



# TRIMAN INDUSTRIES, INC.

**Think of Triman for all of your quality fastener needs,  
specializing in Military, National Aerospace & Aeronautical  
Standards.**



## **CAPABILITY:**

Diameter #2 to 1-3/8

Length 1/4" to 20"

Thread length unlimited

Rockwell up to Rc 56

Phillips Screw Licensee

Specials: Customer Drawings

## **RAW MATERIAL:**

Alloy steel 8740 ~ 4140 ~ 4340 ~ etc.

Stainless Steel 300 and 400 Series etc.

## **SUPER ALLOYS:**

Waspaloy ~ Titanium ~ A-286 ~ Inconel 718 (Pyrometer 718)

Inconel X750 ~ 17-4 PH ~ 15-5 PH ~ 13-8 MO ~ MP-159

MP-35N ~ Nitronic 60 ~ Haynes 25



## **SPECIAL PROCESSES:**

Partial Heat Treating In House

### **Plating:**

Cadmium ~ Cadmium fluoborate

Passivation

NDT w/ Level III

## **TESTING:**

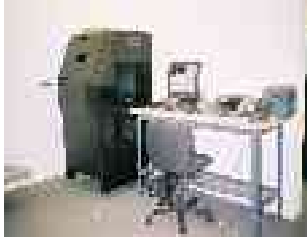
Climate controlled Quality Control Department.

Complete Destructive and Non-Destructive Testing capability.

110 Kip Fatigue Tester.

Metallurgical.





*Triman Industries, Inc. is an ISO certified full –line distributor specializing in fasteners, electronic components, and quality inspection & testing, and product packaging for the military and commercial industry. Triman’s mission is to meet and exceed the expectations of our customers. In efforts to achieve this goal Triman is committed to maintaining a company wide environment of quality, dedication and commitment in supplying the highest quality product in a timely fashion while providing the finest available service to every customer.*

**AN SERIES (BOLTS - NUTS - CLAMPS - STUDS - FITTINGS)**

AN 3 - 20-Hex head bolts  
AN 21 - 36-Clevis bolts  
AN 42 - 49-Eye bolts  
AN 73 - 81 -Hex head bolts  
AN 130 - 170-Turnbuckles  
AN 173 - 186-Hex head, close tolerance bolts  
AN 310 - 320-Nuts  
AN 340 - AN 341 - AN 345-Hex nuts plain  
AN 350-Wing nuts  
AN 741 - 742-Clamps  
AN 821 - 944-Fittings  
AN 101006 - 108200-Hex head bolts  
AN 121551 - 121600-Castellated hex nuts  
AN 125951 - 130774-studs  
AN 150426 - 150450-Castellated hex nuts  
AN 150501 and up-stepped studs

**NAS SERIES (BOLTS & SCREWS)**

NAS 42 - 43-Spacer  
NAS 72 - 77-Bushing  
NAS 144 - 158-Internal wrenching bolts  
NAS 172 Series-Internal wrenching bolts  
NAS 220 - 227-brazier head screws  
NAS 333 - 340-Close tolerance, flush head screws  
NAS 428 Series-Hex head bolts full thd.  
NAS 464 Series-Hex head bolts  
NAS 501 Series-Cres. hex head bolts  
NAS 514 Series-Screws  
NAS 517 Series-Flat head screws  
NAS 560 Series-Flat head hi-temp screws  
NAS 563 - 572-Hex head, full thd. bolts  
NAS 583 - 590-Hi-torque, 100° fl. head screws  
NAS 600 - 606-Pan head, full thd. screws  
NAS 623 Series-Screws  
NAS 624 - 644-12 points, 180 ksi, bolts  
NAS 653 - 658-Titanium, hex head, short thd. screws  
NAS 663- 668-Titanium, 100° flat head, bolts  
NAS 673 - 678-Titanium, hex head, bolts  
NAS 1003 -.1020-Machine, hex head, non-magnetic, cres. bolts  
NAS 1083 - 1088-Titanium, flat head, short thd. bolts  
NAS 1096 Series-Hex head, recessed, full thd. screws  
NAS 1100 - 1102-Torq - set screws  
NAS 1103 - 1120-Hex head, close tol. bolts  
NAS 1121- 1128-Torq-set, flat, fillister head, short thd. screws  
NAS 1131 - 1138-Torq-set, pan head, short thd. screws  
NAS 1141 - 1148-Torq-set, modified pan head, short thd. screws

NAS 1151 - 1158-Torq-set, 100° hd, short thd. screws  
NAS 1202 -1210-100° hd, 160 ksi, short thd. screws  
NAS 1216 Series-Hi-torque, pan hd, full thd. screws  
NAS 1217 Series-Hi-torque, pan hd, short thd. screws  
NAS 1218 Series-Hi-torque, pan hd, long thd. screws  
NAS 1219 Series-Hi-torque, 100° hd, full thd. screws  
NAS 1220 Series-Hi-torque, 100° flat hd, short thd. screws  
NAS 1221 Series-Hi-torque, 100° flat hd, long thd. screws  
NAS 1243 - 1250-Hi-torque, .0156 oversize, 100° flat head screws  
NAS 1253 - 1260-Hi-torque, .312 oversize, 100° flat head screws  
NAS 1261 - 1265-Titanium, hex hd, short thd. bolts  
NAS 1266 - 1270-Titanium, hex hd bolts  
NAS 1271 - 1280-Titanium, 12 pt. bolts  
NAS 1303 - 1320-Hex hd, close tol. bolt  
NAS 1402 - 1406-Pan hd, phillips, 160 ksi screws  
NAS 1503 - 1510-100° fl. hd, 160 ksi, hi4orque, short thd. screws  
NAS 1578 Series-Pan hd, 1200°F, hi-torque or torq-set screws  
NAS 1579 Series-Pan hd, full thd, 1200°F, hi-torque or torq-set screws  
NAS 1580 Series-Bolt, tension, fl. hd, 1200°F  
NAS 1581 Series-100° Fl. hd, reduced, shear bolts  
NAS 1582 Series-Screws, fl. hd, full thd.  
NAS 1603 - 1610-Bolt, 100° fl. hd, .0312 oversize  
NAS 1620 - 1628-Torq-set, 100° fl. hd, short thd. screws  
NAS 1630 - 1634-Torq-set, pan hd, short thd. screws  
NAS 1703 - 1710-Bolt, 100° fl. hd, .0156 oversize  
NAS 1801 Series-Screw, Hex hd, Phillips, full. thd, alloy  
NAS 1802 Series-Screw, Hex hd, Phillips, full. thd., A-286  
NAS 1953 - 1970-Bolt, shear, Hex hd, 108 ksi, long thd  
NAS 2803 - 2810-Torq-set, 100° fl. hd, 180 ksi bolt  
NAS 2813 - 2815-Bolt, shear, Hex hd, 180 ksi  
NAS 2903 - 2920-Bolt, hex hd shear, .0156 oversize  
NAS 3003 - 3020-Bolt, hex hd, shear, .0312 oversize  
NAS 6203 - 6220-Hex hd bolt, short thd., locking and non-locking  
NAS 6303 - 6320-Hex hd bolt, A-286 cres, short thd., lock and non-locking  
NAS 6463 - 6420-Hex hd bolt, titanium, short thd.  
NAS 6604 - 6620-Hex hd bolts, long thd., lock and non-locking  
NAS 6703 - 6720-Hex hd bolts, A-286 cres, locking and non-locking  
NAS 6803 - 6820-Hex hd bolts, titanium, long thd., lock and non-locking  
NAS 7103 - 7116-Bolt, 100° hd, Phillips, long thd., alloy, close tol.  
NAS 7203 - 7206-Bolt, 100° hd, Phillips, A-286, long thd.  
NAS 7303 - 7316-Bolt, 100° hd, Phillips, close tol., titanium  
NAS 7400 - 7416-Bolt, 100° hd, Phillips, short thd., alloy, close tol.  
NAS 7500 - 7516-Bolt, 100° hd, Phillips, close tol., A-286  
NAS 7600 - 7616-Bolt; 100° hd, Phillips, close tol., titanium, short thd.  
NAS 7700 - 7706-Bolt, pan hd, Phillips, close tol., alloy, short thd.  
NAS 7800 - 7806-Bolt, pan hd, Phillips close tol., A-286, short thd.  
NAS 7900 - 7906-Bolt, pan hd, Phillips, close tol., titanium, short thd.  
NAS 8000 - 8006-Screw, pan hd, Phillips, alloy  
NAS 8100 - 8106-Screw, pan hd, Phillips, full thd., A-286  
NAS 8200 - 8206-Screw, pan hd, Phillips, titanium  
NAS 8302 - 8304-Screw, washer hd, Phillips, alloy  
NAS 8402 - 8404-Screw, washer hd, Phillips, A-286  
NAS 8602 - 8616-Bolt, 100° reduced hd, Phillips, close tol., alloy  
NAS 8702 - 8716-Bolt, 100° reduced hd, Phillips, close tol., A-286  
NAS 8802 - 8816-Bolt, 100° reduced hd, Phillips; close tol., short thd., titanium  
NAS 9001 - 9006-Screw, Hex hd; ACR recess, torq-set, full thd.; alloy  
NAS 9101 - 9106-Screw, Hex hd, ACR recess, torq-set, full thd., A-286, 160 ksi  
NAS 9201 - 9206-Screw, Hex hd, ACR recess, torq-set, full thd., titanium

**MS SERIES (BOLTS - SCREWS - NUTS - FITTINGS)**

MS 9033 - 9309-12 pt. bolts, machine  
MS 9060 - 9066-12 pt. bolts, machine, drilled  
MS 9088 - 9094-12 pt. bolts, machine, drilled, steel  
MS 9099 - 9100-Plain hex nut  
MS 9110 - 9113-12 pt. bolts, undercut hd.  
MS 9146 - 9152-12 pt. bolts, steel, cad plated  
MS 9157 - 9163-Bolt-machine, 12 point, steel  
MS 9169 - 9175-Bolt-machine, 12 point, steel  
MS 9183 - 9186-Screw-machine, 12 point, steel  
MS 9206 - 9214-Screw-machine, 12 point, steel  
MS 9215 - 9222-Screw-machine, 12 point, steel  
MS 9282 Series-Hex hd bolts, steel, black oxide  
MS 9316 Series-Screws, hex hd, slotted, steel  
MS 9356 - 9357-Plain hex nut  
MS 9358 - 9359-Castellated hex nut  
MS 9360 - 9361 -Plain hex nut  
MS 9438 - 9439-Hex hd bolts, drilled  
MS 9451 Series-Hex hd bolts, machine/engine  
MS 9462 - 9468-Pin, straight  
MS 9487 - 9497-Hex hd bolts  
MS 9498 - 9508-Hex hd bolts, drilled - one hole  
MS 9554 Series-12 pt. bolts  
MS 9562 - 9571-12 pt. bolts  
MS 9574 Series-12 pt. bolts  
MS 9580 Series-12 pt, bolts  
MS 9881 - 9882-Plain hex nut  
MS 9914 - 9920-12 pt. bolts, steel, washer hd  
MS 15001 -15006-Alemite lubrication fitting  
MS 15720 - 15721-Alemite lubrication fitting  
MS 20004 - 20024-Bolt, internal wrenching  
MS 20033 - 20046-Hex hd bolts, machine/engine  
MS 20073 Series-Hex hd bolts, machine/engine  
MS 20074 Series-Hex hd bolts, machine/engine  
MS 20341-Plain hex nut  
MS 21250 Series-12 pt. bolts, steel  
MS 21277 - 21294-12 pt. bolts  
MS 25082-Plain hex nuts  
MS 35425 - 35426-Wing nut  
MS 35670 Series-Alemite lubrication fitting  
MS 35690 - 35691 -Plain hex nut  
MS 35692-Castellated hex nut  
MS 35763 Series-Self locking place-bolts, hex head  
MS 35764 Series-Self locking place-bolts, hex head  
MS 51922-Stoves hex lock nut  
MS 51943-Stoves hex lock nut  
MS 51947 - 51948-Ribbed shoulder bolts  
MS 51967 - 51988-Plain hex nut  
MS 90725 - 90728-Hex hd cap screw; steel



[www.trimanindustries.com](http://www.trimanindustries.com)

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