- 2 Bolt		11208

FORD BIG BLOCK Engine Block Components

Rod Bolts

	Patriot Bolts (Hex)
Ford FE Series	11172
Ford - Boss 302, 351W, 429, 460	11175



FORD BIG BLOCK Engine Block Components

Oil Pump Drive Shaft

Ford - 429-460 - Oil Pump Drive Shaft	10701
Ford - Oil Pump Driveshaft - FE Series (most)	11181

Patriot

Damper Bolts

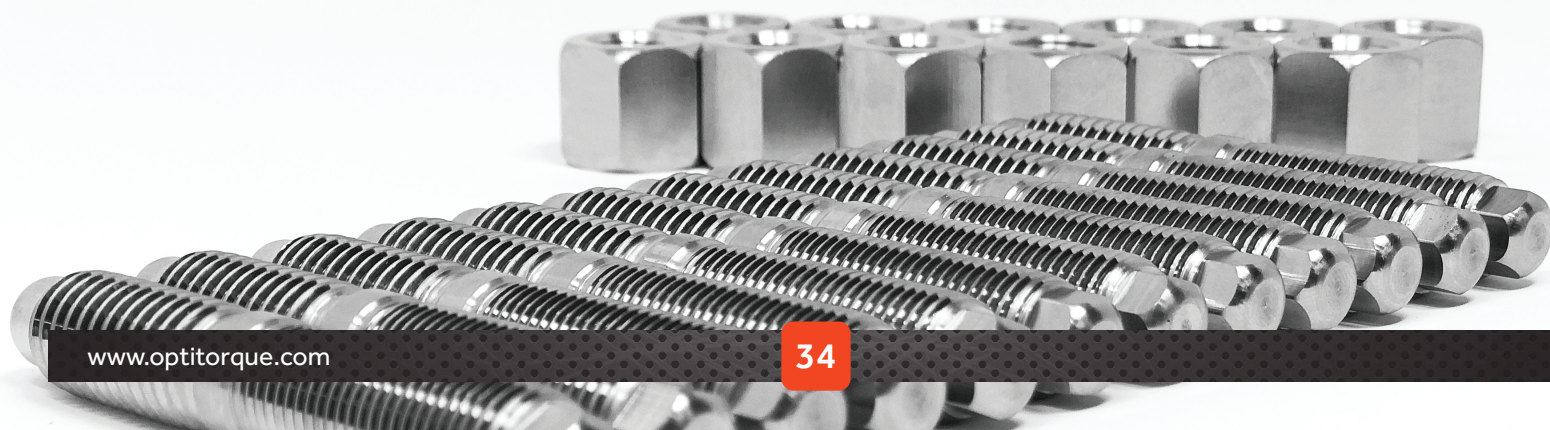
Ford 289-460 Damper Bolt 2.050 uhl 5/8-18	10685
---	-------

Patriot

Cam Bolts

Ford 429-460 - 3/8-16 1.580 UHL	10690
Ford - 390 - 428 FE - 7/16-14 1.750 UHL	10698

Patriot





FORD BIG BLOCK Driveline

Flywheel Bolts

289 - 460 CI V8 - 7/16 - 20 x 1.000" UHL Patriot	10851
Aftermarket / Performance V8 - TorqueMaster - 7/16 - 20 x 1.000" UHL	10852

Flexplate/Torque Converter

289-460 CI V8 - 7/16 - 20 x .680" UHL - Patriot	Patriot	10854
Ford - Aftermarket / Performance V8 - 7/16 - 20 x 1.000" UHL - H11	Tool Steel	10855





HONDA

Head Stud / Head Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Custom Age (12 pt. Nuts)
L15B7	10702	10703	10704
2L - 2.3L VTEC	10705	10706	10707
1.8L VTEC - (m11)	10708	10709	10710
K20C1	10711		

Main Stud / Main Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)
L15B7	10718	10719
2L - 2.3L	10720	10721
1.8L	10722	10723

HONDA Engine Block Components

Rod Bolts

	TorqueMaster Bolt (12 pt.)
1.5L B Series	10730



HONDA

Engine Block Components (continued)

Damper Bolts

1.5L B Series

10729

Patriot 12 pt.

Cam Bolts

1.5L B Series

10732

Patriot





HONDA Driveline

Flywheel Bolts

SOHC - D Series (6 pc.) - m12 x 1.0mm, UHL 0.780	11092
DOHC - B Series (8 pc.) m12 x 1.0mm, UHL 0.890	11093

Patriot

HONDA Cylinder Head Components

Exhaust Manifold/Header Studs

	12 pt. Nuts
K20C1	10728

Patriot





MAZDA

Head Stud / Head Bolt Kits

2.3L - Patriot - 12 pt. Nuts	11027
------------------------------	-------

MCLAREN

Head Stud / Head Bolt Kits

720 - TorqueMaster - 12 pt. Nuts	11075
----------------------------------	-------

Main Stud / Main Bolt Kits

720 - Patriot Studs - 12 pt. Nuts	11076
720 - TorqueMaster Bolts (12 pt.)	11236



MITSUBISHI

Head Stud / Head Bolt Kits

	TorqueMaster Studs (12 pt. Nuts)	Custom Age 12 pt. Nuts
4B-11 - (2008 & later)	10713	10714
4G63 - '94 - '07	10716	10717

Main Stud / Main Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs 12 pt. Nuts
4B11 - 2008 & Later	10724	10725
4G63 -Pre - 2008	10726	10727

MITSUBISHI Engine Block Components

Rod Bolts

	TorqueMaster Bolt (12 pt.)
4B11 - 2008+	10733



MITSUBISHI

Engine Block Components (continued)

Damper Bolts

4G63 - 1.525 UHL (m14 x 1.5mm)

10735

Patriot

Cam Bolts

4G63 - 1.180 UHL (m12 x 1.25)

10736

Patriot



MITSUBISHI

Driveline

Flywheel Bolts

4G63 - DOHC (7 pc) - '93+ - m12 x 1.25mm x .825 UHL

10734

4G63 - DOHC (6 pc) - m12 x 1.25mm x 0.825 UHL

11094

4B11 - DOHC '08/+ (8 pcs.) m12 x 1.25mm x 0.700 UHL

11095

Late 4G63 / EVO 4-9 - (7pc) m12 x 1.25mm x 0.600 UHL

11096

Patriot



mitsubishi

Driveline (continued)

Flexplate/Torque Converter

Patriot

4G63 - DOHC (6 pc) - m12 x 1.25mm x .700 UHL	10712
4G63 - DOHC (7 pc) - '93 - + m12 x 1.25mm x .460 UHL	10715

Wheel Studs

Patriot

Lancer EVO - VIII - Knurl 0.565 Ø, 0.270 long , 3.005 UHL, w/ 0.355 nose m12 x 1.50mm	11097
---	-------





NISSAN

Head Stud / Head Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Custom Age (12 pt. Nuts)
RB30/26 Conversion 1/2" - Standard Nuts and Washers	10397		
GTR-RB26 - m12 x 1.25mm x m12 x 1.5mm (5.300 OAL)		10401	
RB30 - 1/2 - 20 fine x 1/2 - 13 coarse (6.580 OAL)		10402	
RB26 GTR	10737		10738
RB 30/26	10739		
VR38		10740	10741
VG30		11074	
RB25 / RB30 DOHC (No-Nipple)	11077		
SR20		11080	
RB30 and RB25 DOHC 7/16 - 20 x m11 x 1.5 (5.000" OAL)		11084	
RB30 SOHC - 7/16 - 20 x m11 x 1.5 - (6.550" OAL)	11085		

Main Stud / Main Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)
RB26	10748	10749
RB30	10750	10751
KA24DE	10752	
VQ35		10753





NISSAN Engine Block Components

ROD BOLTS

VR38

10757

TorqueMaster Bolt
(12 pt.)

DAMPER BOLTS

GTR RB26

10754

GTR - RB26 - m18 x 1.5mm - 89mm UHL 27mm (3.503") wrenching

11262

Patriot 12 pt.





NISSAN Driveline

Flywheel Bolts

Patriot 12 pt.

SR20 DE/DET - m10 x 1.0mm x 0.925 UHL	11098
RB25 / RB26 Inline - 6 - m12 x 1.25mm x 1.180 UHL	11099

Flexplate/Torque Converter

Patriot 12 pt.

RB25 / RB26 Inline - 6 - m12 x 1.25mm x 0.700 UHL	11100
---	-------

NISSAN Cylinder Head Components

Exhaust Manifold/Header Studs

	12 pt. Nuts
GTR RB26	10755
RB30	10756
VR38	10758



PONTIAC

Head Stud / Head Bolt Kits

400 - 455 - Edelbrock Heads after 3/2002	11194
350-455 - D-Port '67 & later	11221
400 - 455 - Edelbrock Heads before 3/05	11222
400-455 - Edelbrock D-Port 61579, 61599	11223

Patriot Bolts (Hex)

Main Stud / Main Bolt Kits

2 Bolt	11209
4 Bolt	11210

Patriot Studs (Hex)



PONTIAC Driveline

Flywheel Bolts

1/2 - 20, .875 UHL (12 pt.)	11196
-----------------------------	-------

Patriot Bolts



SUBARU

Head Stud / Head Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Custom Age (12 pt. Nuts)
FA20	10742	10743	10744
EJ257	10745	10746	10747

SUBARU Driveline

Wheel Studs

BRZ / WRX (Stock) - Knurl 0.565 Ø, 0.270 long , 1.750 UHL no nose m12 x 1.25mm	11101
BRZ / WRX (Extended) - Knurl 0.565 Ø, 0.270 long , 2.535 UHL, w/ 0.200 nose m12 x 1.25mm	11102

SUBARU Cylinder Head Components

Exhaust Manifold/Header Studs

	12 pt. Nuts
FA Series	10759
EJ257	10760



TOYOTA

Head Stud / Head Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Custom Age (12 pt. Nuts)
1HZ/1HD - m11 x 1.25 / 7/16 - 20		10412	
2JZ - GTE	10761		10762
2.4L - (2AZ) - 2007+	11028		
2.4L - (2AZ) - 2006 and earlier	11029		

Main Stud / Main Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)
2JZ	10765	10766

TOYOTA Engine Block Components

Rod Bolts

	TorqueMaster Bolt (12 pt.)	TorqueMaster Bolts w/ 12pt. Nuts
2JZ	10769	
1.8L / 2.0L		10771



TOYOTA Driveline

Flywheel Bolts

1.6L - 4AGE - DOHC - (8 pc) - m10 x 1.25mm x 1.050 UHL	11103
1.8L - 2ZZGE - DOHC - (8 pc) - m10 x 1.25mm x 0.875 UHL	11104
2.0L - 3SGTE - DOHC - (8 pc) - m12 x 1.25mm x 1.000 UHL	11105
2.4L - 4AZFE - DOHC - (8 pc) - m12 x 1.25mm x 1.000 UHL	11106

TOYOTA Cylinder Head Components

Exhaust Manifold/Header Studs

	12 pt. Nuts
2JZ	10770





AUTOMOTIVE

OEM + Custom Fasteners For Your Specific Needs

VW / AUDI

Head Stud / Head Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)
PD-TDI (7.700 OAL)		10418
1Z, AHU, ALH - ('96 - '03 Motor Engine Codes)	10763	10764

Main Stud / Main Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)
1.9 ALH/BEW/BHW	10767	10768





VW / AUDI Engine Block Components

Rod Bolts

TorqueMaster Bolt
(12 pt.)

2.7L Turbo

10773

VW / AUDI Cylinder Head Components

Exhaust Manifold/Header Studs

12 pt. Nuts

1.9 TDI

10772

2.7L Turbo

10774





UNIVERSAL COMPONENTS

Cylinder Head Components

Valve Cover Studs

	12 pt. Nuts	Hex Nuts	Qty
Valve Cover Studs 1/4 - 20 1.500 OAL	10451		16
Valve Cover Studs 1/4 - 20 1.500 OAL (External Hex) - Stainless	10458		16
Valve Cover Studs 1/4 - 20 1.500 OAL		11133	8
Valve Cover Studs 1/4 - 20 1.500 OAL	11134		8
Valve Cover Studs 1/4 - 20 1.500 OAL	11135		12
Valve Cover Studs 1/4 - 20 1.500 OAL		11136	12
Valve Cover Studs 1/4 - 20 1.500 OAL		11137	14
Valve Cover Studs 1/4 - 20 1.500 OAL		11138	16
Valve Cover Studs 1/4 - 20 1.500 OAL (external hex install driver)		11139	8
Valve Cover Studs 1/4 - 20 1.500 OAL (external hex install driver)	11140		8
Valve Cover Studs 1/4 - 20 1.500 OAL (external hex install driver)	11141		12
Valve Cover Studs 1/4 - 20 1.500 OAL (external hex install driver)		11142	12
Valve Cover Studs 1/4 - 20 1.500 OAL (external hex install driver)		11143	14
Valve Cover Studs 1/4 - 20 1.500 OAL (external hex install driver)		11144	16
Valve Cover Studs 1/4 - 20 1.500 OAL (external hex install driver)	11145		16
Valve Cover Studs 1/4 - 20 1.500 OAL (external hex install driver)	11146		14
Valve Cover Studs 1/4 - 20 1.500 OAL (external hex install driver)	11147		14
Valve Cover Studs 1/4 - 20 1.170 OAL (for Stamped Steel Valve Covers)	11274	11273	14
Valve Cover Studs 1/4 - 20 1.500 OAL (for Stamped Steel Valve Covers)	11272	11271	8



UNIVERSAL COMPONENTS

Engine Block Components Rod Bolts

	Patriot 12 pt.	TorqueMaster Bolts (12 pt.)
3/8" - 1.550 UHL - Bulk		10991
3/8" - 1.500 UHL - 2 pk.		10992
3/8" - 1.500 UHL - 8 pk.		10993
3/8" - 1.600 UHL - 8 pk.		10994
3/8" - 1.600 UHL - 2 pk.		10995
3/8" - 1.600 UHL - Bulk		10996
7/16 - 1.600 UHL - Bulk		10997
7/16 - 1.600 UHL - 16 pk.	10998	
7/16 - 1.600 UHL - 2 pk.	10999	

Engine Block Components Oil Pan Studs & Bolts

Universal	10841
-----------	-------

Engine Block Components Carburetor Stud Kit

5/16 - 18 - 1.700 OAL - Hex	10865
5/16 - 18 - 2.700 OAL - Hex	10866
5/16 - 18 - 2.225 OAL - Hex	10867



**DIESEL**

OEM + Custom Fasteners For Your Specific Needs

CAT**Head Stud / Head Bolt Kits**

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Patriot Bolts (12 pt.)	TorqueMaster Bolts (12 pt.)
C15/ Late 3406E - (2 length - req socket mod)		10274		
C15 (2 Length)	10791		11298	11299
Acert		10329		

Main Stud / Main Bolt Kits

	TorqueMaster Studs (12 pt. Nuts)	Patriot Main Bolt (12 pt.)
CAT C15/ 3406E	10275	11300

CAT**Engine Block Components****Rod Bolts**

	TorqueMaster Bolt (12 pt.)
Acert, C15/16 (m11x1.25mm) (4 bolt)	10796
3406C, E, C15 (2 bolt)	11301



CAT **Engine Block Components (continued)**

Oil Pan Studs & Bolts

3406B, 3406E, C15/16

10798

Studs w/ 12 Pt. Nuts

Damper Bolts

3406B, 3406E, C15/16 - TorqueMaster

10795

CAT **Driveline**

Flywheel Bolts

Crower Style - 12 pt. Bolt

10831

Clutch Cover

Crower 5-Disc Bolts

10830





DIESEL

OEM + Custom Fasteners For Your Specific Needs

CAT Cylinder Head Components

Jake Brake Studs

CAT Jake Brake Studs - TorqueMaster	10331
-------------------------------------	-------

Injector Studs

CAT Injector Studs - TorqueMaster	10330
-----------------------------------	-------

Exhaust Manifold/Header Studs

C15 - 3406E - Stainless - TorqueMaster	10288
--	-------

3406B, 3406E, C15/16 - TorqueMaster	10797
-------------------------------------	-------





CUMMINS

Head Stud / Head Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Patriot Bolts (Hex)	TorqueMaster Bolts (12 pt.)	Custom Age (12 pt. Nuts)
5.9/6.7 CR - m12 1998.5 - 2001 (most) - (2 lengths - deep exhaust drill depth)	10272				
KTA/QSK 19	10289				
5.912v w/ 12v m14 x 2.0mm (Cyl. Head Standard Deck, Standard Head)	10338				
5.9-6.7 CR w/ 12v Plus 1" length - m14 x 2.0mm (Cyl. Head Std Deck, Std Head)	10339				
5.9-6.7 CR w/ 24v Plus 1" length - m14 x 2.0mm (Cyl. Head Std Deck, Std Head)	10340				
6.7L 2012 - 2018 - 12mm (1 length)	10341				
Late 5.9/6.7 1998.5 - 2018 - 12mm (1 length)	10341P				
12V (Years 89-98) - 1/2" - 20 - m12 x 1.75mm (Standard Length)	10392				
12V (Years 89-98) m12 x 1.25 - m12 x 1.75mm (Standard Length)	10392P				
5.9/6.7 - w/ 24V Head - Non-Deck Plate - m14 x 2.0mm (Bottom tap required - 2 length hole depth block)	10398				
12V (Years 89-98) - 1/2" - 20 - m12 x 1.75mm (Standard Length)					10775
5.9/6.7 CR - m12 1998.5 - 2001 (most) - (2 lengths - deep exhaust drill depth)					10776
6.7L 2012 - 2018 12mm (1 length)					10777
8.3 - '90 - '98	10778				
8.9	10779				
Cummins 6.7 - 2019 - Current Head Stud Kit Deck Height & 24V Head (Factory)	11087				
ISV 5.0 Liter - (2015 Nissan Titan) and medium duty- trucks, vans, buses	11275				
4bt - 2 valves per cylinder (Years 84-on) - m12 x 1.25 - m12 x 1.75mm (3 lengths Length)	11276	11277		11278	11279
8.3 - '90 - '98			11280		
8.9			11281		
5.9/6.7 CR - m12 - 1998.5 - 2001 (most) - (2 lengths - deep exhaust drill depth)			11286	11285	
ISB/QSB 4.5 liter	11307	11338			
855 heavy flat washer (oem 3013603)			11348	11347	
N14 - 12 pt wrenching heavy flat washer (oem 3071161)			11350	11349	
ISX-ISX15-X15 - heavy flat washer cm570,cm870-cm871, cm2250, c2350, cm2350, cm2450			11352	11351	

**DIESEL**

OEM + Custom Fasteners For Your Specific Needs

CUMMINS

Main Stud / Main Bolt Kits

	Patriot Studs (12pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	TorqueMaster (Hex)	Patriot Bolts (Hex)	Patriot Bolts (12 pt.)	TorqueMaster Bolts (12 pt.)
5.9 24V 1998.5 - 02 - m12 - Factory Block Stifner (modification may be required)		10273				
9/16 - 18 x m14 x 2 (6.780 OAL) 0.375 Max Girdle		10380				
Non-Girdle - 9/16 - 18 x m14 x 2 (6.250 OAL)		10381				
0.625 - 1" Thick Girdle 9/16 - 18 x m14 x 2 (7.250 OAL)		10382				
5.9 / 6.7 CR - m12 (Factory Block Stifner)			11047			
Cummins 6.7 - 2019 - Current Main Stud Kit (Factory)		11088				
5.9-6.7 24V 1998.5 - 2018 - m12 - Factory Block Stifner				11288	11287	
ISC 8.3, ISL 8.3 / 8.9	11308			11309		11310
4bt - 2 valves per cylinder (Years 84-on)	11313			11314		11315
ISB/Qsb 4.5 liter	11316			11317		11318
5.9 / 6.7 CR - years 03.5-18 - m12 (Factory Block Stifner) w/ side bed plate bolts	11361	11319				

CUMMINS

Engine Block Components

Rod Bolts

	Patriot Bolt (12 pt.)	TorqueMaster Bolt (12 pt.)
5.9/6.7 - 12V / 24V	10781	
4bt		11302



CUMMINS

Engine Block Components (continued)

Damper Bolts

5.9 - 12V / 24V - 2007 and Earlier	10780
5.9 - 6.7 24V (2007.5 and later)	10786

Patriot

CUMMINS

Driveline

Flywheel Bolts

5.9 - ('89 - '04) m12 x 1.25mm x 1.250 UHL	10784
--	-------

Patriot

Flexplate/Torque Converter

5.9 - ('89 - '04) - m12 x 1.25mm x 0.700 UHL	10785
--	-------

Patriot

**DIESEL***OEM + Custom Fasteners For Your Specific Needs*

CUMMINS

Cylinder Head Components

Rocker Arm Studs

5.9 - 24V

10782

Patriot

Valve Cover Studs

Cummins - 5.9 - 12V 0 - Patriot

12 pt. Nuts

10783

Qty

6

Exhaust Manifold/Header Studs

	12 pt. Nuts	12 pt. Bolts
2nd Gen m10 w/ 7mm ext.	10250	
CR fact m10 x 1.25/ m10 x 1.5 w/ 7mm ext. hex Stainless (base)	10266	
5.9/6.7 CR m10 x 1.5 Stainless factory replacement EGR	10268	
CR fact replacement m10 w/ 7mm ext. hex Stainless (full) Base Turbo & EGR (combined)	10269	
5.9 12V Stainless w/ After Market Manifold 24V - Current (Factory long style CR Spacers - heat shield deleted)	10334	
2nd Gen m10 w/ 4mm int. Stainless	11259	
5.9 24v Stainless After Market - ir fact 24V 98.5- Current (Factory long style CR Spacers - heat shield deleted on 6.7)		11331
5.9 12V/24 Stainless - factory 12 v or w/ After Market - 24V - heavy flat washer		11332





CUMMINS

Cylinder Head Components (continued)

Turbo Mounting Hardware

	12 pt. Nuts
5.9/6.7 CR m10 x 1.5 Stainless fact replacement Turbo	10267
CR m10x1.25/m10x1.5 Stainless Mini Broach 4mm Turbo/EGR	10276
m10 x 1.25 - m10 x 1.5 t3 Turbo Stud Mount Kit - 12 pt.	10384



**DIESEL**

OEM + Custom Fasteners For Your Specific Needs

DURAMAX

Head Stud / Head Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Patriot Bolts (Hex)	Patriot Bolts (12 pt.)	TorqueMaster Bolts (12 pt.)	Custom Age (12 pt. Nuts)
LB7, LLY, LBZ, LMM, LML - '01 - '16	10286P	10286	11289	11290	10792	
L5P		10793	11324	11325	11118	
2.8L	11294					

Main Stud / Main Bolt Kits

	Patriot Studs (Hex Nuts)	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Patriot Bolts (Hex)	Patriot Bolts (12 pt.)	TorqueMaster Bolts (12 pt.)
LB7 - '01 - '06			10794			
LB7, LLY - '01 - '06 (12mm)				11291	11292	
2.8L		11293				
LBZ, LMM, LML - '06 - '16 (12mm)		11360	11359	11357	11358	
L5P		11379	11377	11380	11378	

DURAMAX Engine Block Components

Rod Bolts

	Patriot Bolt (12 pt.)	TorqueMaster Bolt (12 pt.)
LLY, LB7, LBZ, LMM		10800
L5P	11384	11385



DURAMAX

Engine Block Components (continued)

Damper Bolts

	Patriot Bolt (12 pt.)	Hardened Washer	Combined Kit
LB7, LLY, LBZ, LMM, LML, L5P	10799	11322	11323

Cam Bolts

	TorqueMaster
Camshaft Retainer Kit	11383

DURAMAX

Driveline

Flywheel Bolts

m16 x 1.5mm x 1.600 UHL	11114
-------------------------	-------

Flexplate/Torque Converter

Bolt m16 x 1.5mm x 1.775 UHL	11113
------------------------------	-------

**DIESEL***OEM + Custom Fasteners For Your Specific Needs*

DURAMAX

Cylinder Head Components

Rocker Arm Studs

'01 - '16 - TorqueMaster	11381
--------------------------	-------

Valve Cover Bolts

	12 pt.	Hex
Duramax - LB7 - Steel	11388	11387
Duramax - LB7 - Stainless	11390	11389
Duramax - LBZ, LLY, LML, LMM - Steel	11392	11391
Duramax - LBZ, LLY, LML, LMM - Stainless	11394	11393

Exhaust Manifold/Header Studs

	Hex Nuts	12 pt. Nuts	Hex Bolts	12 pt. Bolts
LB7, LLY, LBZ, LMM, LML '01 - '16 Stainless - External Hex		10801		
L5P - m8 - External Hex - Stainless		11119		
LB7, LLY, LBZ, LMM, LML '01 - '16 - OEM Stainless			11326	11327
L5P - OEM m8 - External hex Heavy Nuts Stainless	11328			
L5P - OEM m8 external hex Locking Nuts Stainless	11329			
LB7, LLY, LBZ, LMM, LML '01 - '16 Stainless - Aftermarket Manifolds all 1 length max .850 flange thickness		11330		





DURAMAX

Cylinder Head Components (continued)

Fuel Injector Hold Down Bolt

TorqueMaster '04.5 - '16	11382
--------------------------	-------

Turbo Mounting Hardware

Exhaust Up Pipe - Hex Bolts	11386
Exhaust Up Pipe - 12 pt. Bolts	11115



**DIESEL**

OEM + Custom Fasteners For Your Specific Needs

NAVISTAR / IH

Head Stud / Head Bolt Kits

400 eng - 9/16 - Standard Deck internal broach hvy 12 pt. Nut	10277	
400 eng - 9/16 - Standard Deck +5/8" length internal broach hvy 12 pt. Nut	10279	
400 eng - 9/16 - Standard Deck +1" length internal broach hvy 12 pt Nut	10280	
400 eng - 9/16 - Standard Deck internal broach ex-hvy 12 pt. Nut	10281	
400 eng - 9/16 - Standard Deck +5/8" length internal broach ex-hvy 12 pt. Nut	10282	
400 eng - 9/16 - Standard Deck +1" length internal broach ex-hvy 12 pt. Nut	10283	
400 eng - 9/16 - Standard Deck internal broach hvy hex 6 pt. Nut		10284
DT 466 - Standard Deck - Height + 2"	11049	
DT466E, DT530 9/16 - 18 x 14 - 2.0 w/ int broach hvy 12 pt. Nuts	11260	
D282 Universal Kit; Contains 16 studs 1/2 - f/c w/ hvy 12 pt. Nuts (14 pcs.)	11261	

TorqueMaster Studs
(12 pt. Nuts)TorqueMaster Studs
(Hex Nuts)

Main Stud / Main Bolt Kits

400 eng - 9/16 w/ 1" girdle (9.500 OAL) with hvy 12 pt. Nut	10285
9/16 Non-Girdle w/ 12 pt. Nuts	10342
400 eng - 9/16 with 0.750" - 1.00" girdle - 9.375 OAL with hvy 12 pt. Nuts	10409

TorqueMaster Studs
(12 pt. Nuts)



NAVISTAR / IH Engine Block Components

Rod Bolts

*TorqueMaster Bolt
(12 pt.)*

Navistar/International - DT 407	10809
Navistar/International - DT 360 - 466	10810

Oil Pan Studs & Bolts

Studs w/ 12 Pt. Nuts

5/16 - 24 w/ 1.850 thread length x 5/16 - 18 with 1/8 hex broach for use with single nut on pan or counter bore for nut in girdle and pan	10346
---	-------

NAVISTAR / IH Driveline

Flywheel Bolts

Atlas/Crower-Rursch, Hyper - w/ 0.550 thick - stock crank flange thread and thickness (16 bolt) 1/2 - 20	11112
--	-------

**DIESEL***OEM + Custom Fasteners For Your Specific Needs*

NAVISTAR / IH Cylinder Head Components

Rocker Arm Studs

Navistar/International - DT 360 - 466 - (adjusting screws for 3/8 cup)	10811
--	-------

Exhaust Manifold/Header Studs

	12 pt. Nuts
300/400 Series 7/16 f/c studs w/ ext. 5/16 hex - Stainless	10265
Detroit Series 60 - Stainless	10304

JEEP

Head Stud / Head Bolt Kits

Liberty Diesel - '05 - '09	11075
----------------------------	-------

TorqueMaster Studs
(12 pt. Nuts)



POWER STROKE

Head Stud / Head Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Patriot Bolts (Hex)	Patriot Bolts (12 pt.)	TorqueMaster Bolts (12 pt.)	Custom Age (12 pt. Nuts)	Tool Steel (12 pt. Nuts)
6.0 - m14	10270P	10270	11282		11283		
6.4L - m16		10802			11284		
6.7L - m12		10803	11340			11297	
7.3L		10804	11369		11368		
6.0 - m14 - M8 inner bolts						11296	11295
6.7			11362		11363		

Ford Ag Head Stud / Head Bolt Kit

7.8 401-474 block - 2 lengths - TorqueMaster	11120
--	-------

Main Stud / Main Bolt Kits

	Patriot Studs (12 pt. Nuts)	TorqueMaster Studs (12 pt. Nuts)	Patriot Bolts (Hex)	TorqueMaster Bolts (12 pt.)
6.0 - m14		10271		
6.4L		10805		
6.7L		10806		
6.7	11366	11367	11364	11365
6.0 - m14 w/ side bolts	11372		11371	11370
6.4 - m14				11373
6.4	11375	11376	11374	
7.3 - Thru '03 production - 4-bolt Kit			11321	11320

**DIESEL**

OEM + Custom Fasteners For Your Specific Needs

POWER STROKE Engine Block Components

Rod Bolts

	Patriot Bolts (12 pt.)	Patriot Bolts (Hex)	TorqueMaster Bolt (12 pt.)	Patriot Bolts w/ Hex Nuts	TorqueMaster Bolts w/ 12 pt. Nuts
7.3 - Powdered Metal Late 2000 - 2003		11306	11305		
6.0 - 6.4	11303		11304		
7.3 - Forged Slab Bolts '94 - '00				11312	11311

Damper Bolts

	Patriot 12 pt.
6.0 - 6.4L - 12 Pt. (Wrenching with Washer)	11107
6.7L - 12 Pt. (Wrenching with Washer)	11108



POWER STROKE Driveline

Flywheel Bolts

Patriot 12 pt.

6.0L / 6.4L (Single Mass) - m10 x 1.00mm x 2.015 UHL	11109
6.4L - Crank Flange Adaptor m12 x 1.25mm x 2.425 UHL	11110
6.7L - m12 x 1.5mm x 1.825 UHL	11111

Flexplate/Torque Converter

Patriot 12 pt.

6.0/6.4 - 1.245 uhl m10 x1.0mm 12 pt flat head	11355
6.7 - 1.820 uhl m12 x1.5mm 12 pt flat head	11356



**DIESEL***OEM + Custom Fasteners For Your Specific Needs*

POWER STROKE Cylinder Head Components

Exhaust Manifold/Header Studs

	Hex Nuts	12 pt. Nuts	Hex Bolts	12 pt. Bolts
6.0-6.4 Stainless with spacers Non-EGR		10287	11339	11333
6.4L - Stainless		10807		
6.7L - Stainless		10808		
7.3 - Stainless - wedge grip threads	11353	11354	11335	11334
6.7 Stainless with spacers includes heat shield bolt mount		11345		11346
6.4 Stainless with spacers with egr mount			11342	11341

Inner Bolts Only

6.0L (12 pt.) - Inner Head Bolts	11228
----------------------------------	-------

Turbo Mounting Hardware

Ford 6.0/7.3 Stainless Up Pipe Hex Bolt Kit w/ Hex Nuts	11337
Ford 6.0/7.3 Stainless Up Pipe 12 pt. Bolt Kit w/ 12 pt. Nuts	11336
Ford 6.4 Stainless Up Pipe Stud Kit w/ Hex Nuts	11344
Ford 6.4 Stainless Up Pipe Stud Kit w/ 12 pt. Nuts	11343





Visit us at optitorque.com for our full lineup of Performance Engine, Suspension, and PowerTrain System Hardware. Parts are available for Polaris, Can-Am Side-By-Side vehicles, and Harley Davidson.





BULK / GENERAL HARDWARE

OEM + Custom Fasteners For Your Specific Needs

Carburetor Studs

Length	Diameter	Patriot Studs	Stainless Steel
1.705 OAL	5/16	10813	10814
2.045 OAL	5/16	10815	10816
2.220 OAL	5/16	10817	10818
2.705 OAL	5/16	10819	10820
3.045 OAL	5/16	10821	10822
3.195 OAL	5/16	10823	10824
4.395 OAL	5/16	10825	10826
4.695 OAL	5/16	10827	10828

Stainless Accessory Studs

Metric/Imperial Stainless Accessory Studs with External Hex & Internal Broach. Lengths from 1/2" - 5"

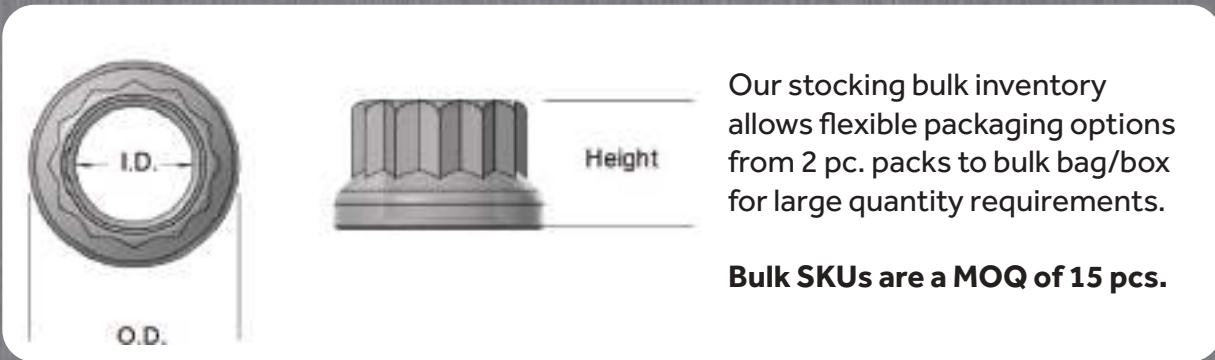
	Internal Broach	External Hex	Inconel
m8/1.25	10857	10858	
3/8"	10859	10860	
m10/1.25	10861	10862	
m10/1.25 - 1.5	10863	10864	
m11/1.25	10865	10866	
7/16"	10867	10868	10869
m12	10870		10871
1/2"	10872		10873

Turbo Studs

	Internal Broach	External Hex	Inconel
T3 Turbine Housing Base	10384		
T4 Foot Turbine Housing Base	10874	10875	
T6 Foot Turbine Housing Base	10876	10877	



Bulk Nuts - Imperial / SAE



Part Number	Material	Thread Size	Wrench	Height		2 pack Part Number	10 pack Part Number
10332	Steel Black Oxide	9/16-18	7/8	.485	Hex	11689	11690
10333	Steel Black Oxide	9/16-18	3/4	.750	Hex	11691	11692
10335	Stainless Steel	7/16-20	11/16	.630	Hex	11687	11688
10361	Steel Black Oxide	5/8-18	15/16	.850	Hex	11693	11694

Part Number	Material	Thread Size	Wrench	Collar	Height	Flange Hex-12pt	2 pack Part Number	10 pack Part Number
11680	Steel Black Oxide	1/4-20	0.3125	0.433	0.300	12pt	11681	11682
10979	Steel Black Oxide	1/4-28	0.3125	0.433	0.300	12pt	11678	11679
11458	Stainless Steel	1/4-28	0.3125	0.433	0.300	12pt	11459	11460
10971	Steel Black Oxide	1/4-28	0.4375	0.535	0.300	Hex	11676	11677
11668	Steel Zinc	1/4-28	0.4375	0.590	0.235	Hex	11674	11675
11496	Steel Black Oxide	5/16-18	0.3750	0.535	0.360	12pt	11497	11498
11471	Stainless Steel	5/16-18	0.3750	0.535	0.360	12 pt	11472	11473
11493	Steel Zinc	5/16-18	0.5000	0.700	0.290	Hex	11494	11495
11490	Steel Black Oxide	5/16-24	0.3750	0.590	0.270	Hex	11491	11492
10937	Steel Black Oxide	5/16-24	0.5000	0.590	0.360	Hex	11483	11484
10939	Steel Zinc	5/16-24	0.5000	0.700	0.290	Hex	11485	11486
10936	Steel Black Oxide	5/16-24	0.3750	0.535	0.360	12pt	11488	11489
11455	Stainless Steel	5/16-24	0.3750	0.535	0.360	12pt	11456	11457



BULK / GENERAL HARDWARE

OEM + Custom Fasteners For Your Specific Needs

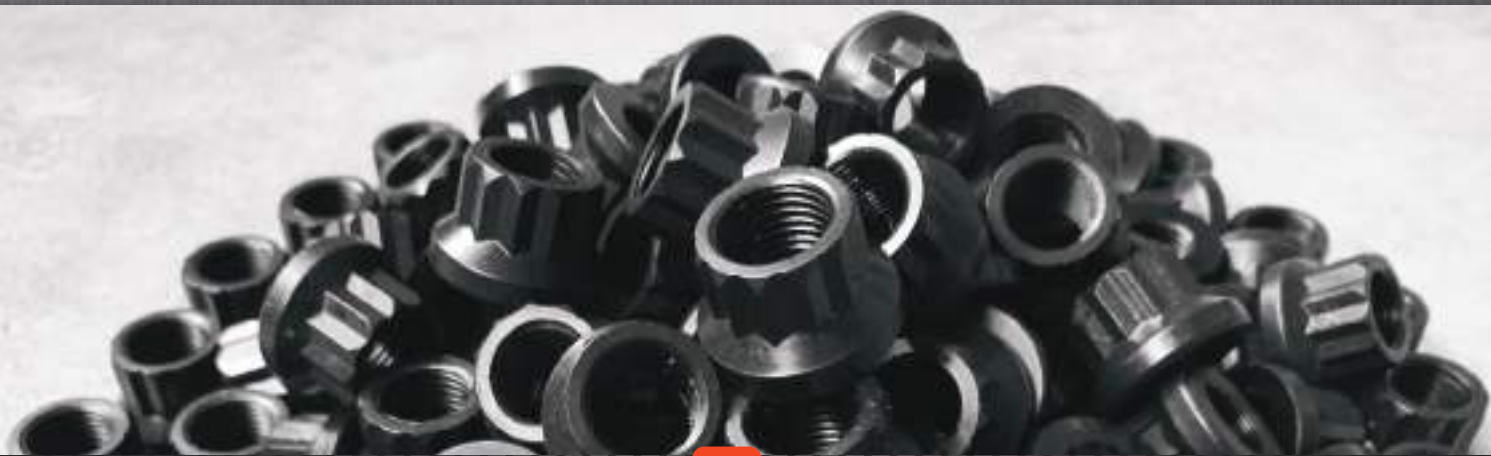
Bulk Nuts - Imperial / SAE (continued)

Part Number	Material	Thread Size	Wrench	Collar	Height	Flange Hex-12pt	2 pack Part Number	10 pack Part Number
10343	Steel Black Oxide	5/16-24	0.4375	0.625	0.390	12pt	11672	11673
10938	Stainless Steel	5/16-24	0.4375	0.625	0.390	12pt	11479	11480
11669	Steel Black Oxide	3/8-16	0.4375	0.625	0.390	12pt	116700	11671
11452	Stainless Steel	3/8-16	0.4375	0.625	0.390	12pt	11453	11454
11062	Steel Black Oxide	3/8-24	0.4375	0.625	0.390	12pt	11665	10944
11449	Stainless Steel	3/8-24	0.4375	0.625	0.390	12pt	11450	11451
10946	Steel Black Oxide	3/8-24	0.5000	0.625	0.350	12pt	11663	11664
10344	Steel Black Oxide	3/8-24	0.5000	0.700	0.425	12pt	11590	11591
10945	Stainless Steel	3/8-24	0.5000	0.700	0.440	12pt	11474	11475
10947	Steel Black Oxide	3/8-24	0.5000	0.700	0.340	12pt	11661	11662
10943	Steel Black Oxide	3/8-24	0.5625	0.700	0.410	Hex	11667	10942
11658	Steel Black Oxide	7/16-14	0.5000	0.700	0.440	12pt	11659	11660
10973	Steel Black Oxide	7/16-14	0.6250	0.740	0.410	Hex	11656	11657
10974	Steel Black Oxide	7/16-20	0.5000	0.625	0.350	12pt	11654	11655
10345	Steel Black Oxide	7/16-20	0.5000	0.700	0.440	12pt	11652	11653
10956	Stainless Steel	7/16-20	0.5000	0.700	0.440	12pt	11461	11462
10790	Steel Black Oxide	7/16-20	0.5625	0.825	0.475	12pt	11650	11651
10972	Steel Black Oxide	7/16-20	0.6250	0.825	0.500	12pt	11648	11649
10955	Steel Black Oxide	7/16-20	0.5625	0.700	0.450	Hex	11646	11647
10957	Steel Black Oxide	7/16-20	0.6250	0.740	0.410	Hex	11644	11645
10958	Steel Black Oxide	7/16-20	0.6875	0.825	0.410	Hex	11642	11643
11639	Steel Black Oxide	1/2-13	0.6250	0.825	0.500	12pt	11640	11641
11446	Stainless Steel	1/2-13	0.6250	0.825	0.500	12pt	11447	11448
11636	Steel Black Oxide	1/2-20	0.6250	0.825	0.460	12pt	11637	11638
11633	Steel Black Oxide	1/2-20	0.6250	0.825	0.500	12pt	11683	11684
10966	Stainless Steel	1/2-20	0.6250	0.825	0.500	12pt	11467	11468
10372	Steel Black Oxide	1/2-20	0.6250	0.875	0.530	12pt	11634	11635
10964	Steel Black Oxide	1/2-20	0.6875	0.875	0.625	12pt	11631	11632
10965	Steel Black Oxide	1/2-20	0.6875	0.950	0.650	12pt	11629	11630



Bulk Nuts - Imperial / SAE (continued)

Part Number	Material	Thread Size	Wrench	Collar	Height	Flange Hex-12pt	2 pack Part Number	10 pack Part Number
10963	Steel Black Oxide	1/2-20	0.7500	0.875	0.500	Hex	10967	10968
10976	Steel Black Oxide	9/16-12	0.6875	0.950	0.650	12pt	11627	11628
10255	Steel Black Oxide	9/16-18	0.6875	0.950	0.650	12pt	11625	11626
10975	Stainless Steel	9/16-18	0.6875	0.950	0.650	12pt	11469	11470
10977	Steel Black Oxide	9/16-18	0.6875	0.950	0.625	Hex	11623	11624
10256	Steel Black Oxide	9/16-18	0.7500	0.980	0.700	12pt	11685	11686
10978	Steel Black Oxide	5/8-11	0.7500	1.050	0.650	12pt	11621	11622
10262	Steel Black Oxide	5/8-18	0.7500	1.050	0.650	12pt	11619	11620
10980	Steel Black Oxide	5/8-18	0.8750	1.230	0.700	12pt	11617	11618
10982	Steel Black Oxide	3/4-10	1.0000	1.375	0.930	12pt	11615	11616
10983	Steel Black Oxide	3/4-10	1.1250	1.550	0.900	Hex	11613	11614
10378	Steel Black Oxide	3/4-16	1.0000	1.375	0.930	12pt	11611	11612
10984	Steel Black Oxide	3/4-16	1.1250	1.550	0.900	12 pt	11609	11610
10990	Steel Black Oxide	3/4-16	1.1250	1.550	0.900	Hex	11607	11608
10986	Steel Black Oxide	7/8-9	1.3750	1.750	1.000	Hex	11599	11600
10985	Steel Black Oxide	7/8-14	1.3750	1.750	1.000	Hex	11597	11598
11594	Steel Black Oxide	7/8-9	1.2500	1.750	1.100	12pt	11595	11596
10812	Steel Black Oxide	7/8-14	1.2500	1.750	1.100	12pt	11592	11593
10989	Steel Black Oxide	1-8	1.5000	2.000	1.100	Hex	11605	11606
10988	Steel Black Oxide	1-12	1.5000	2.000	1.100	Hex	11603	11604
10987	Steel Black Oxide	1-14	1.5000	2.000	1.100	Hex	11601	11602





BULK / GENERAL HARDWARE

OEM + Custom Fasteners For Your Specific Needs

Bulk Nuts - Metric

Part Number	Material	Thread Size	Wrench	Collar	Height	Flange Hex-12pt	2 pack Part Number	10 pack Part Number
11587	Steel Black Oxide	m6-1.0	8mm	0.433	0.250	12pt	11587	11589
11443	Stainless Steel	m6-1.0	8mm	0.433	0.250	12pt	11444	11445
10940	Steel Black Oxide	m8-1.0	10mm	0.535	0.330	12pt	11499	11500
11440	Stainless Steel	m8-1.0	10mm	0.535	0.330	12pt	11441	11442
11510	Steel Black Oxide	m8-1.0	12mm	0.690	0.370	12pt	11511	11512
11437	Stainless Steel	m8-1.0	12mm	0.690	0.370	12pt	11438	11439
11507	Steel Black Oxide	m8-1.25	10mm	0.535	0.330	12pt	11508	11509
11476	Stainless Steel	m8-1.25	10mm	0.535	0.330	12pt	11477	11478
11504	Steel Black Oxide	m8-1.25	11mm	0.625	0.330	12pt	11505	11506
11501	Steel Black Oxide	m8-1.25	12mm	0.690	0.370	12pt	11502	11503
10941	Stainless Steel	m8-1.25	12mm	0.690	0.370	12pt	11481	11482
11528	Steel Black Oxide	m9-1.0	11mm	0.625	0.330	12pt	11529	11530
11525	Steel Black Oxide	m9-1.0	12mm	0.690	0.325	12pt	11526	11527
11434	Stainless Steel	m9-1.0	12mm	0.690	0.325	12pt	11435	11436
11522	Steel Black Oxide	m9-1.0	12mm	0.690	0.370	12pt	11523	11524
11431	Stainless Steel	m9-1.0	12mm	0.690	0.370	12pt	11432	11433
11519	Steel Black Oxide	m9-1.25	11mm	0.625	0.330	12pt	11520	11521
11516	Steel Black Oxide	m9-1.25	12mm	0.690	0.325	12pt	11517	11518
11428	Stainless Steel	m9-1.25	12mm	0.690	0.325	12pt	11429	11430
11513	Steel Black Oxide	m9-1.25	12mm	0.690	0.370	12pt	11514	11515
11425	Stainless Steel	m9-1.25	12mm	0.690	0.370	12pt	11426	11427
11543	Steel Black Oxide	m10-1.0	12mm	0.690	0.390	12pt	11544	11545
11422	Stainless Steel	m10-1.0	12mm	0.690	0.390	12pt	11423	11424
11540	Steel Black Oxide	m10-1.25	12mm	0.590	0.325	12pt	11541	11542
11537	Steel Black Oxide	m10-1.25	12mm	0.625	0.390	12pt	11538	11539
11419	Stainless Steel	m10-1.25	12mm	0.625	0.390	12pt	11420	11421
10950	Steel Black Oxide	m10-1.25	12mm	0.690	0.390	12pt	11535	11536
11416	Stainless Steel	m10-1.25	12mm	0.690	0.390	12pt	11417	11418



Bulk Nuts - Metric (continued)

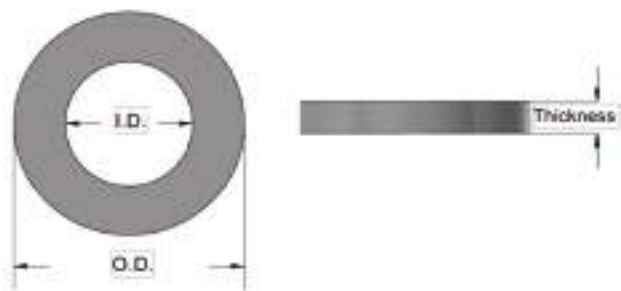
Part Number	Material	Thread Size	Wrench	Collar	Height	Flange Hex-12pt	2 pack Part Number	10 pack Part Number
10251	Stainless Steel	m10-1.25	12mm	0.700	0.425	12pt	11811	11812
10949	Steel Black Oxide	m10-1.25	16mm	0.825	0.450	12pt	11533	11534
10948	Steel Black Oxide	m10-1.50	12mm	0.690	0.390	12pt	11531	11532
11413	Stainless Steel	m10-1.50	12mm	0.690	0.390	12pt	11414	11415
10951	Steel Black Oxide	m11-1.25	14mm	0.825	0.500	12pt	11546	11547
10952	Stainless Steel	m11-1.25	14mm	0.825	0.511	12pt	11463	11464
11571	Steel Black Oxide	m12-1.00	14mm	0.740	0.500	12pt	11572	11573
11410	Stainless Steel	m12-1.00	14mm	0.740	0.500	12pt	11411	11412
11568	Steel Black Oxide	m12-1.25	14mm	0.690	0.500	12pt	11569	11570
11565	Steel Black Oxide	m12-1.25	14mm	0.740	0.500	12pt	11566	11567
11407	Stainless Steel	m12-1.25	14mm	0.740	0.500	12pt	11408	11409
11560	Steel Black Oxide	m12-1.25	14mm	0.825	0.500	12pt	11561	11562
10410	Steel Black Oxide	m12-1.25	16mm	0.825	0.480	12pt	11563	11564
11404	Stainless Steel	m12-1.25	14mm	0.825	0.500	12pt	11405	11406
11557	Steel Black Oxide	m12-1.25	16mm	0.825	0.385	12pt	11558	11559
11554	Steel Black Oxide	m12-1.25	16mm	0.825	0.500	12pt	11555	11556
11401	Stainless Steel	m12-1.25	16mm	0.825	0.500	12pt	11402	11403
10962	Steel Black Oxide	m12-1.25	16mm	0.875	0.535	12pt	11552	11553
11398	Stainless Steel	m12-1.25	16mm	0.875	0.535	12pt	11399	11400
10960	Steel Black Oxide	m12-1.50	14mm	0.825	0.500	12pt	11550	11551
11395	Stainless Steel	m12-1.50	14mm	0.825	0.500	12pt	11396	11397
10959	Steel Black Oxide	m12-1.75	14mm	0.825	0.500	12pt	11548	11549
10961	Stainless Steel	m12-1.75	14mm	0.825	0.500	12pt	11465	11466
11574	Steel Black Oxide	m13-1.0	19mm	0.950	0.650	12 pt	11575	11576
11577	Steel Black Oxide	m13-1.25	19mm	0.950	0.650	12 pt	11578	11579
10969	Steel Black Oxide	m14-1.25	16mm	0.875	0.625	12pt	11580	11581
10970	Steel Black Oxide	m14-1.25	19mm	1.050	0.650	12pt	11582	11583
11584	Steel Black Oxide	m16-1.25	19mm	1.230	0.700	12pt	11585	11586



BULK / GENERAL HARDWARE

OEM + Custom Fasteners For Your Specific Needs

Bulk Washers - Imperial / SAE



Our washers are manufactured from domestic melted hardened clean steel. Stamped, machined and dual disc ground. Inventory is available in 2 pc. packs to bulk bag/box count to meet our customers needs.

Bulk SKUs are a MOQ of 15 pcs.

	Type	Internal Diameter (I.D.)	Outer Diameter (O.D.)	Thickness	Material	Bulk
11695	Flat	1/4	0.550	0.078	Steel	•
11696	Flat	1/4	0.550	0.078	Steel	
11697	Flat	1/4	0.550	0.078	Steel	
11698	Flat	1/4	0.550	0.078	Steel	•
11699	Flat	1/4	0.550	0.078	Steel	
11700	Flat	1/4	0.550	0.078	Steel	
11701	Chamfered	1/4	0.550	0.078	Steel	•
11702	Chamfered	1/4	0.550	0.078	Steel	
11703	Chamfered	1/4	0.550	0.078	Steel	
10537	Flat	5/16	0.550	0.095	Steel	•
11704	Flat	5/16	0.550	0.095	Steel	
11705	Flat	5/16	0.550	0.095	Steel	
11706	Chamfered	5/16	0.550	0.095	Steel	•
11707	Chamfered	5/16	0.550	0.095	Steel	
11708	Chamfered	5/16	0.550	0.095	Steel	
10878	Flat	5/16	0.655	0.078	Steel	•
11709	Flat	5/16	0.655	0.078	Steel	
11710	Flat	5/16	0.655	0.078	Steel	



Bulk Washers - Imperial / SAE (continued)

	Type	Internal Diameter (I.D.)	Outer Diameter (O.D.)	Thickness	Material	Bulk
10881	Flat	5/16	0.655	0.078	Steel	•
11711	Flat	5/16	0.655	0.078	Steel	
11712	Flat	5/16	0.655	0.078	Steel	
11713	Chamfered	5/16	0.655	0.078	Steel	•
11714	Chamfered	5/16	0.655	0.078	Steel	
11715	Chamfered	5/16	0.655	0.078	Steel	
10535	Flat	5/16	0.680	0.125	Steel	•
10879	Flat	5/16	0.680	0.125	Steel	
11716	Flat	5/16	0.680	0.125	Steel	
11717	Chamfered	5/16	0.680	0.125	Steel	•
11718	Chamfered	5/16	0.680	0.125	Steel	
11719	Chamfered	5/16	0.680	0.125	Steel	
10880	Flat	5/16	0.812	0.125	Steel	•
11720	Flat	5/16	0.812	0.125	Steel	
11721	Flat	5/16	0.812	0.125	Steel	
11064	Flat	3/8	0.625	0.125	Steel	•
11722	Flat	3/8	0.625	0.125	Steel	
11723	Flat	3/8	0.625	0.125	Steel	
11724	Flat	3/8	0.655	0.090	Steel	•
11725	Flat	3/8	0.655	0.090	Steel	
11726	Flat	3/8	0.655	0.090	Steel	
11727	Flat	3/8	0.655	0.090	Steel	•
11728	Flat	3/8	0.655	0.090	Steel	
11729	Flat	3/8	0.655	0.090	Steel	
11730	Chamfered	3/8	0.655	0.090	Steel	•
11731	Chamfered	3/8	0.655	0.090	Steel	
11732	Chamfered	3/8	0.655	0.090	Steel	
11733	Flat	3/8	0.675	0.125	Steel	•



BULK / GENERAL HARDWARE

OEM + Custom Fasteners For Your Specific Needs

Bulk Washers - Imperial / SAE (continued)

	Type	Internal Diameter (I.D.)	Outer Diameter (O.D.)	Thickness	Material	Bulk
11734	Flat	3/8	0.675	0.125	Steel	
11735	Flat	3/8	0.675	0.125	Steel	
10534	Flat	3/8	0.750	0.125	Steel	•
11736	Flat	3/8	0.750	0.125	Steel	
10787	Flat	3/8	0.750	0.125	Steel	
10252	Flat	3/8	0.750	0.125	Steel	•
11737	Flat	3/8	0.750	0.125	Steel	
11738	Flat	3/8	0.750	0.125	Steel	
10884	Chamfered	3/8	0.750	0.125	Steel	•
10885	Chamfered	3/8	0.750	0.125	Steel	
10887	Chamfered	3/8	0.750	0.125	Steel	
10886	Chamfered	3/8	1.200	0.125	Steel	•
11739	Chamfered	3/8	1.200	0.125	Steel	
11740	Chamfered	3/8	1.200	0.125	Steel	
11741	Chamfered	7/16	.0675	0.062		•
11742	Chamfered	7/16	.0675	0.062		
11743	Chamfered	7/16	.0675	0.062		
11744	Flat	7/16	.0700	0.090		•
11745	Flat	7/16	.0700	0.090		
11746	Flat	7/16	.0700	0.090		
11747	Chamfered	7/16	0.750	0.075		•
11748	Chamfered	7/16	0.750	0.075		
11749	Chamfered	7/16	0.750	0.075		
10536	Flat	7/16	0.750	0.125		•
11063	Flat	7/16	0.750	0.125		
10898	Flat	7/16	0.750	0.125		
10896	Chamfered	7/16	0.750	0.125		•
11750	Chamfered	7/16	0.750	0.125		



Bulk Washers - Imperial / SAE (continued)

	Type	Internal Diameter (I.D.)	Outer Diameter (O.D.)	Thickness	Material	Bulk
10895	Chamfered	7/16	0.750	0.125		
11751	Flat	7/16	0.770	0.090		•
11752	Flat	7/16	0.770	0.090		
11753	Flat	7/16	0.770	0.090		
10897	Flat	7/16	0.812	0.125		•
11754	Flat	7/16	0.812	0.125		
11755	Flat	7/16	0.812	0.125		
11067	Chamfered	7/16	0.812	0.125		•
11756	Chamfered	7/16	0.812	0.125		
11757	Chamfered	7/16	0.812	0.125		
11758	Chamfered	7/16	0.812	0.125		•
11759	Chamfered	7/16	0.812	0.125		
11760	Chamfered	7/16	0.812	0.125		
10383	Flat	7/16	0.875	0.125		•
11761	Flat	7/16	0.875	0.125		
11762	Flat	7/16	0.875	0.125		
11763	Chamfered	7/16	0.875	0.125		•
11764	Chamfered	7/16	0.875	0.125		
11765	Chamfered	7/16	0.875	0.125		
10538	Flat	7/16	0.995	0.125		•
11766	Flat	7/16	0.995	0.125		
11767	Flat	7/16	0.995	0.125		
11768	Flat	7/16	1.300	0.125		•
11769	Flat	7/16	1.300	0.125		
11770	Flat	7/16	1.300	0.125		
10257	Flat	1/2	0.875	0.125	Steel	•
10909	Flat	1/2	0.875	0.125	Steel	
10907	Flat	1/2	0.875	0.125	Steel	



BULK / GENERAL HARDWARE

OEM + Custom Fasteners For Your Specific Needs

Bulk Washers - Imperial / SAE (continued)

	Type	Internal Diameter (I.D.)	Outer Diameter (O.D.)	Thickness	Material	Bulk
10905	Chamfered	1/2	0.875	0.125	Steel	•
10908	Chamfered	1/2	0.875	0.125	Steel	
10906	Chamfered	1/2	0.875	0.125	Steel	
11771	Flat	1/2	1.080	0.160	Steel	•
11772	Flat	1/2	1.080	0.160	Steel	
11773	Flat	1/2	1.080	0.160	Steel	
11774	Flat	1/2	1.300	0.125	Steel	•
10923	Flat	1/2	1.300	0.125	Steel	
10924	Flat	1/2	1.300	0.125	Steel	
10254	Flat	9/16	0.995	0.125	Steel	•
10918	Flat	9/16	0.995	0.125	Steel	
10919	Flat	9/16	0.995	0.125	Steel	
10915	Chamfered	9/16	0.995	0.125	Steel	•
10916	Chamfered	9/16	0.995	0.125	Steel	
10917	Chamfered	9/16	0.995	0.125	Steel	
10328	Flat	5/8	1.120	0.120	Steel	•
10347	Flat	5/8	1.160	0.145	Steel	•
10920	Flat	5/8	1.300	0.120	Steel	•
10921	Flat	5/8	1.600	0.270	Steel	•
10922	Chamfered	5/8	2.000	0.270	Steel	•
10928	Chamfered	3/4	1.370	0.200	Steel	•
10929	Chamfered	3/5	1.720	0.270	Steel	•
10930	Chamfered	3/6	2.000	0.270	Steel	•
10931	Flat	3/4	2.000	0.175	Stainless	•
10932	Flat	7/8	2.250	0.190	Steel	•
10933	Flat	7/8	2.250	0.190	Stainless	•
10934	Flat	1.00	2.500	0.190	Steel	•
10935	Flat	1.00	2.500	0.191	Stainless	•



Bulk Washers - Metric

	Type	Internal Diameter (I.D.)	Outer Diameter (O.D.)	Thickness	Material	Bulk
11775	Flat	m6	25.1mm (0.990)	1.7mm (0.065)	Steel	•
11776	Flat	m6	25.1mm (0.990)	1.7mm (0.065)	Steel	
11777	Flat	m6	25.1mm (0.990)	1.7mm (0.065)	Steel	
11778	Flat	m6	14.5mm (0.575)	1.7mm (0.065)	Steel	•
11779	Flat	m6	14.5mm (0.575)	1.7mm (0.065)	Steel	
11780	Flat	m6	14.5mm (0.575)	1.7mm (0.065)	Steel	
10882	Flat	m6	17.1mm (0.675)	3.2mm (0.125)	Steel	•
10883	Flat	m6	17.1mm (0.675)	3.2mm (0.125)	Steel	
11781	Flat	m6	17.1mm (0.675)	3.2mm (0.125)	Steel	
11782	Flat	m9	17.1mm (0.675)	3.2mm (0.125)	Steel	•
11783	Flat	m9	17.1mm (0.675)	3.2mm (0.125)	Steel	
11784	Flat	m9	17.1mm (0.675)	3.2mm (0.125)	Steel	
11069	Flat	m9	20.5mm (0.813)	3.2mm (0.125)	Steel	•
11785	Flat	m9	20.5mm (0.813)	3.2mm (0.125)	Steel	
11786	Flat	m9	20.5mm (0.813)	3.2mm (0.125)	Steel	
11787	Chamfered	m9	20.5mm (0.813)	3.2mm (0.125)	Steel	•
11788	Chamfered	m9	20.5mm (0.813)	3.2mm (0.125)	Steel	
11789	Chamfered	m9	20.5mm (0.813)	3.2mm (0.125)	Steel	
10888	Flat	m10	19.0mm (0.750)	3.2mm (0.125)	Steel	•
10889	Flat	m10	19.0mm (0.750)	3.2mm (0.125)	Steel	
10890	Flat	m10	19.0mm (0.750)	3.2mm (0.125)	Steel	
10252	Flat	m10	19.0mm (0.750)	3.2mm (0.125)	Stainless	•
11790	Flat	m10	19.0mm (0.750)	3.2mm (0.125)	Stainless	
11791	Flat	m10	19.0mm (0.750)	3.2mm (0.125)	Stainless	
11792	Flat	m10	20.5mm (0.813)	3.2mm (0.125)	Steel	•
10891	Flat	m10	20.5mm (0.813)	3.2mm (0.125)	Steel	
11070	Flat	m10	20.5mm (0.813)	3.2mm (0.125)	Steel	
10892	Flat	m11	22.2mm (0.875)	3.2mm (0.125)	Steel	•



BULK / GENERAL HARDWARE

OEM + Custom Fasteners For Your Specific Needs

Bulk Washers - Metric (continued)

	Type	Internal Diameter (I.D.)	Outer Diameter (O.D.)	Thickness	Material	Bulk
10893	Flat	m11	22.2mm (0.875)	3.2mm (0.125)	Steel	
10894	Flat	m11	22.2mm (0.875)	3.2mm (0.125)	Steel	
11793	Flat	m12	19.0mm (0.750)	3.2mm (0.125)	Steel	•
11794	Flat	m12	19.0mm (0.750)	3.2mm (0.125)	Steel	
11795	Flat	m12	19.0mm (0.750)	3.2mm (0.125)	Steel	
10411	Flat	m12	22.2mm (0.875)	3.2mm (0.125)	Steel	•
11796	Flat	m12	22.2mm (0.875)	3.2mm (0.125)	Steel	
11797	Flat	m12	22.2mm (0.875)	3.2mm (0.125)	Steel	
11798	Chamfered	m12	22.2mm (0.875)	3.2mm (0.125)	Steel	•
11799	Chamfered	m12	22.2mm (0.875)	3.2mm (0.125)	Steel	
11800	Chamfered	m12	22.2mm (0.875)	3.2mm (0.125)	Steel	
10901	Flat	m12	25.0mm (0.995)	3.2mm (0.125)	Steel	•
10902	Flat	m12	25.0mm (0.995)	3.2mm (0.125)	Steel	
10903	Flat	m12	25.0mm (0.995)	3.2mm (0.125)	Steel	
10904	Chamfered	m12	25.0mm (0.995)	3.2mm (0.125)	Steel	•
11801	Chamfered	m12	25.0mm (0.995)	3.2mm (0.125)	Steel	
11068	Chamfered	m12	25.0mm (0.995)	3.2mm (0.125)	Steel	
11802	Flat	m13	25.0mm (0.995)	3.2mm (0.125)	Steel	•
11803	Flat	m13	25.0mm (0.995)	3.2mm (0.125)	Steel	•
11804	Flat	m13	25.0mm (0.995)	3.2mm (0.125)	Steel	•
11805	Chamfered	m13	25.0mm (0.995)	3.2mm (0.125)	Steel	•
11806	Chamfered	m13	25.0mm (0.995)	3.2mm (0.125)	Steel	•
11807	Chamfered	m13	25.0mm (0.995)	3.2mm (0.125)	Steel	•
10910	Flat	m14	22.2mm (0.875)	3.2mm (0.125)	Steel	•
10911	Flat	m14	22.2mm (0.875)	3.2mm (0.125)	Steel	
10912	Flat	m14	22.2mm (0.875)	3.2mm (0.125)	Steel	
10913	Flat	m14	22.2mm (0.875)	3.2mm (0.125)	Stainless	•
10914	Flat	m14	22.2mm (0.875)	3.2mm (0.125)	Stainless	



Bulk Washers - Metric (continued)

	Type	Internal Diameter (I.D.)	Outer Diameter (O.D.)	Thickness	Material	Bulk
11808	Flat	m14	22.2mm (0.875)	3.2mm (0.125)	Stainless	
10925	Flat	m16	28.4mm (1.120)	3.2mm (0.125)	Steel	•
10926	Flat	m16	28.4mm (1.120)	3.2mm (0.125)	Steel	
10927	Flat	m16	28.4mm (1.120)	3.2mm (0.125)	Steel	
11322	Flat	m18	101.5mm (3.996)	10.2mm (0.400)	Steel	•





BULK / GENERAL HARDWARE

OEM + Custom Fasteners For Your Specific Needs

Studs

Part Number	Material	Thread Size (Fine)	Thread Size (Coarse)	Diameter	Broach	OAL
10253	Stainless Steel	1.25mm	1.5mm	m10	7mm ext hex	2.150
10290	Stainless Steel	1.5mm	1.5mm	m10	N/A	1.970
10305	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	4.250
10306	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	5.000
10307	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	5.375
10308	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	5.830
10309	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	6.250
10310	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	6.780
10311	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	7.250
10312	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	7.700
10313	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	7.900
10314	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	8.055
10315	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	8.300
10316	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	8.750
10317	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	9.050
10318	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	9.500
10319	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	9.800
10320	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	10.250
10321	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	10.500
10322	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	10.750
10323	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	10.875
10324	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	11.250
10325	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	12.000
10326	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	12.001 - 14.950
10327	Steel Black Oxide	9/16 - 18	9/16 - 12	9/16	3/16	14.951 - 18.000
10336	Stainless Steel	1.25mm	1.5mm	m10	7mm ext hex	3.900
10337	Stainless Steel	1.25mm	1.5mm	m10	7mm ext hex	4.300

BULK / GENERAL HARDWARE

OEM + Custom Fasteners For Your Specific Needs



Studs (continued)

Part Number	Material	Thread Size (Fine)	Thread Size (Coarse)	Diameter	Broach	OAL
10348	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	6.500
10349	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	7.000
10350	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	7.250
10351	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	8.375
10352	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	8.650
10353	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	8.875
10354	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	9.250
10355	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	9.650
10356	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	9.875
10357	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	10.650
10358	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	11.250
10359	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	11.650
10360	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	12.000
10385	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	7.700
10386	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	8.000
10387	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	9.000
10388	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	9.400
10389	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	10.250
10390	Stainless Steel	1/2 - 20	1/2 - 13	1/2	3/16	11.500
10391	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	13.000
10395	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	5.850
10399	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	6.580
10400	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	6.880
10789	Steel Black Oxide	1/2 - 20 - (1.250 TL)	1/2 - 13 - (2.100 TL)	1/2	7/8	5.310 w/ nipple
11050	Steel Black Oxide	3/8 - 24 - (1.000 TL)	7/16 - 14 - (.750 TL)	3/8 / 7/16	5/32 Hex	2.250
10353	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	8.875
10354	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	9.250



BULK / GENERAL HARDWARE

OEM + Custom Fasteners For Your Specific Needs

Studs (continued)

Part Number	Material	Thread Size (Fine)	Thread Size (Coarse)	Diameter	Broach	OAL
10355	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	9.650
10356	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	9.875
10357	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	10.650
10358	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	11.250
10359	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	11.650
10360	Steel Black Oxide	5/8 - 18	5/8 - 11	5/8	3/16	12.000
10385	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	7.700
10386	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	8.000
10387	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	9.000
10388	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	9.400
10389	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	10.250
10390	Stainless Steel	1/2 - 20	1/2 - 13	1/2	3/16	11.500
10391	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	13.000
10395	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	5.850
10399	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	6.580
10400	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16	6.880
10789	Steel Black Oxide	1/2 - 20 - (1.250 TL)	1/2 - 13 - (2.100 TL)	1/2	7/8	5.310 w/ nipple
11050	Steel Black Oxide	3/8 - 24 - (1.000 TL)	7/16 - 14 - (.750 TL)	3/8 / 7/16	5/32 Hex	2.250
11051	Steel Black Oxide	1/2 - 20	1/2 - 13 - (1.250 TL)	1/2	3/16 Hex	4.400
11052	Steel Black Oxide	1/2 - 20	1/2 - 13 - (1.250 TL)	1/2	3/16 Hex	5.750
11053	Steel Black Oxide	1/2 - 20	1/2 - 13 - (1.250 TL)	1/2	3/16 Hex	5.250
11054	Steel Black Oxide	1/2 - 20	1/2 - 13 - (1.250 TL)	1/2	3/16 Hex	4.750
11055	Steel Black Oxide	1/2 - 20	1/2 - 13 - (1.250 TL)	1/2	3/16 Hex	4.060
11056	Steel Black Oxide	3/8 - 24 - (.750 TL)	3/8 - 16 - (.500 TL)	3/8	5/32 Hex	2.160
11057	Steel Black Oxide	3/8 - 24 - (.750 TL)	3/8 - 16 (.750 TL)	3/8	5/32 Hex	2.500
11058	Steel Black Oxide	7/16 - 20 (1.000 TL)	7/16 - 14 (.750 TL)	7/16	5/32 Hex	2.235
11059	Steel Black Oxide	7/16 - 20 (1.000 TL)	7/16 - 14 (.750 TL)	7/16	5/32 Hex	2.250



Studs (continued)

Part Number	Material	Thread Size (Fine)	Thread Size (Coarse)	Diameter	Broach	OAL
11060	Stainless Steel	1/4 - 28 (1.000 TL)	1/4 - 20 (.500 TL)	1/4	Mini	1.800
11061	Steel Black Oxide	3/8 - 24 (.750 TL)	3/8 - 16 (.500 TL)	3/8	1/8 Bullet Starter	1.670
11071	Steel Black Oxide	3/8 - 24 (.900 TL)	3/8 - 16 (.850 TL)	3/8	N/A	3.000
11072	Steel Black Oxide	3/8 - 24 (.900 TL)	3/8 - 16 (.850 TL)	3/8	N/A	3.000
11073	Steel Black Oxide	3/8 - 24 (.750 TL)	3/8 - 16 (.700 TL)	3/8	5/32 Hex	2.310
11079	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16 Hex	4.250
11083	Steel Black Oxide	1/2 - 20	1/2 - 13	1/2	3/16 Hex	4.620

Stainless Accessory Hardware

m8 / 1.25 - 1.255 OAL - Internal Hex Broach	11041
m8 / 1.25 - 1.255 OAL - External Hex Broach	11042
m8 / 1.25 - 1.505 OAL - Internal Hex Broach	11039
m8 / 1.25 - 1.505 OAL - External Hex Broach	11040
m8 / 1.25 - 1.750 OAL - Internal Broach	10857
m8 / 1.25 - 1.750 OAL - External Broach	10858
m8 / 1.25 - 2.005 OAL - Internal Broach	11037
m8 / 1.25 - 2.005 OAL - External Broach	11038
m8 / 1.25 - 2.255 OAL - Internal Broach	11035
m8 / 1.25 - 2.255 OAL - External Broach	11036
m10 / 1.25 - 1.905 OAL - Internal Broach	11031
m10 / 1.25 - 1.905 OAL - External Broach	11032
m10 / 1.25 - 2.155 OAL - Internal Broach	10861

m10 / 1.25 - 2.155 OAL - External Broach	10862
m10 / 1.25 - 1.5 - 1.905 OAL - Internal Broach	11033
m10 / 1.25 - 1.5 - 1.905 OAL - External Broach	11034
m10 / 1.25 - 1.5 - 2.155 OAL - Internal Broach	10863
m10 / 1.25 - 1.5 - 2.155 OAL - External Broach	10864
m12 - Internal Broach	10870
m12 - Inconel	10871
3/8 - 1.500 OAL - Internal Broach	10859
3/8 - 1.500 OAL - External Broach	10860
7/16 - External Hex	10868
7/16 - Inconel	10869
1/2 - Internal Broach	10872
1/2 - Inconel	10873



BULK / GENERAL HARDWARE

OEM + Custom Fasteners For Your Specific Needs

Bolts

Bolt	Patriot Bolts - Hex	Patriot Bolts - 12 pt.	TorqueMaster Bolts - 12 pt.	Stainless Steel Bolts - 12 pt.	Custom Age Bolts - 12 Pt.	Tool Steel Bolts - 12 Pt.
7/16" Semi-Finished			11000	11001		11002
1/2" Semi-Finished	11003	11004	11005	11006	11007	11008
m14 Semi-Finished		11009				
9/16" Semi-Finished	11010	11011	11012		11013	11014
5/8" Semi-Finished		11015	11016			
m16 Semi-Finished		11017	11018			
3/4" Semi-Finished		11019	11020			11021
7/8" Semi-Finished	11022	11023				
1" Semi-Finished	11024					11025
3/8 - 24 - 1.250 UHL		11065				
7/16 - 20 - 1.250 UHL		11066				



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



Regardless of your demands, our team can help design, engineer, and fabricate a solution to meet your specific needs. If you don't see a part or fastener that you need, call our team at (315) 924-3888.

10250	Cummins 2nd Gen m10 w/ 7mm ext. Hex Stainless Exhaust Stud Kit
10251	m10 x 1.25 12 pt. Nut, Stainless, 17.8mm collar 0.700), 11mm tall (0.425) w/ 12mm wrench grip
10252	Flat 3/8 - m10 ID x 0.750 OD x 0.125 Thick Stainless Washer
10253	m10 x 1.25 / m10 x 1.5 7mm ext. hex Stainless Stud 2.150 OAL
10254	Flat 9/16 ID x 0.995 OD x 0.125 Thick Steel Washer
10255	9/16 - 18 12 Pt. Nut, Black Oxide, 0.950 collar, 0.650 tall w/ 11/16 wrenching
10256	9/16 - 18 12 pt. Nut, Ex Heavy Wall, Black Oxide, .975 collar, 0.700 tall w/ 3/4 wrench grip
10257	Flat 1/2 ID x 0.875 OD x 0.125 Thick Steel Washer
10262	5/8 - 18 12 Pt. Nut, Black Oxide, 1.050 collar, 0.650 tall w/ 3/4 wrenching
10265	IH 300/400 series 7/16 w/ 5/16 ext. hex Stainless Exhaust Stud Kit
10266	Cummins CR fact m10 x 1.25/ m10 x 1.5 w/ 7mm ext. hex Stainless Exhaust Stud (base) Kit
10267	Cummins 5.9/6.7 CR m10 x 1.5 Stainless fact replacement Turbo Exhaust Stud Kit 12pt nuts & washers
10268	Cummins 5.9/6.7 CR m10 x 1.5 Stainless factory replacement EGR Stud Kit 12pt nuts & washers
10269	Cummins CR fact replacement m10 w/ 7mm ext. hex Stainless Exhaust Stud (full) Kit Base Turbo & EGR (combined)
10270	Ford 6.0 Power Stroke - TorqueMaster Head Stud Kit m14
10270P	Ford 6.0 Power Stroke - Patriot Head Stud Kit m14
10271	Ford 6.0 Power Stroke - TorqueMaster Main Stud Kit m14
10272	Cummins 5.9/6.7 CR - TorqueMaster Head Stud Kit m12 1998.5 - 2001 (most) - (2 lengths - deep exhaust drill depth)
10273	Cummins 5.9 24V 1998.5 - 02 - TorqueMaster Main Stud Kit m12 - Factory Block Stifner (modification may be required)

10274	CAT C15/ Late 3406E TorqueMaster Head Stud Kit - (2 length - req socket mod)
10275	CAT 3406B,C,E, C15/16, Accert Main Stud Kit
10276	Cummins CR m10x1.25/m10x1.5 Stainless Mini Broch 4mm Turbo/EGR Stud Kit 12pt nuts & washers
10277	IH 400 eng - TorqueMaster Head Stud Kit 9/16 - Standard Deck internal broach hvy 12 pt. Nut
10279	IH 400 eng - TorqueMaster Head Stud Kit 9/16 - Standard Deck +5/8" length internal broach hvy 12 pt. Nut
10280	IH 400 eng - TorqueMaster Head Stud Kit 9/16 - Standard Deck +1" length internal broach hvy 12 pt Nut
10281	IH 400 eng - TorqueMaster Head Stud Kit 9/16 - Standard Deck internal broach ex-hvy 12 pt. Nut
10282	IH 400 eng - TorqueMaster Head Stud Kit 9/16 - Standard Deck +5/8" length internal broach ex-hvy 12 pt. Nut
10283	IH 400 eng - TorqueMaster Head Stud Kit 9/16 - Standard Deck +1" length internal broach ex-hvy 12 pt. Nut
10284	IH 400 eng - TorqueMaster Head Stud Kit 9/16 - Standard Deck internal broach hvy hex 6 pt. Nut
10285	IH 400 eng TorqueMaster Main Stud Kit 9/16 w/ 1" girdle (9.500 OAL) with hvy 12 pt. Nut
10286	Duramax - TorqueMaster Head Stud Kit 12mm (stock deck height and cylinder head config) 01-16
10286P	Duramax - Patriot Head Stud Kit 12mm (stock deck height and cylinder head config) 01-16
10287	Ford 6.0-6.4 Power Stroke Stainless Exhaust manifold Stud Kit non egr 12 point nuts w/ spacers
10288	CAT C15 3406E Exhaust Manifold Stud Kit Stainless
10289	Cummins - TorqueMaster - KTA/QSK 19 Head Stud Kit
10290	m10 x 1.5 both ends Stainless no drive 1.970 OAL - (fits 5.9/6.7 EGR and Turbo)



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

10304	Detroit Series 60 Exhaust Manifold Studs
10305	0.5625 ground stud blank w/ 0.1875 broach - 4.250 OAL 230-240 ksi
10306	0.5625 ground stud blank w/ 0.1875 broach - 5.000 OAL 230-240 ksi
10307	0.5625 ground stud blank w/ 0.1875 broach - 5.375 OAL 230-240 ksi
10308	0.5625 ground stud blank w/ 0.1875 broach - 5.830 OAL 230-240 ksi
10309	0.5625 ground stud blank w/ 0.1875 broach - 6.250 OAL 230-240 ksi
10310	0.5625 ground stud blank w/ 0.1875 broach - 6.780 OAL 230-240 ksi
10311	0.5625 ground stud blank w/ 0.1875 broach - 7.250 OAL 230-240 ksi
10312	0.5625 ground stud blank w/ 0.1875 broach - 7.700 OAL 230-240 ksi
10313	0.5625 ground stud blank w/ 0.1875 broach - 7.900 OAL 230-240 ksi
10314	0.5625 ground stud blank w/ 0.1875 broach - 8.055 OAL 230-240 ksi
10315	0.5625 ground stud blank w/ 0.1875 broach - 8.300 OAL 230-240 ksi
10316	0.5625 ground stud blank w/ 0.1875 broach - 8.750 OAL 230-240 ksi
10317	0.5625 ground stud blank w/ 0.1875 broach - 9.050 OAL 230-240 ksi
10318	0.5625 ground stud blank w/ 0.1875 broach - 9.500 OAL 230-240 ksi
10319	0.5625 ground stud blank w/ 0.1875 broach - 9.800 OAL 230-240 ksi
10320	0.5625 ground stud blank w/ 0.1875 broach - 10.250 OAL 230-240 ksi
10321	0.5625 ground stud blank w/ 0.1875 broach - 10.500 OAL 230-240 ksi
10322	0.5625 ground stud blank w/ 0.1875 broach - 10.750 OAL 230-240 ksi
10323	0.5625 ground stud blank w/ 0.1875 broach - 10.875 OAL 230-240 ksi
10324	0.5625 ground stud blank w/ 0.1875 broach - 11.250 OAL 230-240 ksi
10325	0.5625 ground stud blank w/ 0.1875 broach - 12.000 OAL 230-240 ksi
10326	0.5625 ground stud blank w/ 0.1875 broach - 12.001-14.950 OAL 230-240 ksi

10327	0.5625 ground stud blank w/ 0.1875 broach - 14.951-18.000 OAL 230-240 ksi
10328	Flat 5/8 ID x 1.120 OD x 0.125 Thick Steel Washer
10329	CAT Acert Head Studs
10330	CAT Injector Studs
10331	CAT Jake brake Studs
10332	9/16 - 18 Heavy Wall Low Profile Hex Nut, Black Oxide, .875 across flats, .485 tall w/ 7/8 wrenching
10333	9/16 - 18 Heavy Wall High Hex Nut, Black Oxide, .875 across flats, .750 tall w/ 7/8 wrenching
10334	Cummins 5.9 12V Stainless Exhaust Manifold Kit w/ After Market Manifold 24V - Current (Factory long style CR Spacers - heat shield deleted)
10335	7/16 - 20 Heavy Wall High Hex, Stainless, .688 across flats, .630 tall 11/16 wrenching
10336	m10x1.25 / m10 x 1.5 7mm ext. hex Stainless Stud 3.900 OAL
10337	m10 x 1.25 / m10 x 1.5 7mm ext. hex Stainless Stud 4.300 OAL
10338	Cummins 5.912v w/ 12v - TorqueMaster Head Stud Kit - m14 x 2.0mm (Cyl. Head Standard Deck, Standard Head)
10339	Cummins 5.9-6.7 CR w/ 12v - TorqueMaster Head Stud Kit Plus 1" length - m14 x 2.0mm (Cyl. Head Standard Deck, Standard Head)
10340	Cummins 5.9-6.7 CR w/ 24v - TorqueMaster Head Stud Kit Plus 1" length - m14 x 2.0mm (Cyl. Head Standard Deck, Standard Head)
10341	Cummins 6.7L 2012 - 2018 - TorqueMaster Head Stud Kit 12mm (1 length)
10341P	Cummins - Late 5.9/6.7 1998.5 - 2018 - Patriot Head Stud Kit 12mm (1 length)
10342	IH - TorqueMaster Main Stud Kit Non-Girdle 9/16 w/ 12 pt. Nuts
10343	5/16 - 24 12 Pt. Nut, Black Oxide, .625 collar, .390 tall w/ 7/16 wrenching
10344	3/8 - 24 12 Pt. Nut, Black Oxide, 0.700 collar, 0.425 tall w/ 1/2 wrenching
10345	7/16 - 20 12 pt. Nut, Black Oxide, 0.700 collar, 0.435 tall w/ 1/2 wrenching

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



10346	IH Oil Pan Stud Kit 5/16 - 24 w/ 1.850 thread length x 5/16 - 18 with 1/8 hex broach for use with single nut on pan or counter bore for nut in girdle and pan
10347	Flat 5/8 ID x 1.160 OD x 0.145 Thick Steel Washer
10348	0.625 ground stud blank w/ 0.1875 broach - 6.500 OAL 230-240 ksi
10349	0.625 ground stud blank w/ 0.1875 broach - 7.000 OAL 230-240 ksi
10350	0.625 ground stud blank w/ 0.1875 broach - 7.250 OAL 230-240 ksi
10351	0.625 ground stud blank w/ 0.1875 broach - 8.375 OAL 230-240 ksi
10352	0.625 ground stud blank w/ 0.1875 broach - 8.650 OAL 230-240 ksi
10353	0.625 ground stud blank w/ 0.1875 broach - 8.875 OAL 230-240 ksi
10354	0.625 ground stud blank w/ 0.1875 broach - 9.250 OAL 230-240 ksi
10355	0.625 ground stud blank w/ 0.1875 broach - 9.650 OAL 230-240 ksi
10356	0.625 ground stud blank w/ 0.1875 broach - 9.875 OAL 230-240 ksi
10357	0.625 ground stud blank w/ 0.1875 broach - 10.650 OAL 230-240 ksi
10358	0.625 ground stud blank w/ 0.1875 broach - 11.250 OAL 230-240 ksi
10359	0.625 ground stud blank w/ 0.1875 broach - 11.650 OAL 230-240 ksi
10360	0.625 ground stud blank w/ 0.1875 broach - 12.000 OAL 230-240 ksi
10361	5/8-18 Heavy High Hex Nut, Black Oxide, 15/16 across flats, .850 tall w/ 15/16 wrenching
10372	1/2 - 20 12 pt. Nut, Black Oxide, .875 collar, .530 tall w/ 5/8 wrenching
10378	3/4 - 16 12 pt. Nut, Black Oxide, 1.375 collar, 0.930 tall w/ 1.00 wrenching
10380	Cummins - TorqueMaster Main Stud Kit 9/16 - 18 x m14 x 2 (6.780 OAL) 0.375 Max Girdle with 12 pt nuts
10381	Cummins - TorqueMaster Main Stud Kit Non-Girdle - 9/16 - 18 x m14 x 2 (6.250 OAL) with 12 pt. Nuts

10382	Cummins - TorqueMaster Main Stud Kit - 0.625 - 1" Thick Girdle 9/16 - 18 x m14 x 2 (7.250 OAL) with 12 pt. Nuts
10383	Flat 7/16 ID x 0.875 OD 0.125 Thick Steel Washer
10384	m10 x 1.25 - m10 x 1.5 Stainless t3 Turbo Stud Mount Kit w/ 12 pt. Stainless Nut
10385	1/2" Stud w/ 3/16" broach 7.700 OAL
10386	1/2" Stud w/ 3/16" broach 8.000 OAL
10387	1/2" Stud w/ 3/16" broach 9.000 OAL
10388	1/2" Stud w/ 3/16" broach 9.400 OAL
10389	1/2" Stud w/ 3/16" broach 10.250 OAL
10390	1/2" Stud w/ 3/16" broach 11.500 OAL
10391	1/2" Stud w/ 3/16" broach 13.000 OAL
10392	Cummins 12V (Years 89-98) - TorqueMaster Head Stud Kit 1/2" - 20 - m12 x 1.75mm (Standard Length)
10392P	Cummins 12V (Years 89-98) - Patriot Head Stud Kit m12 x 1.25 - m12 x 1.75mm (Standard Length)
10395	1/2" Stud w/ 3/16" broach 5.850 OAL
10396	Ford Barra Head Stud Kit with Machined Washers and 12 pt. Nuts
10397	Nissan RB30/26 Conversion 1/2" Head Stud Kit with Standard Nuts and Washers
10398	Cummins 5.9/6.7 - TorqueMaster Head Stud Kit w/ 24V Head - Non-Deck Plate - m14 x 2.0mm (Bottom tap required - 2 length hole depth block)
10399	1/2" Stud w/ 3/16" broach 6.580 OAL
10400	1/2" Stud w/ 3/16" broach 6.880 OAL
10401	Nissan GTR-RB26 - TorqueMaster Head Stud Kit m12 x 1.25mm x m12 x 1.5mm (5.300 OAL)
10402	Nissan RB30 - TorqueMaster Head Stud Kit - 1/2 - 20 fine x 1/2 - 13 coarse (6.580 OAL)



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

10409	IH 400 eng TorqueMaster Main Stud Kit - 9/16 with 0.750" - 1.00" girdle - 9.375 OAL with hvy 12 pt. Nuts
10410	m12 x 1.25mm Nut, Heavy Wall thru hard, Black Oxide, 21mm Collar (0.825), 12.2mm tall (0.480) w/ 16mm wrench grip
10411	Flat m12 ID x 22.2mm OD (0.875) x 3.2mm Thick (0.125) Thick Steel Washer
10412	Toyota 1HZ/1HD - TorqueMaster Head Stud Kit m11 x 1.25 / 7/16 - 20
10413	Small Block Chevy LS - TorqueMaster Head Stud Kit - 2004 and Later (all one length)
10413P	Small Block Chevy LS - Patriot Head Stud Kit - 2004 and Later (all one length)
10414	Chrysler - 5.7L - 6.4L Hemi - Gen III - Patriot Main Stud Kit
10418	Volkswagen - PD-TDI Head Stud Kit (7.700 OAL) Torque Master
10419	BMW - Custom Kit (Private label wbrd)
10420	BMW - 1.6L - Mini Cooper- Patriot Head Stud Kit - N Series
10421	BMW - 1.6L - 2.0L - TorqueMaster Head Stud Kit - N Series
10422	BMW - 1.6L - 2.0L - Custom Age Head Stud Kit - N Series
10423	BMW - 2.0L - 3.2L - Patriot Head Stud Kit - M52, N54, S54
10424	BMW - 2.0L - 3.2L -TorqueMaster Head Stud Kit M52, N54, S54
10425	BMW - 2.0L - 3.2L - Custom Age Head Stud Kit M52, N54, S54
10426	BMW - 2.9L - 3.0L - Patriot Head Stud Kit - M57 Diesel
10427	BMW - 2.9 - 3.0L - TorqueMaster Head Stud Kit - M57 Diesel
10428	BMW - 2.9L - 3.0L - Custom Age Head Stud Kit - M57 Diesel
10429	BMW - 3.0L - Patriot Head Stud Kit - N55B, S55B
10430	BMW - 3.0L - TorqueMaster Head Stud Kit - N55B, S55B
10431	BMW - 3.0L - Custom Age Head Stud Kit - N55B, S55B
10432	BMW - S63 - TorqueMaster Head Stud Kit

10433	BMW - 1.6L - 2.0L - Patriot Main Stud Kit - N Series
10434	BMW - 1.6L - 2.0L - TorqueMaster Main Stud Kit - N Series
10435	BMW - 2.0L - 3.2L - TorqueMaster Main Stud Kit - M50-52, S50/S52 *(us models only w/ shallow thread)
10436	BMW - 2.0L - 3.2L - TorqueMaster Main Stud Kit - S54, S50/S52 with deep thread block
10437	BMW - 2.9L - 3.0L - Patriot Main Stud Kit - M57 Diesel
10438	BMW - 2.9L - 3.0L - TorqueMaster Main Stud Kit - M57 Diesel
10439	BMW - 3.0L - Patriot Main Stud Kit - N55B, S55B
10440	BMW - 3.0L - TorqueMaster Main Stud Kit - N55B, S55B
10441	BMW - 1.6L - 2.0L - Exhaust Manifold/Header Studs/Bolts
10442	2.3L, M11 x 40.5mm- UHL- 12 pt -TorqueMaster - Rod Bolts
10443	BMW - 2.0L - 3.2L - Exhaust Manifold/Header Studs
10444	BMW - 2.9L - 3.0L M57 Diesel - Exhaust Manifold/Header Studs
10445	BMW - 3.0L N54/55 - Exhaust Manifold/Header Studs
10446	BMW - 3.0L N54/55 - Exhaust Manifold/Header Bolts (12 pt.)
10447	BMW - 3.0L -M10 x 44.5mm- UHL- 12 pt -TorqueMaster - Rod Bolts
10448	BMW - 3.2L -M11 x 46.5mm- UHL- 12 pt -TorqueMaster - Rod Bolts
10449	SBC - Damper Bolts 2.475 UHL 7/16 - 20 w/ 13/16 wrenching
10450	SBC - Rocker Stud 1.750 OAL 3/8 - 24 x 7/16 - 14
10451	SBC - Valve Cover Studs 1/4 - 20 1.500 OAL 12 pt. Nuts (16pcs)
10452	SBC - Exhaust Manifold/Header Studs 3/8 x 1.675 OAL
10453	SBC - Oil Pump Drive Shaft patriot
10454	SBC - Oil Pan Studs 2 Pc. Gasket (Hex Nut)

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



10455	SBC - Cam Bolt .750 UHL 5/16 - 18 w/ 7/16 wrenching (Oversize Head)
10456	SBC - Damper Bolts 2.475 UHL 7/16-20 w/ 1-1/16 wrenching
10457	SBC - Rocker Stud 1.775 OAL 7/16 - 20 x 7/16 - 14
10458	SBC - Stainless Steel - Valve Cover Studs 1/4 - 20 1.500 OAL 12 pt. (16 pcs)
10459	SBC - Exhaust Manifold/Header Studs 3/8 x 1.675 OAL (12 pt.)
10460	SBC - Stainless Steel- Oil Pan Studs 2 Pc. Gasket (Hex Nuts)
10461	SBC - v8 w/ Girdle 5/16 (Hex Nuts)
10462	SBC - Patriot Main Bolts - Large Journal - 4 Bolt (Hex)
10464	SBC - Rocker Stud 1.900 OAL 3/8 - 24 x 7/16 - 14
10465	SBC - Oil Pump Stud Kit (Hex Nut)
10466	SBC - BBC Oil Pump Stud Kit V8 (Hex Nuts) (High Volume Applications)
10467	SBC - Patriot Head Stud Kit - Rodeck, Brodix Aluminum Block w/ All Pro Heads
10468	SBC - Oil Pump Stud Kit (12 pt. Nut)
10469	SBC - Patriot Head Bolt Kit - OEM Aluminum, Iron 23°, Gen III, LT Brodix, Dart, AFR, Edelbrock, Trick Flow (Hex)
10470	SBC - Patriot Head Stud Kit - OEM Aluminum, Iron 23°, Gen III, LT Brodix, Dart, AFR, Edelbrock, Trick Flow
10471	SBC - Patriot Head Bolt Kit - OEM Aluminum, Iron 23°, Gen III LT Brodix, Dart, AFR, Edelbrock, Trick Flow (12 pt.)
10472	SBC - TorqueMaster Head Stud Kit - OEM Aluminum, Iron 23°, Gen III, LT Brodix, Dart, AFR, Edelbrock, Trick Flow
10473	SBC - TorqueMaster Head Bolt Kit - OEM Aluminum, Iron 23°, Gen III, LT Brodix, Dart, AFR, Edelbrock, Trick Flow (12 pt.)
10474	SBC - Patriot Head Stud Kit - Brodix 18°
10475	SBC - Custom Age Head Stud Kit - Brodix 18°
10476	SBC - Tool Steel Head Stud Kit - Brodix 18°

10477	SBC - TorqueMaster Head Stud Kit - Rodeck, Brodix Aluminum Block w/ 8 thru 11 x Track 1
10478	SBC - TorqueMaster Head Stud Kit - Rodeck, Brodix Aluminum Block 23° - 3/8 & 7/16 Studs
10479	SBC - Tool Steel Head Stud Kit - Rodeck, Brodix Aluminum Block
10480	SBC - Patriot Head Stud Kit - Dart Gen II w/ 18° Heads
10481	SBC - TorqueMaster Head Stud Kit - Dart Little M
10482	SBC - Patriot Head Stud Kit - Dart Sportsman (.955 Coarse Threads)
10483	SBC - Tool Steel Head Stud Kit - Dart Little M
10484	SBC - Patriot Main Stud Kit - w/ Windage Tray - 4 Bolt
10485	SBC - Patriot Main Bolt Kit - Small Journal - 2 Bolt
10486	SBC - Patriot Main Stud Kit - Small Journal - 2 Bolt
10487	SBC - TorqueMaster Main Bolt Kit - Small Journal - 2 Bolt
10488	SBC - Patriot Main Stud Kit - Large Journal - 2 Bolt (Hex)
10489	SBC - Patriot Main Bolt Kit - Large Journal - 2 Bolt (Hex)
10490	SBC - TorqueMaster Main Stud Kit - Large Journal - 2 Bolt (12 pt.)
10491	SBC - TorqueMaster Main Bolt Kit - Large Journal - 4 Bolt (12 pt.)"
10492	SBC - Patriot Main Stud Kit - 4 Bolt w/ Windage Tray Splayed Bolts
10493	SBC - TorqueMaster Main Stud Kit - 4 Bolt w/ Windage Tray
10494	SBC - Patriot Main Stud Kit - 4 Bolt w/ Windage Tray & Splayed Cap Studs 3" Outer
10495	SBC - TorqueMaster Main Stud Kit - 4 Bolt w/ Windage Tray and Splayed Cap Studs 3" Outer w / 12 pt nuts
10496	SBC - Patriot Main Stud Kit - Patriot - 4 Bolt - Large Journal w/ Windage Tray
10497	SBC - TorqueMaster Main Stud Kit - 4 Bolt - Large Journal w/ Windage Tray
10498	SBC - Patriot Main Stud Kit - 4 Bolt - Large Journal w/ Windage Tray and Splayed Cap Bolts



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

10499	SBC - TorqueMaster Main Stud Kit - 4 Bolt - Large Journal w/ Windage Tray and Splayed Cap Bolts
10500	SBC - Patriot Main Stud Kit - Dart Little M w/ Splay Bolts
10501	SBC - TorqueMaster Main Stud Kit - Dart Little M w/ Splay Studs
10502	BBC - 396-454 - Patriot Head Stud Kit - Cast Iron OEM, Mark IV
10503	BBC - Patriot Head Bolt Kit - Iron OEM (12 pt.)
10504	BBC - 396-454 - TorqueMaster Head Stud Kit - Iron OEM, Mark IV
10505	BBC - TorqueMaster Head Bolt Kit - Mark IV, Late Bowtie, Iron Dart, Pro1 World Iron (12 pt.)
10506	BBC - Patriot Head Stud Kit - Energy Mfg. Aluminum Block
10507	BBC - TorqueMaster Head Stud Kit - Energy Mfg. Aluminum Block
10508	BBC - Patriot Head Stud Kit - Dart Big Chief Block
10509	BBC Patriot Head Bolt Kit - Exhaust Bolts Only - Dart Aluminum Block (Hex)
10510	BBC Head Studs - Energy Mfg. Aluminum Block - Custom Mfg.
10511	BBC Patriot Head Stud Kit - 7/16 Aluminum Block
10512	BBC Patriot Head Stud Kit - 1/2 Aluminum Block
10513	BBC - 396-454 - Patriot Head Stud Kit - Edelbrock Performer, Proline
10514	BBC - 396-454 - Patriot Head Bolt Kit (12 pt) - Edelbrock
10515	BBC - Patriot Head Stud Kit - Bowtie, Dart, AFR, Pro1 Early (0.750" Thread)
10516	BBC - 396-454 - Patriot Head Bolt Kit - Iron OEM (12pt.)
10517	BBC - 396-454 - Patriot Head Stud Kit - Brodix -2,4,2-3x, Holley
10518	BBC - 396-454 - Patriot Head Bolt Kit - Brodix
10519	BBC - 396-454 - TorqueMaster Head Stud Kit - Brodix
10520	BBC - 396-454 - TorqueMaster Head Bolt Kit - Brodix

10521	BBC - Patriot Head Stud Kit - Late Bowtie, Dart 360, Pro1 Early (1" Coarse Thread)
10522	BBC - 396-454 - Patriot Head Bolt Kit - Dart Alum, Mark V, VI, World
10523	BBC - 396-454 -TorqueMaster Head Stud Kit - Dart
10524	BBC - TorqueMaster Head Bolt Kit - Mark IV,V w/ Brodix Aluminum Head
10525	BBC - 396-454 - Patriot Main Stud Kit - 2 Bolt
10526	BBC - 396-454 - Patriot Main Bolt Kit - 2 Bolt
10527	BBC - 396-454 - TorqueMaster Main Stud Kit - 2 Bolt
10528	BBC - 396-454 - Patriot Main Bolt Kit - 4 Bolt - World Merlin
10529	BBC - 396-454 - Patriot Main Stud Kit - 4 Bolt
10530	BBC - 396-454 - Patriot Main Bolt Kit - 4 Bolt
10531	BBC - Patriot Main Stud Kit - Dart - Big M Splay Outer Studs
10532	BBC -396-454 -TorqueMaster Main Bolt Kit - 4 Bolt (12 pt.)
10533	BBC - 396-454 - Patriot Main Stud Kit - 2 Bolt w/ Windage Tray
10534	Flat 3/8 ID x 0.750 OD x 0.125 Thick Steel Washer
10535	Flat 5/16 & m8 ID x 0.680 OD x 0.125 Thick Steel Washer
10536	Flat 7/16 ID x 0.750 OD 0.125 Thick Steel Washer
10537	Flat 5/16 & m8 ID x 0.550 OD x 0.095 Thick Steel Washer
10538	Flat 7/16 ID x 0.995 OD x 0.125 Thick Steel Washer
10539	BBC - 396-454 - TorqueMaster Main Stud Kit - 2 Bolt w/ Windage Tray (12 pt.)
10540	BBC - 396-454 - Patriot Main Stud Kit - 4 Bolt w/ Windage Tray
10541	BBC - 396-454 - TorqueMaster Main Stud Kit - 4 Bolt w/ Windage Tray (12 pt.)
10542	BBC - Patriot Main Stud Kit - Mark IV, Bowtie w/ Windage Tray
10543	BBC - TorqueMaster Main Stud Kit - Mark IV

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



10544	BBC - Patriot Main Stud Kit - Mark IV Aluminum
10545	BBC - Patriot Main Stud Kit - Mark V,VI , Bowtie w/ Splay Studs
10546	BBC - Patriot Main Stud Kit - Dart - Big M Splayed Cap Bolts
10547	BBC - TorqueMaster Main Stud Kit - Dart - Big M Splayed Cap
10548	BBC - Patriot Main Stud Kit - Energy Mfg. Aluminum Block
10549	BBC - TorqueMaster Main Stud Kit - Energy Mfg. Aluminum Block
10550	BBC - Custom Age Main Stud Kit - Energy Mfg. Aluminum Block
10551	BBC - Patriot Head Bolt Kit w/ Aftermarket Heads - Dart
10552	BBC - Damper Bolt 1.550 UHL 1/2-20 w/ 5/8 wrenching
10553	BBC - Rocker Studs 1.750 OAL 7/16 - 14, 7/16 - 20
10554	BBC - Valve Cover Studs (8) 1/4 - 20 1.500 OAL (6) 1/4 - 20 4.500 oal (12 pt Nuts)
10555	BBC - Exhaust Manifold/Header Studs 1.670 OAL 3/8
10556	BBC - Oil Pump Drive Stud High Volume (also fits SBC) - 3.125 OAL
10557	BBC - Oil Pan Studs - Standard 2 Pc. Gasket (12 pt Nuts)
10558	BBC - Damper Bolt 1.550 UHL 1/2 - 20 w/ 1-1/16 wrenching
10559	BBC - Damper Bolt 1.550 UHL 1/2 - 20 w/ 13/16 wrenching
10560	BBC - Rocker Studs - Aluminum Head - 2.350 OAL (7/16 threads)
10561	BBC - Valve Cover Bolts 1/4 - 20 4.000" UHL
10562	BBC - Stainless - Patriot Head Bolt Kit - Fits Pro-1, WP, Pro Line, Iron Dart, Mark IV (12pt.)
10563	BBC - Oil Pan Studs - Standard 2 Pc. Gasket - Stainless Steel
10564	BBC - Oil Pan Bolts - Standard 2 Pc. Gasket
10565	BBC - Oil Pan Bolts - Standard 2 Pc. Gasket
10566	BBC - Oil Pan Bolts - Standard 2 Pc. Gasket (12 pt.) - stainless steel

10567	BBC - Patriot Rod Bolts - 3/8 (Hex Nuts)
10568	BBC - Patriot Head Bolt Kit - 396-454 Edelbrock (Hex)
10569	BBC - Intake Manifold Bolts (Hex)
10570	BBC - STD Deck - Oil Pump Drive Shaft
10571	BBC - Oil Pump Drive Shaft (Tall Deck)
10572	BBC - Cam Bolt Kit - .750 UHL - 454 -502 w/ 7/16" wrench w/ Cam Button
10573	Chevrolet LS - Gen III LS - Patriot Head Stud Kit (2 Length) 23°, Brodix, Dart, AFR, World, Edelbrock
10574	Chevrolet LS - Gen III LS - Patriot Head Bolt Kit (2 Length) 23°, Brodix, Dart, AFR, World, Edelbrock
10575	Chevrolet LS - Gen III LS - TorqueMaster Head Stud Kit (2 Length) 23°, Brodix, Dart, AFR, World, Edelbrock
10576	Chevrolet LS - Gen III LS - TorqueMaster Head Bolt Kit (2 Length) 23°, Brodix, Dart, AFR, World, Edelbrock
10577	Chevrolet LS - Gen III LS - Custom Age Head Stud Kit (2 Length) - 23°, Brodix, Dart, AFR, World, Edelbrock
10578	Chevrolet LS - Gen III LS - Tool Steel Head Stud Kit (2 Length) 23°, Brodix, Dart, AFR, World, Edelbrock
10579	Chevrolet LS - Gen IV - Custom Age Head Stud Kit
10580	Chevrolet LS - Gen IV - TorqueMaster Head Bolt Kit (1 length) (12 pt.)
10581	Chevrolet LSX Small Block - Patriot Head Stud Kit
10582	Chevrolet LS - TorqueMaster Head Stud Kit - Dart - 15-Bolt (7/16)
10583	Chevrolet LS - TorqueMaster Head Stud Kit - Dart - 23-Bolt (7/16)
10584	Chevrolet LS - Patriot Head Bolt Kit - Gen IV LS-6 (04-newer) (1 Length - Most 4.8L, 5.3L, 6.0L - Hex)
10585	Chevrolet LS - Patriot Head Stud Kit - Energy Mfg.
10586	Chevrolet LS - TorqueMaster Head Stud Kit - Energy Mfg.



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

10587	Chevrolet LS - Custom Age Head Stud Kit - Energy Mfg.
10588	Chevrolet LS - Tool Steel Head Stud Kit - Energy Mfg.
10589	Chevrolet LS - Patriot Head Stud Kit - World Products - LS7 (9.800 OAL)
10590	Chevrolet LS - Patriot Head Stud Kit - World Products - LS7 (9.240 OAL)
10591	Chevrolet LS - Patriot Head Bolt Kit - Years '97-'03 4.8L, 5.3L, 5.7L, 6.0L (Hex Wrenching)
10592	Chevrolet LT - TorqueMaster Head Bolt Kit - 6.2L LT1 / LT4 w/ 8mm Bolts
10593	Chevrolet LS - Gen III LS - Patriot Main Stud Kit
10594	Chevrolet LS - Gen III LS - TorqueMaster Main Stud Kit
10595	Chevrolet LS - LSA 6.2L - TorqueMaster Head Stud Kit
10596	Chevrolet LS - Patriot Main Stud Kit - Energy Mfg.
10597	Chevrolet LS - TorqueMaster Main Stud Kit - Energy Mfg.
10598	Chevrolet LS - Custom Age Main Stud Kit - Energy Mfg.
10599	Chevrolet LS - Tool Steel Main Stud Kit - Energy Mfg.
10600	Chevrolet LS - Patriot Main Stud Kit - Dart
10601	Chevrolet LS - TorqueMaster Main Stud Kit - Dart
10602	Chevrolet LT - 6.2L LT1 / LT4 - TorqueMaster Head Stud Kit (8mm Bolts not included)
10603	Chevrolet LT - 6.2L LT1 / LT4 - TorqueMaster Head Stud Kit w/ 8mm Bolts
10604	Chevrolet LS - Patriot Main Stud Kit - World Products
10605	Chevrolet LS - TorqueMaster Main Stud Kit - World Products
10606	Chevrolet LT1 - 6.2L - Patriot Main Stud Kit
10607	Chevrolet LT1 - 6.2L - TorqueMaster Main Stud Kit
10608	Chevrolet LS - Gen III LS - Damper Bolt 4.325 UHL (m16 x 2.0mm)
10609	Chevrolet LS - Gen III/IV LS, LT1-6.2 - TorqueMaster Rod Bolts (does not fit LS7 / LS9 w/ Cracked Cap)

10610	Chevrolet LS - Gen III LS - Rocker Studs 1.750 OAL (3/8 - 24 x m8 x 1.25mm)"
10611	Chevrolet LS - Gen III/IV LS - Exhaust Manifold/Header Studs stainless steel
10612	Chevrolet LS - Gen III/IV LS - Cam Bolt m8 .780 UHL
10613	Chevrolet LS - Gen IV LS 7 LT1 - Damper Bolt 5.185 UHL (m16 x 2.0mm)
10614	Chevrolet LS - Gen IV LS 7/LS9 (Titanium-Rod) - Rod Bolts
10615	Chevrolet LS - Gen III/IV LS, LT1-6.2 - Patriot Rod Bolts (does not fit LS7 / LS9 w/ cracked cap)
10616	Chevrolet LS - Gen III/IV LS - Exhaust Manifold/Header Studs (12 pt.) (blk oxide)
10617	Chevrolet LS - Gen III/IV LS - Cam Bolt m8 .985 UHL
10618	Chevrolet LS - Gen V LT - Damper Bolts
10619	Chevrolet LSR - Patriot 7.000 OAL - Loose Stud 1/2 - 20 - 1/2 - 13 0.490; neck clearance (2.100)
10620	Chevrolet LSR - TorqueMaster 7.000 OAL - Loose Stud 1/2 - 20 (1.250 TL) - 1/2-13 (1.250 TL) 0.490 neck clearance (2.100)
10621	Chevrolet LS - Rocker Stud - m8 x 1.25mm - 2.560 UHL
10622	Chevrolet LT - TorqueMaster Head Bolt Kit - 6.2L LT1 / LT4 (8mm Bolts not included)
10623	Chrysler - 273 - 360 Wedge - Patriot Head Stud Kit
10624	Chrysler - 273 - 360 Wedge - TorqueMaster Head Stud Kit
10625	Chrysler - Gen III Hemi 5.7L, 6.1L - 6.4L - Patriot Head Stud Kit
10626	Chrysler - Gen III Hemi 5.7L, 6.1L - 6.4L - TorqueMaster Head Stud Kit
10627	Chrysler - Gen III Hemi 5.7L, 6.1L - 6.4L - TorqueMaster Head Bolt Kit
10628	Chrysler - Patriot Head Stud Kit - Energy Mfg. Block
10629	Chrysler - TorqueMaster Head Stud Kit - Energy Mfg. Block
10630	Chrysler - Custom Age Head Stud Kit - Energy Mfg. Block - Alky Head
10631	Chrysler - 383 - 440 Wedge - Patriot Head Studs - Factory or Edelbrock

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



10632	Chrysler - 383-440 Wedge - TorqueMaster Head Stud Kit Factory or Edelbrock
10633	Chrysler - 426 Hemi - Patriot Head Stud Kit - (7/16)
10634	Chrysler - 426 Hemi - TorqueMaster Head Stud Kit - (1/2)
10635	Chrysler - 318 - 440 Wedge - Patriot Main Stud Kit
10636	Chrysler - 318 - 440 Wedge - Patriot Main Stud Kit (12 pt.)
10637	Chrysler - 5.7L - 6.4L Hemi Gen III - TorqueMaster Main Stud Kit - (Side Studs)
10638	Chrysler - 426 Hemi - Patriot Main Stud Kit
10639	Chrysler - 426 Hemi - TorqueMaster Main Stud Kit - KB Block
10640	Chrysler - Wedge - Damper Bolt (Thin Damper) 1.420 UHL 3/4 - 16 w/ 1-1/16 wrench (12 pt.)
10641	Chrysler - Wedge - Rocker Studs Non-Adjustable - 1.425 OAL (5/16 threads)
10642	Chrysler - Wedge - Oil Pan Studs
10643	Chrysler - Wedge - Cam Bolt / Cam Stud .875 UHL
10644	Chrysler - Gen III - 5.7L, 6.1, 6.4 Hemi - Damper Bolt 4.000" UHL - m14 x 1.5 (12 pt.)
10645	Chrysler - Gen III 5.7L Hemi - Rod Bolts tq master
10646	Chrysler - Gen III 5.7L Hemi - Exhaust Manifold/Header Studs/Bolts
10647	Chrysler - Wedge - Oil Pan Studs - Stainless
10648	Chrysler - Gen III 6.1L / 6.4L Hemi - Rod Bolts tq master
10649	BBC - Stainless Exhaust Manifold/Header Studs
10650	Chrysler - 426 Hemi - Exhaust Manifold/Header Studs (8) 1.670 OAL (8) 2.000 OAL
10651	Chrysler - 426 Hemi - Oil Pan Studs 1.700 UHL
10652	Chrysler - Hellcat Demon - Damper Bolt 4.000" UHL m16 x 1.5mm
10653	Ford - 289 - 302 - Patriot Head Stud Kit - Factory, AFR
10654	Ford - 289 - 302 - Patriot Head Bolt Kit - Factory, Edelbrock AFR (12 pt.)

10655	Ford - 289 - 302 - Patriot Head Stud Kit - Factory Windsor, Edelbrock
10656	Ford - 351 - Patriot Head Stud Kit - Factory, Edelbrock Dart
10657	Ford - 390 - 428 - Patriot Head Stud Kit - FE Factory, Edelbrock hex wrench
10658	Ford - Patriot Head Stud Kit - Ford Barra
10659	Ford - 390 - 428 - Patriot Head Stud Kit - FE Factory, Edelbrock 12 pt wrench
10660	Ford - Coyote - Patriot Head Stud Kit (m12 - 2017-1/2 & later)
10661	Ford - Coyote - Patriot Head Stud Kit - (m11)
10662	Ford - 429 - 460 - Patriot Head Stud Kit - Factory, Edelbrock
10663	Ford - 429 - 460 - Patriot Head Bolt Kit - Factory, Edelbrock
10664	Ford - Coyote - Patriot Head Stud Kit - (m12 early)
10665	Ford - 289 - 302 - Patriot Main Stud Kit - 2 Bolt
10666	Ford - 289 - 302 - TorqueMaster Main Stud Kit - 2 Bolt
10667	Ford - 289 - 302 - Patriot Main Stud Kit w/ Windage - 2 Bolt
10668	Ford - 289 - 302 - TorqueMaster Main Stud Kit w/ Windage 2 Bolt
10669	Ford - 302 Dart SHP - Patriot Main Stud Kit - 4 Bolt
10670	Ford - 302 Dart SHP - TorqueMaster Main Stud Kit - 4 Bolt
10671	Ford - 351 Cleveland - Patriot Main Stud Kit - 2 Bolt
10672	Ford - 351 Windsor - Patriot Main Stud Kit - 2 Bolt
10673	Ford - 351 Cleveland - Patriot Main Stud Kit - 4 Bolt
10674	Ford - 351 Windsor - Patriot Main Stud Kit - 4 Bolt
10675	Ford - 351 Dart SHP - Patriot Main Stud Kit
10676	Ford - 351 Dart SHP - TorqueMaster Main Stud Kit
10677	Ford - Patriot Main Stud Kit - Barra



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

10678	Ford - TorqueMaster Main Stud Kit - Barra
10679	Ford BB - 390 - 428 - Patriot Main Stud Kit - 2 Bolt (No Modification Required)
10680	Ford BB - 390 - 428 - Patriot Main Stud Kit - 2 Bolt (Modification Required)
10681	Ford BB - 429 - 460 - Patriot Main Stud Kit - 2 Bolt
10682	Ford - Patriot Main Stud Kit 5.0L (Side Bolts Included) - Coyote
10683	Ford BB - 429 - 460 - Patriot Main Stud Kit - 4 Bolt
10684	Ford BB - 429 - 460 - Patriot Main Stud Kit - 4 Bolt w/ Windage Tray
10685	Ford - 289 - 302 - 460 Damper Bolt 2.050 UHL 5/8 - 18
10686	Ford 289 - 302 - Rocker Studs - 1.900 OAL Aluminum Head (7/16 threads)
10687	Ford - Exhaust Manifold (3/8) (16 pcs)
10688	Ford - 289 - 302 - Oil Pump Drive Shaft 239 - 312 "Y" Series
10689	Ford - 289 - 302 - Oil Pan Studs (12 pt Nuts)
10690	Ford - 302 - 351 - Cam Bolt 1969 & Later 3/8-16 1.580 UHL Ford 429 - 460
10691	Ford - 351C - Damper Bolt 1.800 UHL (5/8 - 18)
10692	Ford - 302 - 351 Late Oil Pan Studs w/ Side Rails
10693	Ford - 351C , 351 - 400M - Oil Pump Drive Shaft
10694	Ford - 255 - 302 Pre - '68- Cam Bolt 1.460 UHL (3/8-16)
10695	Ford - 351 - 400M - Cam Bolt 1.970 UHL (3/8-16)
10696	Ford - Godzilla - TorqueMaster Main Stud Kit
10697	Ford - Godzilla - TorqueMaster Head Stud Kit
10698	Ford - 390 - 428 FE - Cam Bolt 1.750 UHL (7/16-14)
10699	Ford - 289-302 - Patriot Main Bolt Kit - 2 Bolt (Hex)
10700	Ford - 302W - Patriot Head Bolt Kit - (Hex)

10701	Ford - 429-460 - Oil Pump Drive Shaft
10702	Honda - L15B7 - Patriot Head Stud Kit
10703	Honda - L15B7 - TorqueMaster Head Stud Kit
10704	Honda - L15B7 - Custom Age Head Stud Kit
10705	Honda - 2L - 2.3L VTEC - Patriot Head Stud Kit
10706	Honda - 2L - 2.3L VTEC - TorqueMaster Head Stud Kit
10707	Honda - 2L - 2.3L VTEC - Custom Age Head Stud Kit
10708	Honda - 1.8L VTEC - Patriot Head Stud Kit (m11)
10709	Honda - 1.8L VTEC - TorqueMaster Head Stud Kit (m11)
10710	Honda - 1.8L VTEC - Custom Age Head Stud Kit - (m11)
10711	Honda - K20C1 - TorqueMaster Head Stud Kit
10712	Mitsubishi - 4G63 - Driveline - DOHC (6 pc) - Flex Plate Bolt m12 x 1.25mm x .700 UHL
10713	Mitsubishi - 4B-11 - TorqueMaster Head Stud Kit (2008 & later)
10714	Mitsubishi - 4B-11 - Custom Age Head Stud Kit (2008 & later)
10715	Mitsubishi - 4G63 - Driveline - DOHC (7 pc) - '93 - + Flex Plate Bolt m12 x 1.25mm x .460 UHL
10716	Mitsubishi - 4G63 - TorqueMaster Head Stud Kit - '94 - '07
10717	Mitsubishi - 4G63 - Custom Age Head Stud Kit - '94 - '07
10718	Honda - L15B7 - Patriot Main Stud Kit
10719	Honda - L15B7 - TorqueMaster Main Stud Kit
10720	Honda - 2L - 2.3L - Patriot Main Stud Kit
10721	Honda - 2L - 2.3L - TorqueMaster Main Stud Kit
10722	Honda - 1.8L Patriot Main Stud Kit
10723	Honda - 1.8L - TorqueMaster Main Stud Kit

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



10724	Mitsubishi - 4B11 - Patriot Main Stud Kit - 2008 & Later
10725	Mitsubishi - 4B11 - TorqueMaster Main Stud Kit
10726	Mitsubishi - 4G63 - Patriot Main Stud Kit - Pre - 2008
10727	Mitsubishi - 4G63 - TorqueMaster Main Stud Kit
10728	Honda - K20C1 - Exhaust Manifold/Header Studs
10729	Honda - 1.5L B Series Engine - Damper Bolts
10730	Honda - 1.5L B Series Engine - Rod Bolts
10731	Honda - 1.5L B Series Engine - Exhaust Manifold/Header Studs/Bolts
10732	Honda - 1.5L B Series Engine - Cam Bolt
10733	Mitsubishi - 4B11 - Rod Bolts 2008+ torquemaster
10734	Mitsubishi - 4G63 - Driveline - DOHC (7 pc) - '93 - + Flywheel Bolt m12 x 1.25mm x .825 UHL
10735	Mitsubishi - 4G63 - Damper Bolt 1.525 UHL (m14 x 1.5mm)
10736	Mitsubishi - 4G63 - Cam Bolt 1.180 UHL (m12 x 1.25)
10737	Nissan - RB26 GTR - Patriot Head Stud Kit
10738	Nissan - RB26 GTR - Custom Age Head Stud Kit
10739	Nissan - RB 30/26 - Patriot Head Stud Kit
10740	Nissan - VR38 - TorqueMaster Head Stud Kit
10741	Nissan - VR38 - Custom Age Head Stud Kit
10742	Subaru - FA20 - Patriot Head Stud Kit
10743	Subaru - FA20 TorqueMaster Head Stud Kit
10744	Subaru - FA20 - Custom Age Head Stud Kit
10745	Subaru - EJ257 - Patriot Head Stud Kit
10746	Subaru - EJ257 - TorqueMaster Head Stud Kit

10747	Subaru - EJ257 - Custom Age Head Stud Kit
10748	Nissan - RB26 - Patriot Main Stud Kit
10749	Nissan - RB26 - TorqueMaster Main Stud Kit
10750	Nissan - RB30 - Patriot Main Stud Kit
10751	Nissan - RB30 - TorqueMaster Main Stud Kit
10752	Nissan - KA24DE - Patriot Main Stud Kit
10753	Nissan - VQ35 - TorqueMaster Main Stud Kit
10754	Nissan - GTR RB26 - Damper Bolts - m18 x 1.5mm - 89mm UHL (3.503") 20mm wrenching
10755	Nissan - GTR RB26 - Exhaust Manifold/Header Studs
10756	Nissan - RB30 - Exhaust Manifold/Header Studs
10757	Nissan - VR38 - Rod Bolts
10758	Nissan - VR38 - Exhaust Manifold/Header Studs
10759	Subaru - FA Series - Exhaust Manifold/Header Studs
10760	Subaru - EJ257 - Exhaust Manifold/Header Studs
10761	Toyota - 2JZ - GTE - Patriot Head Stud Kit
10762	Toyota - 2JZ - GTE - Custom Age Head Stud Kit
10763	Volkswagen/Audi - 1Z, AHU, ALH - Patriot Head Stud Kit - ('96 - '03 Motor Engine Codes)
10764	Volkswagen/Audi - 1Z, AHU, ALH - TorqueMaster Head Stud Kit - ('96 - '03 Motor Engine Codes)
10765	Toyota - 2JZ - Patriot Main Stud Kit
10766	Toyota - 2JZ - TorqueMaster Main Stud Kit
10767	Volkswagen/Audi - 1.9 ALH/BEW/BHW - Patriot Main Stud Kit
10768	Volkswagen/Audi - 1.9 ALH/BEW/BHW - TorqueMaster Main Stud Kit
10769	Toyota - 2JZ - Rod Bolts



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

10770	Toyota - 2JZ - Exhaust Manifold/Header Studs
10771	Toyota - 1.8L / 2.0L - Rod Bolts
10772	Volkswagen/Audi - 1.9 TDI - Exhaust Manifold/Header Studs
10773	Volkswagen/Audi - 2.7L Turbo - Rod Bolts torque master
10774	Volkswagen/Audi - 2.7L Turbo - Exhaust Manifold/Header Studs
10775	Cummins 12V (Years 89-98) - Custom Age Head Stud Kit 1/2" - 20 - m12 x 1.75mm (Standard Length)
10776	"Cummins 5.9/6.7 CR - Custom Age Head Stud Kit m12 1998.5 - 2001 (most) - (2 lengths - deep exhaust drill depth)"
10777	Cummins 6.7L 2012 - 2018 - Custom Age Head Stud Kit 12mm (1 length)
10778	Cummins - 8.3 - Patriot Head Stud Kit - '90-'98
10779	Cummins - 8.9 - TorqueMaster Head Stud Kit
10780	Cummins - 5.9 - 12V / 24V - Damper Bolts 2007 and Earlier Patriot 12 pt
10781	Cummins - 5.9/6.7 - 12V / 24V - Rod Bolts
10782	Cummins - 5.9 - 24V - Rocker Studs - Patriot
10783	Cummins - 5.9 - 12V - Valve Cover Studs - Patriot
10784	Cummins/Chrysler - Driveline - 5.9 - Flywheel Bolts - ('89 - '04) m12 x 1.25mm x 1.250 UHL - Patriot
10785	Cummins/Chrysler - Driveline - 5.9 - Flex Plate Bolts ('89 - '04) - m12 x 1.25mm x 0.700 UHL - Patriot
10786	Cummins - 5.9 - 6.7 24V - Damper Bolt (2007.5 and later) Patriot 12 pt
10787	Flat 3/8 & m10 ID x 0.750 OD x 0.125 Thick Washer - 10 Pk
10788	7/16 - 20 12 pt. Nut, Black Oxide, 0.700 collar, 0.435 tall w/ 1/2 wrenching grip - 10 pack
10789	1/2 - 20 1-1/4 tl x 2.100 tl 1/2 - 13 w/ .2 nipple - 5.310 OAL TorqueMaster
10790	7/16 - 20 12 pt. Nut, Black Oxide, .825 collar, .475 tallw/ 9/16 wrenching

10791	CAT - Patriot Head Stud Kit - C15 (2 Length)
10792	Duramax - LB7 - Custom Age Head Stud Kit 01-16
10793	Duramax - L5P - TorqueMaster Head Stud Kit
10794	Duramax - LB7/ LLY - TorqueMaster Main Stud Kit 01-05
10795	CAT - 3406B, 3406E, C15/16 - Damper Bolts
10796	CAT - ACert C15/16 - Rod Bolts (m11x1.25mm) 4Bolt
10797	CAT - 3406B, 3406E, C15/16 - Exhaust Manifold/Header Studs/Bolts
10798	CAT - 3406B, 3406E, C15/16 - Oil Pan Studs
10799	Duramax - LB7, LLY, LMM, LML L5P - Damper Bolt
10800	Duramax - LLY, LB7, LBZ, LMM, lml - Rod Bolts
10801	Duramax - LB7, LLY, LBZ, LMM, LML YRS 01-16 - Exhaust Manifold/Header Studs Stainless, External Hex, w/ 12pt. Nuts
10802	Ford Power Stroke - 6.4L - TorqueMaster Head Stud Kit
10803	Ford Power Stroke - 6.7L - TorqueMaster Head Stud Kit
10804	Ford Power Stroke - 7.3L - TorqueMaster Head Stud Kit
10805	Ford Power Stroke - 6.4L - TorqueMaster Main Stud Kit
10806	Ford Power Stroke - 6.7L - TorqueMaster Main Stud Kit
10807	Ford Power Stroke - 6.4L - Exhaust Manifold Header Studs stainless 12 pt nuts
10808	Ford Power Stroke - 6.7L - Exhaust Manifold Studs Stainless 12 point
10809	Navistar/International - DT 407 - Rod Bolts
10810	Navistar/International - DT 360 - 466 - Rod Bolts
10811	Navistar/International - DT 360 - 466 - Rocker Studs (adjusting screws)
10812	7/8 - 14 12 pt. Nut, Black Oxide, 1.750 collar, 1.100 tall w/ 1 - 1/4 wrench grip
10813	Carb Studs - Stainless - 1.705 OAL - Moroso 5/16 Ø (short)

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



10814	Carb Studs - Patriot - 3.705 OAL - Moroso 5/16 Ø
10815	Carb Studs - Patriot - (2) 1.705 (2) 2.045 OAL - Moroso 5/16 Ø
10816	Carb Studs - Stainless - (2) 1.705 (2) 2.045 OAL - Moroso 5/16 Ø
10817	Carb Studs - Stainless - 2.220 OAL - 1/2" or dominator w/o Spacer 5/16 Ø (w / external hex install drive)
10818	Carb Studs - Stainless - 2.220 OAL - 5/16 Ø - 1/2" or dominator w/out Spacer
10819	Carb Studs - Patriot - 2.705 OAL - 5/16 Ø - dominator w/ 1/2" Spacer
10820	Carb Studs - Stainless - 2.705 OAL - 5/16 Ø - dominator w/ 1/2" Spacer (w / hex install drive)
10821	Carb Studs - Patriot - (2) 2.700 (2) 3.045 OAL - 5/16 Ø - Moroso (long) w/ 1" Spacer
10822	Carb Studs - Stainless - (2) 2.700 (2) 3.045 OAL - 5/16 Ø - Moroso (long) w/ 1" Spacer
10823	Carb Studs - Patriot - 3.195 OAL - 5/16 Ø - dominator w- 1/2" or 1" Spacer
10824	Carb Studs - Stainless - 3.195 OAL - 5/16 Ø - Moroso 1 - 1/4" Spacer
10825	Carb Studs - Patriot - 4.395 OAL - 5/16 Ø - dominator w/ Spacer
10826	Carb Studs - Patriot - 3.195 OAL - 5/16 Ø - Moroso w/ 1 - 1/4" Spacer
10827	Carb Studs - Patriot - (3) 1.705 (1) 2.045 OAL - 5/16 Ø Moroso
10828	Carb Studs - Stainless - (3) 1.705 (1) 2.045 OAL - 5/16 Ø Moroso
10829	BMW - Driveline - Fly Wheel Bolts - m12 x 1.5mm - 22mm UHL
10830	CAT - Driveline/Powertrain - Clutch
10831	CAT - Driveline/Powertrain - Fly Wheel
10832	Chevrolet - Driveline - 265 - 454 ci - Flywheel Bolt 7/16 - 20 x 1.000" UHL - 1 Pc. Rear Seal
10833	Chevrolet - Driveline - Chevrolet 265 - 454 ci - Flywheel Bolt 7/16 - 20 x 1.000" UHL 2 Pc. Rear Seal
10834	Chevrolet - Driveline - Gen III / IV LS - Flywheel Bolt m11 x 1.5mm - .885" UHL
10835	Chevrolet - Driveline - Gen V LT1 / LT4 (2013 - later) Flywheel Bolt - m11 x 1.5mm - 1.125" UHL

10836	Chevrolet - Driveline - Gen V LT1 - Flywheel Bolt m11 x 1.0mm - .895" UHL
10837	Chevrolet - Driveline - 265 - 454 ci - Flex Plate Bolt 7/16 - 20 x .725" UHL 1 Pc. Rear Seal
10838	Chevrolet - Driveline - 265 - 454 ci - Flex Plate Bolt 7/16 - 20 x .675" UHL 2 Pc. Rear Seal
10839	Chevrolet - Driveline - Gen III / IV LS - Flex Plate Bolt m11 x 1.5mm - .885" UHL
10840	Chevrolet - Driveline - Gen V LT1 / LT4 - Flex Plate Bolt m11 x 1.5mm - .760" UHL
10841	Chevrolet - Driveline - Bell Housing Stud - V6 & V8 3/8 - 16 1.375" OAL (12 Pt.)
10842	Chevrolet - Driveline - Bell Housing Stud - Gen III - LS m10 x 1.5mm - 1.375" OAL (12 Pt.)
10843	Chrysler - Driveline - 273-440 ci - Flywheel Bolt 7/16 - 20 x .880" UHL
10844	Chrysler - Driveline - Aftermarket V8 / 426 Hemi - Flywheel Bolt - 1/2 - 20 x .880" UHL
10845	Chrysler - Driveline - 5.7, 6.1L - 6.4L, Hemi V8 - Flywheel Bolt m10 x 1.0mm - 1.000" UHL
10846	Chrysler - Driveline - 273-440 ci - Flex Plate Bolt 7/16 - 20 x .500" UHL
10847	Chrysler - Driveline - Aftermarket V8 / 426 Hemi Flex Plate Bolt - 1/2 - 20 x .500" UHL
10848	Chrysler - Driveline - 5.7 , 6.1L - 6.4L, Hemi V8 - Flex Plate Bolt m10 x 1.0mm - .705" UHL
10849	Ford - 4.6L - 5.4L - Modular V8 - Driveline - Flywheel Bolt m10 x 1.0mm - 1.150" UHL
10850	Ford - 5.0L V8 Coyote - Driveline - Flywheel Bolt m10 x 1.0mm 1.000" UHL
10851	Ford 289-460 ci V8 - Driveline - Flywheel Bolt 7/16 - 20 x 1.000" UHL
10852	Ford - Aftermarket / Performance V8 - Driveline -TorqueMaster- Flywheel Bolt 7/16 - 20 x 1.000" UHL
10853	Ford - 4.6L - 5.4L Modular V8 - Driveline - Flex Plate bolt m10 x 1.0mm - .805" UHL
10854	Ford - 289-460 ci V8 - Driveline - Flex Plate Bolt 7/16 - 20 x .680" UHL
10855	Ford - Aftermarket / Performance V8- Driveline - Flex Plate Bolt 7/16 - 20 x .680" UHL- H11
10856	Ford - Mustang II - Driveline - Wheel Studs - Knurl 0.555 Ø, 0.390 long , 3.440 UHL, w/ 0.305 nose (1/2 - 20)
10857	Stainless Accessory Studs - m8 x 1.25 - Internal Broach 1.750 OAL



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

10858	Stainless Accessory Studs - m8 x 1.25 - External Hex 1.750 OAL
10859	Stainless Accessory Studs - 3/8" - Internal Broach 1.500 OAL
10860	Stainless Accessory Studs - 3/8" - External Hex
10861	Stainless Accessory Studs - m10 x 1.25 - Internal Broach 2.155 OAL
10862	Stainless Accessory Studs - m10 x 1.25 - External Hex 2.155 OAL "
10863	Stainless Accessory Studs - m10 x 1.25 - 1.5 - Internal Broach 2.155 OAL
10864	Stainless Accessory Studs - m10 x 1.25 - 1.5 - External Hex 2.155 OAL
10865	Carburetor Stud Kit - 5/16 - 18 F/C - 1.700 OAL (Hex)
10866	Carburetor Stud Kit - 5/16 - 18 F/C - 2.700 OAL (Hex)
10867	Carburetor Stud Kit - 5/16 - 18 F/C - 2.225 OAL - (Hex)
10868	Stainless Accessory Studs - 7/16" - External Hex
10869	Stainless Accessory Studs - 7/16" - Inconel
10870	Stainless Accessory Studs - m12 - Internal Broach
10871	Stainless Accessory Studs - m12 - Inconel
10872	Stainless Accessory Studs - 1/2" - Internal Broach
10873	Stainless Accessory Studs - 1/2" - Inconel
10874	Turbo Studs - T4 Foot Turbine Housing Base - Internal Broach
10875	Turbo Studs - T4 Foot Turbine Housing Base - External Hex
10876	Turbo Studs - T6 Foot Turbine Housing Base - Internal Broach
10877	Turbo Studs - T6 Foot Turbine Housing Base - External Hex
10878	Flat - 5/16 ID x 0.655 OD x 0.078 Thick Steel Washer
10879	Flat - 5/16 ID x 0.680 OD x 0.125 Thick Steel Washer 2pk
10880	Flat - 5/16 ID x 0.812 OD x 0.125 Thick Steel Washer

10881	Flat - 5/16 ID x 0.655 OD x 0.078 Thick Stainless Washer
10882	Flat - m8 ID x 17.1mm OD (0.675) x 3.2mm Thick (0.125) Steel Washer
10883	Flat - m8 ID x 17.1mm OD (0.675) x 3.2mm Thick (0.125) Steel Washer 2pk
10884	Flat - Chamfered - 3/8 ID x 0.750 OD x 0.125 Thick Steel Washer
10885	Flat - Chamfered - 3/8 ID x 0.750 OD x 0.125 Thick Steel Washer 2pk
10886	Flat - Chamfered - 3/8 ID x 1.200 OD x 0.125 Thick Steel Washer
10887	Flat - Chamfered - 3/8 ID x 0.750 OD x 0.125 Thick Steel Washer 10pk
10888	Flat - m10 ID x 19.0mm OD (0.750) x 3.2mm Thick (0.125) Steel Washer
10889	Flat - m10 ID x 19.0mm OD (0.750) x 3.2mm Thick (0.125) Steel Washer 2pk
10890	Flat - m10 ID x 19.0mm OD (0.750) x 3.2mm Thick (0.125) Steel Washer 10 pk
10891	Flat - m10 ID x 20.5mm OD (0.813) x 3.2mm Thick (0.125) Steel Washer 2pk
10892	Flat - m11 ID x 22.2mm OD (0.875) x 3.2mm Thick (0.125) Thick Steel Washer
10893	Flat - m11 ID x 22.2mm OD (0.875) x 3.2mm Thick (0.125) Thick Steel Washer 2pk
10894	Flat - m11 ID x 22.2mm OD (0.875) x 3.2mm Thick (0.125) Thick Steel Washer 10pk
10895	Flat - Chamfered - 7/16 ID x 0.750 OD x 0.125 Thick Steel Washer - 10 pack
10896	Flat - Chamfered - 7/16 ID x 0.750 OD x 0.125 Thick Steel Washer
10897	Flat - 7/16 ID x 0.812 OD x 0.125 Thick Steel Washer
10898	Flat - 7/16 ID x 0.750 OD 0.125 Thick Steel Washer -10 Pk
10901	Flat - m12 ID x 25mm OD (0.995) x 3.2mm Thick (0.125) Steel Washer
10902	Flat - m12 ID x 25mm OD (0.995) x 3.2mm Thick (0.125) Steel Washer 2pk
10903	Flat - m12 ID x 25mm OD (0.995) x 3.2mm Thick (0.125) Steel Washer 10pk
10904	Flat - Chamfered - m12 ID x 25mm OD (0.995) x 3.2mm Thick (0.125) Steel Washer
10905	Flat - Chamfered - 1/2 ID x 0.875 OD x 0.125 Thick Steel Washer

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



10906	Flat - Chamfered - 1/2 ID x 0.875 OD x 0.125 Thick Steel Washer - 10 Pk
10907	Flat - 1/2 ID x 0.875 OD x 0.125 Thick Steel Washer - 10 Pk
10908	Flat - Chamfered - 1/2 ID x 0.875 OD x 0.125 Thick Steel Washer 2pk
10909	Flat - 1/2 ID x 0.875 OD x 0.125 Thick Steel Washer 2pk
10910	Flat - m14 ID x 22.2mm OD (0.875) x 3.2mm Thick (0.125) Thick Steel Washer
10911	Flat - m14 ID x 22.2mm OD (0.875) x 3.2mm Thick (0.125) Thick Steel Washer 2pk
10912	Flat - m14 ID x 22.2mm OD (0.875) x 3.2mm Thick (0.125) Thick Steel Washer 10pk
10913	Flat - m14 ID x 22.2mm OD (0.875) x 3.2mm Thick (0.125) Thick Stainless Washer
10914	Flat - m14 ID x 22.2mm OD (0.875) x 3.2mm Thick (0.125) Thick Stainless Washer 2pk
10915	Flat - Chamfered - 9/16 ID x 0.995 OD x 0.125 Thick Steel Washer
10916	Flat - Chamfered - 9/16 ID x 0.995 OD x 0.125 Thick Steel Washer 2pk
10917	Flat - Chamfered - 9/16 ID x 0.995 OD x 0.125 Thick Steel Washer 10pk
10918	Flat - 9/16 ID x 0.995 OD x 0.125 Thick Steel Washer
10919	Flat - 9/16 ID x 0.995 OD x 0.125 Thick Steel Washer
10920	Flat - 5/8 ID x 1.300 OD x 0.120 Thick Steel Washer
10921	Flat - 5/8 ID x 1.600 OD x 0.270 Thick Steel Washer
10922	Flat - Chamfered - 5/8 ID x 2.000 OD x 0.270 Thick Steel Washer
10923	Flat - 1/2 ID x 1.300 OD x 0.125 Thick Steel Washer 2pk
10924	Flat - 1/2 ID x 1.300 OD x 0.125 Thick Steel Washer 10pk
10925	Flat - m16 ID x 28.4mm OD (1.120) x 3.2mm Thick (0.125) Steel Washer
10926	Flat - m16 ID x 28.4mm OD (1.120) x 3.2mm Thick (0.125) Steel Washer 2pk
10927	Flat - m16 ID x 28.4mm OD (1.120) x 3.2mm Thick (0.125) Steel Washer 10pk
10928	Flat - Chamfered - 3/4 ID x 1.370 OD x 0.200 Thick Steel Washer

10929	Flat - Chamfered - 3/4 ID x 1.750 OD x 0.270 Thick Steel Washer
10930	Flat - Chamfered - 3/4 ID x 2.000 OD x 0.270 Thick Steel Washer
10931	Flat - 3/4 ID x 2.000 OD x 0.175 Thick Stainless Washer
10932	Flat - 7/8 ID x 2.250 OD x 0.190 Thick Steel Washer
10933	Flat - 7/8 ID x 2.250 OD x 0.190 Thick Stainless Washer
10934	Flat - 1 ID x 2.500 OD x 0.190 Thick Steel Washer
10935	Flat - 1 ID x 2.500 OD x 0.190 Thick Stainless Washer
10936	5/16 - 24 12 Pt. Nut - Heavy Wall, Black Oxide, 0.625 collar, 0.390 tall w/ 3/8 wrenching grip
10937	5/16 - 24 Hex Nut. Black Oxide .590 collar, .360 tall w/ 1/2 wrenching
10938	5/16 - 24 12 pt. Nut, Stainless .625 collar, .390 tall w/ 7/16 wrenching
10939	5/16 - 24 Hex Nut, Zinc .700 collar, .290 tall w/ 1/2 wrenching
10940	m8 x 1.00mm 12 pt. Nut, Black Oxide 13.59mm (.535) collar, 8.38mm (.330) tall w/ 10mm wrenching
10941	m8 x 1.25mm 12 Pt. Nut, Stainless 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching
10942	3/8 - 24 Hex Flange Nut - Black Oxide 10 Pk
10943	3/8 - 24 Hex Nut, Black Oxide, .700 collar, .410 tall w/ 9/16 wrenching
10944	3/8 - 24 12 Pt. Nut, Black Oxide, .625 collar, .390 tall w/ 7/16 wrenching - 10pk
10945	3/8 - 24 12 Pt. Nut, Stainless .700 collar, .440 tall w/ 1/2 wrenching
10946	3/8 - 24 12 Pt. Nut, Black Oxide, .625 collar, .350 tall w/ 1/2 wrenching
10947	3/8 - 24 12 Pt. Nut, Black Oxide, .700 collar, .340 tall w/ 1/2 wrenching
10948	m10 x 1.50mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 9.91mm (.390) tall w/ 12mm wrenching
10949	m10 x 1.25mm 12 Pt. Nut, Black Oxide, 20.96mm (.825) collar, 11.43mm (.450) tall w/ 16mm wrenching



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

10950	m10 x 1.25mm 12 Pt. Nut, Black Oxide, 17.53mm (.690) collar, 9.91mm (.390) tall w/ 12mm wrenching
10951	m11 x 1.25mm 12 Pt. Nut, Black Oxide, 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching
10952	m11 x 1.25mm 12 pt. Nut, Stainless 20.96mm (.825) collar, 13.0mm (.512) tall w/ 14mm wrenching
10953	7/16 - 20 Hex Nut, Black Oxide, .825 collar, .410 tall w/ 11/16 wrenching
10954	7/16 - 20 Hex Nut, Black Oxide, .740 collar, .410 tall w/ 5/8 wrenching
10955	7/16 - 20 Hex Nut, Black Oxide, .740 collar, .410 tall w/ 9/16 wrenching
10956	7/16 - 20 12 pt. Nut, Stainless .700 collar, .440 tall w/ 1/2 wrenching
10959	m12 x 1.75mm 12 Pt. Nut, Black Oxide 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching
10960	m12 x 1.50mm 12 Pt. Nut, Black Oxide 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching
10961	m12 x 1.75mm 12 pt. Nut, Stainless 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching
10962	m12 x 1.25mm 12 Pt. Nut, Black Oxide 22.23mm (.875) collar, 13.59mm (.535) tall w/ 16mm wrenching
10963	1/2 - 20 Hex Nut, Black Oxide, .875 collar, .500 tall w/ 3/4 wrenching
10964	1/2 - 20 12 Pt. Nut, Black Oxide, .875 collar, .625 tall w/ 11/16 wrenching
10965	1/2 - 20 12 Pt. Nut, Black Oxide, .875 collar, .650 tall w/ 11/16 wrenching
10966	1/2 - 20 12 pt. Nut, Stainless .825 collar, .500 tall w/ 5/8 wrenching
10967	1/2 - 20 Hex Nut, Black Oxide, .875 collar, .500 tall w/ 3/4 wrenching - 2 pk
10968	1/2 - 20 Hex Nut, Black Oxide, .875 collar, .500 tall w/ 3/4 wrenching - 10 pk
10969	m14 x 1.25mm Nut, Black Oxide 22.23mm (.875) collar, 15.88mm (.625) tall w/ 16mm wrenching
10970	m14 x 1.25mm Nut, Black Oxide 26.67mm (1.050) collar, 16.51mm (.650) tall w/ 19mm wrenching

10971	1/4 - 28 Hex, Black Oxide, .535 collar, .300 tall w/ 7/16 wrenching
10972	7/16 - 20 12 Pt. Nut, Black Oxide, .825 collar, .500 tall w/ 5/8 wrenching
10973	7/16 - 20 Hex Nut, Black Oxide, .740 collar, .410 tall w/ 5/8 wrenching
10974	7/16 - 20 12 Pt. Nut, Black Oxide, .625 collar, .350 tall w/ 1/2 wrenching
10975	9/16 - 18 12 Pt. Nut, Stainless .825 collar, .500 tall w/ 5/8 wrenching
10976	9/16 - 12 12 Pt. Nut, Black Oxide, .950 collar, .650 tall w/ 11/16 wrenching
10977	9/16 - 18 Hex Nut, Black Oxide, .950 collar, .625 tall w/ 11/16 wrenching
10978	5/8 - 11 12 Pt. Nut, Black Oxide, 1.050 collar, .650 tall w/ 3/4 wrenching
10979	1/4 - 28 12 Pt. Nut, Black Oxide, .433 collar, .300 tall w/ 5/16 wrenching
10980	5/8 - 18 12 Pt. Nut, Black Oxide, 1.230 collar, .700 tall w/ 7/8 wrenching
10982	3/4 - 10 12 Pt. Nut, Black Oxide, 1.375 collar, .930 tall w/ 1" wrenching
10983	3/4 - 10 Hex Nut, Black Oxide, 1.550 collar, .900 collar w/ 1 - 1/8 wrenching
10984	3/4 - 16 12 Pt. Nut, Black Oxide, 1.550 collar, .900 tall w/ 1 - 1/8 wrenching
10985	7/8 - 14 Hex Nut, Black Oxide, 1.750 collar, 1.000 tall w/ 1 - 3/8 wrenching
10986	7/8 - 9 Hex Nut, Black Oxide, 1.750 collar, 1.000 tall w/ 1 - 3/8 wrenching
10987	1" - 14 Hex Nut, Black Oxide, 2.000 collar, 1.100 tall w/ 1 - 1/2 wrenching
10988	1" - 12 Hex Nut, Black Oxide, 2.000 collar, 1.100 tall 1 - 1/2 wrenching
10989	1" - 8 Hex Nut, Black Oxide, 2.000 collar, 1.100 tall 1 - 1/2 wrenching
10990	3/4 - 16 Hex Nut, Black Oxide, 1.550 collar, .900 tall w/ 1 - 1/8 wrenching
10991	3/8" Rod Bolt - TorqueMaster (12 Pt.) - Bulk
10992	3/8" Rod Bolt - TorqueMaster (12 Pt.) - Qty: 2
10993	3/8" Rod Bolt - TorqueMaster (12 Pt.) - Qty: 8
10994	3/8" Rod Bolt - TorqueMaster (12 Pt.) - Qty: 8

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



10995	3/8" Rod Bolt - TorqueMaster (12 Pt.) - Qty: 2
10996	3/8" Rod Bolt - TorqueMaster (12 Pt.) - Bulk
10997	7/16" Rod Bolt - Patriot (12 Pt.) - Bulk
10998	7/16" Rod Bolt - Patriot (12 Pt.) - Qty: 16
10999	7/16" Rod Bolt - Patriot (12 Pt.) - Qty: 2
11000	7/16" Semi-Finished Bolt - TorqueMaster (12 Pt.)
11001	7/16" Semi-Finished Bolt - Stainless Steel (12 Pt.)
11002	7/16" Semi-Finished Bolt - Tool Steel (12 Pt.)
11003	1/2" Semi-Finished Bolt - Patriot Material (Hex)
11004	1/2" Semi-Finished Bolt - Patriot Material (12 Pt.)
11005	1/2" Semi-Finished Bolt - TorqueMaster Material (12 Pt.)
11006	1/2" Semi-Finished Bolt - Stainless Steel (12 Pt.)
11007	1/2" Semi-Finished Bolt - Custom Age (12 Pt.)
11008	1/2" Semi-Finished Bolt - Tool Steel (12 Pt.)
11009	m14 Semi-Finished Bolt - Patriot Material (12 Pt.)
11010	9/16" Semi-Finished Bolt - Patriot Material (Hex)
11011	9/16" Semi-Finished Bolt - Patriot Material (12 Pt.)
11012	9/16" Semi-Finished Bolt - TorqueMaster Material (12 Pt.)
11013	9/16" Semi-Finished Bolt - Custom Age (12 Pt.)
11014	9/16" Semi-Finished Bolt - Tool Steel (12 Pt.)
11015	5/8" Semi-Finished Bolt - Patriot Material (12 Pt.)
11016	5/8" Semi-Finished Bolt - TorqueMaster Material (12 Pt.)
11017	m16 Semi-Finished Bolt - Patriot Material (12 Pt.)

11018	m16 Semi-Finished Bolt - TorqueMaster Material (12 Pt.)
11019	3/4" Semi-Finished Bolt - Patriot Material (12 Pt.)
11020	3/4" Semi-Finished Bolt - TorqueMaster Material (12 Pt.)
11021	3/4" Semi-Finished Bolt - Tool Steel (12 Pt.)
11022	7/8" Semi-Finished Bolt - Patriot Material (Hex)
11023	7/8" Semi-Finished Bolt - Patriot Material (12 Pt.)
11024	1" Semi-Finished Bolt - Patriot Material (Hex)
11025	1" Semi-Finished Bolt - Tool Steel (12 Pt.)
11026	Ford Eco Boost 2.3L - Patriot Main Stud Kit - 2 Bolt m10 x 1.25mm
11027	Mazda - 2.3L - Patriot Head Stud Kit
11028	Toyota - 2.4L - (2AZ) - 2007+ - Patriot Head Stud Kit
11029	Toyota - 2.4L - (2AZ) - 2006 and earlier - Patriot Head Stud Kit
11030	Ford - Eco Boost 2.3L - Patriot Head Stud Kit
11031	Stainless Accessory Studs - m10 x 1.25 - 1.905 OAL Internal Broach
11032	Stainless Accessory Studs - m10 x 1.25 - 1.905 OAL External Hex
11033	Stainless Accessory Studs - m10 x 1.25 - 1.5 - 1.905 OAL Internal Broach
11034	Stainless Accessory Studs - m10 x 1.25 - 1.5 - 1.905 OAL External Hex
11035	Stainless Accessory Studs - m8 x 1.25 - 2.255 OAL Internal Broach
11036	Stainless Accessory Studs - m8 x 1.25 - 2.255 OAL External Hex
11037	Stainless Accessory Studs - m8 x 1.25 - 2.005 OAL Internal Broach
11038	Stainless Accessory Studs - m8 x 1.25 - 2.005 OAL External Hex
11039	Stainless Accessory Studs - m8 x 1.25 - 1.505 OAL Internal Broach
11040	Stainless Accessory Studs - m8 x 1.25 - 1.505 OAL External Hex



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

11041	Stainless Accessory Studs - m8 x 1.25 - 1.255 OAL Internal Broach
11042	Stainless Accessory Studs - m8 x 1.25 - 1.255 OAL External Hex
11043	True Torq Lube 1.0 oz Tube
11044	True Torq Lube 0.5 oz Tube
11045	True Torq Lube Brush Top Squeeze Dispenser
11046	Ford - Tool Steel H11 - 6.0 Power Stroke - Patriot Main Stud Kit m14
11047	Cummins 5.9 / 6.7 CR years 03.5-18 - TorqueMaster Main Stud Kit m12 (Factory Block Stifner) w/out side bed plate bolts
11048	Chrysler - TorqueMaster Main Stud Kit - Energy Mfg. Block
11049	IH DT 466 - TorqueMaster Head Stud Kit - Standard Deck Height + 2"
11050	3/8 - 24 (1") x 7/16 - 14 (3/4"tl) - 2.250 OAL - 8740 - 5/32 hex
11051	1/2 - 20 x 1/2 - 13 1 - 1/4 (tl) - 4.400 OAL - 8740 - 3/16 hex
11052	1/2 - 20 x 1/2 - 13 1 - 1/4 (tl) - 5.750 OAL - 8740 - 3/16 hex
11053	1/2 - 20 x 1/2 - 13 1 - 1/4 (tl) - 5.250 OAL - 8740 - 3/16 hex
11054	1/2 - 20 x 1/2 - 13 1 - 1/4 (tl) - 4.750 OAL - 8740 - 3/16 hex
11055	1/2 - 20 x 1/2 - 13 1-1/4 (tl) - 4.060 OAL - 8740 - 3/16 hex
11056	3/8 - 24 (3/4" tl) x 3/8 - 16 (1/2"tl) - 2.160 OAL - 8740 - 5/32 hex
11057	3/8 - 24 (3/4" tl) x 3/8-16 (3/4"tl) - 2.500 OAL - 8740 - 5/32 hex
11058	7/16-20 (1" tl) x 7/16-14 (3/4"tl) - 2.235 OAL - 8740 - 5/32 hex
11059	7/16 - 20 (1" tl) x 7/16-14 (3/4"tl) - 2.250 OAL - 8740 - 5/32 hex
11060	1/4 - 28 (1"tl) x 1/4 - 20 (1/2"tl) - 1.800 OAL - Stainless -1/8 int mini broach
11061	3/8 - 24 (3/4" tl) x 3/8-16 (1/2"tl) - 1.670 OAL - 8740 - 1/8 ball
11062	3/8 - 24 12 Pt. Nut, Black Oxide, .625 collar, .390 tall w/ 7/16 wrenching
11063	Flat - 7/16 ID x 0.750 OD x 0.125 Thick Steel Washer 2pk

11064	Flat - 3/8 ID x 0.625 OD x 0.125 Thick Steel Washer
11065	3/8-24 Bolt 12 Pt. 1.25 UHL, 0.645 collar, .385 head hgt w/ 7/16 wrench - 180ksi
11066	7/16-20 Bolt 12pt 1.25 UHL, 0.745 collar, .435 head hgt, 1/2 wrench 180ksi
11067	Flat - Chamfered - 7/16 ID x 0.812 OD x 0.125 Thick Steel Washer
11068	Flat - Chamfered - m12 ID x 25mm OD (0.995) x 3.2mm Thick (0.125) Steel Washer 10pk
11069	Flat - m9 ID x 20.5mm OD (0.813) x 3.2mm Thick (0.125) Steel Washer
11070	Flat - m10 ID x 20.5mm OD (0.813) x 3.2mm Thick (0.125) Steel Washer 10pk
11071	3/8 stud x 3.000 OAL .900 fine thread w/ nipple, .850 coarse thread, .370 body
11072	3/8 stud x 3.000 OAL, .900 fine thread w/ nipple .850 coarse thread, .400 dowel stud
11073	3/8 - 24 (3/4" tl) x 3/8 - 16 (.700"tl) - 2.310 OAL - 8740 - 5/32 hex
11074	Nissan VG30 TorqueMaster Head Stud Kit (12 Pt. Nuts)
11075	McLaren 720 Head Stud Kit
11076	McLaren 720 Main Stud Kit (12 Pt. Nuts)
11077	Nissan RB25 / RB30 DOHC Patriot Head Stud Kit (No-Nipple)
11078	Chrysler Viper Patriot Head Stud Kit 1/2 - 13 x 1/2 - 20 '96 - '03"
11079	1/2 - 20 x 1/2 - 13 1 - 1/4 (tl) - 4.250 OAL - 8740 - 3/16 hex
11080	Nissan SR20 TorqueMaster Head Stud Kit (12 Pt. Nuts)
11081	Jeep Liberty Diesel TorqueMaster Head Stud Kit 05-09 production years
11082	Volkswagen Head Stud Kit
11083	1/2 - 20 x 1/2 - 13 1 - 1/4 (tl) - 4.620 OAL - 8740 - 3/16 hex
11084	RB30 and RB25 DOHC TorqueMaster Head Stud Kit 7/16 - 20 x m11 x 1.5 (5.000" OAL)
11085	RB30 SOHC Head Stud Kit 7/16 - 20 x m11 x 1.5 (6.550" OAL)
11086	BMW - Driveline - Flywheel Bolts - m12 x 1.5mm 28mm UHL

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



11087	Cummins 6.7 - TorqueMaster - 2019 - Current Head Stud Kit Deck Height and 24V Head (Factory)
11088	Cummins 6.7 - TorqueMaster - 2019 - Current Main Stud Kit (Factory)
11089	Ford - Driveline - Mustang (94-04) Wheel Studs (front) Knurl 0.595 Ø, 0.300 long , 3.115 UHL w/ 0.305 nose 1/2 - 20
11090	Ford - Driveline - Mustang (05 +) Wheel Studs (front) - Knurl 0.550 Ø, 0.300 long , 3.320 UHL w/ 0.305 nose 1/2 - 20
11091	Ford - Driveline - Mustang (05 +) - Wheel Studs (rear) - Knurl 0.615 Ø, 0.300 long , 3.320 UHL w/ 0.305 nose 1/2 - 20
11092	Honda - SOHC - Driveline - D Series (6 pc.) Flywheel Bolt - m12 x 1.0mm, UHL 0.780
11093	Honda -DOHC - Driveline - B Series (8 pc.) Flywheel Bolt - m12 x 1.0mm, UHL 0.890
11094	Mitsubishi - 4G63 - Driveline - DOHC (6 pc) - Flywheel Bolt m12 x 1.25mm x 0.825 UHL
11095	Mitsubishi - 4B11 - DOHC '08/+ - Driveline - Flywheel Bolt m12 x 1.25mm x 0.700 UHL (8 pcs)
11096	Mitsubishi - Late 4G63 / EVO 4-9 - Driveline - (7pc) Flywheel Bolt m12 x 1.25mm x 0.600 UHL
11097	Mitsubishi - Lancer EVO - VIII - Driveline - Wheel Studs - Knurl 0.565 Ø, 0.270 long , 3.005 UHL, w/ 0.355 nose m12 x 1.50mm
11098	Nissan - SR20 DE/DET - Driveline - Flywheel Bolt m10 x 1.0mm x 0.925 UHL
11099	Nissan - RB25 / RB26 Inline - 6 - Driveline - Flywheel Bolt m12 x 1.25mm x 1.180 UHL
11100	Nissan - RB25 / RB26 Inline - 6 - Driveline - - Flex Plate Bolt m12 x 1.25mm x 0.700 UHL
11101	Subaru - BRZ / WRX (Stock) - Driveline - Wheel Studs- Knurl 0.565 Ø, 0.270 long , 1.750 UHL no nose m12 x 1.25mm
11102	Subaru -BRZ / WRX (Extended) - Driveline - Wheel Studs- Knurl 0.565 Ø, 0.270 long , 2.535 UHL, w/ 0.200 nose m12 x 1.25mm
11103	Toyota - 1.6L - 4AGE - DOHC - Driveline - (8 pc) - Flywheel Bolt m10 x 1.25mm x 1.050 UHL
11104	Toyota - 1.8L - 2ZZGE - DOHC - Driveline - (8 pc) Flywheel Bolt m10 x 1.25mm x 0.875 UHL
11105	Toyota - 2.0L - 3SGTE - DOHC - Driveline - (8 pc) - Flywheel Bolt m12 x 1.25mm x 1.000 UHL

11106	Toyota - 2.4L - 4AZFE - DOHC - Driveline - (8 pc) - Flywheel Bolt m12 x 1.25mm x 1.000 UHL
11107	Ford - 6.0 - 6.4L - Damper Bolt - Patriot - 12 Pt. Wrenching with Washer
11108	Ford - 6.7L - Damper Bolt - 12 Pt. - Patriot - Wrenching with Washer
11109	"Ford - 6.0L / 6.4L (Single Mass) - Driveline - Flywheel Bolt m10 x 1.00mm x 2.015 UHL - Patriot"
11110	Ford - 6.4L - Driveline - Flywheel Bolt w/ Crank Flange Adaptor m12 x 1.25mm x 2.425 UHL - Patriot
11111	Ford - 6.7L - Driveline - Flywheel Bolt m12 x 1.5mm x 1.825 UHL - Patriot
11112	IH with Atlas/Crower-Rursch, Hyper - Driveline - Flywheel Bolt kit w/ 0.550 thick Flywheel, stock crank flange thread and thickness (16 bolt) 1/2 - 20
11113	Duramax - Driveline - Flex Plate Bolt m16 x 1.5mm x 1.775 UHL
11114	Duramax - Driveline - Flywheel Bolt m16 x 1.5mm x 1.600 UHL
11115	Duramax - Driveline - Exhaust Up Pipe - Stainless - Bolt Kit 12 pt
11116	Ford - Godzilla - Patriot Main Stud Kit
11117	Ford - Godzilla - Patriot Head Stud Kit
11118	Duramax - Custom Age L5P Head Stud Kit
11119	Duramax - L5P - Exhaust Manifold/Header Studs m8 external hex w/ 12 pt. Nuts Stainless Steel
11120	Ford 7.8 (401-474 block) Head Stud Kit (2 lengths) TorqueMaster
11121	Chrysler - Custom Age Main Stud Kit - Energy Mfg. Alky Block
11122	SBC - Patriot - Rod Bolts (Hex Nuts)
11123	Ford - 289 - 302 - Patriot Head Bolt Kit (Hex) Factory/Edelbrock/AFR
11124	Ford - 351W - Patriot Head Bolt Kit (Hex) - Factory/Edelbrock/RPM
11125	SBC - Patriot Main Bolt Kit - Dart - SHP Iron Block - 4 Bolt
11126	SBC - Damper Bolts 2.475 UHL 7/16 - 20 w/ 5/8 wrenching



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

11127	BBC - Patriot Head Bolt Kit (Hex) Pro-1,WP, Pro Line, Iron Dart, Mark IV
11128	Chrysler - 354/392 - Wedge -383-440-Hemi - Rod Bolts patriot
11129	SBC - Patriot Intake Bolts (12 pt.)
11130	SBC - Patriot Rod Bolts inline 6 cylinder (Hex)
11131	Ford - 289 - 302 - Oil Pump Drive Shaft
11132	SBC - Patriot Intake Bolts
11133	SBC - Valve Cover Studs 1/4 - 20 1.500 OAL (Hex Nuts) (8pcs)
11134	SBC - Valve Cover Studs 1/4 - 20 1.500 OAL (12 pt. Nuts) (8pcs)
11135	SBC - Valve Cover Studs 1/4 - 20 1.500 OAL (12 pt. Nuts) (12pcs)
11136	SBC - Valve Cover Studs 1/4 - 20 1.500 OAL (Hex Nuts) (12pcs)
11137	SBC - Valve Cover Studs 1/4 - 20 1.500 OAL (Hex Nuts) (14pcs)
11138	SBC - Valve Cover Studs 1/4 - 20 1.500 OAL (Hex Nuts) (16pcs)
11139	SBC - Valve Cover Studs 1/4 - 20 1.500 OAL (Hex Nuts; external hex install driver) (8 pcs)
11140	SBC - Valve Cover Studs 1/4 - 20 1.500 OAL (12 pt. Nuts; has external hex install driver) (8 pcs)
11141	SBC - Valve Cover Studs 1/4 - 20 1.500 OAL (12 pt. Nuts; has external hex install driver) (12 pcs)
11142	SBC - Valve Cover Studs 1/4 - 20 1.500 OAL (Hex Nuts; has external hex install driver) (12 pcs)
11143	SBC - Valve Cover Studs 1/4 - 20 1.500 OAL (Hex Nuts; has external hex install driver) (14 pcs)
11144	SBC - Valve Cover Studs 1/4 - 20 1.500 OAL (Hex Nuts; has external hex install driver) (16 pcs)
11145	SBC - Valve Cover Studs 1/4 - 20 1.500 OAL (12pt. Nuts; has external hex install driver) (16 pcs)
11146	SBC - Valve Cover Studs 1/4 - 20 1.500 OAL 12 pt. Nuts; has external hex install driver) (14 pcs)

11147	SBC - Valve Cover Studs 1/4 - 20 1.500 OAL (12 pt. Nuts) (14pcs)
11148	Dart - Brodix - Valve Cover Studs 1/4 - 20 3.500 OAL (Hex Nuts) (8 pcs)
11149	Dart - Brodix - Valve Cover Studs 1/4 - 20 3.500 OAL (Hex Nuts) (14 pcs)
11150	Dart - Brodix - Valve Cover Studs 1/4 - 20 3.500 OAL (Hex Nuts) (16 pcs)
11151	Dart - Brodix - Valve Cover Studs 1/4 - 20 3.500 OAL (12 pt. Nuts) (8pcs)
11152	Dart - Brodix - Valve Cover Studs 1/4 - 20 3.500 OAL (12 pt. Nuts) (14 pcs)
11153	Dart - Brodix - Valve Cover Studs 1/4 - 20 3.500 OAL (12 pt. Nuts) (16 pcs)
11154	Dart - Brodix - Valve Cover Studs 1/4-20 3.500 OAL (Hex Nuts; has hex install driver) (8pcs)
11155	Dart - Brodix - Valve Cover Studs 1/4 - 20 3.500 OAL (Hex Nuts; has hex install driver) (14 pcs)
11156	Dart - Brodix - Valve Cover Studs 1/4 - 20 3.500 OAL (Hex Nuts; has hex install driver) (16 pcs)
11157	Dart - Brodix - Valve Cover Studs 1/4 - 20 3.500 OAL (12 pt. Nuts); has hex install driver) (8pcs)
11158	Dart - Brodix - Valve Cover Studs 1/4 - 20 3.500 OAL (12 pt. Nuts); has hex install driver) (14 pcs)
11159	Dart - Brodix - Valve Cover Studs 1/4 - 20 3.500 OAL (12 pt. Nuts); has hex install driver) (16 pcs)
11160	SBC - Patriot Main Stud Kit - Large Journal - 4 Bolt (Hex)
11161	Chrysler - 318 - 360 - Wedge / Magnum - Rod Bolts
11162	BBC - Intake Manifold Bolts (12 pt.)
11163	SBC - BBC All - Cam Drive 1"
11164	Chrysler - Patriot Head Bolt Kit - Wedge SS B & RB from 360 (Hex)
11165	Ford - 221 - 302, 351W - Patriot Intake Manifold Bolts - 2.000" UHL (Hex)
11166	SBC - Patriot Head Stud Kit - OEM Aluminum, Iron 23°, Gen III, LT Brodix, Dart, AFR, Edelbrock,T rick Flow - Hex Nuts

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



11167	Ford - 351W - Oil Pump Drive Shaft
11168	SBC - Vortec - Intake Manifold Bolts - fits most aftermarket aluminum (Hex)
11169	SBC -Vortec - Intake Manifold Bolts - fits most aftermarket aluminum (12 pt.)
11170	Ford - 429 - 460 - Patriot Head Bolt Kit - Factory, Edelbrock
11171	Ford 289-302 - Patriot Rod Bolts (Hex)
11172	Ford FE Series - Patriot Rod Bolts (Hex)
11173	SBC - BBC - Patriot Cam Bolt .750 UHL 5/16 - 18 w/ 1/2 wrenching w/ cam button
11174	SBC - BBC - TorqueMaster Cam Bolt .750 UHL 5/16 - 18 w/ 1/2 wrenching w/ cam button 12 pt
11175	Ford - Boss 302, 351W, 429, 460 - Patriot Rod Bolts (Hex)
11176	SBC - Oil Pan Bolts - 1 Pc. Rubber Gasket (Hex)
11177	SBC - Oil Pan Bolts 1 Pc. Rubber Gasket (12 pt.)
11178	SBC - Fuel Pump Push Rod
11179	Ford - Oil Pump Bolt kit - 5/16" (Hex) 4pc
11180	Ford - 351W - Patriot Main Bolt Kit (Hex)
11181	Ford - Oil Pump Driveshaft - FE Series (most)
11182	Chrysler - 331, 354, 392 Hemi - Patriot Head Stud Kit - (Hex)
11183	Chrysler - 331, 354, 392 Hemi - Patriot Head Stud Kit (12 pt)
11184	BBC - Rocker Studs 1.900 OAL 7/16 - 14 x 3/8 - 24
11186	Ford - Patriot Cleveland SB Factory- Head Bolt Kit (Hex)
11187	Chevrolet LS - Gen III LS - Patriot Head Stud Kit (2 Lengths) 23°, Brodix, Dart, AFR, World, Edelbrock
11188	Chrysler - 5.2- 5.9L - Patriot Head Bolt Kit - Edelbrock (Hex)
11190	Ford -351W Factory - Patriot Head Stud Kit - SVO High Port, GT-40 Style, Iron Dart w/ 1/2 - 13 block threads

11191	Ford - 351W Factory - Patriot Head Stud Kit - SVO High Port, GT-40 Style, Iron Dart w/ 1/2 - 13 block threads - U/C studs (Hex)
11192	Ford - 351W factory Patriot Head Stud Kit - SVO High Port, GT-40 Style, Iron Dart w/ 1/2- 13 block threads - U/C studs (12 pt.)
11193	Chrysler - Small Block Mopar - Patriot Head Bolt Kit - W2 -Econo, Performer RPM (Hex)
11194	Pontiac - 400 - 455 - Patriot Head Bolt Kit w/ Edelbrock Heads after 3/2002 (Hex)
11195	Chrysler - Small Block - Patriot Head Bolt Kit (Hex)
11196	Pontiac - Patriot Flywheel Bolts - 1/2 - 20, .875 UHL (12 pt.)
11197	BBC - Oil Pan Bolts - 1 Pc. Rubber Gasket (Hex)
11198	BBC - Oil Pan Bolts -1 Pc. Rubber Gasket (12 pt.)
11199	BBC - Patriot Head Bolt Kit - Brodix Aluminum, Canfield (Hex)
11200	BBC - Stainless - Patriot Head Bolt Kit - Mark IV w/ Brodix Aluminum, Canfield, World (12 pt.)
11201	BBC - Stainless Head Bolt Kit - Brodix Aluminum, Canfield (Hex)
11202	BBC - Patriot Head Bolt Kit - Edelbrock (60) 409,429,459, 479, 499, 559 (Hex)
11203	BBC - Patriot Head Bolt Kit - Edelbrock (60) 409,429,459, 479, 499, 559 (12 pt.) - Stainless
11204	Ford - Main Stud - 4.6L - SIDE BOLT ONLY Patriot
11205	BBC - Patriot Head Bolt Kit - Mark V,VI, Late Bowtie, Dart aluminum, AFR, WP Heads (Hex)
11206	BBC - Patriot Head Bolt Kit - Mark V,VI Late Bowtie, Dart Aluminum, AFR, WP Heads (12 pt.)
11207	BBC - TorqueMaster Head Bolt Kit - Mark V,VI, Late Bowtie, Dart Aluminum, AFR, WP Heads - (12 pt.)
11208	Ford- Patriot Main Bolt Kit - FE- 2 Bolt (12 pt.)
11209	Pontiac - Patriot Main Stud Kit - 2 Bolt - (Hex)
11210	Pontiac - Patriot Main Stud Kit - 4 Bolt (Hex)
11211	BBC - 502 - Intake Manifold Bolts - 1.500" UHL (Hex)



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

11212	BBC - 396-454 - Patriot Head Stud Kit - Iron OEM, Mark IV (Hex)
11213	Chrysler - Patriot Main Bolt Kit (Low Head) - (12 pt.)
11214	SBC - Rocker Stud 1.900 OAL 7/16 - 20 x 7/16 - 14
11215	BBC - Patriot Head Stud Kit - Bowtie, Dart, AFR, Pro1 -early - 0.750" thread (Hex)
11216	Ford - 289 - 302 - Patriot Head Stud Kit - Factory / AFR
11217	Ford - 4.6 / 5.4 - Patriot Head Stud Kit (Hex)
11218	Ford - 4.6 / 5.4 - Patriot Head Stud Kit (12 pt.)
11219	Ford - 4.6 / 5.4 -TorqueMaster Head Stud Kit (Hex)
11220	Ford - 4.6 / 5.4 TorqueMaster Head Stud Kit (12 pt.)
11221	Pontiac - 350-455 - Patriot Head Bolt Kit - D-Port '67 & later (Hex)
11222	Pontiac - 400 - 455 - Patriot Head Bolt Kit w/ Edelbrock Heads before 3/05 (Hex)
11223	Pontiac - 400-455 - Patriot Head Bolt Kit w/ Edelbrock D-Port 61579, 61599 (Hex)
11224	BBC - 396-454 - Patriot Head Stud Kit - Brodix -2,4,2-3x, Holley
11225	BBC - Dart - Patriot Head Stud Kit
11226	Ford - Oil Pan Bolts - SB 289,302, 351C / W - Early Production Models - (Hex)
11227	Ford - Oil Pan Bolts - SB 289,302, 351C / W - Early Production Models - (12 pt.)
11228	Ford 6.0L Inner Bolts Only (12 pt.)
11229	Ford - 351 W - Patriot Main Stud Kit - 2 Bolt Windage Tray - Front Sump
11230	Ford - 4.6L, 5.4L - Patriot Main Stud Kit - 2 Bolt w/ Out Windage Tray
11231	Ford - 4.6L, 5.4L - Patriot Main Stud Kit - 4 Bolt w/ Out Windage Tray
11232	Ford - 4.6L, 5.4L 3V - Patriot Main Stud Kit - 4 Bolt w / Windage Tray
11233	Ford - 4.6L - Patriot Main Stud - 4 Bolt w/ Windage Tray - DOHC Only
11234	Ford - Patriot Main Stud Kit - 5.0 Boss, M-6010

11235	BBC TorqueMaster Head Studs - ELIMINATOR - 454
11236	McLaren - 720 - TorqueMaster Main Bolt Kit (12 pt.)
11237	BBC - Patriot Head Stud Kit - Dart Pro1 - 20° - 1" coarse thread; mfg 2015 and later (Hex)
11238	BBC Patriot Head Stud Kit - Dart Pro1 - 20° - 1" coarse thread; mfg 2015 and later (12 pt.)
11239	BBC - Patriot Head Stud Kit - Dart Merlin, Edelbrock, Iron / Aluminum Dart 360, Pro1 - 20° (pre 2015), AFR, Profiler 24° - 1" coarse thread (Hex)
11240	BBC - TorqueMaster Head Stud Kit - Dart Merlin, Edelbrock, Iron / Aluminum Dart 360, Pro1 - 20° (pre 2015) AFR, Profiler 24° - 1" coarse thread (12 pt.)
11241	BBC - Patriot Main Studs - 4 Bolt - 350 / 400 Dart Little M w/ Iron Main Caps Splayed
11242	Ford - Patriot Head Stud Kit - Man O' War w/ factory SBF or 18° Man O' War Heads
11243	Ford - Patriot Head Stud Kit - SVO 351R Block, N351 Heads (Hex)
11244	Ford - Patriot Head Stud Kit - SVO 351R Block, N351 Heads (12 pt.)
11245	Ford - Patriot Head Stud Kit - 351W Block, Brodix Neil, Blue Thunder N351 Heads. (12pt)
11246	Ford - Patriot Head Stud Kit - 351W Block, N351 Heads (Hex)
11247	Ford - Patriot Head Studs Kit - 351W Block, N351 Heads (12 pt.)
11248	Ford - Patriot Head Stud Kit - SVO 351, Fontana Block - '94 & later Yates Heads (12 pt.)
11249	Ford - Patriot Head Stud Kit - SVO 351, Fontana Block - '94 & later Yates Heads (Hex)
11250	Ford - Patriot Head Stud Kit - SVO 351, Yates '94 SVO Heads (Hex)
11251	Ford - Patriot Head Stud Kit - SVO 351, Yates '94 SVO Heads (12 pt.)
11252	Ford - Patriot Head Stud Kit - SVO 351, Yates SVO Heads (Hex)
11253	Ford - Patriot Head Stud Kit - SVO 351, Yates SVO Head (12 pt)
11254	Ford - 302W - Patriot Main Stud Kit - 4 Bolt - Dart Iron Eagle
11255	Ford - 302W - TorqueMaster Main Stud Kit - 4 Bolt - Dart Iron Eagle

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



11256	Ford - 351W - Patriot Main Stud Kit - 4 Bolt - Dart Iron Eagle
11257	Ford - 351W - TorqueMaster Main Stud Kit - 4 Bolt - Dart Iron Eagle
11258	Chrysler - Helephant - TorqueMaster Head Stud Kit (12 pt.)
11259	Cummins 2nd Gen m10 w/ 4mm int. Hex Stainless Exhaust Stud Kit
11260	IH/Navistar -466e dt530 TorqueMaster Head Stud Kit 9/16 - 18 x m14 - 2.0 w/ int broach hvy 12 pt. Nuts
11261	IH/Navistar - TorqueMaster D282 Head Stud Kit Universal (contains 16 studs); 1/2 x 20 - 1/2 x 13 int broach w / hvy 12 pt. nuts (14qty)
11262	Nissan GTR-RB26 - TorqueMaster Balancer Bolt m18 x 1.5mm - 89mm UHL (3.503") 27mm wrenching
11263	SBC - Oil Pan Studs 2 Pc. Gasket (12 pt. Nuts)
11264	BBC - Oil Pan Studs - Standard 2 Pc. Gasket (Hex Nuts)
11265	Ford - 289 - 302 - Oil Pan Studs (Hex Nuts)
11266	SBC -90 Degree bank V6 Oil Pan Studs (Hex Nuts)
11267	Chrysler - Wedge - Oil Pan Studs (Hex Nuts) zinc
11268	Chrysler - KB Hemi - Oil Pan Studs 1.305 oal (Hex Nuts)
11269	Chrysler - KB Hemi - Oil Pan Studs 1.305 oal (12 pt. Nuts)
11270	Valve Cover Studs stainless steel (16) 1/4 - 20, 1.500 OAL (Hex Nuts)
11271	Valve Cover Studs for stamped steel valve covers (8) 1/4 - 20 1.170 OAL (Hex Nuts)
11272	Valve Cover Studs for stamped steel valve covers (8) 1/4 - 20 1.170 OAL (12pt. Nuts)
11273	Valve Cover Studs for stamped steel valve covers (14 pcs) 1/4 - 20 1.170 OAL (Hex Nuts)
11274	Valve Cover Studs for stamped steel valve covers (14 pcs) 1/4 - 20 1.170 OAL (12pt. Nuts)
11275	Cummins ISV 5.0 Liter - TorqueMaster Head Stud Kit - (2015 Nissan Titan) and medium duty- trucks, vans, buses

11276	Cummins 4bt - 2 valves per cylinder (Years 84-on) - Patriot Head Stud Kit m12 x 1.25 - m12 x 1.75mm (3 lengths Length) Patriot
11277	Cummins 4bt - 2 valves per cylinder (Years 84-on) - Head Stud Kit m12 x 1.25 - m12 x 1.75mm (3 lengths Length) TorqueMaster
11278	Cummins 4bt - 2 valves per cylinder (Years 84-on) - Head Bolt Kit m12 x 1.25 - m12 x 1.75mm (3 lengths Length) TorqueMaster
11279	Cummins 4bt - 2 valves per cylinder (Years 84-on) - Head Stud Kit m12 x 1.25 - m12 x 1.75mm (3 lengths Length) custom age
11280	Cummins - 8.3 - Patriot Head bolt Kit - '90 - '98 (hex)
11281	Cummins - 8.9 - Patriot Head Bolt Kit (Hex)
11282	Ford 6.0 Power Stroke - Patriot Head Bolt Kit m14 (hex)
11283	Ford 6.0 Power Stroke - TorqueMaster Head Bolt Kit m14 (12pt)
11284	Ford 6.4 Power Stroke - TorqueMaster head bolt Kit m16 (12pt)
11285	Cummins 5.9/6.7 CR - TorqueMaster Head Bolt Kit m12 (12pt) 1998.5 - 2001 (most) - (2 lengths - deep exhaust drill depth)
11286	Cummins 5.9/6.7 CR - Patriot Head Bolt Kit m12 1998.5 - 2001 (most) - (2 lengths - deep exhaust drill depth) (hex)
11287	Cummins 5.9-6.7 24V 1998.5 - 18 - TorqueMaster Main bolt Kit m12 - Factory Block Stifner (12pt)
11288	Cummins 5.9-6.7 24V 1998.5 - 2018 - Patriot Main bolt Kit m12 - Factory Block Stifner (hex)
11289	Duramax - Patriot Head bolt Kit 12mm (stock deck height and cylinder head config) (hex) 01-16
11290	Duramax - Torque Master Head bolt Kit 12mm (stock deck height and cylinder head config) (12pt) 01-16
11291	Duramax - Patriot main bolt Kit 12mm (hex) 01-06 lb7/lly
11292	Duramax - TorqueMaster main bolt Kit 12mm (12pt) 01-06 lb7 / lly
11293	Duramax - 2.8L Patriot main stud Kit 12 pt
11294	Duramax - 2.8L Patriot Head stud Kit 12 pt



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

11295	Ford 6.0 Power Stroke - H11 Head stud Kit m14 (12pt) w/ M8 inner bolts
11296	Ford 6.0 Power Stroke - Custom Age Head stud Kit m14 (12pt) w/ M8 inner bolts
11297	Ford Power Stroke - 6.7L - Custom Age Head Stud Kit - 12 pt nuts
11298	CAT - Patriot Head Bolt Kit - C15 (2 Length)
11299	CAT - Torquemaster Head Bolt Kit - C15 (2 Length)
11300	CAT - Patriot main Bolt Kit - 3406B/C 3406E C15/16
11301	CAT - Rod Bolt Kit - 3406C,E, C15 (2 bolt)
11302	Cummins - 4bt - Rod Bolts- TorqueMaster - 12pt
11303	Ford - Rod Bolt Kit - 6.0-6.4 Patriot (12 pt wrenching)
11304	Ford - Rod Bolt Kit - 6.0-6.4 TorqueMaster (12 pt wrenching)
11305	Ford - Rod Bolt Kit - 7.3 TorqueMaster powdered metal rods late 2000 production thru 2003 (12 pt wrench)
11306	Ford - Rod Bolt Kit - 7.3 Patriot powdered metal rods late 2000 production thru 2003 (hex wrench)
11307	Cummins - Patriot- Head Stud Kit - ISB/QSB 4.5 liter
11308	Cummins - Patriot- main Stud Kit - ISC 8.3, ISL 8.3 / 8.9 (12 pt Nuts)
11309	Cummins - Patriot- main bolt Kit - ISC 8.3, ISL 8.3 / 8.9 (hex bolts)
11310	Cummins - Torque master- main bolt Kit - ISC 8.3, ISL 8.3 / 8.9 (12 pt Bolts)
11311	Ford - Rod Bolt Kit - 7.3 Tqmaster forged rods slab bolt 94-00 production (12 pt wrench)
11312	Ford - Rod Bolt Kit - 7.3 patriot forged rods slab bolt 94-00 production (hex nuts)
11313	Cummins 4bt - 2 valves per cylinder (Years 84-on) - Patriot main Stud Kit (12 pt Nuts)
11314	Cummins 4bt - 2 valves per cylinder (Years 84-on) - Patriot main bolt Kit (hex nuts)
11315	Cummins 4bt - 2 valves per cylinder (Years 84-on) -Torquemaster main bolt Kit (12pt)
11316	Cummins - Patriot- main Stud Kit - ISB/Qsb 4.5 liter (12 pt Nuts)

11317	Cummins - Patriot- main bolt Kit - ISB/Qsb 4.5 liter (hex bolts)
11318	Cummins - torque master- main bolt Kit - ISB/ Qsb 4.5 liter (12 pt bolts)
11319	Cummins 5.9 / 6.7 CR - TorqueMaster Main Stud Kit m12 (Factory Block Stifner) with side bed plate bolts (12 pt Nuts)
11320	Ford - main 4 Bolt Kit - 7.3 Tqmaster thru-03 production (12pt wrench)
11321	Ford - main 4 Bolt Kit - 7.3 patriot thru-03 production (hex wrench)
11322	Duramax - damper washer
11323	Duramax - damper bolt and washer kit
11324	Duramax - L5P Patriot Head bolt Kit 12mm (stock deck height and cylinder head config) (hex)
11325	Duramax - L5P Torque Master Head bolt Kit 12mm (stock deck height and cylinder head config) (12pt)
11326	Duramax - LB7,LLY, LBZ,LMM,LML YRS 01-16 - OEM Exhaust Manifold/Header Bolts Stainless, Hex wrench
11327	Duramax - LB7,LLY, LBZ,LMM,LML YRS 01-16 - OEMExhaust Manifold/Header Bolts Stainless, 12 pt wrench
11328	Duramax - L5P - OEM Exhaust Manifold/ Header Studs m8 external hex w/ 6 pt. heavy hex Nuts - Stainless Steel
11329	Duramax - L5P - OEM Exhaust Manifold/ Header Studs m8 external hex w/ 6 pt. locking hex Nuts Stainless Steel
11330	Duramax - LB7,LLY, LBZ,LMM,LML YRS 01-16 - Exhaust Manifold/Header Studs Stainless Steel, Aftermarket Manifolds all 1 length max .850 flange thickness, 12 pt nuts
11331	Cummins 5.9 24v Stainless Exhaust Manifold 12 pt bolt Kit w/ After Market Manifold or fact 24V 98.5- Current (Factory long style CR Spacers - heat shield deleted on 6.7)
11332	Cummins 5.9 12V/24 Stainless Exhaust Manifold 12 pt bolt Kit with factory 12 v or w/ After Market Manifold 24V - heavy flat washer
11333	Ford 6.0-6.4 Power Stroke exh man kit Stainless 12 point bolt kit with spacers non egr
11334	Ford 7.3 Power Stroke Stainless exh man kit 12 point bolt kit with wedge grip bolts

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



11335	Ford 7.3 Power Stroke Stainless exh man hex bolt kit with wedge grip bolts
11336	Ford 6.0 / 7.3 Power Stroke Stainless up pipe - 12 point bolt kit with 12 pt nuts
11337	Ford 6.0 / 7.3 Power Stroke Stainless up pipe - hex bolt kit with hex nuts
11338	Cummins - Patriot- head bolt Kit - ISB/QSB 4.5 liter (hex)
11339	Ford 6.0-6.4 Power Stroke Stainless exhaust manifold hex bolt kit with spacers non egr
11340	Ford 6.7 Power Stroke patriot head bolt kit hex wrench
11341	Ford 6.4 Power Stroke Stainless exhaust manifold 12 point bolt kit with spacers with egr mount
11342	Ford 6.4 Power Stroke Stainless exhaust manifold hex bolt kit with spacers with egr mount
11343	Ford 6.4 Power Stroke Stainless - up pipe stud kit with 12 point nuts
11344	Ford 6.4 Power Stroke Stainless - up pipe stud kit with hex nuts
11345	Ford 6.7 Power Stroke Stainless exhaust manifold stud kit 12 point nuts with spacers includes heat shield bolt mount kit
11346	Ford 6.7 Power Stroke Stainless exhaust manifold bolt kit 12 point with spacers includes heat shield bolt mount kit
11347	Cummins 855 Torquemaster head bolt kit 12 pt wrenching heavy flat washer (oem 3013603)
11348	Cummins 855 Patriot head bolt kit hex wrenching heavy flat washer (oem 3013603)
11349	Cummins N14 Torquemaster head bolt kit 12 pt wrenching heavy flat washer (oem 3071161)
11350	Cummins N14 Patriot head bolt kit hex wrenching heavy flat washer (oem 3071161)
11351	Cummins ISX-ISX15-X15 Torquemaster head bolt kit 12 pt wrenching heavy flat washer cm570,cm870-cm871, cm2250, c2350, cm2350, cm2450
11352	Cummins ISX-ISX15-X15 Patriot head bolt kit hex wrenching heavy flat washer cm570,cm870-cm871, cm2250, c2350, cm2350, cm2450

11353	Ford 7.3 Power Stroke Stainless exhaust manifold stud kit with wedge grip threads hex nuts
11354	Ford 7.3 Power Stroke Stainless exhaust manifold stud kit with wedge grip threads 12pt nuts
11355	Ford 6.0/6.4 Power Stroke Flex plate bolt kit. 1.245 uhl m10 x1.0mm 12 pt flat head - Patriot
11356	Ford 6.7 Power Stroke Flex plate bolt kit. 1.820 uhl m12 x1.5mm 12 pt flat head - Patriot
11357	Duramax - Patriot - Main bolt Kit 12mm (hex) 06-16 lbz/lmm/lml
11358	Duramax - TorqueMaster main bolt Kit 12mm (12pt) 06-16 lbz / lmm/lml
11359	Duramax - TorqueMaster main stud Kit 12mm (12pt) nuts 06-16 lbz / lmm/lml
11360	Duramax - Patriot main stud Kit 12mm (12pt) nuts 06-16 lbz / lmm/lml
11361	Cummins 5.9 / 6.7 CR - years 03.5-18 patriot Main Stud Kit m12 (Factory Block Stifner) with side bed plate bolts
11362	Ford 6.7 Power Stroke patriot head bolt kit hex wrench
11363	Ford 6.7 Power Stroke torque master head bolt kit 12 pt wrench
11364	Ford 6.7 Power Stroke patriot main bolt kit hex wrench
11365	Ford 6.7 Power Stroke torque master main bolt kit 12 pt wrench
11366	Ford 6.7 Power Stroke patriot main stud kit 12 pt nuts
11367	Ford 6.7 Power Stroke torque master main stud kit 12 pt nuts
11368	Ford Power Stroke - 7.3L - TorqueMaster Head bolt Kit 12 pt
11369	Ford Power Stroke - 7.3L - Patriot Head bolt Kit hex wrenching
11370	Ford 6.0 Power Stroke - TorqueMaster Main bolt Kit m14 w/ side bolts (12 pt wrench)
11371	Ford 6.0 Power Stroke - patriot Main bolt Kit m14 w/ side bolts (hex wrench)
11372	Ford 6.0 Power Stroke - patriot Main stud Kit m14 w/ side bolts 12 pt nuts
11373	Ford 6.4 Power Stroke - TorqueMaster Main bolt Kit m14 (12 pt wrench)
11374	Ford 6.4 Power Stroke - patriot Main bolt Kit (hex wrench)



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

11375	Ford 6.4 Power Stroke - patriot Main stud Kit (12 point nuts)
11376	Ford 6.4 Power Stroke - torquemaster Main stud Kit (12 point nuts)
11377	Duramax - L5P - TorqueMaster main Stud Kit (12 pt nuts)
11378	Duramax - L5P - TorqueMaster main bolt Kit (12 pt bolts)
11379	Duramax - L5P - patriot main Stud Kit (12 pt nuts)
11380	Duramax - L5P - patriot main bolt Kit (hex bolts)
11381	Duramax - Rocker arm moutning bolts - Torquemaster years 01-16
11382	Duramax - Fuel injector hold down bolts - Torquemaster years 04.5-16
11383	Duramax - Camshaft reatiner bolt kit- Torquemaster
11384	Duramax - L5P - patriot rod bolt Kit 12 pt
11385	Duramax - L5P - TorqueMaster rod bolt Kit 12 pt
11386	Duramax - Driveline - Exhaust Up Pipe - Stainless - Bolt Kit hex wrenching
11387	Duramax - Lb7 - steel valve cover bolts (hex)
11388	Duramax - Lb7 - steel valve cover bolts (12 pt)
11389	Duramax - Lb7 - stainless steel valve cover bolts (hex)
11390	Duramax - Lb7 - stainless steel valve cover bolts (12 pt)
11391	Duramax - Lbz,lly,lml,lmm - steel valve cover bolts (hex)
11392	Duramax - Lbz,lly,lml,lmm - steel valve cover bolts (12 pt)
11393	Duramax - Lbz,lly,lml,lmm - stainless steel valve cover bolts (hex)
11394	Duramax - Lbz,lly,lml,lmm - stainless steel valve cover bolts (12 pt)
11395	m12 x 1.50mm 12 pt. Nut, Stainless, 20.95mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching
11396	m12 x 1.50mm 12 pt. Nut, Stainless, 20.95mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching - 2 pk.

11397	m12 x 1.50mm 12 pt. Nut, Stainless, 20.95mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching - 10 pk
11398	m12 x 1.25mm 12 pt. Nut, Stainless, 22.23mm (.875) collar, 13.59mm (.535) tall w/ 16mm wrenching
11399	m12 x 1.25mm 12 pt. Nut, Stainless, 22.23mm (.875) collar, 13.59mm (.535) tall w/ 16mm wrenching - 2 pk
11400	m12 x 1.25mm 12 pt. Nut, Stainless, 22.23mm (.875) collar, 13.59mm (.535) tall w/ 16mm wrenching - 10 pk
11401	m12 x 1.25mm 12 pt. Nut, Stainless, 20.96mm (.825) collar, 12.7mm (.500) tall w/ 16mm wrenching
11402	m12 x 1.25mm 12 pt. Nut, Stainless, 20.96mm (.825) collar, 12.7mm (.500) tall w/ 16mm wrenching - 2 pk
11403	m12 x 1.25mm 12 pt. Nut, Stainless, 20.96mm (.825) collar, 12.7mm (.500) tall w/ 16mm wrenching - 10 pk
11404	m12 x 1.25mm 12 pt. Nut, Stainless, 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching
11405	m12 x 1.25mm 12 pt. Nut, Stainless, 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching - 2 pk
11406	m12 x 1.25mm 12 pt. Nut, Stainless, 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching - 10 pk
11407	m12 x 1.25mm 12 pt. Nut, Stainless, 18.8mm (.740) collar, 12.7mm (.500) tall w/ 14 mm wrenching
11408	m12 x 1.25mm 12 pt. Nut, Stainless, 18.8mm (.740) collar, 12.7mm (.500) tall w/ 14 mm wrenching - 2 pk
11409	m12 x 1.25mm 12 pt. Nut, Stainless, 18.8mm (.740) collar, 12.7mm (.500) tall w/ 14 mm wrenching - 10 pk
11410	m12 x 1.00mm 12 pt. Nut, Stainless, 18.8mm (.740) collar, 12.7mm (.500) tall w/ 14mm wrenching
11411	m12 x 1.00mm 12 pt. Nut, Stainless, 18.8mm (.740) collar, 12.7mm (.500) tall w/ 14mm wrenching - 2 pk
11412	m12 x 1.00mm 12 pt. Nut, Stainless, 18.8mm (.740) collar, 12.7mm (.500) tall w/ 14mm wrenching - 10 pk

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



11413	m10 x 1.50mm 12 pt. Nut, Stainless. 17.53mm (.690) collar, 9.91mm (.390) tall w/ 12mm wrenching
11414	m10 x 1.50 12 pt. Nut, Stainless. 17.53mm (.690) collar, 9.91mm (.390) tall w/ 12mm wrenching - 2 pk
11415	m10 x 1.50mm 12 pt. Nut, Stainless. 17.53mm (.690) collar, 9.91mm (.390) tall w/ 12mm wrenching - 10 pk
11416	m10 x 1.25 12 pt. Nut, Stainless, 17.53mm (.690) collar, 9.91mm (.390) tall w/ 12mm wrenching
11417	m10 x 1.25mm 12 pt. Nut, Stainless, 17.53mm (.690) collar, 9.91mm (.390) tall w/ 12mm wrenching - 2 pk
11418	m10 x 1.25mm 12 pt. Nut, Stainless, 17.53mm (.690) collar, 9.91mm (.390) tall w/ 12mm wrenching - 10 pk
11419	m10 x 1.25mm 12 pt. Nut, Stainless, 15.88mm (.625) collar, 9.91mm (.390) tall w/ 12 mm wrenching
11420	m10 x 1.25mm 12 pt. Nut, Stainless, 15.88mm (.625) collar, 9.91mm (.390) tall w/ 12 mm wrenching - 2 pk
11421	m10 x 1.25mm 12 pt. Nut, Stainless, 15.88mm (.625) collar, 9.91mm (.390) tall w/ 12 mm wrenching - 10 pk
11422	m10 x 1.00mm 12 pt. Nut, Stainless, 17.53mm (.690) collar, 9.91mm (.390) tall w/ 12mm wrenching
11423	m10 x 1.00mm 12 pt. Nut, Stainless, 17.53mm (.690) collar, 9.91mm (.390) tall w/ 12mm wrenching - 2 pk
11424	m10 x 1.00mm 12 pt. Nut, Stainless, 17.53mm (.690) collar, 9.91mm (.390) tall w/ 12mm wrenching - 10 pk
11425	m9 x 1.25mm 12 pt. Nut, Stainless. 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching
11426	m9 x 1.25mm 12 pt. Nut, Stainless. 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching - 2 pk
11427	m9 x 1.25mm 12 pt. Nut, Stainless. 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching - 10 pk
11428	m9 x 1.25mm 12 pt. Nut, Stainless 17.53mm (.690) collar, 8.26mm (.325) tall w/ 12mm wrenching

11429	m9 x 1.25mm 12 pt. Nut, Stainless 17.53mm (.690) collar, 8.26mm (.325) tall w/ 12mm wrenching - 2 pk
11430	m9 x 1.25mm 12 pt. Nut, Stainless 17.53mm (.690) collar, 8.26mm (.325) tall w/ 12mm wrenching - 10 pk
11431	m9 x 1.00mm 12 pt. Nut, Stainless 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching
11432	m9 x 1.00mm 12 pt. Nut, Stainless 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching - 2 pk
11433	m9 x 1.00mm 12 pt. Nut, Stainless 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching - 10 pk
11434	m9 x 1.00mm 12 pt. Nut, Stainless 17.53mm (.690) collar, 8.26mm (.325) tall w/ 12mm wrenching
11435	m9 x 1.00mm 12 pt. Nut, Stainless 17.53mm (.690) collar, 8.26mm (.325) tall w/ 12mm wrenching - 2 pk
11436	m9 x 1.00mm 12 pt. Nut, Stainless 17.53mm (.690) collar, 8.26mm (.325) tall w/ 12mm wrenching - 10 pk
11437	m8 x 1.00mm 12 pt. Nut., Stainless 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching
11438	m8 x 1.00mm 12 pt. Nut., Stainless 17.53 (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching - 2 pk
11439	m8 x 1.00mm 12 pt. Nut., Stainless 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching - 10 pk
11440	m8 x 1.00mm 12 pt. Nut, Stainless 13.59mm (.535) collar, 8.38mm (.330) tall w/ 10mm wrenching
11441	m8 x 1.00mm 12 pt. Nut, Stainless 13.59mm (.535) collar, 8.38mm (.330) tall w/ 10mm wrenching - 2 pk
11442	m8 x 1.00mm 12 pt. Nut, Stainless 13.59mm (.535) collar, 8.38mm (.330) tall w/ 10mm wrenching - 10 pk
11443	m6 x 1.00mm 12 pt. Nut, Stainless 11.00mm (.433) collar, 6.35mm (.250) tall w/ 8mm wrenching
11444	m6 x 1.00mm 12 pt. Nut, Stainless 11.00mm (.433) collar, 6.35mm (.250) tall w/ 8mm wrenching - 2 pk



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

11445	m6 x 1.00mm 12 pt. Nut, Stainless 11.00mm (.433) collar, 6.35mm (.250) tall w/ 8mm wrenching - 10 pk
11446	1/2 - 13 12 pt. Nut, Stainless .825 collar, .500 tall w/ 5/8 wrenching
11447	1/2 - 13 12 pt. Nut, Stainless .825 collar, .500 tall w/ 5/8 wrenching - 2 pk
11448	1/2 - 13 12 pt. Nut, Stainless .825 collar, .500 tall w/ 5/8 wrenching - 10 pk
11449	3/8 - 24 12 pt. Nut, Stainless .625 collar, .390 tall w/ 7/16 wrenching
11450	3/8 - 24 12 pt. Nut, Stainless .625 collar, .390 tall w/ 7/16 wrenching - 2 pk
11451	3/8 - 24 12 pt. Nut, Stainless .625 collar, .390 tall w/ 7/16 wrenching - 10 pk
11452	3/8 - 16 12 pt. Nut, Stainless .625 collar, .390 tall w/ 7/16 wrenching
11453	3/8 - 16 12 pt. Nut, Stainless .625 collar, .390 tall w/ 7/16 wrenching - 2 pk
11454	3/8 - 16 12 pt. Nut, Stainless .625 collar, .390 tall w/ 7/16 wrenching - 10 pk
11455	5/16 - 24 12 pt. Nut, Stainless .535 collar, .360 tall w/ 3/8 wrenching
11456	5/16 - 24 12 pt. Nut, Stainless .535 collar, .360 tall w/ 3/8 wrenching - 2 pk
11457	5/16 - 24 12 pt. Nut, Stainless .535 collar, .360 tall w/ 3/8 wrenching - 10 pk
11458	1/4 - 28 12 pt. Nut, Stainless .433 collar, .300 tall w/ 5/16 wrenching
11459	1/4 - 28 12 pt. Nut, Stainless .433 collar, .300 tall w/ 5/16 wrenching - 2 pk
11460	1/4 - 28 12 pt. Nut, Stainless .433 collar, .300 tall w/ 5/16 wrenching - 10 pk
11461	7/16 - 20 12 pt. Nut, Stainless .700 collar, .440 tall w/ .500 wrenching - 2 pk
11462	7/16 - 20 12 pt. Nut, Stainless .700 collar, .440 tall w/ .500 wrenching - 10 pk
11463	m11 x 1.25mm 12 pt. Nut, Stainless 20.96mm (.825) collar, 13.0mm (.512) tall w/ 14mm wrenching - 2 pk
11464	m11 x 1.25mm 12 pt. Nut, Stainless 20.96mm (.825) collar, 13.0mm (.512) tall w/ 14mm wrenching - 10 pk
11465	m12 x 1.75mm 12 pt. Nut, Stainless 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching - 2 pk

11466	m12 x 1.75mm 12 pt. Nut, Stainless 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching - 10 pk
11467	1/2 - 20 12 pt. Nut, Stainless .825 collar, .500 tall w/ 5/8 wrenching - 2 pk
11468	1/2 - 20 12 pt. Nut, Stainless .825 collar, .500 tall w/ 5/8 wrenching - 10 pk
11469	9/16 - 18 12 pt. Nut, Stainless .825 collar, .500 tall w/ 5/8 wrenching - 2 pk
11470	9/16 - 18 12 pt. Nut, Stainless .825 collar, .500 tall w/ 5/8 wrenching - 10 pk
11471	5/16 - 18 12 pt. Nut, Stainless .535 collar, .360 tall w/ 3/8 wrenching
11472	5/16 - 18 12 pt. Nut, Stainless .535 collar, .360 tall w/ 3/8 wrenching - 2 pk
11473	5/16 - 18 12 pt. Nut, Stainless .535 collar, .360 tall w/ 3/8 wrenching - 10 pk
11474	3/8 - 24 12 Pt. Nut, Stainless .700 collar, .440 tall w/ 1/2 wrenching - 2 pk
11475	3/8 - 24 12 Pt. Nut, Stainless .700 collar, .440 tall w/ 1/2 wrenching - 10 pk
11476	m8 x 1.25mm 12 pt. Nut, Stainless 13.59mm (.535) collar, 8.38mm (.330) tall w/ 10mm wrenching
11477	m8 x 1.25mm 12 pt. Nut, Stainless 13.59mm (.535) collar, 8.38mm (.330) tall w/ 10mm wrenching - 2 pk
11478	m8 x 1.25mm 12 pt. Nut, Stainless 13.59mm (.535) collar, 8.38mm (.330) tall w/ 10mm wrenching - 10 pk
11479	5/16 - 24 12 pt. Nut, Stainless .625 collar, .390 tall w/ 7/16 wrenching - 2 pk
11480	5/16 - 24 12 pt. Nut, Stainless .625 collar, .390 tall w/ 7/16 wrenching - 10 pk
11481	m8 x 1.25 12 Pt. Nut, Stainless 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching - 2 pk
11482	m8 x 1.25 12 Pt. Nut, Stainless 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching - 10 pk
11483	5/16 - 24 Hex Nut, .590 collar, .360 tall w/ 1/2 wrenching - 2 pk
11484	5/16 - 24 Hex Nut, .590 collar, .360 tall w/ 1/2 wrenching - 10 pk
11485	5/16 - 24 Hex Nut, Zinc .700 collar, .290 tall w/ 1/2 wrenching 2 pk

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



11486	5/16 - 24 Hex Nut, Zinc .700 collar, .290 tall w/ 1/2 wrenching 10 pk
11487	5/16 - 24 12 pt. Nut, Black Oxide .535 collar, .360 tall w/ 3/8 wrenching
11488	5/16 - 24 12 pt. Nut .535 collar, .360 tall w/ 3/8 wrenching - 2 pk
11489	5/16 - 24 12 pt. Nut .535 collar, .360 tall w/ 3/8 wrenching - 10 pk
11490	5/16 - 24 Hex Nut Black Oxide .590 collar, .270 tall w/ 3/8 wrenching
11491	5/16 - 24 Hex Nut .590 collar, .270 tall w/ 3/8 wrenching - 2 pk
11492	5/16 - 24 Hex Nut .590 collar, .270 tall w/ 3/8 wrenching - 10 pk
11493	5/16 - 18 Hex Nut, Zinc .700 collar, .290 tall w/ 1/2 wrenching
11494	5/16 - 18 Hex Nut, Zinc .700 collar, .290 tall w/ 1/2 wrenching 2 pk
11495	5/16 - 18 Hex Nut, Zinc .700 collar, .290 tall w/ 1/2 wrenching 10 pk
11496	5/16 - 18 12 pt. Nut, Black Oxide .535 collar, .360 tall w/ 3/8 wrenching
11497	5/16 - 18 12 pt. Nut .535 collar, .360 tall w/ 3/8 wrenching - 2 pk
11498	5/16 - 18 12 pt. Nut .535 collar, .360 tall w/ 3/8 wrenching - 10 pk
11499	m8 x 1.00mm 12 pt. Nut, Black Oxide 13.59mm (.535) collar, 8.38mm (.330) tall w/ 10mm wrenching - 2 pk
11500	m8 x 1.00mm 12 pt. Nut, Black Oxide 13.59mm (.535) collar, 8.38mm (.330) tall w/ 10mm wrenching - 10 pk
11501	m8 x 1.25mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching
11502	m8 x 1.25mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching - 2 pk
11503	m8 x 1.25mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching - 10 pk
11504	m8 x 1.25mm 12 pt. Nut, Black Oxide 15.88mm (.625) collar, 8.38mm (.330) tall w/ 11mm wrenching
11505	m8 x 1.25mm 12 pt. Nut, Black Oxide 15.88mm (.625) collar, 8.38mm (.330) tall w/ 11mm wrenching - 2 pk

11506	m8 x 1.25mm 12 pt. Nut, Black Oxide 15.88mm (.625) collar, 8.38mm (.330) tall w/ 11mm wrenching - 10 pk
11507	m8 x 1.25mm 12 pt. Nut, Black Oxide 13.59mm (.535) collar, 8.38mm (.330) tall w/ 10mm wrenching
11508	m8 x 1.25mm 12 pt. Nut, Black Oxide 13.59mm (.535) collar, 8.38mm (.330) tall w/ 10mm wrenching - 2 pk
11509	m8 x 1.25mm 12 pt. Nut, Black Oxide 13.59mm (.535) collar, 8.38mm (.330) tall w/ 10mm wrenching - 10 pk
11510	m8 x 1.00mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching
11511	m8 x 1.00mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching - 2 pk
11512	m8 x 1.00mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching - 10 pk
11513	m9 x 1.25mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching
11514	m9 x 1.25mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching - 2 pk
11515	m9 x 1.25mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching - 10 pk
11516	m9 x 1.25mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 8.26mm (.325) tall w/ 12mm wrenching
11517	m9 x 1.25mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 8.26mm (.325) tall w/ 12mm wrenching - 2 pk
11518	m9 x 1.25mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 8.26mm (.325) tall w/ 12mm wrenching - 10 pk
11519	m9 x 1.25mm 12 pt Nut, Black Oxide 15.88mm (.625) collar, 8.38mm (.330) tall w/ 11mm wrenching
11520	m9 x 1.25mm 12 pt Nut, Black Oxide 15.88mm (.625) collar, 8.38mm (.330) tall w/ 11mm wrenching - 2 pk
11521	m9 x 1.25mm 12 pt Nut, Black Oxide 15.88mm (.625) collar, 8.38mm (.330) tall w/ 11mm wrenching - 10 pk



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

11522	m9 x 1.00mm 12 pt Nut, Black Oxide 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching
11523	m9 x 1.00mm 12 pt Nut, Black Oxide 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching - 2 pk
11524	m9 x 1.00mm 12 pt Nut, Black Oxide 17.53mm (.690) collar, 9.40mm (.370) tall w/ 12mm wrenching - 10 pk
11525	m9 x 1.00mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 8.26mm (.325) tall w/ 12mm wrenching
11526	m9 x 1.00mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 8.26mm (.325) tall w/ 12mm wrenching - 2 pk
11527	m9 x 1.00mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 8.26mm (.325) tall w/ 12mm wrenching - 10 pk
11528	m9 x 1.00mm 12 pt. Nut, Black Oxide 15.88mm (.625) collar, 8.38mm (.330) tall w/ 11mm wrenching
11529	m9 x 1.00mm 12 pt. Nut, Black Oxide 15.88mm (.625) collar, 8.38mm (.330) tall w/ 11mm wrenching - 2 pk
11530	m9 x 1.00mm 12 pt. Nut, Black Oxide 15.88mm (.625) collar, 8.38mm (.330) tall w/ 11mm wrenching - 10 pk
11531	m10 x 1.50mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 9.91mm (.390) tall w/ 12mm wrenching - 2 pk
11532	m10 x 1.50mm 12 pt. Nut, Black Oxide 17.53mm (.690) collar, 9.91mm (.390) tall w/ 12mm wrenching - 10 pk
11533	m10 x 1.25mm 12 Pt. Nut, Black Oxide 20.96mm (.825) collar, 11.43mm (.450) tall w/ 16mm wrenching - 2 pk
11534	m10 x 1.25mm 12 Pt. Nut, Black Oxide 20.96mm (.825) collar, 11.43mm (.450) tall w/ 16mm wrenching - 10 pk
11535	m10 x 1.25mm 12 Pt. Nut, Black Oxide 17.53mm (.690) collar, 9.91mm (.390) tall w/12 mm wrenching - 2 pk
11536	m10 x 1.25mm 12 Pt. Nut, Black Oxide 17.53mm (.690) collar, 9.91mm (.390) tall w/12 mm wrenching - 10 pk
11537	m10 x 1.25mm 12 Pt. Nut, Black Oxide 15.88mm (.625) collar, 9.91mm (.390) tall w/ 12mm wrenching

11538	m10 x 1.25mm 12 Pt. Nut, Black Oxide 15.88mm (.625) collar, 9.91mm (.390) tall w/ 12mm wrenching - 2 pk
11539	m10 x 1.25mm 12 Pt. Nut, Black Oxide 15.88mm (.625) collar, 9.91mm (.390) tall w/ 12mm wrenching - 10 pk
11540	m10 x 1.25mm 12 Pt. Nut, Black Oxide 14.99mm (.590) collar, 8.26mm (.325) tall w/ 12mm wrenching
11541	m10 x 1.25mm 12 Pt. Nut, Black Oxide 14.99mm (.590) collar, 8.26mm (.325) tall w/ 12mm wrenching - 2 pk
11542	m10 x 1.25mm 12 Pt. Nut, Black Oxide 14.99mm (.590) collar, 8.26mm (.325) tall w/ 12mm wrenching - 10 pk
11543	m10 x 1.00mm 12 Pt. Nut, Black Oxide 17.53mm (.690) collar, 9.91mm (.390) tall w/ 12mm wrenching
11544	m10 x 1.00mm 12 Pt. Nut, Black Oxide 17.53mm (.690) collar, 9.91mm (.390) tall w/ 12mm wrenching - 2 pk
11545	m10 x 1.00mm 12 Pt. Nut, Black Oxide 17.53mm (.690) collar, 9.91mm (.390) tall w/ 12mm wrenching - 10 pk
11546	m11 x 1.25mm 12 Pt. Nut, Black Oxide, 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching - 2 pk
11547	m11 x 1.25mm 12 Pt. Nut, Black Oxide, 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching - 10 pk
11548	m12 x 1.75mm 12 pt. Nut, Stainless 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching - 2 pk
11549	m12 x 1.75mm 12 pt. Nut, Stainless 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching - 10 pk
11550	m12 x 1.50mm 12 Pt. Nut, Black Oxide 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching - 2 pk
11551	m12 x 1.50mm 12 Pt. Nut, Black Oxide 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching - 10 pk
11552	m12 x 1.25mm 12 Pt. Nut, Black Oxide 22.23mm (.875) collar, 13.59mm (.535) tall w/ 16mm wrenching - 2 pk
11553	m12 x 1.25mm 12 Pt. Nut, Black Oxide 22.23mm (.875) collar, 13.59mm (.535) tall w/ 16mm wrenching - 10 pk

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



11554	m12 x 1.25mm 12 Pt. Nut, Black Oxide 20.96mm (.825) collar, 12.7mm (.500) tall w/ 16mm wrenching
11555	m12 x 1.25mm 12 Pt. Nut, Black Oxide 20.96mm (.825) collar, 12.7mm (.500) tall w/ 16mm wrenching - 2 pk
11556	m12 x 1.25mm 12 Pt. Nut, Black Oxide 20.96mm (.825) collar, 12.7mm (.500) tall w/ 16mm wrenching - 10 pk
11557	m12 x 1.25mm 12 Pt. Nut, Black Oxide 20.96mm (.825) collar, 9.78mm (.385) tall w/ 16mm wrenching
11558	m12 x 1.25mm 12 Pt. Nut, Black Oxide 20.96mm (.825) collar, 9.78mm (.385) tall w/ 16mm wrenching - 2 pk
11559	m12 x 1.25mm 12 Pt. Nut, Black Oxide 20.96mm (.825) collar, 9.78mm (.385) tall w/ 16mm wrenching - 10 pk
11560	m12 x 1.25mm 12 Pt. Nut, Black Oxide 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching
11561	m12 x 1.25mm 12 Pt. Nut, Black Oxide 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching - 2 pk
11562	m12 x 1.25mm 12 Pt. Nut, Black Oxide 20.96mm (.825) collar, 12.7mm (.500) tall w/ 14mm wrenching - 10 pk
11563	m12 x 1.25mm Nut, Heavy Wall thru hard, Black Oxide, 21mm Collar (0.825), 12.2mm tall (0.480) w/ 16mm wrench grip - 2 pk
11564	m12 x 1.25mm Nut, Heavy Wall thru hard, Black Oxide, 21mm Collar (0.825), 12.2mm tall (0.480) w/ 16mm wrench grip - 10 pk
11565	m12 x 1.25mm Nut, Black Oxide 18.80mm (.740) collar, 12.7mm (.500) tall w/ 14mm wrenching
11566	m12 x 1.25mm Nut, Black Oxide 18.80mm (.740) collar, 12.7mm (.500) tall w/ 14mm wrenching - 2 pk
11567	m12 x 1.25mm Nut, Black Oxide 18.80mm (.740) collar, 12.7mm (.500) tall w/ 14mm wrenching - 10 pk
11568	m12 x 1.25mm Nut, Black Oxide 17.53mm (.690) collar, 12.7mm (.500) tall w/ 14mm wrenching
11569	m12 x 1.25mm Nut, Black Oxide 17.53mm (.690) collar, 12.7mm (.500) tall w/ 14mm wrenching - 2 pk

11570	m12 x 1.25mm Nut, Black Oxide 17.53mm (.690) collar, 12.7mm (.500) tall w/ 14mm wrenching - 10 pk
11571	m12 x 1.00mm Nut, Black Oxide 18.80mm (.740) collar, 12.7mm (.500) tall w/ 14mm wrenching
11572	m12 x 1.00mm Nut, Black Oxide 18.80mm (.740) collar, 12.7mm (.500) tall w/ 14mm wrenching - 2 pk
11573	m12 x 1.00mm Nut, Black Oxide 18.80mm (.740) collar, 12.7mm (.500) tall w/ 14mm wrenching - 10 pk
11574	m13 - 1.00mm Nut, Black Oxide 24.13mm (.950) collar, 16.51mm (.650) tall w/ 19mm wrenching
11575	m13 - 1.00mm Nut, Black Oxide 24.13mm (.950) collar, 16.51mm (.650) tall w/ 19mm wrenching - 2 pk
11576	m13 - 1.00mm Nut, Black Oxide 24.13mm (.950) collar, 16.51mm (.650) tall w/ 19mm wrenching - 10 pk
11577	m13 x 1.25mm Nut, Black Oxide 24.13mm (.950) collar, 16.51mm (.650) tall w/ 19mm wrenching
11578	m13 x 1.25mm Nut, Black Oxide 24.13mm (.950) collar, 16.51mm (.650) tall w/ 19mm wrenching - 2 pk
11579	m13 x 1.25mm Nut, Black Oxide 24.13mm (.950) collar, 16.51mm (.650) tall w/ 19mm wrenching - 10 pk
11580	m14 x 1.25mm Nut, Black Oxide 22.23mm (.875) collar, 15.88mm (.625) tall w/ 16mm wrenching - 2 pk
11581	m14 x 1.25mm Nut, Black Oxide 22.23mm (.875) collar, 15.88mm (.625) tall w/ 16mm wrenching - 10 pk
11582	m14 x 1.25mm Nut, Black Oxide 26.67mm (1.050) collar, 16.51mm (.650) tall w/ 19mm wrenching - 2 pk
11583	m14 x 1.25mm Nut, Black Oxide 26.67mm (1.050) collar, 16.51mm (.650) tall w/ 19mm wrenching - 10 pk
11584	m16 x 1.25mm Nut, Black Oxide 31.24mm (1.230) collar, 17.78mm (.700) tall w/ 19mm wrenching
11585	m16 x 1.25mm Nut, Black Oxide 31.24mm (1.230) collar, 17.78mm (.700) tall w/ 19mm wrenching - 2 pk



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

11586	m16 x 1.25mm Nut, Black Oxide 31.24mm (1.230) collar, 17.78mm (.700) tall w/ 19mm wrenching - 10 pk
11587	m6 x 1.00mm Nut, Black Oxide 11.00mm (.433) collar, 6.35mm (.250) tall w/ 8mm wrenching
11588	m6 x 1.00mm Nut, Black Oxide 11.00mm (.433) collar, 6.35mm (.250) tall w/ 8mm wrenching - 2 pk
11589	m6 x 1.00mm Nut, Black Oxide 11.00mm (.433) collar, 6.35mm (.250) tall w/ 8mm wrenching - 10 pk
11590	3/8 - 24 12 pt. Nut, Black Oxide, 0.700 collar, 0.425 tall w/ 1/2 wrenching grip - 2 Pk
11591	3/8 - 24 12 pt. Nut, Black Oxide, 0.700 collar, 0.425 tall w/ 1/2 wrenching grip - 10 pk
11592	7/8 - 14 12 pt. Nut, Black Oxide, 1.750 collar, 1.100 tall w/ 1 - 1/4 wrenching - 2 pk
11593	7/8 - 14 12 pt. Nut, Black Oxide, 1.750 collar, 1.100 tall w/ 1 - 1/4 wrenching - 10 pk
11594	7/8 - 9 12 pt. Nut, Black Oxide, 1.750 collar, 1.100 tall w/ 1 - 1/4 wrenching
11595	7/8 - 9 12 pt. Nut, Black Oxide, 1.750 collar, 1.100 tall w/ 1 - 1/4 wrenching - 2 pk
11596	7/8 - 9 12 pt. Nut, Black Oxide, 1.750 collar, 1.100 tall w/ 1 - 1/4 wrenching - 10 pk
11597	7/8 - 14 Hex Nut, Black Oxide, 1.750 collar, 1.000 tall w/ 1 - 3/8 wrenching - 2 pk
11598	7/8 - 14 Hex Nut, Black Oxide, 1.750 collar, 1.000 tall w/ 1 - 3/8 wrenching - 10 pk
11599	7/8 - 9 Hex Nut, Black Oxide, 1.750 collar, 1.000 tall w/ 1 - 3/8 wrenching - 2 pk
11600	7/8 - 9 Hex Nut, Black Oxide, 1.750 collar, 1.000 tall w/ 1 - 3/8 wrenching - 10 pk
11601	1" - 14 Hex Nut, Black Oxide, 2.000 collar, 1.100 tall w/ 1 - 1/2 wrenching - 2 pk
11602	1" - 14 Hex Nut, Black Oxide, 2.000 collar, 1.100 tall w/ 1 - 1/2 wrenching - 10 pk
11603	1" - 12 Hex Nut, Black Oxide, 2.000 collar, 1.100 tall 1 - 1/2 wrenching - 2 pk
11604	1" - 12 Hex Nut, Black Oxide, 2.000 collar, 1.100 tall 1 - 1/2 wrenching - 10 pk
11605	1" - 8 Hex Nut, Black Oxide, 2.000 collar, 1.100 tall 1 - 1/2 wrenching - 2 pk
11606	1" - 8 Hex Nut, Black Oxide, 2.000 collar, 1.100 tall 1 - 1/2 wrenching - 10 pk

11607	3/4 - 16 Hex Nut, Black Oxide, 1.550 collar, 0.900 tall w/ 1 - 1/8 wrenching - 2 pk
11608	3/4 - 16 Hex Nut, Black Oxide, 1.550 collar, 0.900 tall w/ 1 - 1/8 wrenching - 10 pk
11609	3/4 - 16 12 Pt. Nut, Black Oxide, 1.550 collar, 0.900 tall w/ 1 - 1/8 wrenching - 2 pk
11610	3/4 - 16 12 Pt. Nut, Black Oxide, 1.550 collar, 0.900 tall w/ 1 - 1/8 wrenching - 10 pk
11611	3/4 - 16 12 pt. Nut, Black Oxide, 1.375 collar, 0.930 tall w/ 1.00 wrenching - 2 pk
11612	3/4 - 16 12 pt. Nut, Black Oxide, 1.375 collar, 0.930 tall w/ 1.00 wrenching - 10 pk
11613	3/4 - 10 Hex Nut, Black Oxide, 1.550 collar, 0.900 collar w/ 1 - 1/8 wrenching - 2 pk
11614	3/4 - 10 Hex Nut, Black Oxide, 1.550 collar, 0.900 collar w/ 1 - 1/8 wrenching - 10 pk
11615	3/4 - 10 12 Pt. Nut, Black Oxide, 1.375 collar, 0.930 tall w/ 1.00 wrenching - 2 pk
11616	3/4 - 10 12 Pt. Nut, Black Oxide, 1.375 collar, 0.930 tall w/ 1.00 wrenching - 10 pk
11617	5/8 - 18 12 Pt. Nut, Black Oxide, 1.230 collar, .700 tall w/ 7/8 wrenching - 2 pk
11618	5/8 - 18 12 Pt. Nut, Black Oxide, 1.230 collar, .700 tall w/ 7/8 wrenching - 10 pk
11619	5/8 - 18 12 Pt. Nut, Black Oxide, 1.050 collar, 0.650 tall w/ 3/4 wrenching - 2 pk
11620	5/8 - 18 12 Pt. Nut, Black Oxide, 1.050 collar, 0.650 tall w/ 3/4 wrenching - 10 pk
11621	5/8 - 11 12 Pt. Nut, Black Oxide, 1.050 collar, .650 tall w/ 3/4 wrenching - 2 pk
11622	5/8 - 11 12 Pt. Nut, Black Oxide, 1.050 collar, .650 tall w/ 3/4 wrenching - 10 pk
11623	9/16 - 18 Hex Nut, Black Oxide, .950 collar, .625 tall w/ 11/16 wrenching - 2 pk
11624	9/16 - 18 Hex Nut, Black Oxide, .950 collar, .625 tall w/ 11/16 wrenching - 10 pk
11625	9/16 - 18 12 Pt. Nut, Black Oxide, 0.950 collar, 0.650 tall w/ 11/16 wrenching - 2 pk
11626	9/16 - 18 12 Pt. Nut, Black Oxide, 0.950 collar, 0.650 tall w/ 11/16 wrenching - 10 pk
11627	9/16 - 12 12 Pt. Nut, Black Oxide, .950 collar, .650 tall w/ 11/16 wrenching - 2 pk
11628	9/16 - 12 12 Pt. Nut, Black Oxide, .950 collar, .650 tall w/ 11/16 wrenching - 10 pk
11629	1/2 - 20 12 Pt. Nut, Black Oxide, .875 collar, .650 tall w/ 11/16 wrenching - 2 pk

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



11630	1/2 - 20 12 Pt. Nut, Black Oxide, .875 collar, .650 tall w/ 11/16 wrenching - 10 pk
11631	1/2 - 20 12 Pt. Nut, Black Oxide, .875 collar, .625 tall 11/16 wrenching - 2 pk
11632	1/2 - 20 12 Pt. Nut, Black Oxide, .875 collar, .625 tall 11/16 wrenching - 10 pk
11633	1/2 - 20 12 Pt. Nut, Black Oxide, .825 collar, .500 tall w/ 5/8 wrenching
11634	1/2 - 20 12 Pt. Nut, Black Oxide, .875 collar, .530 tall w/ 5/8 wrenching - 2 pk
11635	1/2 - 20 12 Pt. Nut, Black Oxide, .875 collar, .530 tall w/ 5/8 wrenching - 10 pk
11636	1/2 - 20 12 Pt. Nut, Black Oxide, .825 collar, .460 tall w/ 5/8 wrenching
11637	1/2 - 20 12 Pt. Nut, Black Oxide, .825 collar, .460 tall w/ 5/8 wrenching - 2 pk
11638	1/2 - 20 12 Pt. Nut, Black Oxide, .825 collar, .460 tall w/ 5/8 wrenching - 10 pk
11639	1/2 - 20 12 Pt. Nut, Black Oxide, .825 collar, .500 tall w/ 5/8 wrenching
11640	1/2 - 20 12 Pt. Nut, Black Oxide, .825 collar, .500 tall w/ 5/8 wrenching - 2 pk
11641	1/2 - 20 12 Pt. Nut, Black Oxide, .825 collar, .500 tall w/ 5/8 wrenching - 10 pk
11642	7/16 - 20 Hex Nut, Black Oxide, .825 collar, .410 tall w/ 11/16 wrenching - 2 pk
11643	7/16 - 20 Hex Nut, Black Oxide, .825 collar, .410 tall w/ 11/16 wrenching - 10 pk
11644	7/16 - 20 Hex Nut, Black Oxide, .740 collar, .410 tall w/ 5/8 wrenching - 2 pk
11645	7/16 - 20 Hex Nut, Black Oxide, .740 collar, .410 tall w/ 5/8 wrenching - 10 pk
11646	7/16 - 20 Hex Nut, Black Oxide, .740 collar, .410 tall w/ 9/16 wrenching - 2 pk
11647	7/16 - 20 Hex Nut, Black Oxide, .740 collar, .410 tall w/ 9/16 wrenching - 10 pk
11648	7/16 - 20 12 Pt. Nut, Black Oxide, .825 collar, .500 tall w/ 5/8 wrenching - 2 pk
11649	7/16 - 20 12 Pt. Nut, Black Oxide, .825 collar, .500 tall w/ 5/8 wrenching - 10 pk
11650	7/16 - 20 12 Pt. Nut, Black Oxide, .825 collar, .475 tall w/ 9/16 wrenching - 2 pk
11651	7/16 - 20 12 Pt. Nut, Black Oxide, .825 collar, .475 tall w/ 9/16 wrenching - 10 pk
11652	7/16 - 20 12 pt. Nut, Black Oxide, 0.700 collar, 0.435 tall w/ 1/2 wrenching - 2 pk

11654	7/16 - 20 12 Pt. Nut, Black Oxide, .625 collar, .350 tall w/ 1/2 wrenching - 2 pk
11655	7/16 - 20 12 Pt. Nut, Black Oxide, .625 collar, .350 tall w/ 1/2 wrenching - 10 pk
11656	7/16 - 20 Hex Nut, Black Oxide, .740 collar, .410 tall w/ 5/8 wrenching - 2 pk"
11657	7/16 - 20 Hex Nut, Black Oxide, .740 collar, .410 tall w/ 5/8 wrenching - 10pk
11658	7/16 - 20 12 Pt. Nut, Black Oxide, .700 collar, .440 tall w/ 1/2 wrenching
11659	7/16 - 20 12 Pt. Nut, Black Oxide, .700 collar, .440 tall w/ 1/2 wrenching - 2 pk
11660	7/16 - 20 12 Pt. Nut, Black Oxide, .700 collar, .440 tall w/ 1/2 wrenching - 10 pk
11661	3/8 - 24 12 Pt. Nut, Black Oxide, .700 collar, .340 tall w/ 1/2 wrenching - 2 pk
11662	3/8 - 24 12 Pt. Nut, Black Oxide, .700 collar, .340 tall w/ 1/2 wrenching - 10 pk
11663	3/8 - 24 12 Pt. Nut, Black Oxide, .625 collar, .350 tall w/ 1/2 wrenching - 2 pk
11664	3/8 - 24 12 Pt. Nut, Black Oxide, .625 collar, .350 tall w/ 1/2 wrenching - 10 pk
11665	3/8 - 24 12 Pt. Nut, Black Oxide, .625 collar, .390 tall w/ 7/16 wrenching - 2 pk
11667	3/8 - 24 Hex Nut, Black Oxide, .700 collar, .410 tall w/ 9/16 wrenching - 2 pk
11668	1/4 - 28 Hex Nut, Zinc, .590 collar, .235 tall w/ 7/16 wrenching
11669	3/8 - 16 12 Pt. Nut, Black Oxide, .625 collar, .390 tall w/ 7/16 wrenching
11670	3/8 - 16 12 Pt. Nut, Black Oxide, .625 collar, .390 tall w/ 7/16 wrenching - 2 pk
11671	3/8 - 16 12 Pt. Nut, Black Oxide, .625 collar, .390 tall w/ 7/16 wrenching - 10 pk
11672	5/16 - 24 12 Pt. Nut, Black Oxide, .625 collar, .390 tall w/ 7/16 wrenching
11673	5/16 - 24 12 Pt. Nut, Black Oxide, .625 collar, .390 tall w/ 7/16 wrenching
11674	1/4 - 28 Hex Nut, Zinc, .590 collar, .235 tall w/ 7/16 wrenching - 2 pk
11675	1/4 - 28 Hex Nut, Zinc, .590 collar, .235 tall w/ 7/16 wrenching - 10 pk
11676	1/4 - 28 Hex, Black Oxide, .535 collar, .300 tall w/ 7/16 wrenching - 2 pk
11677	1/4 - 28 Hex, Black Oxide, .535 collar, .300 tall w/ 7/16 wrenching - 10 pk



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

11678	1/4 -28 12 Pt. Nut, Black Oxide, .433 collar, .300 tall w/ 5/16 wrenching - 2 pk
11679	1/4 -28 12 Pt. Nut, Black Oxide, .433 collar, .300 tall w/ 5/16 wrenching - 10 pk
11680	1/4 - 20 12 Pt. Nut, Black Oxide, .433 collar, .300 tall w/ 5/16 wrenching
11681	1/4 - 20 12 Pt. Nut, Black Oxide, .433 collar, .300 tall w/ 5/16 wrenching - 2 pk
11682	1/4 - 20 12 Pt. Nut, Black Oxide, .433 collar, .300 tall w/ 5/16 wrenching - 10 pk
11683	1/2 -20 12 Pt. Nut, Black Oxide, .825 collar, .500 tall w/ 5/8 wrenching - 2 pk
11684	1/2 -20 12 Pt. Nut, Black Oxide, .825 collar, .500 tall w/ 5/8 wrenching - 10 pk
11685	9/16 - 18 12 pt. Nut, Ex Heavy Wall, Black Oxide, .975 collar, .700 tall w/ 3/4 wrenching - 2 pk
11686	9/16 - 18 12 pt. Nut, Ex Heavy Wall, Black Oxide, .975 collar, .700 tall w/ 3/4 wrenching - 10 pk
11687	7/16 - 20 Heavy Wall High Hex Nut, Stainless, .688 across flats, .630 tall - 11/16 wrenching 2 pk
11688	7/16 - 20 Heavy Wall High Hex Nut, Stainless, .688 across flats, .630 tall 11/16 wrenching - 10 pk
11689	9/16 - 18 Heavy Wall Low Profile Hex Nut, Black Oxide, .875 across flats, .485 tall w/ 7/8 wrenching - 2 pk
11690	9/16 - 18 Heavy Wall Low Profile Hex Nut, Black Oxide, .875 across flats, .485 tall w/ 7/8 wrenching - 10 pk
11691	9/16 - 18 Heavy Wall High Hex Nut, Black Oxide, .875 across flats, .750 tall w/ 7/8 wrenching- 2 pk
11692	9/16 - 18 Heavy Wall High Hex Nut, Black Oxide, .875 across flats, .750 tall w/ 7/8 wrenching - 10 pk
11693	5/8 - 18 Heavy High Hex Nut, Black Oxide, 15/16 across flats, .850 tall w/ 15/16 wrenching - 2 pk
11694	5/8 - 18 Heavy High Hex Nut, Black Oxide, 15/16 across flats, .850 tall w/ 15/16 wrenching - 10 pk
11695	Flat - 1/4 ID x 0.550 OD x 0.078 Thick Steel Washer
11696	Flat - 1/4 ID x 0.550 OD x 0.078 Thick Steel Washer 2pk
11697	Flat - 1/4 ID x 0.550 OD x 0.078 Thick Steel Washer 10pk

11698	Flat - 1/4 ID x 0.550 OD x 0.078 Thick Stainless Washer
11699	Flat - 1/4 ID x 0.550 OD x 0.078 Thick Stainless Washer 2pk
11700	Flat - 1/4 ID x 0.550 OD x 0.078 Thick Stainless Washer 10pk
11701	Flat - Chamfered - 1/4 ID x 0.550 OD x 0.078 Thick Steel Washer
11702	Flat - Chamfered - 1/4 ID x 0.550 OD x 0.078 Thick Steel Washer 2pk
11703	Flat - Chamfered - 1/4 ID x 0.550 OD x 0.078 Thick Steel Washer 10pk
11704	Flat - 5/16 ID x 0.550 OD x 0.095 Thick Steel Washer 2pk
11705	Flat - 5/16 ID x 0.550 OD x 0.095 Thick Steel Washer 10pk
11706	Flat - Chamfered - 5/16 ID x 0.550 OD x 0.095 Thick Steel Washer
11707	Flat - Chamfered - 5/16 ID x 0.550 OD x 0.095 Thick Steel Washer 2pk
11708	Flat - Chamfered - 5/16 ID x 0.550 OD x 0.095 Thick Steel Washer 10pk
11709	Flat - 5/16 ID x 0.655 OD x 0.078 Thick Steel Washer 2pk
11710	Flat - 5/16 ID x 0.655 OD x 0.078 Thick Steel Washer 10pk
11711	Flat - 5/16 ID x 0.655 OD x 0.078 Thick Stainless Washer 2pk
11712	Flat - 5/16 ID x 0.655 OD x 0.078 Thick Stainless Washer 10pk
11713	Flat - Chamfered - 5/16 ID x 0.655 OD x 0.078 Thick Steel Washer
11714	Flat - Chamfered - 5/16 ID x 0.655 OD x 0.078 Thick Steel Washer 2pk
11715	Flat - Chamfered - 5/16 ID x 0.655 OD x 0.078 Thick Steel Washer 10pk
11716	Flat - 5/16 ID x 0.680 OD x 0.125 Thick Steel Washer 10pk
11717	Flat - Chamfered - 5/16 ID x 0.680 OD x 0.125 Thick Steel Washer
11718	Flat - Chamfered - 5/16 ID x 0.680 OD x 0.125 Thick Steel Washer 2pk
11719	Flat - Chamfered - 5/16 ID x 0.680 OD x 0.125 Thick Steel Washer 10pk
11720	Flat - 5/16 ID x 0.812 OD x 0.125 Thick Steel Washer 2pk
11721	Flat - 5/16 ID x 0.812 OD x 0.125 Thick Steel Washer 10pk

PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs



11722	Flat - 3/8 ID x 0.625 OD x 0.125 Thick Steel Washer 2pk
11723	Flat - 3/8 ID x 0.625 OD x 0.125 Thick Steel Washer 10pk
11724	Flat - 3/8 ID x 0.655 OD x 0.090 Thick Steel Washer
11725	Flat - 3/8 ID x 0.655 OD x 0.090 Thick Steel Washer 2pk
11726	Flat - 3/8 ID x 0.655 OD x 0.090 Thick Steel Washer 10pk
11727	Flat - 3/8 ID x 0.655 OD x 0.090 Thick Stainless Washer
11728	Flat - 3/8 ID x 0.655 OD x 0.090 Thick Stainless Washer 2pk
11729	Flat - 3/8 ID x 0.655 OD x 0.090 Thick Stainless Washer 10pk
11730	Flat - Chamfered - 3/8 ID x 0.655 OD x 0.090 Thick Steel Washer
11731	Flat - Chamfered - 3/8 ID x 0.655 OD x 0.090 Thick Steel Washer 2pk
11732	Flat - Chamfered - 3/8 ID x 0.655 OD x 0.090 Thick Steel Washer 10pk
11733	Flat 3/8 ID x 0.675 OD x 0.125 Thick Steel Washer
11734	Flat - 3/8 ID x 0.675 OD x 0.125 Thick Steel Washer 2pk
11735	Flat - 3/8 ID x 0.675 OD x 0.125 Thick Steel Washer 10pk
11736	Flat - 3/8 ID x 0.750 OD x 0.125 Thick Steel Washer 2pk
11737	Flat - 3/8 ID x 0.750 OD x 0.125 Thick Stainless Washer 2pk
11738	Flat - 3/8 ID x 0.750 OD x 0.125 Thick Stainless Washer 10pk
11739	Flat - Chamfered - 3/8 ID x 1.200 OD x 0.125 Thick Steel Washer 2pk
11740	Flat - Chamfered - 3/8 ID x 1.200 OD x 0.125 Thick Steel Washer 10pk
11741	Flat - Chamfered - 7/16 ID x 0.675 OD x 0.062 Thick Machined Steel Washer
11742	Flat - Chamfered - 7/16 ID x 0.675 OD x 0.062 Thick Machined Steel Washer 2pk
11743	Flat - Chamfered - 7/16 ID x 0.675 OD x 0.062 Thick Machined Steel Washer 10pk
11744	Flat - 7/16 ID x 0.700 OD 0.090 Thick Steel Washer
11745	Flat - 7/16 ID x 0.700 OD 0.090 Thick Steel Washer 2pk

11746	Flat - 7/16 ID x 0.700 OD 0.090 Thick Steel Washer 10pk
11747	Flat - Chamfered - 7/16 ID x 0.750 OD x 0.075 Thick Machined Steel Washer
11748	Flat - Chamfered - 7/16 ID x 0.750 OD x 0.075 Thick Machined Steel Washer 2pk
11749	Flat - Chamfered - 7/16 ID x 0.750 OD x 0.075 Thick Machined Steel Washer 10pk
11750	Flat - Chamfered - 7/16 ID x 0.750 OD x 0.125 Thick Steel Washer 2pk
11751	Flat - 7/16 ID x 0.770 OD 0.090 Thick Steel Washer
11752	Flat - 7/16 ID x 0.770 OD 0.090 Thick Steel Washer 2pk
11753	Flat - 7/16 ID x 0.770 OD 0.090 Thick Steel Washer 10pk
11754	Flat - 7/16 ID x 0.812 OD x 0.125 Thick Steel Washer 2pk
11755	Flat - 7/16 ID x 0.812 OD x 0.125 Thick Steel Washer 10pk
11756	Flat - Chamfered - 7/16 ID x 0.812 OD x 0.125 Thick Steel Washer 2pk
11757	Flat - Chamfered - 7/16 ID x 0.812 OD x 0.125 Thick Steel Washer 10pk
11758	Flat - Chamfered - 7/16 ID x 0.812 OD x 0.125 Thick Stainless Washer
11759	Flat - Chamfered - 7/16 ID x 0.812 OD x 0.125 Thick Stainless Washer 2pk
11760	Flat - Chamfered - 7/16 ID x 0.812 OD x 0.125 Thick Stainless Washer 10pk
11761	Flat - 7/16 ID x 0.875 OD 0.125 Thick Steel Washer 2pk
11762	Flat - 7/16 ID x 0.875 OD 0.125 Thick Steel Washer 10pk
11763	Flat - Chamfered - 7/16 ID x 0.875 OD 0.125 Thick Steel Washer
11764	Flat - Chamfered - 7/16 ID x 0.875 OD 0.125 Thick Steel Washer 2pk
11765	Flat - Chamfered - 7/16 ID x 0.875 OD 0.125 Thick Steel Washer 10pk
11766	Flat - 7/16 ID x 0.995 OD x 0.125 Thick Steel Washer 2pk
11767	Flat - 7/16 ID x 0.995 OD x 0.125 Thick Steel Washer 10pk
11768	Flat - 7/16 ID x 1.300 OD x 0.125 Thick Steel Washer
11769	Flat - 7/16 ID x 1.300 OD x 0.125 Thick Steel Washer 2pk



PART NUMBER DESCRIPTIONS

OEM + Custom Fasteners For Your Specific Needs

11770	Flat - 7/16 ID x 1.300 OD x 0.125 Thick Steel Washer 10pk
11771	Flat - 1/2 ID x 1.080 OD x 0.160 Thick Machined Steel Washer
11772	Flat - 1/2 ID x 1.080 OD x 0.160 Thick Machined Steel Washer 2pk
11773	Flat - 1/2 ID x 1.080 OD x 0.160 Thick Machined Steel Washer 10pk
11774	Flat - 1/2 ID x 1.300 OD x 0.125 Thick Steel Washer
11775	Flat - m6 ID x 25.1mm OD (0.990) x 1.7mm Thick (0.065) Steel Washer
11776	Flat - m6 ID x 25.1mm OD (0.990) x 1.7mm Thick (0.065) Steel Washer 2pk
11777	Flat - m6 ID x 25.1mm OD (0.990) x 1.7mm Thick (0.065) Steel Washer 10pk
11778	Flat - m8 ID x 14.5mm OD (0.575) x 1.7mm Thick (0.065) Steel Washer
11779	Flat - m8 ID x 14.5mm OD (0.575) x 1.7mm Thick (0.065) Steel Washer 2pk
11780	Flat - m8 ID x 14.5mm OD (0.575) x 1.7mm Thick (0.065) Steel Washer 10pk
11781	Flat - m8 ID x 17.1mm OD (0.675) x 3.2mm Thick (0.125) Steel Washer 10pk
11782	Flat - m9 ID x 17.1mm OD (0.675) x 3.2mm Thick (0.125) Steel Washer
11783	Flat - m9 ID x 17.1mm OD (0.675) x 3.2mm Thick (0.125) Steel Washer 2pk
11784	Flat - m9 ID x 17.1mm OD (0.675) x 3.2mm Thick (0.125) Steel Washer 10pk
11785	Flat - m9 ID x 20.5mm OD (0.813) x 3.2mm Thick (0.125) Steel Washer 2pk
11786	Flat - m9 ID x 20.5mm OD (0.813) x 3.2mm Thick (0.125) Steel Washer 10pk
11787	Flat - Chamfered - m9 ID x 20.5mm OD (0.813) x 3.2mm Thick (0.125) Steel Washer
11788	Flat - Chamfered - m9 ID x 20.5mm OD (0.813) x 3.2mm Thick (0.125) Steel Washer 2pk
11789	Flat - Chamfered - m9 ID x 20.5mm OD (0.813) x 3.2mm Thick (0.125) Steel Washer 10pk
11790	Flat - m10 ID x 19.0mm OD (0.750) x 3.2mm Thick (0.125) Stainless Washer 2pk
11791	Flat - m10 ID x 19.0mm OD (0.750) x 3.2mm Thick (0.125) Stainless Washer 10pk
11792	Flat - m10 ID x 20.5mm OD (0.813) x 3.2mm Thick (0.125) Steel Washer
11793	Flat - m12 ID x 19.0mm OD (0.750) x 3.2mm Thick (0.125) Thick Steel Washer

11794	Flat - m12 ID x 19.0mm OD (0.750) x 3.2mm Thick (0.125) Thick Steel Washer 2pk
11795	Flat - m12 ID x 19.0mm OD (0.750) x 3.2mm Thick (0.125) Thick Steel Washer 10pk
11796	Flat - m12 ID x 22.2mm OD (0.875) x 3.2mm Thick (0.125) Thick Steel Washer 2pk
11797	Flat - m12 ID x 22.2mm OD (0.875) x 3.2mm Thick (0.125) Thick Steel Washer 10pk
11798	Flat - Chamfered - m12 ID x 22.2mm OD (0.875) x 3.2mm Thick (0.125) Thick Steel Washer
11799	Flat - Chamfered - m12 ID x 22.2mm OD (0.875) x 3.2mm Thick (0.125) Thick Steel Washer 2pk
11800	Flat - Chamfered - m12 ID x 22.2mm OD (0.875) x 3.2mm Thick (0.125) Thick Steel Washer 10pk
11801	Flat - Chamfered - m12 ID x 25mm OD (0.995) x 3.2mm Thick (0.125) Steel Washer 2pk
11802	Flat - m13 ID x 25.0mm OD (0.995) x 3.2mm Thick (0.125) Thick Steel Washer
11803	Flat - m13 ID x 25.0mm OD (0.995) x 3.2mm Thick (0.125) Thick Steel Washer 2pk
11804	Flat - m13 ID x 25.0mm OD (0.995) x 3.2mm Thick (0.125) Thick Steel Washer 10pk
11805	Flat - Chamfered - m13 ID x 25.0mm OD (0.995) x 3.2mm Thick (0.125) Thick Steel Washer
11806	Flat - Chamfered - m13 ID x 25.0mm OD (0.995) x 3.2mm Thick (0.125) Thick Steel Washer 2pk
11807	Flat - Chamfered - m13 ID x 25.0mm OD (0.995) x 3.2mm Thick (0.125) Thick Steel Washer 10pk
11810	Ford - Driveline - Flywheel Bolt 7/16 - 20 x 1.000" UHL 2 Pc. Rear Seal
11811	m10 x 1.25 12 pt. Nut, Stainless, 17.8mm collar (0.700), 11mm tall (0.425) w/ 12mm wrench grip - 2 pk
11812	m10 x 1.25 12 pt. Nut, Stainless, 17.8mm collar (0.700), 11mm tall (0.425) w/ 12mm wrench grip - 10 pk
11813	m11 x 1.25mm 12 pt. Nut, Stainless 20.96mm (.825) collar, 13.0mm (.512) tall w/ 14mm wrenching - 2 pk
11814	m11 x 1.25mm 12 pt. Nut, Stainless 20.96mm (.825) collar, 13.0mm (.512) tall w/ 14mm wrenching - 2 pk

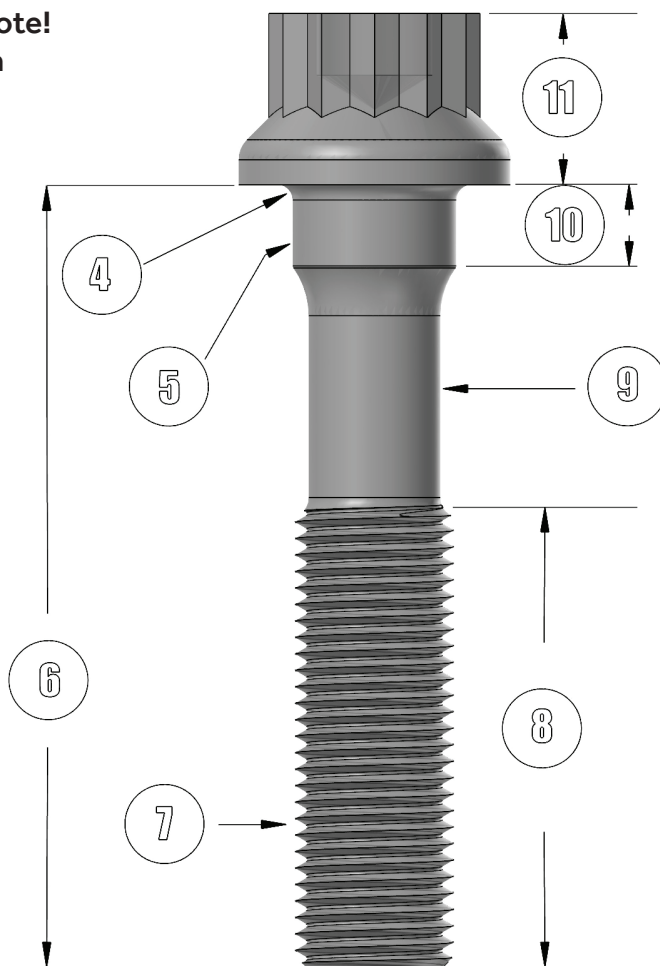
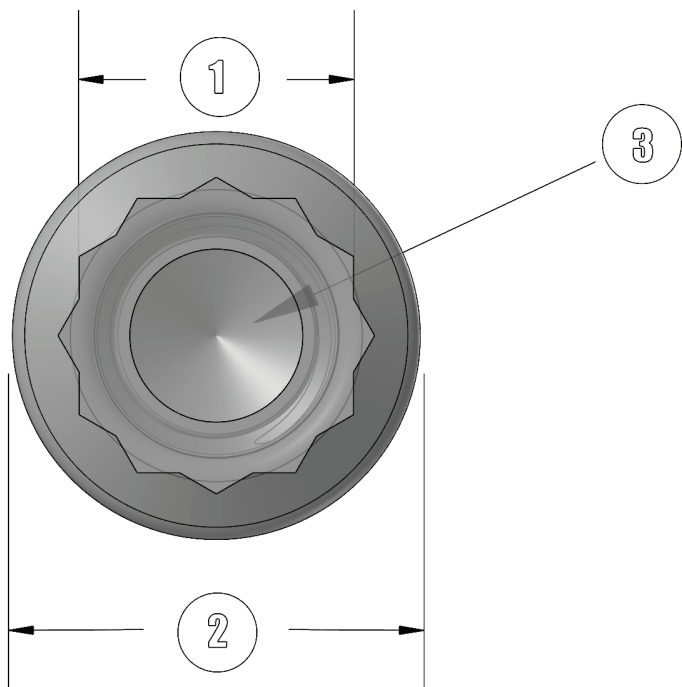
CUSTOM BOLT ORDER FORM

OEM + Custom Fasteners For Your Specific Needs



Simply copy and complete this form to obtain a free quote!

Have questions? Call (315) 924-3888 for assistance with ordering or if you need additional product information.



1. Across Flats _____

2. Flange Diameter _____

3. Lightening Drill Hole Yes ____ No ____

4. Fillet Roll Yes ____ No ____ ; Size ____

5. Shoulder Diameter _____

6. Under Head Length (UHL) _____

7. Thread Size _____

8. UNJ UNR MJ (M) ISO _____

9. Under Cut Yes ____ No ____

10. Shoulder Length _____

11. Head Height _____

12. Mating female thread material _____

13. Application _____

14. Quantity _____

15. Customer Name _____

16. Customer Email _____



CUSTOM STUD ORDER FORM

OEM + Custom Fasteners For Your Specific Needs

Simply copy and complete this form to obtain a free quote! Have questions? Call (315) 924-3888 for help.

Thread Size and Pitch of Block

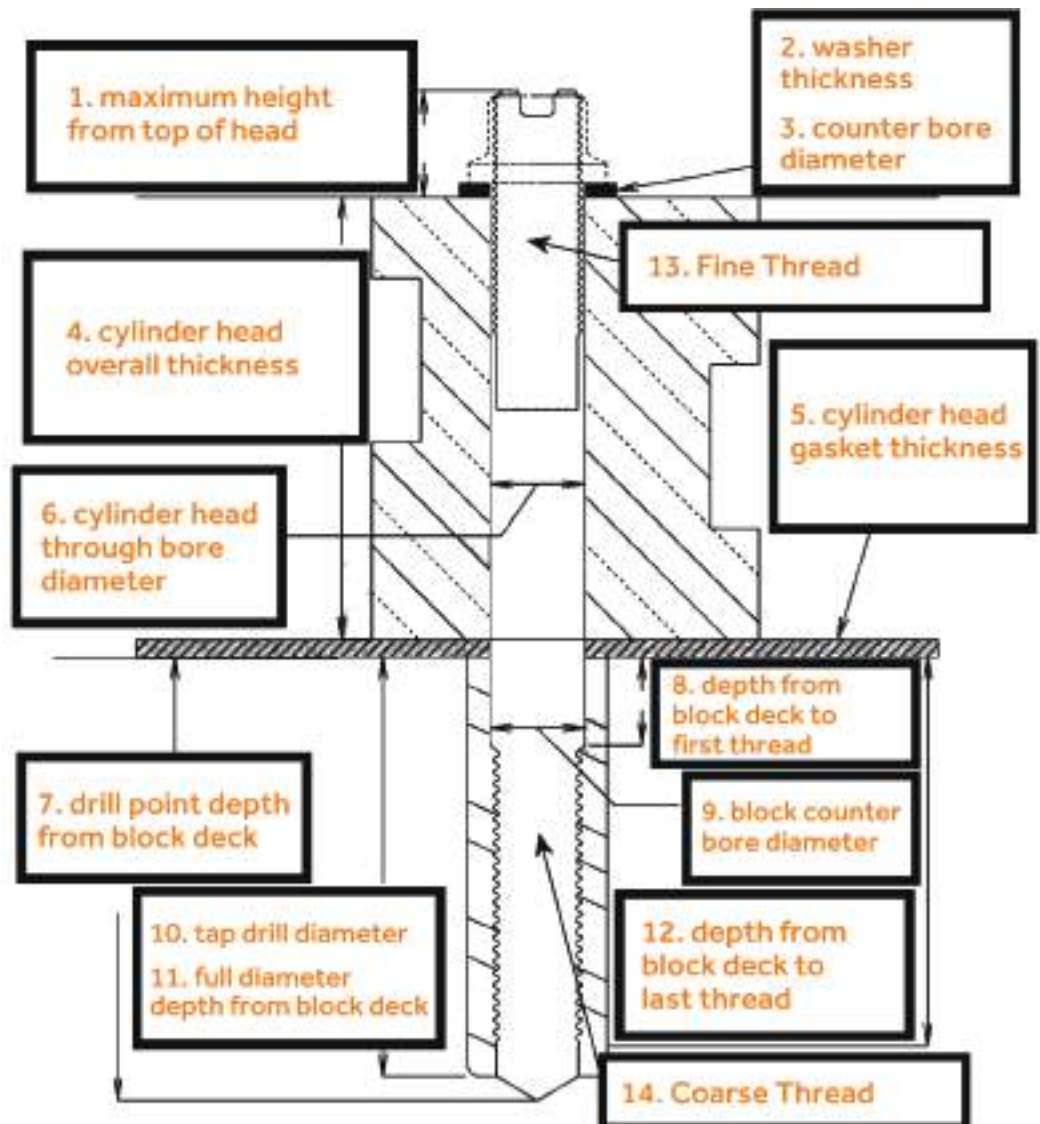
Block Material

Product Application

Quantity Needed

Your Name

Your Telephone Number



- | | |
|----------|-----------|
| 1. _____ | 8. _____ |
| 2. _____ | 9. _____ |
| 3. _____ | 10. _____ |
| 4. _____ | 11. _____ |
| 5. _____ | 12. _____ |
| 6. _____ | 13. _____ |
| 7. _____ | 14. _____ |



In-House Fastener Design & Fabrication

From design to manufacturing, our advanced facility and experienced team are able to meet your specific quantities, challenges, and demands.

If you need fasteners, we can help.

Regardless of your demands, our team can help design, engineer, and create a solution to meet your specific needs. Let's talk!

- Full Range In-house Services & Capabilities
- Can Accommodate Any Quantity Range
- Rapid Production & Prototype Turnaround
- Quality Control Throughout Production
- Adhere to Custom & OEM Specifications
- Private Label Manufacturing Available



OptiTorque Technologies

1B Powell Lane • Penn Yan, New York 14527

(315) 924-3888

www.optitorque.com