



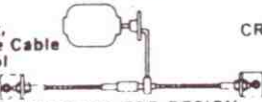






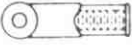





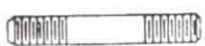


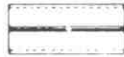

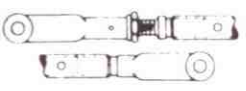


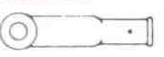

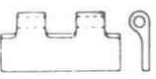

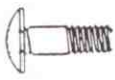


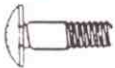




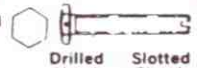

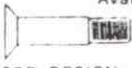




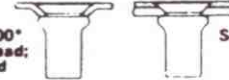


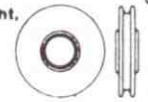


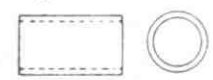



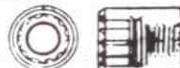



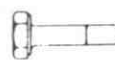




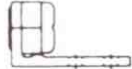



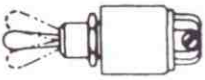


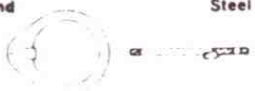






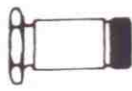

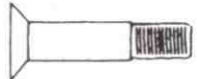


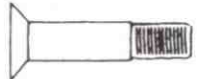

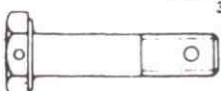





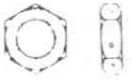
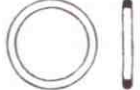
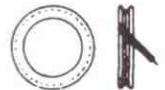




<p>MS 172271-172320</p> <p>Washer, Key  Steel</p>	<p>NAS44</p> <p>Bushbar Electrical  Copper Al Alloy</p>	<p>NAS139-140 Steel</p> <p>Studs, Coarse and Fine Thread  SUPERSEDED BY NAS183/184</p>
<p>MS 172321-172370</p> <p>Nut, Spanner Aeronautical  Steel</p>	<p>NAS49</p> <p>Fitting, Engine Cable Control  Al Alloy CRES. Steel Steel INACTIVE FOR DESIGN</p>	<p>NAS143 Chrome Molybdenum Steel</p> <p>Washers, Countersunk and Plain  INACTIVE FOR DESIGN—SEE MS 20002 for use with Bolts NAS144 158 and NAS172 176</p>
<p>NAS1</p> <p>100° Countersunk Rivet  See Spec. SUPERSEDED BY AN426</p>	<p>NAS50-51 Steel Beryllium Copper</p> <p>Rings-Internal, External Retaining </p>	<p>NAS144-158 Alloy Steel</p> <p>Bolt, Internal Wrenching </p>
<p>NAS2 See Spec.</p> <p>Lubrication Fittings  INACTIVE FOR NEW DESIGN—USE AN944</p>	<p>NAS67-69 Steel</p> <p>Guide, Fastener Cowl Type </p>	<p>NAS170-171 Steel</p> <p>Clevis, Engine Control Rod; For Welding </p>
<p>NAS4-5</p> <p>Rod End  Alloy Steel Steel</p>	<p>NAS70</p> <p>Washer, Flat  Alclad Steel CRES. Steel Brass Vulc. Fibre Phenolic</p>	<p>NAS172-176 Alloy Steel 3A Fit</p> <p>Bolt, Internal Wrenching </p>
<p>NAS12 Al Alloy</p> <p>Screws, Captive  INACTIVE FOR DESIGN</p>	<p>NAS75-77 Steel Al Bronze</p> <p>Bushing, Plain and Flanged, Press Fit </p>	<p>NAS183-184 Steel</p> <p>Studs Coarse and Fine Thread </p>
<p>NAS15-16 See Spec.</p> <p>Joint, Universal—Male and Female  INACTIVE FOR DESIGN</p>	<p>NAS91-93 Steel</p> <p>Rod Assembly, Adjustable Clevis Ends  AN486 NAS94 AN316 INACTIVE FOR DESIGN</p>	<p>NAS185 Steel Alclad</p> <p>Spacer, Split Screw and Bolt </p>
<p>NAS21 Plastic</p> <p>Strip, Terminal Board </p>	<p>NAS95-97</p> <p>Rod Assembly Fixed and Adjustable Ends  INACTIVE FOR DESIGN</p>	<p>NAS192 Steel</p> <p>Post, Binding Terminal Board </p>
<p>NAS34-45 Phenolic Al Alloy</p> <p>Pulley </p>	<p>NAS98-100 Steel</p> <p>Rod Assembly Adjustable Clevis Ends  AN486 NAS101-2 AN316 INACTIVE FOR DESIGN</p>	<p>NAS200-203 Steel Brass</p> <p>Round Head and 100° Countersunk Machine Screws  Phillips Recessed Fearson Recessed</p>
<p>NAS40-41 Al Alloy Steel</p> <p>Hinge, Half Continuous; Pin Continuous </p>	<p>NAS103-118 Steel Al Alloy</p> <p>Rod Assembly Adjustable Clevis Ends  AN486 NAS103-110 AN316 AN665 INACTIVE FOR DESIGN</p>	<p>NAS220-227 Al Alloy Alloy Steel Mang Bronze CRES. Steel (A-286)</p> <p>Brazier Head Machine Screws </p>
<p>NAS42-43 Al Alloy Alloy Steel Steel</p> <p>Spacer, Rivet; Screw and Bolt </p>	<p>NAS119 Al Alloy</p> <p>Riveted Assembly  INACTIVE FOR DESIGN—USE NAS355</p>	<p>NAS228-235 Al Alloy Bronze Alloy Steel</p> <p>Brazier Head Machine Screw  Fearson Recessed INACTIVE FOR DESIGN SEE NAS220 224, NAS623</p>

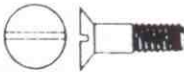
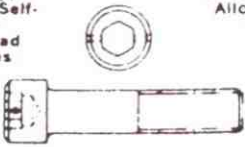

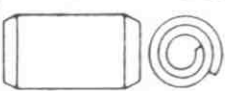

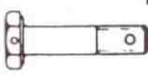
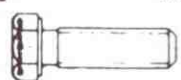


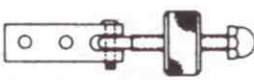

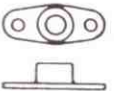





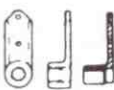
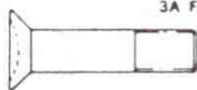
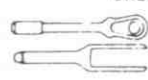
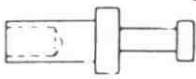
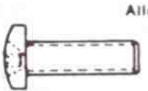

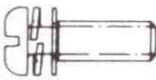
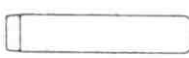


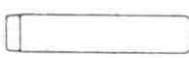

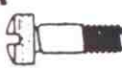


<p>NAS245-276</p> <p>Fittings; Nipple, Unions, Elbows, Plugs</p>  <p>Plastic</p> <p>INACTIVE FOR DESIGN</p>	<p>NAS427</p> <p>Pin, Pulley Guard</p>  <p>Steel Al Alloy</p>	<p>NAS449</p> <p>Nut, Anchor Type</p>  <p>Steel CRES. Steel</p> <p>INACTIVE FOR DESIGN</p>
<p>NAS302-310/312-320/322-330</p> <p>Cable Assembly Swaged Terminal Type I and II</p>  <p>Steel CRES.</p>	<p>NAS428</p> <p>Bolt-Adjusting Crowned, Hexagon Head</p>  <p>Alloy Steel 3A Fit</p> <p>Drilled Head Slotted Shank</p>	<p>NAS450</p> <p>Nut Plate, Self-Locking</p>  <p>Steel Al Alloy</p> <p>INACTIVE FOR DESIGN</p>
<p>NAS333-340</p> <p>100° Close Tolerance Bolt, High Strength Drilled and Undrilled</p>  <p>Steel Available in Ti Alloy 3A Fit</p> <p>INACTIVE FOR DESIGN HEAD MARKING--NAS PART NO. AND 3</p>	<p>NAS429-430</p> <p>Bearing-Sintered, Plain</p>  <p>Sintered Metal Copper Base Iron Base</p>	<p>NAS451</p> <p>Plug, Button</p>  <p>Steel Brass</p> <p>INACTIVE FOR DESIGN</p>
<p>NAS354-362</p> <p>Control Rod, Tube Assembly</p>  <p>Steel Al Alloy</p>	<p>NAS431-432</p> <p>Bearing-Ball, Rod End Type</p>  <p>Steel CRES. Steel</p> <p>INACTIVE FOR DESIGN</p>	<p>NAS452-453</p> <p>Rivnut-100° CTSK. Head; Flat Head</p>  <p>See Spec.</p> <p>INACTIVE FOR DESIGN</p>
<p>Rod Ends See AN481-490 Rivets See MS 20470 SUPERSEDES NAS97, NAS101, NAS109, NAS110, NAS114, NAS119</p>	<p>NAS434-435</p> <p>Clamp, Loop Type, Sheet Metal Nut</p>  <p>Al Alloy Steel</p> <p>INACTIVE FOR DESIGN</p>	<p>NAS454-455</p> <p>Rivet, Blind</p>  <p>Al Alloy</p> <p>INACTIVE FOR DESIGN</p>
<p>NAS376-379</p> <p>Pulley-Control Secondary, Flight, Heavy Duty</p>  <p>CRES. Steel Al Alloy</p>	<p>NAS436-437</p> <p>Clamp-Harness Wire Bundle</p>  <p>Steel</p> <p>INACTIVE FOR DESIGN</p>	<p>NAS456-457</p> <p>Ring Locking and Sleeve</p>  <p>Steel</p> <p>INACTIVE FOR DESIGN</p>
<p>NAS382-383</p> <p>Bushing-Pulley, Bearing</p>  <p>Steel Phenolic</p>	<p>NAS442</p> <p>Latch, Flush Type</p>  <p>CRES. Steel (Also Monel)</p>	<p>NAS460</p> <p>Washer, Tab Type</p>  <p>Steel</p>
<p>NAS384-389</p> <p>100° Oval Head 82° Oval Head Phillips Recessed</p>  <p>Steel</p>	<p>NAS443</p> <p>Nut, Self-Locking Internal Wrenching</p>  <p>Steel</p>	<p>NAS463</p> <p>Shim, Anchor Nut, Plain</p>  <p>Steel CRES. Steel Al Alloy</p>
<p>NAS416-421</p> <p>Flange-Connection, Gasket</p>  <p>Steel Al Alloy AN-HH-6-171</p>	<p>NAS444-445</p> <p>Nut, Double Lug, Anchor Type; Offset</p>  <p>Steel CRES. Steel</p> <p>INACTIVE FOR DESIGN</p>	<p>NAS464</p> <p>Bolt, Shear Close Tolerance</p>  <p>Steel 3A Fit</p>
<p>NAS423</p> <p>Master and Ignition Switch</p>  <p>See Spec.</p>	<p>NAS446</p> <p>Nut, Flat Type</p>  <p>Steel</p> <p>USE AN530 SCREW</p>	<p>NAS476-478</p> <p>Clamp-Cushion Lug Type; Conduit</p>  <p>Al Alloy Syn. Rubber</p> <p>INACTIVE FOR DESIGN</p>
<p>NAS424</p> <p>Coupling, Tube</p>  <p>Steel Al Alloy</p>	<p>NAS447-448</p> <p>Plate Nut, Self-Locking</p>  <p>Steel Al Alloy</p> <p>INACTIVE FOR DESIGN</p>	<p>NAS479-482</p> <p>Clip-Angle or Channel; Tubular; Fuse, Electrical</p>  <p>Steel Beryllium Copper</p> <p>INACTIVE FOR DESIGN</p>





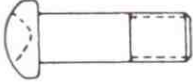
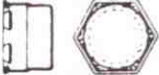
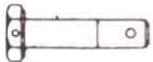
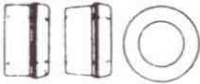


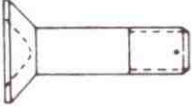

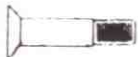
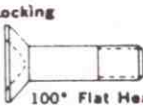





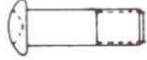


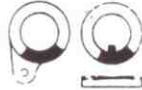





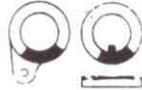
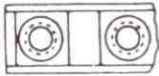


<p>NAS487-489</p> <p>Nut-Instrument Mount; "J" Type; Latching Type</p>  <p>Phos. Bronze Brass Steel</p> <p>INACTIVE FOR DESIGN</p>	<p>NAS510-511</p> <p>Link Assembly, Cable Take-Up</p>  <p>Steel Available in CRES.</p>	<p>NAS534-546</p> <p>Switch, Toggle Single Pole; Nut, Mounting; Locking Ring</p>  <p>Steel</p>	
<p>NAS490-491</p> <p>Shock Mount</p>  <p>Steel Al Alloy Monel AN-I-16</p> <p>INACTIVE FOR DESIGN</p>	<p>DETAIL PART NUMBERS</p> <p>AN155 Turnbuckle Barrel AN165 Turnbuckle Eye AN23 Clevis Screw AN364 Self-Locking Nut AN960 Plain Washer</p>		<p>Lockwasher AN936 Lockwasher AN935 Locking Ring NAS546 *Nut NAS545 Screw AN508</p> <p>INACTIVE FOR DESIGN—See MS 25081/2</p>
<p>NAS492-493</p> <p>Stud-Trimout; Stud</p>  <p>Steel Brass</p> <p>INACTIVE FOR DESIGN</p>	<p>NAS513</p> <p>Washer, Red End Locking</p>  <p>Steel</p>	<p>NAS548</p> <p>100° Flat Head Tapping Screw Type "B"</p>  <p>Steel</p> <p>Slotted Phillips Frearson</p>	
<p>NAS494</p> <p>Terminal-Ball Type Cable Flanged</p>  <p>CRES Steel</p> <p>INACTIVE FOR DESIGN</p>	<p>NAS514</p> <p>100° Flat Head Full Threaded Machine Screw</p>  <p>Alloy Steel</p>	<p>NAS549</p> <p>Washer, Flat</p>  <p>Phenolic</p> <p>Optional Fittings NAS1236-NAS1240</p>	
<p>NAS495</p> <p>Bolt, Internal Wrenching High Tensile</p>  <p>Alloy Steel 3A Fit</p> <p>INACTIVE FOR DESIGN—See MS 20004 20024</p>	<p>NAS516</p> <p>*CANCELLED</p> <p>Fitting, Lubrication</p>  <p>Steel</p>	<p>NAS 551</p> <p>BOLT Universal Fitting</p> 	
<p>NAS497</p> <p>Fitting Lubrication</p>  <p>Steel</p> <p>INACTIVE FOR DESIGN</p>	<p>NAS517</p> <p>100° Close Tolerance Machine Screw</p>  <p>Alloy Steel Available in Ti Alloy</p>	<p>NAS 552</p> <p>ELBOW Universal 90°</p> 	
<p>NAS500</p> <p>Shim-Anchor Nut, CTSK.</p>  <p>Steel CRES. Steel Al Alloy</p>	<p>NAS518</p> <p>100° Close Tolerance Machine Screw</p>  <p>Alloy Steel Available in Ti Alloy</p>	<p>NAS 553</p> <p>ELBOW Universal 15°</p> 	
<p>NAS501</p> <p>Bolt, Hex Head Drilled and Undrilled</p>  <p>CRES. Steel 3A Fit</p> <p>Dimension equivalent to AN3-20 Example of NAS Part Number ADD "A" after Dash No. for UNDRILLED (-10A) ADD "H" before Dash No. and "A" after Dash No. for DRILLED HEADS ONLY (6H10A) No. (610) DRILLED SHANK ONLY ADD (-) before Dash No. (610) DRILLED SHANK ONLY</p>	<p>NAS530</p> <p>Pulley, Secondary</p>  <p>Al Alloy</p> <p>INACTIVE FOR DESIGN—SEE MS 20219</p>	<p>NAS 554</p> <p>ELBOW Universal 45°</p> 	
<p>NAS508</p> <p>Rivet, Universal Head</p>  <p>Monel</p> <p>INACTIVE FOR DESIGN—SEE MS 20615</p>	<p>NAS532</p> <p>Guard, Switch Toggle</p>  <p>Steel Plastic</p> <p>INACTIVE FOR DESIGN—SEE MS 25214</p>	<p>NAS 555</p> <p>TEE Universal</p> 	
<p>NAS509</p> <p>Nut, Jam Drilled</p>  <p>Steel Available in CRES.</p>	<p>NAS534-536</p> <p>Ring, Flexible; Washer; Adapter</p>  <p>Al Alloy Phenolic</p>	<p>NAS557</p> <p>Grommet Split</p>  <p>Nylon</p>	
<p>NAS537-538</p> <p>Bushing, Plain</p>  <p>Alloy Steel Al Bronze</p>	<p>NAS558-559</p> <p>Key, Square; Lock-Rod End</p>  <p>Steel Alloy Steel</p>		



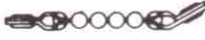




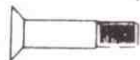




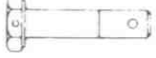

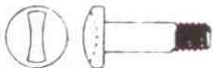

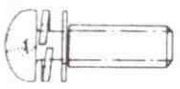
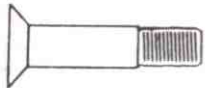


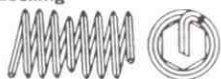
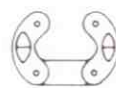
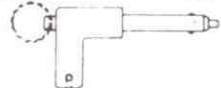
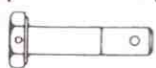

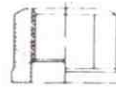
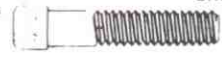
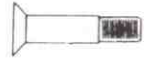
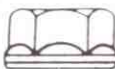


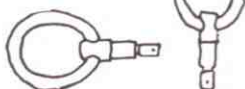



<p>NAS560</p> <p>100° Structural Machine Screw, High Temperature Non-Magnetic</p> <p>CRES Steel AMS5735 (A-286) Discaloy Inconel "X" 2A & 3A Fit</p>  <p>Head Marking Phillips Recessed</p> <p>Frearson Recess—INACTIVE FOR DESIGN</p>	<p>NAS608-609</p> <p>Screw, Hex Socket Cap; Plain and Self-Locking—Drilled Head 1936 Series</p> <p>Steel CRES Steel Alloy Steel 3A Fit</p>  <p>Head Marking Per NAS 1347</p> <p>INACTIVE FOR DESIGN—See NAS1351/2</p>	<p>NAS669-670</p> <p>Ring, Retainer</p>  <p>Steel Beryllium Copper</p>
<p>NAS561</p> <p>Pins-Spring Heavy Duty</p> <p>CRES Steel Steel</p> 	<p>NAS610-616</p> <p>Pan Head Machine Screw</p> <p>Alloy Steel 2A & 3A Fit</p>  <p>INACTIVE FOR DESIGN—See NAS600 606</p>	<p>NAS673-678</p> <p>Hexagon Head Bolt, Close Tolerance Drilled Head or Drilled Shank</p> <p>Ti Alloy per *NAS621 3A Fit</p>  <p>*4Al-4Mn and 6Al-4V</p>
<p>NAS563-572</p> <p>Bolt, Full Thread Indented Head Drilled Head</p> <p>Alloy Steel 3A Fit</p> 	<p>NAS620</p> <p>Washer Flat Reduced O.D.</p> <p>Steel Al Alloy Brass CRES Steel</p> 	<p>NAS679</p> <p>Nut, Self-Locking Low Height 550° F, 800° F</p> <p>Steel CRES Steel (A-286) 3B Fit</p> 
<p>NAS573</p> <p>Clamp Assembly Electronic Equipment</p> <p>Al Alloy CRES Steel</p>  <p>Retaining Ring NAS670</p> <p>Cotter Pin MS 24665 (AN381)</p> <p>Clevis Pin MS 20392 (AN392)</p>	<p>NAS622</p> <p>Hook Support Electronic Equip. Clamp</p> <p>Steel CRES Steel</p> 	<p>NAS680-687</p> <p>Nut, Plate Self-Locking 550° F, 800° F</p> <p>Steel CRES Steel (A-286) 3B Fit</p> 
<p>NAS574</p> <p>Pin, Rear Mounting Electronic Equipment</p> <p>CRES Steel Al Clad Steel</p>  <p>Attaching Bolt AN3-4A</p>	<p>NAS623</p> <p>Pan Head Machine Screw, Short Thread 160,000 PSI Phillips Recess</p> <p>Alloy Steel</p>  <p>Head Markings</p>	<p>NAS688-695</p> <p>Nut, Self-Locking Gang Channel</p> <p>Steel Al Alloy CRES Steel 3B Fit</p> 
<p>NAS577-578</p> <p>Nut, Self-Locking Floating Barrel; Retainer</p> <p>Steel</p> 	<p>NAS624-644</p> <p>Bolt 12 Pt. External Wrenching 180,000 PSI</p> <p>Alloy Steel</p> 	<p>NAS696-698</p> <p>Nut, Plate Self-Locking 550° F, 800° F</p> <p>Steel CRES Steel (A-286) 3B Fit</p> 
<p>NAS583-590</p> <p>Bolt 100° Head "Hi-Torque," Close Tolerance 160,000 PSI</p> <p>Steel 3A Fit</p> 	<p>NAS645-651</p> <p>Fork and Eye Turn Buckles; Barrel, Terminal, Turnbuckles, Cable and Clip, Locking</p> <p>Steel CRES Steel</p> 	<p>NAS704-709</p> <p>Terminal, Stud; Turret Types</p> <p>Brass</p> 
<p>NAS600-606</p> <p>Pan Head Machine Screw, Aircraft—Phillips Recessed</p> <p>Alloy Steel 3A Fit</p> 	<p>NAS653-658</p> <p>Hexagon Head Bolt, Close Tolerance Drilled Shank Optional</p> <p>Ti Alloy per *NAS621 3A Fit</p>  <p>*4Al-4Mn and 6Al-4V</p>	<p>NAS720</p> <p>Pan Head Screw; Assembled Lock Washer and Flat Washer; Slotted</p> <p>Steel Brass CRES Steel 2A Fit</p>  <p>Lockwasher AN395 (Medium) or MS35338</p> <p>Flat Washer Reduced O.D. NAS620</p>
<p>NAS607</p> <p>Pin, Headless Dowel</p> <p>Steel Available in CRES.</p> 	<p>NAS662</p> <p>100° Flat Head Machine Screw; Regular and Self-Locking</p> <p>Steel CRES Steel Brass 2A Fit</p>  <p>Self-Locking Head Marking</p> <p>Phillips Recess</p> <p>Slotted</p>	<p>NAS663-668</p> <p>100° Flat Head Bolt, Close Tolerance</p> <p>Ti Alloy per *NAS621 3A Fit</p>  <p>*4Al-4Mn and 6Al-4V</p> <p>"Hi-Torque" Recess</p> <p>"Phillips" Recess</p>
<p>NAS607</p> <p>Pin, Headless Dowel</p> <p>Steel Available in CRES.</p> 	<p>NAS663-668</p> <p>100° Flat Head Bolt, Close Tolerance</p> <p>Ti Alloy per *NAS621 3A Fit</p>  <p>*4Al-4Mn and 6Al-4V</p> <p>"Hi-Torque" Recess</p> <p>"Phillips" Recess</p>	<p>NAS721-725</p> <p>Miniature Screws Slotted</p> <p>CRES Steel Brass Nickel Silver</p>  <p>Fillister Pan 100° flat Binding</p>



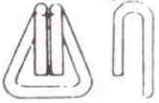




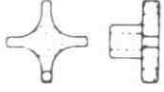



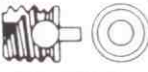
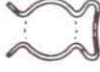



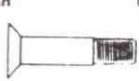
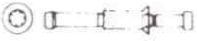

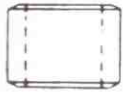


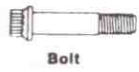

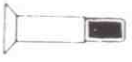

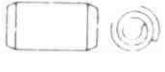
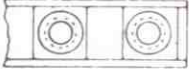
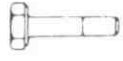
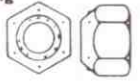

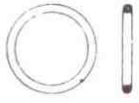
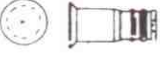


METROPOLITAN AIRCRAFT PARTS, INC.

<p>NAS810-820</p> <p>Cap Protectors Fittings Plastic</p> 	<p>NAS1071-1073</p> <p>Switch Toggle; and Guards Steel</p>  <p>Nut MS25082 Screw AN508</p> <p>Locking Ring MS25081 Lockwasher AN935</p> <p>ALSO SEE MS25016/MS35058/MS35059/MS25068</p>	<p>NAS1121-1128 NAS1131-1138</p> <p>Bolt, Torq-Set® Short Thread Alloy Steel CRES. (A-286) *Ti Alloy 3A Fit</p>  <p>Flat Fillister Pan Head</p> <p>*Per NAS621 (4Al-4Mn and 6Al-4V)</p>
<p>NAS945-947</p> <p>Cap Protectors, Fittings Plastic</p> 	<p>NAS1003-1020</p> <p>Bolt, Machine Hexagon Head Drilled Head/ Drilled Shank Undrilled CRES. Steel (A-286) 3A Fit</p> 	<p>NAS1080</p> <p>Collar Lockbolt Aluminum Steel</p> 
<p>NAS1021-1022</p> <p>Nut, Self-Locking Full and Shear 250°F, 500°F, 800°F Al Alloy CRES. Steel Steel Monel 3B Fit</p> 	<p>NAS1081</p> <p>Set Screw, Self-Locking Hex Socket; 250°F Alloy Steel CRES. Steel 3A Fit</p>  <p>Type A Flat Pt. Type B Cone Pt. Type D Cup Pt.</p>	<p>NAS1141-1148 NAS1151-1158</p> <p>Bolt, Torq-Set® Short Thread Alloy Steel CRES. (A-286) *Ti Alloy 3A Fit</p>  <p>Brazier Head 100° Flat Head</p> <p>*Per NAS621 (4Al-4Mn and 6Al-4V)</p>
<p>NAS1023-1033</p> <p>Nut, Self-Locking Plate Types 250°F, 450°F, 800°F Al Alloy CRES. Steel Steel 3B Fit</p> 	<p>NAS1083-1088</p> <p>Bolt 100° Flat Head, Close Tolerance Ti Alloy Per NAS621°</p>  <p>"Hi-Torque®" "Phillips" Recess</p> <p>*4Al-4Mn and 6Al-4V</p>	<p>NAS1161-1168</p> <p>Bolt, Self-Locking Torq-Set Alloy Steel Available in CRES. (A-286) 3A Fit</p>  <p>100° Flat Head</p>
<p>NAS1034-1041</p> <p>Nut, Self-Locking Gang Channel 250°F, 550°F, 800°F Al Alloy CRES. Steel Steel 3B Fit</p>  <p>Non-CTSK. 100° CTSK.</p>	<p>NAS1096</p> <p>Screw-Hex Head, Recessed Alloy Steel</p> 	<p>NAS1171-1178 NAS1181-1188</p> <p>Bolt, Self-Locking Torq-Set®, 250° Alloy Steel Available in CRES. (A-286) 3A Fit</p> 
<p>NAS1042-1044</p> <p>Shackle Anchor Steel Alloy Steel</p> 	<p>NAS1097</p> <p>Rivet-Solid 100° Flush Shear Al Alloy</p> 	<p>NAS1189-1191</p> <p>Screw, Self-Locking Full Thread, 250° Phillips and Torq-Set® Alloy Steel CRES. (A-286) 3A Fit</p> 
<p>NAS1045</p> <p>Thimble-Heavy (Wire Cable) Steel</p> 	<p>NAS1098</p> <p>Nut, Tube Fitting Aluminum Steel CRES. Steel</p> 	<p>NAS1193</p> <p>Locking Device CRES. Steel (4104) 17-4 PH</p> 
<p>NAS1046-1053</p> <p>Clip-Wire Rope; Turn Buckle; Chain-Welded; Slinglink, Hooks; Eye Bolt Steel Alloy Steel</p> 	<p>NAS1100-1102</p> <p>Screw, Torq-Set® Full Thread Alloy Steel CRES. Steel (A-286) 3A Fit</p> 	<p>NAS1195</p> <p>Shim, Anchor Nut; Miniature Steel CRES. Steel Al Clad Al Alloy Titanium Al Alloy</p> 
<p>NAS1061</p> <p>Lockwasher High-Temperature CRES. Steel</p> 	<p>NAS1197</p> <p>Washer, Flat CRES. (A-286)</p> 	<p>NAS1193</p> <p>Locking Device CRES. Steel (4104) 17-4 PH</p> 
<p>NAS1067-1068</p> <p>Nut, Plate Self-locking 500°F, 800°F Steel CRES. Steel 3B Fit</p> 	<p>NAS1103-1120</p> <p>Bolt, Hex Head Close Tolerance 160,000 psi Drilled Shank/Undrilled Alloy Steel 3A Fit</p> 	<p>NAS1198-1200</p> <p>Rivet, Solid</p> 





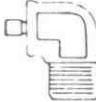








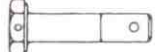

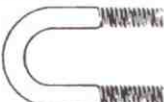
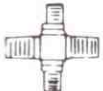








<p>NAS1201</p> <p>Bead Chain Components and Assembly</p> <p>Brass CRES. Steel</p> 	<p>NAS1252</p> <p>Washer Flat</p>  <p>Al Alloy</p>	<p>NAS1297-1299</p> <p>Bolt, Shoulder</p>  <p>Alloy Steel 3A Fit</p>  
<p>NAS1202-1210</p> <p>Bolt, 100° Close Tolerance 160,000 PSI Drilled/Undrilled Shank</p> <p>Alloy Steel 3A Fit</p>  <p>Phillips Recess</p>	<p>NAS1253-1260</p> <p>Bolt, 100° Head "Hi-Torque®" 160,000 PSI</p>  <p>Steel 3A Fit</p>	<p>NAS1300</p> <p>Thumb Screw Drilled/Undrilled</p>  <p>Steel CRES. Steel 2A Fit</p>
<p>NAS1211-1213</p> <p>Fitting, Tie Down Strap End; Strap</p>   <p>Steel Al Alloy Cotton Nylon</p>	<p>NAS1261-1265 NAS1266-1270</p> <p>Bolt, Hex Head Close Tolerance</p>  <p>6Al 4V Per NAS621 3A Fit</p>	<p>NAS1301</p> <p>Screw, Pan Head, Assembled Washers Phillips Recess</p>  <p>Steel Brass CRES. Steel 2A Fit</p>
<p>NAS1216-1218</p> <p>Pan Head "Hi-Torque®" Bolt</p>  <p>CRES. Steel Alloy Steel CRES. (A-286) 3A Fit</p> <p>Full Thread</p> <p>Short Thread</p> <p>Long Thread</p>	<p>NAS1271-1280</p> <p>Bolt, 12 Pt. External Wrenching</p>  <p>6Al-4V Per NAS621 3A Fit</p>	<p>NAS1301</p>  <p>Lockwasher—MS35J38 Flat Washer</p>
<p>NAS1219-1221</p> <p>100° CTSK. "Hi-Torque®" Bolt</p>  <p>CRES. Steel Alloy Steel CRES. (A-286) 3A Fit</p> <p>Full Thread</p> <p>Short Thread</p> <p>Long Thread</p>	<p>NAS1284-1285</p> <p>Buckle, Web Strap; Safety Hook</p> 	<p>NAS1329-1330</p> <p>Nut-Blind Rivet-Internal Thread</p>  <p>Al Alloy Steel CRES. Steel 3B Fit</p>
<p>NAS1222</p> <p>Insert, Helical Coil, Self-Locking</p>  <p>CRES. Steel</p> <p>Inactive for Design—See MS 21209</p>	<p>NAS1286</p> <p>Connecting Link</p>  <p>Steel</p>	<p>NAS1332-1346</p> <p>Pin, Quick Release</p>  <p>CRES. Steel</p>
<p>NAS1223-1235</p> <p>Bolt, Self-Locking Hex Head, 250°F</p>  <p>Alloy Steel CRES. Steel 3A Fit</p>	<p>NAS1287-1288</p> <p>Nut, Hex Self-Locking; Nut and Washer Shear Pin</p>   <p>Alloy Steel AMS5756 3B Fit</p>	<p>NAS1351-1352</p> <p>Socket Cap Screw-Hex 1960 Series Drilled/Undrilled</p>  <p>Alloy Steel CRES. Steel 3A Fit</p> <p>Plain Self Locking</p>
<p>NAS1243-1250</p> <p>Bolt, 100° Head "Hi-Torque" 160,000 PSI</p>  <p>Steel 3A Fit</p>	<p>NAS1291</p> <p>Nut, Self-Locking Hexagonal-Low Height, 450°F, 800°F</p>  <p>Steel CRES. Steel CRES. (A-286) 3B Fit</p>	<p>NAS1368</p> <p>Grommet Flip-Type</p>   <p>Plastic</p>
<p>NAS1251</p> <p>Eye Bolt-Swivel</p>  <p>Steel</p>	<p>NAS1292-1296</p> <p>Pin-Threaded Shear-100° CTSK.</p>  <p>Alloy Steel Rene '41 3A Fit</p> <p>Use with NAS1287 or NAS1288 Nut and NAS1288W Washer</p>	<p>NAS1380-1381</p> <p>Stud, Welding</p>   <p>Steel CRES. Steel</p> <p>Internal Thread External Thread</p>



<p>NAS1382-1385</p> <p>Fitting, Tie Down, Strap End, Strap Assemble</p>  <p>Steel Zinc Alloy Cotton Nylon</p>	<p>NAS1431</p> <p>Rod, Continuous Thread</p>  <p>Steel CRES, Steel 2A Fit</p> <p>Cancelled—See NAS1454</p>	<p>NAS1535-1542 NAS1546-1552</p> <p>Lock Bolt, 100° Head; Protruding Head</p>  <p>Al Alloy</p>
<p>NAS1386</p> <p>Eyelet, Electrical</p>  <p>Brass Copper (Gold/Cad Plated)</p>	<p>NAS1436-1442 NAS1446-1452</p> <p>Lockbolt, Shear 100° Head; Protruding Head</p>  <p>Alloy Steel</p>	<p>NAS1553</p> <p>Knobs, Hand</p>  <p>Alloy Steel Al Alloy Available in CRES</p>
<p>NAS1393</p> <p>Screw, 82° Flat Head "Torq-Set®"</p>  <p>Alloy Steel CRES, Steel 3A Fit</p>	<p>NAS1454</p> <p>Rod, Continuous Threaded</p>  <p>Steel CRES, Steel 2A Fit</p>	<p>NAS 1564</p> <p>REDUCER Flared Tube</p> 
<p>NAS1394-1395</p> <p>Insert-Threaded Metal, Lt. Wght. Regular and Self-Locking</p>  <p>Steel CRES, Steel (A 286) 3B/3A Fit</p>	<p>NAS1463-1464</p> <p>Clip, Spring</p>  <p>Steel Beryllium Copper</p>	<p>NAS1578-1579</p> <p>Bolt, Pan Head, 1200°F 185,000 PSI</p>  <p>CRES (U 212) Per NAS1597 Cond. F 3A Fit</p> <p>Torq-Set® Hi-Torque®</p>
<p>NAS1397</p> <p>Clamp-Loop</p>  <p>Nylon</p>	<p>NAS1473</p> <p>Nut, Cap, Self-Sealing, Self-Locking, Two Lug Floating, Plate</p>  <p>Steel CRES, Steel 3B Fit</p>	<p>NAS1580-1582</p> <p>Bolt, 100° Flush Head, 1200°F 185,000 PSI</p>  <p>CRES (U 212) Per NAS1597 Cond. F 3A Fit</p> <p>Torq-Set® Hi-Torque®</p>
<p>NAS1398-1400</p> <p>Rivets-Blind</p>  <p>Al Alloy Monel CRES (A 286)</p>	<p>NAS1493</p> <p>Lock Nut Bearing, Retaining</p>  <p>Steel</p>	<p>NAS1583-1585</p> <p>Pin, Hi-Shear 1200°F; Collar 100° CTSK.</p>  <p>Inconel "X" Per AMS 5667</p>
<p>NAS1401</p> <p>Washer, Radius</p>  <p>Al Alloy CRES, Steel Steel</p>	<p>NAS1496-1502</p> <p>Lock Bolt-Protruding Head</p>  <p>Alloy Steel</p>	<p>NAS1586</p> <p>Bolt, 12 Pt. Ext. Wrenching 1200°F; Drilled/Undrilled</p>  <p>Bolt</p> <p>CRES (U 212) Per NAS1597 Cond. F 3A Fit</p>
<p>NAS1402-1406</p> <p>Pan Head Aircraft Screw Phillips Recess 160,000 PSI</p>  <p>Alloy Steel 2A Fit</p>	<p>NAS1503-1510</p> <p>Bolt, 100° Head, "Hi-Torque®"</p>  <p>Alloy Steel 3A Fit</p>	<p>NAS1587</p> <p>Washer 1200°F</p>  <p>Plain CTSK. CRES, Steel Type 321/347</p>
<p>NAS1407</p> <p>Fin-Spring, Coiled</p>  <p>Steel CRES, Steel</p>	<p>NAS1512-1513</p> <p>Nut, Self-Locking Gang Channel</p>  <p>Steel Al Alloy CRES, Steel</p>	<p>NAS1588</p> <p>Bolt, Shear Hex Head 1200°F</p>  <p>CRES (U 212) Per NAS1597 Cond. F 3A Fit</p>
<p>NAS1408-1409</p> <p>Nut, Self-Locking</p>  <p>Steel CRES, Steel 2B Fit</p>	<p>NAS1515</p> <p>Washers</p>  <p>Plastic Syn Rubber</p>	<p>NAS1593-1596</p> <p>Packing "O" Ring Preformed</p>  <p>Syn. Rubber</p>
<p>NAS1414-1422 NAS1424-1432</p> <p>Lockbolt-Shear 100° Head, Flat Head</p>  <p>Alloy Steel</p>	<p>NAS1516-1522 NAS1525-1532</p> <p>Lock Bolt, 100° Head; Protruding Head</p>  <p>Al Alloy</p>	<p>NAS1603-1610</p> <p>Bolt, 100° Head Close Tolerance 160,000 PSI</p>  <p>Alloy Steel 3A Fit</p> <p>Phillips Recess Hi-Torque® Recess</p>



<p>NAS1611-1613</p> <p>Packing "O" Ring Preformed</p>  <p>Syn Rubber</p>	<p>ER 816</p> <p>UNION Flareless Tube to Pipe</p> 	<p>ER 837</p> <p>BULKHEAD ELBOW 45° Flareless Tube Reducer</p> 																																
<p>NAS1620-1628 NAS1630-1634</p> <p>Screw-Torq-Set® 100° Flat Head</p>  <p>Alloy Steel CRES. (A 286) 3A Fit</p> <p>Pan Head</p>	<p>ER 821</p> <p>REDUCER ELBOW Flareless Tube</p> 	<div style="border: 2px solid black; padding: 10px; text-align: center;"> <h2 style="margin: 0;">THREAD SIZES</h2> </div>																																
<p>NAS1635</p> <p>Screw-Pan Head Phillips Recess Regular and Self- Locking</p>  <p>CRES. Steel (Non Mag.) 2A Fit</p>	<p>ER 822</p> <p>ELBOW 90° Flareless to Pipe</p> 																																	
<p>NAS1703-1710</p> <p>Bolt, 100° Head Close Tolerance 160,000 PSI</p>  <p>Steel 3A Fit</p>	<p>ER 823</p> <p>ELBOW 45° Flareless Tube to Pipe</p> 	<table border="1"> <thead> <tr> <th>DASH NO.</th> <th>THREAD SIZE</th> </tr> </thead> <tbody> <tr><td>2</td><td>5/16 - 24 UNF-3A</td></tr> <tr><td>3</td><td>3/8 - 24 UNF-3A</td></tr> <tr><td>4</td><td>7/16 - 20 UNF-3A</td></tr> <tr><td>5</td><td>1/2 - 20 UNF-3A</td></tr> <tr><td>6</td><td>9/16 - 18 UNF-3A</td></tr> <tr><td>8</td><td>3/4 - 16 UNF-3A</td></tr> <tr><td>10</td><td>7/8 - 14 UNF-3A</td></tr> <tr><td>12</td><td>1-1/16 - 12 UN-3A</td></tr> <tr><td>16</td><td>1-5/16 - 12 UN-3A</td></tr> <tr><td>20</td><td>1-5/8 - 12 UN-3A</td></tr> <tr><td>24</td><td>1-7/8 - 12 UN-3A</td></tr> <tr><td>28</td><td>2-1/4 - 12 UN-3A</td></tr> <tr><td>32</td><td>2-1/2 - 12 UN-3A</td></tr> <tr><td>40</td><td>3 - 12 UN-3A</td></tr> <tr><td>48</td><td>3-1/2 - 12 UN-3A</td></tr> </tbody> </table>	DASH NO.	THREAD SIZE	2	5/16 - 24 UNF-3A	3	3/8 - 24 UNF-3A	4	7/16 - 20 UNF-3A	5	1/2 - 20 UNF-3A	6	9/16 - 18 UNF-3A	8	3/4 - 16 UNF-3A	10	7/8 - 14 UNF-3A	12	1-1/16 - 12 UN-3A	16	1-5/16 - 12 UN-3A	20	1-5/8 - 12 UN-3A	24	1-7/8 - 12 UN-3A	28	2-1/4 - 12 UN-3A	32	2-1/2 - 12 UN-3A	40	3 - 12 UN-3A	48	3-1/2 - 12 UN-3A
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<p>NAS1806-1816 NAS1906-1916</p> <p>Rivet, Hi-Shear</p>  <p>Ti Alloy per NAS621</p>	<p>ER 824</p> <p>REDUCER TEE Flareless Tube</p> 																																	
<p>NAS2803-2810</p> <p>Bolt, 100° Head Torq-Set 180,000 PSI</p>  <p>Alloy Steel 3A Fit</p>	<p>ER 825</p> <p>TEE Flareless Tube to Pipe Thread on Side</p> 																																	
<p>NAS2903-2920 NAS3003-3020</p> <p>Hex Head Bolt, Close Tolerance, 160,000 PSI</p>  <p>Alloy Steel 3A Fit</p> <p>Drilled/Undrilled</p>	<p>ER 826</p> <p>TEE Flareless Tube to Pipe Thread on Run</p> 																																	
<p>NAS3103-3110 NAS3203-3210 NAS3303-3305</p> <p>Bolt; Hook</p>  <p>Steel RES. Steel 2A Fit</p>	<p>ER 827</p> <p>CROSS Flareless Tube Reducer</p> 																																	
<p>ER 783</p> <p>REDUCER TEE Bulkhead on Run, Internally Threaded Side Port</p> 	<p>ER 832</p> <p>BULKHEAD UNION Flareless Tube Reducer</p> 																																	
<p>ER 784</p> <p>REDUCER TEE Bulkhead and Internally Threaded Port on Run</p> 	<p>ER 833</p> <p>BULKHEAD ELBOW Flareless Tube Reducer</p> 																																	
<p>ER 804</p> <p>REDUCER TEE Bulkhead on Run, Flareless Tube</p> 	<p>ER 834</p> <p>BULKHEAD TEE Flareless Tube Reducer</p> 																																	

Straight Thread

Pipe Thread

