

FTI 2012 BUYERS' GUIDE

Product Categories and Update Form

The 2012 edition of the Fastener Technology International Buyers' Guide will be published in November of 2011.

The products covered by this checklist fall into five major categories: Fastener & Precision Formed Parts; Materials, Wire, Rod, Bar & Strip; Manufacturing/Distribution Supplies & Service; Machinery/Equipment/Process Classifications; and Assembly Equipment/Tools/Supplies.

NOTE: The product/contact update form on the last page should be updated and returned as soon as possible. If you would like to see a new product category in our next issue that is not listed, please write the category name on the form and send to mcnulty@fastenertech.com.

If you are a new listing for the 2012 edition, review the product codes provided. Complete the last page, filling in the product codes in the boxes, along with your company information. Please note that up to 10 product codes will be provided free of charge. Advertisers (one-fourth page or greater) in the directory issue will receive unlimited product codes. Their listings will also appear in **boldface** type. Those not advertising will be charged \$10 for each product code over 10. A check must be included with this form if over 10 listings or we will bill you.

Publisher reserves the right to edit, modify or exclude any listing and is not responsible for the accuracy or completeness of directory listings beyond exercising reasonable care in preparation.

Fasteners & Precision Formed Parts

00001 ANCHORS-Concrete Expansion	00744 BOLTS-Tank	00982 FASTENERS-Toggle Latch	01771 NUTS-Flange
00002 ANCHORS-Drywall	00752 BOLTS-Tapered	00985 FASTENERS-Warm Formed	01780 NUTS-Gang Nut Assembly
00003 ANCHORS-Epoxy	00770 BOLTS-Toggle	00986 HANDLES-Plastic Molded	01785 NUTS-Handle
00004 ANCHORS-Plastic	00773 BOLTS-Torque Limiting	00988 INSERTS-Anchor Nut	01791 NUTS-Heavy Hex Structural
00006 ANCHORS-Wedge	00775 BOLTS-Track	00989 INSERTS-Blind End	01815 NUTS-Hex
00008 BALL JOINTS-Spherical	00814 BOLTS-12 Point Head	00991 INSERTS-Blind Hole	01859 NUTS-Hex Jam
00011 BOLTS-Adjustable Diameter	00840 BOLTS-U Bolts	00992 INSERTS-Closed End	01892 NUTS-Hex Slotted & Castle
00055 BOLTS-Aircraft (AN, MS, NAS)	00845 BOLTS-Undercut	00994 INSERTS-Expansion	01903 NUTS-High
00057 BOLTS-Aluminum	00856 BOLTS-Wheel	00995 INSERTS-Floating, Self-Aligning	01915 NUTS-High Temperature
00060 BOLTS-Anchor	00859 CABLE/WIRE TIES-Plastic Molded	00996 INSERTS-Interference Fit	01936 NUTS-Hydraulic
00075 BOLTS-Askew Head	00860 CAPS-Protection	00997 INSERTS-K-Type	01947 NUTS-Internal Wrenching
00099 BOLTS-Bent	00861 CLAMPS-Adjustable	00998 INSERTS-Locking	01952 NUTS-KEPS, Nut/Lockwasher Assembly
00119 BOLTS-Blind	00864 CLAMPS-Bandclamp	01000 INSERTS-Metric Thread	01970 NUTS-Machine Bolt
00125 BOLTS-Brass	00866 CLAMPS-Bar	01010 INSERTS-Molded-In	02013 NUTS-Machine Screw Hexagon
00132 BOLTS-Captive	00867 CLAMPS-Blind	01015 INSERTS-(NUTSERTS)	02030 NUTS-Machine Screw Square
00176 BOLTS-Carriage	00868 CLAMPS-"C"	01025 INSERTS-Post Molded	02057 NUTS-Metric Thread
00183 BOLTS-Connecting Rod	00869 CLAMPS-Cinch	01040 INSERTS-Pressed-In	02064 NUTS-Miniature
00190 BOLTS-Elevator	00870 CLAMPS-Collars	01073 INSERTS-Sandwich Panel	02068 NUTS-Nonferrous
00200 BOLTS-Encapsulation	00872 CLAMPS-Component Mountings	01080 INSERTS-Screw Anchor, Metallic	02071 NUTS-Nonmetallic
00210 BOLTS-Expansion	00873 CLAMPS-Ear	01092 INSERTS-Screw Anchor, Nonmetallic	02078 NUTS-Nut, Washer Assemblies
00224 BOLTS-Extreme Temperature	00874 CLAMPS-Earless	01096 INSERTS-Self Clinching	02090 NUTS-Pierce
00228 BOLTS-Eye	00876 CLAMPS-Gear	01100 INSERTS-Self Threading	02093 NUTS-Plastic
00229 BOLTS-Fiberglass (Reinforced)	00877 CLAMPS-Hose	01130 INSERTS-Sheet Metal	02095 NUTS-Plate
00231 BOLTS-Fitting Up	00879 CLAMPS-Hose Grip	01132 INSERTS-Snap-In	02105 NUTS-Press
00238 BOLTS-Flange	00881 CLAMPS-Motor Mountings	01134 INSERTS-Spark Plug	02110 NUTS-Push-On
00253 BOLTS-Friction Grip	00882 CLAMPS-Open-End	01136 INSERTS-Staked-In	02134 NUTS-Rivet
00260 BOLTS-Guardrail	00885 CLAMPS-Oval	01141 INSERTS-Threaded Bushings	02140 NUTS-Rod Coupling
00290 BOLTS-Hanger	00888 CLAMPS-Poly	01142 INSERTS-Threaded In	02148 NUTS-Sealing
00297 BOLTS-Hex Head	00890 CLAMPS-Ratchet Lock	01143 INSERTS-Tubing	02169 NUTS-Self-Clinching
00330 BOLTS-Hex Washer Head	00893 CLAMPS-Screw Lock	01155 INSERTS-Two Piece	02178 NUTS-Self-Locking, All Metal
00352 BOLTS-High Temperature Industrial (ASTM A193)	00894 CLAMPS-Shaft	01167 INSERTS-Welded-In	02211 NUTS-Self-Locking, Free Spinning
00374 BOLTS-Hook	00895 CLAMPS-Split Hub	01178 INSERTS-Wire Thread	02255 NUTS-Self-Locking, Insert Type
00418 BOLTS-Indented Foundation	00896 CLAMPS-Spring	01185 KNOBS-Plastic Molded	02258 NUTS-Self-Piercing, Clinch
00451 BOLTS-J Bolts	00899 CLAMPS-Stepless	01190 NAILS-Aluminum	02259 NUTS-Self-Sealing
00453 BOLTS-Joint	00902 CLAMPS-Synchro/Servo	01200 NAILS-Coated	02261 NUTS-Self-Threading
00455 BOLTS-Lag	00903 CLAMPS-Threaded Bore	01233 NAILS-Common	02264 NUTS-Slotted
00460 BOLTS-Left Hand	00905 CLAMPS-Toggle	01254 NAILS-Finish	02268 NUTS-Snap-In
00466 BOLTS-Load Indicator	00908 CLAMPS-Twin	01260 NAILS-Hot Dipped Zinc-Coated	02273 NUTS-Spanner
00475 BOLTS-Low Temperature Industrial (ASTM A320)	00909 CLEVIS-Adjustable Yokes	01273 NAILS-Ring Shank & Threaded	02275 NUTS-Spline Drive
00495 BOLTS-Machine, Nonlocking	00911 CLIPS-"C"	01299 NAILS-Roofing	02277 NUTS-Square (Regular)
00539 BOLTS-Machine, Self-Locking	00912 CLIPS-Christmas Tree	01309 NAILS-Round Head	02279 NUTS-Stainless
00572 BOLTS-Metric Thread	00914 CLIPS-Molding	01320 NAILS-Screw	02280 NUTS-T
00574 BOLTS-Miniature	00917 CLIPS-Tubular	01330 NAILS-Stainless Steel	02281 NUTS-Tamperproof
00575 BOLTS-Nonferrous	00920 CLIPS-"U"	01375 NAILS-T-Head	02294 NUTS-Tee Terminal
00585 BOLTS-Place	00923 CLIPS-Wire	01419 NUTS-Acorn, Nonlocking	02302 NUTS-Tensile Strength
00595 BOLTS-Plastic	00924 COLD HEADED-Specialties	01452 NUTS-Acorn, Self-Locking	02307 NUTS-Thumb
00616 BOLTS-Plow	00925 DRAWN SHELLS	01496 NUTS-Aircraft (AN, MS, NAS)	02315 NUTS-Torque Indicating
00626 BOLTS-Quick Release	00927 EXTRUSIONS-Cold Formed	01500 NUTS-Aluminum	02319 NUTS-12 Point Flange
00633 BOLTS-Rivet Type	00928 EYELETS	01530 NUTS-Anchor, Captive	02320 NUTS-12 Point Flange Locking
00639 BOLTS-Safety	00929 FASTENERS-Aerospace	01573 NUTS-Anchor, Nonlocking	02322 NUTS-Washer Assemblies
00641 BOLTS-Self-Insulating	00930 FASTENERS-Cold Formed	01617 NUTS-Anchor, Self-Locking	02332 NUTS-Weld
00643 BOLTS-Self-Retaining	00931 FASTENERS-Electronic Captive Screws	01625 NUTS-Barrel	02340 NUTS-Wheel
00645 BOLTS-Self-Sealing	00935 FASTENERS-Grommets	01635 NUTS-Battery	02376 NUTS-Wing
00647 BOLTS-Sheet Metal	00938 FASTENERS-Hole Plugs	01645 NUTS-Bearing	02378 NUTS-Wing, Low Profile
00650 BOLTS-Square Head	00941 FASTENERS-Hook & Loop	01646 NUTS-Binder Post	02379 NUTS-Wing, Low Washer Base
00660 BOLTS-Stainless	00945 FASTENERS-Hot Heading	01647 NUTS-Blind	02380 NUTS-Wing With Nylon Inserts
00668 BOLTS-Star	00953 FASTENERS-Mechanical Belt	01648 NUTS-Brass	02381 NUTS-Wing With Washer Base
00675 BOLTS-Step	00956 FASTENERS-Mil-Spec	01650 NUTS-Cage	02383 NUTS-Wiring
00693 BOLTS-Stove	00958 FASTENERS-NAS	01660 NUTS-Cap	02391 PIN-Alignment
00706 BOLTS-Structural	00960 FASTENERS-Powder Actuated	01675 NUTS-Castle	02400 PIN-Bed
00708 BOLTS-Structural, Alternate Design	00962 FASTENERS-Press Button	01694 NUTS-Clinch	02410 PIN-Clevis
00715 BOLTS-Strut	00964 FASTENERS-Railroad Track/Trestle	01710 NUTS-Clip On, Nonlocking	02418 PIN-Clips, Hitch
00730 BOLTS-Super Strength	00972 FASTENERS-Rotary Stud	01722 NUTS-Clip On, Self-Locking	02421 PIN-Clips
00737 BOLTS-T-Head	00975 FASTENERS-Self-Locking	01742 NUTS-Coupling	02427 PIN-Cotter
00740 BOLTS-Tamperproof	00976 FASTENERS-Self-Sealing	01748 NUTS-Dome	02453 PIN-Dowel
	00978 FASTENERS-Slide	01755 NUTS-Extruded (U-Type)	02470 PIN-Escutcheon
	00980 FASTENERS-Specials	01757 NUTS-Eye	02497 PIN-Grooved
	00981 FASTENERS-Tamperproof	01760 NUTS-Fiberglass (Reinforced)	

02520 PIN-Hardened
02530 PIN-Hinge
02540 PIN-Knurled
02550 PIN-Load Measuring
02560 PIN-Pull Dowel
02574 PIN-Quick Release
02618 PIN-Radial Locking
02624 PIN-Spring, Slotted
02630 PIN-Spring, Spirally Coiled
02651 PIN-Spring, Spirally Wrapped
02653 PIN-Straight, Solid
02655 PIN-Taper, Plain
02657 PIN-Taper, Threaded
02659 PIN-Weld
02661 QUICK OPERATING-Catches & Latches (Automatic Closing)
02663 QUICK OPERATING-Chassis Latches
02665 QUICK OPERATING-Friction Type
02667 QUICK OPERATING-Hook Latches
02669 QUICK OPERATING-Magnetic
02671 QUICK OPERATING-Partial Turn
02673 QUICK OPERATING-Push Type
02675 QUICK OPERATING-Remote Operation
02677 QUICK OPERATING-Rotary Locking
02679 QUICK OPERATING-Sliding Bolt Latches
02681 QUICK OPERATING-Sliding Pawl
02683 QUICK OPERATING-Snap-In Slide
02685 QUICK OPERATING-Tension Latches
02687 RETAINERS-Cable
02689 RETAINERS-Tube
02691 RETAINERS-Wire
02695 RETAINING RINGS-Axially Assembled
02739 RETAINING RINGS-Circlips
02772 RETAINING RINGS-Friction Devices
02816 RETAINING RINGS-Radially Assembled
02831 RETAINING RINGS-Stamped
02850 RETAINING RINGS-Wire Formed Retainers
02888 RIVET NUTS
02890 RIVETS-Aircraft (AN,MS,NAS)
02893 RIVETS-Bifurcated, Split
02937 RIVETS-Blind
02970 RIVETS-Bolt
02990 RIVETS-Brake Shoe & Clutch
03014 RIVETS-Compression
03058 RIVETS-Drive
03135 RIVETS-Hollow Core
03179 RIVETS-Insulated
03256 RIVETS-Lockbolt
03270 RIVETS-Metric
03334 RIVETS-Petal Type
03347 RIVETS-Plastic Molded
03358 RIVETS-Push-In
03370 RIVETS-Sealing
03377 RIVETS-Self-Piercing
03420 RIVETS-Self-Sealing
03454 RIVETS-Semi Tubular
03472 RIVETS-Shoulder
03498 RIVETS-Solid
03518 RIVETS-Split
03531 RIVETS-Tubular
03538 ROD ENDS-Spherical
03539 ROD-Keystock-Low Carbon
03540 ROD-Keystock-Metric
03541 ROD-Keystock-Stainless
03542 ROD-Threaded
03553 ROD-Threaded, Alloy
03562 ROD-Threaded, Metric
03570 ROD-Threaded, Stainless
03572 ROD-Turnbuckle
03573 SCREWS-Acme
03575 SCREWS-Aircraft (AN, MS, NAS)
03599 SCREWS-Aluminum
03605 SCREWS-Bi-Metal Self Drill
03610 SCREWS-Brass
03619 SCREWS-Cap, Nonlocking
03652 SCREWS-Cap, Self-Locking
03670 SCREWS-Captive
03696 SCREWS-Chipboard
03700 SCREWS-Concrete & Masonry
03702 SCREWS-Deck

03703 SCREWS-Decorative
03705 SCREWS-Dowel
03707 SCREWS-Dry Wall
03710 SCREWS-Extreme Temperature
03712 SCREWS-Fiberglass (Reinforced)
03713 SCREWS-Flange, 12 Point
03725 SCREWS-Gypsum Wall Board
03730 SCREWS-Hex
03743 SCREWS-Hex Flange
03751 SCREWS-Lag
03764 SCREWS-Leveling
03771 SCREWS-Load Measuring
03773 SCREWS-Machine
03775 SCREWS-Metric
03779 SCREWS-Miniature
03780 SCREWS-Multiple Lead
03781 SCREWS-Nonferrous
03782 SCREWS-Particleboard (see Chipboard)
03783 SCREWS-Plastic
03785 SCREWS-Post/Sex
03788 SCREWS-RecessHead,Phillips®, Pozidriv®, Etc.
03802 SCREWS-Roofing
03827 SCREWS-Sealing
03850 SCREWS-Self-Drilling
03860 SCREWS-Self-Locking
03894 SCREWS-Self-Piercing
03938 SCREWS-Self-Sealing
03971 SCREWS-Self-Tapping
04015 SCREWS-SEMS, Screw/Washer Assembly
04059 SCREWS-Set
04092 SCREWS-Shoulder
04120 SCREWS-Six-Lobe Drive, External and Internal
04136 SCREWS-Socket Head Cap
04138 SCREWS-Socket Head Cap,Self Locking
04139 SCREWS-Spline Drive
04142 SCREWS-Stainless
04170 SCREWS-Tamperproof
04175 SCREWS-Thread Cutting
04213 SCREWS-Thread Forming
04257 SCREWS-Thumb
04260 SCREWS-Tipped
04270 SCREWS-Torque Indicating
04280 SCREWS-Twelve Point
04285 SCREWS-Vented
04290 SCREWS-Weld
04334 SCREWS-Wing
04378 SCREWS-Wood, Single Thread
04411 SCREWS-Wood, Twin Thread
04412 SHIMS AND SHIM STOCK
04413 SPACERS-Metal
04416 SPACERS-Phenolic
04420 SPACERS-Plastic
04425 STANDOFFS-Metal
04426 STANDOFFS-Phenolic
04427 STANDOFFS-Plastic Molded
04429 STAPLES
04444 STAPLES-Customized
04447 STRAIN RELIEFS & FITTINGS
04450 STRUT-Strut Fittings, Springs/nuts, Pipe & Beam Clamps
04455 STUDS-All Thread
04499 STUDS-Ball
04500 STUDS-Bolt
04502 STUDS-Collar
04505 STUDS-Continuous Thread
04507 STUDS-Double End
04509 STUDS-Drive
04511 STUDS-Expansion Base
04515 STUDS-Load Measuring
04518 STUDS-Metric
04519 STUDS-Molded-In
04520 STUDS-Nonferrous
04521 STUDS-Pressed-In
04523 STUDS-Pressure Temperature Piping
04524 STUDS-Projection Weld
04525 STUDS-Self-Locking
04528 STUDS-Self-Piercing
04532 STUDS-Shank
04535 STUDS-Single End
04548 STUDS-Snap-In
04558 STUDS-Tap End
04615 STUDS-Weld
04620 STUDS-Wheel
04630 TERMINAL-Connectors

04650 TURNBUCKLES
04689 WASHERS-Aluminum
04690 WASHERS-Belleville
04697 WASHERS-Beveled
04708 WASHERS-Conical
04730 WASHERS-Crinkle
04735 WASHERS-Galvanized
04740 WASHERS-Helical Spring
04745 WASHERS-Load Measuring
04818 WASHERS-Lock,Single & Double Helical Spring
04863 WASHERS-Lock Toothed
04939 WASHERS-Metric
04954 WASHERS-Nonmetallic
04972 WASHERS-Plain/SAE
05016 WASHERS-Sealing
05020 WASHERS-Self-Locking
05049 WASHERS-Spring
05060 WASHERS-Stainless
05072 WASHERS-Structural
05075 WASHERS-Tensile Strength
05200 ZINC DIE CASTING

Materials, Wire, Rod, Bar & Strip

20000 BAR-Alloy
20002 BAR-Cold Drawn
20009 BAR-Hot Rolled, Cold Heading Quality
20020 BAR-Stainless
20030 ROD-Alloy
20042 ROD-Hot Rolled, Cold Heading Quality
20062 ROD-Nonferrous
20072 ROD-Scrapless Nut Quality
20075 ROD-Stainless
20086 STEEL-Bearing Specialty
20120 STRIP-Carbon Steel
20163 STRIP-Nonferrous
20207 STRIP-Spring Steel
20220 STRIP-Stainless Steel
20243 WIRE-Aerospace Quality, Titanium, Etc.
20265 WIRE-Alloy Steel, Various Kinds
20284 WIRE-Aluminum Cold Heading Quality
20290 WIRE-Annealed
20328 WIRE-Brass, Cold Heading Quality
20361 WIRE-Cold Heading Quality,Carbon Steel C-1008
20405 WIRE-Cold Heading Quality, Carbon Steel C-1010
20449 WIRE-Cold Heading Quality, Carbon Steel C-1018
20473 WIRE-Cold Heading Quality, Carbon Steel C-1038
20526 WIRE-Copper, Cold Heading Quality
20560 WIRE-Redrawn
20603 WIRE-Semi Finished, Cold Heading Quality
20605 WIRE-Silicon Bronze, Cold Heading Quality
20610 WIRE-Stainless Steel

Manufacturing/Distribution Supplies & Service

40001 ABRASIVES
40008 ADHESIVES-Double Coated
40010 ADHESIVES-Thread Locking
40020 BAR CODING EQUIPMENT
40035 CLEANING CHEMICALS
40037 CNC MACHINING
40040 COATING SYSTEMS-TiC
40041 COATING SYSTEMS-Tin
40042 COATING SYSTEMS-Tx-1
40043 COATING SYSTEMS-Ion Implantation
40044 COATING SYSTEMS-Ion Nitriding
40045 COATING SYSTEMS-Fluoropolymer
40046 COATING SYSTEMS-Salt Bath Nitriding
40080 COATINGS-Ion Carburizing
40084 COATINGS-Nail, Phenolic & EpoxyBase
40090 COATINGS-Powder Painting
40128 COMPOUNDS-Anti-Corrosion
40138 COMPOUNDS-Brazing/Soldering

Paste
40161 COMPOUNDS-Coating, All Types
40163 COMPOUNDS-Corrosion Preventative
40166 COMPOUNDS-Diamond Powder
40200 CORROSION PROTECTION-Dip Spin
40202 CORROSION PROTECTION-Electroplating
40204 CORROSION PROTECTION-Mechanical
40206 CORROSION PROTECTION-Paints/Solid Film
40270 DIE MAKING & MAINTENANCE EQUIPMENT
40282 DIES-Bolt & Screw Head Forming
40286 DIES-Carbide, Bolt & Screw Forming Extruding
40326 DIES-Carbide Drawing
40327 DIES-Carbide Heading
40329 DIES-Carbide Nail Tooling
40331 DIES-Carbide, Wire Drawing
40333 DIES-Casings
40340 DIES-Cut-Off
40344 DIES-Cut-Off Carbide
40347 DIES-Cut-Off Knives
40355 DIES-Cut-Off Steel
40360 DIES-Diamond
40365 DIES-Extrusion Pins
40370 DIES-Forming Hammers
40375 DIES-Hammer Pins
40380 DIES-Kick Out Pins
40385 DIES-Punch Holders
40390 DIES-Punches (All Kinds)
40403 DIES-Punches, Bolt & Thread Forming
40447 DIES-Roll Forming
40480 DIES-Sectional
40484 DIES-Segmented, Carbide (Hex Forming)
40489 DIES-Segmented, Steel (Hex Forming)
40493 DIES-Sleeves
40524 DIES-Special Shapes
40526 DIES-Specialty Coated
40535 DIES-Steel, Bolt & Screw Forming Extruding
40543 DIES-Steel, Nail Tooling
40545 DIES-Steel, Nut Forming
40555 DIES-Swaging
40568 DIES-Thread Cutting
40578 DIES-Thread & Form Rolling, Circular
40591 DIES-Thread Rolling Cylindrical
40645 DIES-Thread Rolling Flat
40648 DIES-Thread Rolling Segmented Planetary
40649 DIES-Transfer Fingers
40650 DIES-Trimming
40651 DIES-Trim Punches
40652 DIES-Upset Hammers
40657 FEED ROLLS
40659 FINISHES-Organic
40900 HEAD PAINTING
41010 HEAT TREATMENT
41015 HEAT TREATMENT-Quench Media
41020 INKS
41041 LUBRICANTS-Cold Heading
41045 LUBRICANTS-Dry Film
41051 LUBRICANTS-Hot Heading
41085 LUBRICANTS-In-Line Wire Drawing
41120 PACKAGING-Bagging of Fasteners
41129 PACKAGING-Bags
41132 PACKAGING-Bags, Plastic
41145 PACKAGING-Bins
41206 PACKAGING-Blister Type
41240 PACKAGING-Boxes
41260 PACKAGING-Cabinets
41283 PACKAGING-Cartons
41288 PACKAGING-Concepts
41293 PACKAGING-Drawers
41298 PACKAGING-Fiberboard
41310 PACKAGING-Labels
41332 PACKAGING-Poly Bags
41337 PACKAGING-Twist Ties
41347 PERSONAL PROTECTION-Hearing Protection

41520 PLATING
 41695 RACKS-Storage
 41705 RUST PREVENTATIVES-
 Waterborne
 41715 RUST & SCALE-Removers
 41723 SAFETY EQUIPMENT-Clothing,
 Gloves, Goggles, Etc.
 41727 SECONDARY OPERATIONS
 41730 SERVICE-Fastener Inventory
 Exchange
 41740 TAPS-Thread Cutting
 41760 TESTING-Chemical
 41761 TESTING-Destructive
 41762 TESTING-Dimensional Inspection
 41763 TESTING-Failure Analysis
 41764 TESTING-Metallurgical
 41765 TESTING-Mechanical
 41766 TESTING-Nondestructive
 41770 THREAD DESIGN, Patented
 41780 TOOLING-Bent Shank Tapper Taps
 41782 TOOLING-Blocks & Holders (Die,
 Punch & Cutter)
 42208 TOOLING-Bolt Stop Holders
 42210 TOOLING-Casings & Holders
 42211 TOOLING-Cutters
 42212 TOOLING-Cutter Holders
 42213 TOOLING-Cutter Inserts
 42214 TOOLING-Cut-Off Knives, Carbide
 42215 TOOLING-Cut-Off Knives, Steel
 42216 TOOLING-Cut-Off Knives &
 Fingers
 42217 TOOLING-Die Cases
 42218 TOOLING-Dies, Trim
 42219 TOOLING-Feed Rolls
 42220 TOOLING-Finger Holders
 42221 TOOLING-Finger Posts,
 Nonrotating
 42222 TOOLING-Finger Transfer
 42223 TOOLING-Grips, Transfer
 42224 TOOLING-Grips, Wedge Lock
 42226 TOOLING-Heading Punches
 (Upsetting,HeadForming,Trim)
 42228 TOOLING-Nib Taps
 42230 TOOLING-Nut Former
 Adjusting Blocks
 42232 TOOLING-Nut Former
 Assembly Blocks
 42234 TOOLING-Nut Former Fingers
 42236 TOOLING-Nut Taps
 42238 TOOLING-Pins, Hex
 42239 TOOLING-Pins, Knockout
 42242 TOOLING-Pins & Punches,
 Carbide
 42244 TOOLING-Pins & Punches, Steel
 (Non-Hobbed Types)
 42246 TOOLING-Pointer Chuck Jaws
 42248 TOOLING-Pointer Jaws, Cutters
 42250 TOOLING-Punches
 ● 42255 TOOLING-Punches, Six-Lobe/
 Hexalobular
 42264 TOOLING-Punches, Phillips, Etc
 (Hobbed Types)
 42265 TOOLING-Rivet Setting
 42266 TOOLING-Thread Cutting
 42268 TOOLING-Transfer Fingers, Grips,
 Holders, Posts
 43000 TOOLING TREATMENT-Tic/Tin
 Cvd/Pvd
 43030 TOOLING TREATMENT-Ion
 Nitriding
 43040 TOOLING TREATMENT-
 PlasmaSpray
 44000 TRAINING-Employee
 44100 VINYL PLASTISOLS

**Machinery/Equipment/Process
 Classifications**

60000 AIR CLEANERS
 60001 AIR POLLUTION-Control Systems
 60003 APPRAISALS & LIQUIDATIONS
 60005 AUTOMATIC INSPECTION
 60027 BARRELS-For Parts Cleaning
 60038 BOLT HEAD FLASH TRIMMING
 60049 BOLT MAKING
 60126 BOLT POINTING
 60160 BOLT & SCREW HEAD
 SLOTTING
 60180 BOLT, SCREW & PART FORMING
 60190 BOLT SHANK EXTRUSION

60203 BOLT THREADING
 60247 BOLT TRIMMING
 60249 CHAMBERS-Environmental
 60250 CLEANING-Air Blast
 60251 CLEANING-Chemical
 60252 CLEANING-Mechanical
 60280 COLD FORGING
 60324 COLD HEADING
 60368 COLD HEADING-Wire Preheater
 60370 COMPUTERS-Software
 60372 COMPUTERS-For Distributors
 60374 COMPUTERS-For Manufacturers
 60376 COMPUTERS-Hardware
 60378 COMPUTERS-Inventory Control
 60379 COMPUTERS-SPC Data
 Retention
 60380 CONTRACT ASSEMBLY
 60381 CONTROLS-In-Process
 60382 CONTROLS-Load Monitoring
 60384 COOLERS-Quench Oil
 60489 COUNTING-Automatic Electronic
 60522 COUNTING-Automatic Mechanical
 60566 CUTTERS
 60570 CUTTERS-Bolt Wire
 60576 CUTTERS-Power
 60578 DATA ACQUISITION SYSTEM
 60580 DEBURRING & FINISHING
 60585 DEGREASING
 60588 DESCALER-Chemical
 60590 DESCALER-Mechanical
 60600 DIE MAKING & SERVICING
 60610 DRILLING & TAPPING
 MACHINERY
 60620 DUST COLLECTORS
 60625 ELECTRICAL CONTROL PANELS
 60630 EYELET SETTING
 ● 60632 FABRICATIONS-Small
 60643 FASTENER-Packaging
 60690 FEEDERS-Air
 60764 FEEDERS-Bowls
 60808 FEEDERS-Custom Design
 60820 FEEDERS-Parts
 60841 FEEDERS-Vibrators
 60860 FEEDERS-Vibratory
 60880 FLAT WIRE-Straightening & Cutting
 60885 FLAT WIRE-Wire Flattening
 60942 FORMING WIRE & STRIP
 61006 FOUR-SLIDE FORMING
 61010 FURNACES-Aluminizing
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 Tempering
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 61021 FURNACES-Continuous Case
 Hardening
 61022 FURNACES-Controlled Atmosphere
 61024 FURNACES-Electric
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 Rapid Heating
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 Controls
 61031 FURNACES-Material Handling
 61032 FURNACES-Mesh Conveyor Belts
 61033 FURNACES-Spheroidizing
 61034 FURNACES-Vacuum and Protective
 Atmosphere
 61048 GAGES-Screws, Nuts, Bolts Rivets
 & Washers
 ● 61049 GAGES-Six-Lobe/Hexalobular
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 ● 61053 GAGES-Variable Reading Thread
 61055 GALVANIZING
 61057 GALVANIZING-Mechanical
 61060 GUIDES-Roller
 61070 HANDTOOLS-Blind Insert
 Installation
 61083 HEAD & SHANK DRILLING
 61127 HEAD TRIMMING
 61130 HEAT TREATMENT-Automated
 Controls
 61135 HEAT TREATMENT PLANT
 61160 HOT & WARM FORGING
 61204 HOT HEADERS
 61248 IN-LINE WIRE DRAWING
 61260 INSERTION TYPE-For Headless/
 Headed Fasteners

61265 INSPECTION-Eddy Current
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 & Bar
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 Thickness
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 Assembly, Nylon & Metal
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 61765 NUT SPLITTERS
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 TAPPINGS
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 61812 OVENS-Rod Baking
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 Machines
 61814 PACKAGING-Systems
 61815 PACKAGING-Tubular Bagging
 Machines
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 61836 PLATING-Rack Accessories
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 STRAIGHTENERS
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 62074 ROBOT-Tending Metal Forming
 Operation
 62076 ROBOT-Tending Metal Working
 Machine
 62078 ROBOT-Tending Packaging
 Operation
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 62082 ROBOT-Tending Stacking &
 Destacking
 62084 ROBOT-Tending Tool Handling
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 62110 ROD HEADING
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 62181 SCREW & WASHER ASSEMBLY
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 62249 SHANK SLOTTING-Nylon Insert

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 62251 SOUND ENCLOSURES
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 CABINETS
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 62348 SYSTEMS-Employee Training
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 62354 SYSTEMS-High Frequency
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 62358 SYSTEMS-Manufacturing Control
 & Information
 62359 SYSTEMS-Small Parts Handling
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 62406 TAPPING-Nut
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 62410 TEST EQUIPMENT-Non-
 Destructive
 62412 TESTERS-Bend
 62414 TESTERS-Dynamic
 62416 TESTERS-Fatigue
 62418 TESTERS-Flaws in Metal
 62420 TESTERS-Hardness
 62421 TESTERS-Material
 62422 TESTERS-Tensile
 62424 TESTERS-Tension
 62426 TESTERS-Torque-Tension
 62428 TESTERS-Upset for Cold
 Heading Stock
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 62601 U BOLT-Machine
 62689 ULTRASONIC CLEANING
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 62742 VENTILATING SYSTEMS/
 EQUIPMENT
 62766 VIBRATING DRUM,ELEVATOR,
 ROTARY
 62800 WASHERS SPRING
 62806 WASHING DEGREASING
 PLANT
 62810 WELDING-Butt
 62814 WELDING-Spot
 62818 WELDING-Stud
 62847 WIRE HEATER
 62848 WIRE HOLE DRILLING
 62849 WIRE STRAIGHTENING
 62850 WIRE WELDING

Assembly Equipment/Tools/Supplies

70000 ASSEMBLY STATIONS
 70010 ASSEMBLY & TEST SYSTEMS
 70017 ASSEMBLIES-Washer,Custom
 Built
 70020 AUTOMATIC ASSEMBLY
 70030 AUTOMATIC SCREWDRIVING
 70040 BENCHES-Assembly
 70043 BITS-Driver Recess
 70045 BITS-High Speed Drill
 70047 BITS-Masonry Drill
 70050 CABINETS
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 Screws
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 70080 CONTROLS-Programming
 70090 CONTROLS-Vibratory Feeder
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 70108 EXTRACTOR
 70110 EYELET SETTING MACHINERY
 70130 FEEDERS-Belt
 70140 FEEDERS-Bowl
 70150 FEEDERS-Drum
 70160 FEEDERS-Vibratory
 70162 HAND TOOLS-Blind Insert
 Installation
 70166 HAND TOOLS-Inserts
 70170 HAND TOOLS-Nailing
 70190 HAND TOOLS-Riveters
 70200 HAND TOOLS-Screwdrivers,
 Slotted & Recess Head
 70201 HAND TOOLS-Screwdrivers,
 Spine Drive
 70202 HAND TOOLS-Stapling

70205 HAND TOOLS-Testing
 70210 HAND TOOLS-Wrenches Hexagon
 70211 HAND TOOLS-Wrenches Spline Drive
 70220 HAND TOOLS-Wrenches Torque Electronic
 70230 HAND TOOLS-Wrenches Torque Mechanical
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 70290 PICK & PLACE DEVICES
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 70330 POWER TOOLS-Drills/Tappers
 70340 POWER TOOLS-Electric Driven
 70350 POWER TOOLS-Grinders
 70360 POWER TOOLS-Impact
 70370 POWER TOOLS-Nut Runners, Single & Multiple
 70380 POWER TOOLS-Percussive
 70390 POWER TOOLS-Pneumatic Fastening
 70410 POWER TOOLS-Powder Actuated
 70420 POWER TOOL-RiveterMachine, Single & Multiple Head
 70430 POWER TOOLS-Riveters Portable
 70440 POWER TOOLS-Rotary Hammer Drills

70450 POWER TOOLS-Screwdrivers,Single & Multiple
 70467 POWER TOOLS-Tensioners Stud
 70468 POWER TOOLS-Testing
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 70500 PRESSES-For Crimping
 70510 RETRIEVING TOOLS
 70520 RIVET ASSEMBLY
 70530 RIVETERS-Automatic
 70540 RIVETERS-Bench & Pedestal
 70550 RIVETERS-Compression
 70560 RIVETERS-Drill-Type
 70570 RIVETERS-Multiple
 70580 RIVETERS-Orbital/Radial

70590 RIVETERS-Punch-Type
 70600 RIVETERS-Snap-Type
 70610 RIVETERS-Special
 70620 RIVETING TOOL SETS
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