

FTI 2019 BUYERS' GUIDE

Product Categories and Update Form

The 2019 edition of the Fastener Technology International Buyers' Guide will be published in March 2019.

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. A • precedes any new category.

If you are a new listing for the 2019 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
 00002 ANCHORS - Drywall
 00003 ANCHORS - Epoxy
 00004 ANCHORS - Plastic
 00006 ANCHORS - Wedge
 00008 BALL JOINTS-Spherical
 00011 BOLTS - Adjustable Diameter
 00055 BOLTS - Aircraft (AN, MS, NAS)
 00057 BOLTS - Aluminum
 00060 BOLTS - Anchor
 00075 BOLTS - Askew Head
 00099 BOLTS - Bent
 00119 BOLTS - Blind
 00125 BOLTS - Brass
 00132 BOLTS - Captive
 00176 BOLTS - Carriage
 00183 BOLTS - Connecting Rod
 00190 BOLTS - Elevator
 00200 BOLTS - Encapsulation
 00210 BOLTS - Expansion
 00224 BOLTS - Extreme Temperature
 00228 BOLTS - Eye
 00229 BOLTS - Fiberglass (Reinforced)
 00231 BOLTS - Fitting Up
 00238 BOLTS - Flange
 00253 BOLTS - Friction Grip
 00260 BOLTS - Guardrail
 00290 BOLTS - Hanger
 00297 BOLTS - Hex Head
 00330 BOLTS - Hex Washer Head
 00352 BOLTS - High Temperature Industrial (ASTM A193)
 00374 BOLTS - Hook
 00418 BOLTS - Indented Foundation
 00451 BOLTS - J-Bolts
 00452 BOLTS - JIS
 00453 BOLTS - Joint
 00455 BOLTS - Lag
 00460 BOLTS - Left Hand
 00466 BOLTS - Load Indicator
 00475 BOLTS - Low Temperature Industrial (ASTM A320)
 00495 BOLTS - Machine, Non-Locking
 00539 BOLTS - Machine, Self-Locking
 00572 BOLTS - Metric Thread
 00574 BOLTS - Miniature
 00575 BOLTS - Non-ferrous
 00585 BOLTS - Place
 00595 BOLTS - Plastic
 00616 BOLTS - Plow
 00626 BOLTS - Quick Release
 00633 BOLTS - Rivet Type
 00639 BOLTS - Safety
 00641 BOLTS - Self-Insulating
 00643 BOLTS - Self-Retaining
 00645 BOLTS - Self-Sealing
 00647 BOLTS - Sheet Metal
 00650 BOLTS - Square Head
 00660 BOLTS - Stainless
 00668 BOLTS - Star
 00675 BOLTS - Step
 00693 BOLTS - Stove
 00706 BOLTS - Structural
 00708 BOLTS - Structural, Alternate Design
 00715 BOLTS - Strut
 00730 BOLTS - Super Strength
 00737 BOLTS - T-Head
 00740 BOLTS - Tamperproof

00744 BOLTS - Tank
 00752 BOLTS - Tapered
 00770 BOLTS - Toggle
 00773 BOLTS - Torque Limiting
 00775 BOLTS - Track
 00814 BOLTS - 12 Point Head
 00840 BOLTS - U Bolts
 00845 BOLTS - Undercut
 00856 BOLTS - Wheel
 00859 CABLE/WIRE TIES - Plastic Molded
 00860 CAPS - Protection
 00861 CLAMPS - Adjustable
 00864 CLAMPS - Bandclamp
 00866 CLAMPS - Bar
 00867 CLAMPS - Blind
 00868 CLAMPS - "C"
 00869 CLAMPS - Clinch
 00870 CLAMPS - Collars
 00872 CLAMPS - Component Mountings
 00873 CLAMPS - Ear
 00874 CLAMPS - Earless
 00876 CLAMPS - Gear
 00877 CLAMPS - Hose
 00879 CLAMPS - Hose Grip
 00881 CLAMPS - Motor Mountings
 00882 CLAMPS - Open-End
 00885 CLAMPS - Oval
 00888 CLAMPS - Poly
 00890 CLAMPS - Ratchet Lock
 00893 CLAMPS - Screw Lock
 00894 CLAMPS - Shaft
 00895 CLAMPS - Split Hub
 00896 CLAMPS - Spring
 00899 CLAMPS - Stepless
 00902 CLAMPS - Synchro/Servo
 00903 CLAMPS - Threaded Bore
 00905 CLAMPS - Toggle
 00908 CLAMPS - Twin
 00909 CLEVIS - Adjustable Yokes
 00911 CLIPS - "C"
 00912 CLIPS - Christmas Tree
 00914 CLIPS - Molding
 00917 CLIPS - Tubular
 00920 CLIPS - "U"
 00923 CLIPS - Wire
 00924 COLD HEADED - Specialties
 00925 DRAWN SHELLS
 00927 EXTRUSIONS - Cold Formed
 00928 EYELETS
 00929 FASTENERS - Aerospace
 00930 FASTENERS - Cold Formed
 00931 FASTENERS - Electronic Captive Screws
 00932 FASTENERS - Automotive
 00935 FASTENERS - Grommets
 00938 FASTENERS - Hole Plugs
 00941 FASTENERS - Hook & Loop
 00945 FASTENERS - Hot Heading
 00953 FASTENERS - Mechanical Belt
 00956 FASTENERS - Mil-Spec
 00958 FASTENERS - NAS
 00960 FASTENERS - Powder Actuated
 00962 FASTENERS - Press Button
 00964 FASTENERS - Railroad Track/Trestle
 00972 FASTENERS - Rotary Stud
 00975 FASTENERS - Self-Locking
 00976 FASTENERS - Self-Sealing
 00978 FASTENERS - Slide
 00980 FASTENERS - Specials
 00981 FASTENERS - Tamperproof

00982 FASTENERS - Toggle Latch
 00985 FASTENERS - Warmed Formed
 00986 HANDLES - Plastic Molded
 00988 INSERTS - Anchor Nut
 00989 INSERTS - Blind End
 00991 INSERTS - Blind Hole
 00992 INSERTS - Closed End
 00994 INSERTS - Expansion
 00995 INSERTS - Floating, Self Aligning
 00996 INSERTS - Interference Fit
 00997 INSERTS - K-Type
 00998 INSERTS - Locking
 01000 INSERTS - Metric Thread
 01010 INSERTS - Molded In
 01015 INSERTS - (NUTSERTS)
 01025 INSERTS - Post Molded
 01040 INSERTS - Pressed In
 01073 INSERTS - Sandwich Panel
 01080 INSERTS - Screw Anchor, Metallic
 01092 INSERTS - Screw Anchor, Non-Metallic
 01096 INSERTS - Self-Clinching
 01100 INSERTS - Self-Threading
 01130 INSERTS - Sheet Metal
 01132 INSERTS - Snap In
 01134 INSERTS - Spark Plug
 01136 INSERTS - Staked In
 01138 INSERTS - Tapping
 01141 INSERTS - Threaded Bushings
 01142 INSERTS - Threaded In
 01143 INSERTS - Tubing
 01155 INSERTS - Two Piece
 01167 INSERTS - Welded In
 01178 INSERTS - Wire Thread
 01185 KNOBS - Plastic Molded
 01190 NAILS - Aluminum
 01200 NAILS - Coated
 01233 NAILS - Common
 01254 NAILS - Finish
 01260 NAILS - Hot Dipped Zinc-Coated
 01273 NAILS - Ring Shank & Threaded
 01299 NAILS - Roofing
 01309 NAILS - Molding
 01320 NAILS - Screw
 01330 NAILS - Stainless Steel
 01375 NAILS - T Head
 01419 NUTS - Acorn, Non-Locking
 01452 NUTS - Acorn, Self-Locking
 01496 NUTS - Aircraft (AN,MS,NAS)
 01500 NUTS - Aluminum
 01530 NUTS - Anchor,Captive
 01573 NUTS - Anchor, Non-Locking
 01617 NUTS - Anchor, Self-Locking
 01625 NUTS - Barrel
 01635 NUTS - Battery
 01645 NUTS - Bearing
 01646 NUTS - Binder Post
 01647 NUTS - Blind
 01648 NUTS - Brass
 01650 NUTS - Cage
 01660 NUTS - Cap
 01675 NUTS - Castle
 01694 NUTS - Clinch
 01710 NUTS - Clip On, Non-Locking
 01722 NUTS - Clip On, Self-Locking
 01742 NUTS - Coupling
 01748 NUTS - Dome
 01755 NUTS - Extruded (U-Type)
 01757 NUTS - Eye
 01760 NUTS - Fiberglass (Reinforced)

01771 NUTS - Flange
 01780 NUTS - Gang Nut Assembly
 01785 NUTS - Handle
 01791 NUTS - Heavy Hex Structural
 01815 NUTS - Hex
 01859 NUTS - Hex Jam
 01892 NUTS - Hex Slotted & Castle
 01903 NUTS - High
 01915 NUTS - High Temperature
 01936 NUTS - Hydraulic
 01947 NUTS - Internal Wrenching
 01950 NUTS - JIS
 01952 NUTS - KEPS, Nut/Lockwasher Assembly
 01970 NUTS - Machine Bolt
 02013 NUTS - Machine Screw Hexagon
 02030 NUTS - Machine Screw Square
 02057 NUTS - Metric Thread
 02064 NUTS - Miniature
 02068 NUTS - Nonferrous
 02071 NUTS - Non-Metallic
 02078 NUTS - Nut, Washer Assemblies
 02090 NUTS - Pierce
 02093 NUTS - Plastic
 02095 NUTS - Plate
 02105 NUTS - Press
 02110 NUTS - Push On
 02134 NUTS - Rivet
 02140 NUTS - Rod Coupling
 02148 NUTS - Sealing
 02160 NUTS - Self-Aligning
 02169 NUTS - Self-Clinching
 02178 NUTS - Self-Locking, All Metal
 02211 NUTS - Self-Locking, Free Spinning
 02255 NUTS - Self-Locking, Insert Type
 02258 NUTS - Self-Piercing, Clinch
 02259 NUTS - Self-Sealing
 02261 NUTS - Self-Threading
 02264 NUTS - Slotted
 02268 NUTS - Snap In
 02273 NUTS - Spanner
 02275 NUTS - Spline Drive
 02277 NUTS - Square (Regular)
 02279 NUTS - Stainless
 02280 NUTS - T
 02281 NUTS - Tamperproof
 02294 NUTS - Tee Terminal
 02302 NUTS - Tensile Strength
 02307 NUTS - Thumb
 02315 NUTS - Torque Indicating
 02319 NUTS - 12 Point Flange
 02320 NUTS - 12 Point Flange Locking
 02322 NUTS - Washer Assemblies
 02322 NUTS - Weld
 02340 NUTS - Wheel
 02376 NUTS - Wing
 02378 NUTS - Wing, Low Profile
 02379 NUTS - Wing, Low Washer Base
 02380 NUTS - Wing With Nylon Inserts
 02381 NUTS - Wing With Washer Base
 02383 NUTS - Wiring
 02391 PIN - Alignment
 02400 PIN - Bed
 02410 PIN - Clevis
 02418 PIN - Clips, Hitch
 02421 PIN - Clips
 02427 PIN - Cotter
 02453 PIN - Dowel
 02470 PIN - Escutcheon

02497	PIN - Grooved	03705	SCREWS - Dowel	04689	WASHERS - Aluminum	40204	CORROSION PROTECTION - Mechanical
02520	PIN - Hardened	03707	SCREWS - Dry Wall	04690	WASHERS - Belleville	40206	CORROSION PROTECTION - Paints/Solid Film
02530	PIN - Hinge	03710	SCREWS - Extreme Temperature	04697	WASHERS - Beveled	40270	DIE MAKING & MAINTENANCE EQUIPMENT
02540	PIN - Knurled	03712	SCREWS - Fiberglass (Reinforced)	04708	WASHERS - Conical	40282	DIES - Bolt & Screw Head Forming
02550	PIN - Load Measuring	03713	SCREWS - Flange, 12 Point	04730	WASHERS - Crinkle	40286	DIES - Carbide, Bolt & Screw Forming Extruding
02560	PIN - Pull Dowel	03725	SCREWS - Gypsum Wall Board	04735	WASHERS - Galvanized	40326	DIES - Carbide Drawing
02574	PIN - Quick Release	03730	SCREWS - Hex	04740	WASHERS - Helical Spring	40327	DIES - Carbide Heading
02618	PIN - Radial Locking	03743	SCREWS - Hex Flange	04743	WASHERS - JIS	40329	DIES - Carbide Nail Tooling
02624	PIN - Spring, Slotted	03748	SCREWS - JIS	04745	WASHERS - Load Measuring	40331	DIES - Carbide, Wire Drawing
02630	PIN - Spring, Spirally Coiled	03751	SCREWS - Lag	04818	WASHERS - Lock, Single & Double Helical Spring	40333	DIES - Casings
02651	PIN - Spring, Spirally Wrapped	03764	SCREWS - Leveling	04863	WASHERS - Lock Toothed	40340	DIES - Cut Off
02653	PIN - Straight, Solid	03771	SCREWS - Load Measuring	04939	WASHERS - Metric	40344	DIES - Cut Off Carbide
02655	PIN - Taper, Plain	03773	SCREWS - Machine	04954	WASHERS - Non-Metallic	40347	DIES - Cut Off Knives
02657	PIN - Taper, Threaded	03775	SCREWS - Metric	04972	WASHERS - Plain/SAE	40355	DIES - Cut Off Steel
02658	PIN - Tension bushing	03779	SCREWS - Miniature	05016	WASHERS - Sealing	40360	DIES - Diamond
02659	PIN - Weld	03780	SCREWS - Multiple Lead	05020	WASHERS - Self-Locking	40365	DIES - Extrusion Pins
02661	QUICK OPERATING - Catches & Latches (Automatic Closing)	03781	SCREWS - Nonferrous	05049	WASHERS - Spring	40370	DIES - Forming Hammers
02663	QUICK OPERATING - Chassis Latches	03782	SCREWS - Particleboard (see Chipboard)	05060	WASHERS - Stainless	40375	DIES - Hammer Pins
02665	QUICK OPERATING - Friction Type	03783	SCREWS - Plastic	05072	WASHERS - Structural	40380	DIES - Kick Out Pins
02667	QUICK OPERATING - Hook Latches	03785	SCREWS - Post/Sex	05075	WASHERS - Tensile Strength	40385	DIES - Punch Holders
02669	QUICK OPERATING - Magnetic	03788	SCREWS - Recess Head, Phillips, Pozidriv, Etc.	05080	WIRE ROPE & FITTINGS	40390	DIES - Punches (All Kinds)
02671	QUICK OPERATING - Partial Turn	03802	SCREWS - Roofing	05200	ZINC DIE CASTING	40403	DIES - Punches, Bolt & Thread Forming
02673	QUICK OPERATING - Push Type	03827	SCREWS - Sealing	Materials, Wire, Rod, Bar & Strip		40447	DIES - Roll Forming
02675	QUICK OPERATING - Remote Operation	03850	SCREWS - Self-Drilling	20000	BAR - Alloy	40480	DIES - Sectional
02677	QUICK OPERATING - Rotary Locking	03860	SCREWS - Self-Locking	20002	BAR - Cold Drawn	40484	DIES - Segmented, Carbide (Hex Forming)
02679	QUICK OPERATING - Sliding Bolt Latches	03894	SCREWS - Self-Piercing	20009	BAR - Hot Rolled, Cold Heading Quality	40489	DIES - Segmented, Steel (Hex Forming)
02681	QUICK OPERATING - Sliding Pawl	03938	SCREWS - Self-Sealing	20020	BAR - Stainless	40493	DIES - Sleeves
02683	QUICK OPERATING - Snap-In Slide	03971	SCREWS - Self-Tapping	20030	ROD - Alloy	40524	DIES - Special Shapes
02685	QUICK OPERATING - Tension Latches	04015	SCREWS - SEMS, Screw/Washer Assembly	20042	ROD - Hot Rolled, Cold Heading Quality	40526	DIES - Specialty Coated
02687	RETAINERS - Cable	04059	SCREWS - Set	20062	ROD - Nonferrous	40535	DIES - Steel, Bolt, and Screw Forming Extruding
02689	RETAINERS - Tube	04092	SCREWS - Shoulder	20072	ROD - Scrapless Nut Quality	40543	DIES - Steel, Nail Tooling
02691	RETAINERS - Wire	04120	SCREWS - Six-Lobe Drive, External & Internal	20075	ROD - Stainless	40545	DIES - Steel, Nut Forming
02695	RETAINING RINGS - Axially Assembled	04136	SCREWS - Socket Head Cap	20086	STEEL - Bearing Speciality	40555	DIES - Swaging
02739	RETAINING RINGS - Circlips	04138	SCREWS - Socket Head Cap, Self-Locking	20120	STRIP - Carbon Steel	40568	DIES - Thread Cutting
02772	RETAINING RINGS - Friction Devices	04139	SCREWS - Spline Drive	20163	STRIP - Non-Ferrous	40578	DIES - Thread & Form Rolling, Circular
02816	RETAINING RINGS - Radially Assembled	04142	SCREWS - Stainless	20207	STRIP - Spring Steel	40591	DIES - Thread Rolling Cylindrical
02831	RETAINING RINGS - Stamped	04170	SCREWS - Tamperproof	20220	STRIP - Stainless Steel	40645	DIES - Thread Rolling Flat
02850	RETAINING RINGS - Wire Formed Retainers	04175	SCREWS - Thread Cutting	20243	WIRE - Aerospace Quality, Titanium, Etc.	40648	DIES - Thread Rolling Segmented Planetary
02888	RIVET NUTS	04213	SCREWS - Thread Forming	20265	WIRE - Alloy Steel, Various Kinds	40649	DIES - Transfer Fingers
02890	RIVETS - Aircraft (AN, MS, NAS)	04257	SCREWS - Thumb	20284	WIRE - Aluminum Cold Heading Quality	40650	DIES - Trimming
02893	RIVETS - Bifurcated, Split	04260	SCREWS - Tipped	20290	WIRE - Annealed	40651	DIES - Trim Punches
02937	RIVETS - Blind	04270	SCREWS - Torque Indicating	20328	WIRE - Brass, Cold Heading Quality	40652	DIES - Upset Hammers
02970	RIVETS - Bolt	04280	SCREWS - Twelve Point	20361	WIRE - Cold Heading Quality, Carbon Steel C-1008	40657	FEED ROLLS
02990	RIVETS - Brake Shoe & Clutch	04285	SCREWS - Vented	20405	WIRE - Cold Heading Quality, Carbon Steel C-1010	40659	FINISHES - Organic
03014	RIVETS - Compression	04290	SCREWS - Weld	20449	WIRE - Cold Heading Quality, Carbon Steel C-1018	40900	HEAD PAINTING
03058	RIVETS - Drive	04334	SCREWS - Wing	20473	WIRE - Cold Heading Quality, Carbon Steel C-1038	41010	HEAT TREATMENT
03135	RIVETS - Hollow Core	04378	SCREWS - Wood, Single Thread	20526	WIRE - Copper, Cold Heading Quality	41015	HEAT TREATMENT - Quench Media
03179	RIVETS - Insulated	04411	SCREWS - Wood, Twin Thread	20560	WIRE - Redrawn	41020	INKS
03256	RIVETS - Lockbolt	04412	SHIMS & SHIM STOCK	20603	WIRE - Semi-Finished, Cold Heading Quality	41020	INKS
03270	RIVETS - Metric	04413	SPACERS - Metal	20605	WIRE - Silicon Bronze, Cold Heading Quality	41041	LUBRICANTS - Cold Heading
03334	RIVETS - Petal Type	04416	SPACERS - Phenolic	20610	WIRE - Stainless Steel	41045	LUBRICANTS-Dry Film
03347	RIVETS - Plastic Molded	04420	SPACERS - Plastic	Manufacturing/Distribution Supplies & Service		41051	LUBRICANTS - Hot Heading
03358	RIVETS - Push In	04425	STANDOFFS - Metal	40001	ABRASIVES	41085	LUBRICANTS - In-Line Wire Drawing
03370	RIVETS - Sealing	04426	STANDOFFS - Phenolic	40008	ADHESIVES - Double Coated	41120	PACKAGING - Bagging of Fasteners
03377	RIVETS - Self-Piercing	04427	STANDOFFS - Plastic Molded	40010	ADHESIVES - Thread Locking	41129	PACKAGING - Bags
03420	RIVETS - Self-Sealing	04429	STAPLES	40020	BAR CODING EQUIPMENT	41132	PACKAGING - Bags, Plastic
03454	RIVETS - Semi-Tubular	04444	STAPLES - Customized	40035	CLEANING CHEMICALS	41145	PACKAGING - Bins
03472	RIVETS - Shoulder	04447	STRAIN RELIEFS & FITTINGS	40037	CNC Machining	41206	PACKAGING - Blister Type
03498	RIVETS - Solid	04450	STRUT - Strut Fittings, Springnuts, Pipe & Beam Clamps	40040	COATING SYSTEMS - Tic	41240	PACKAGING - Boxes
03518	RIVETS - Split	04455	STUDS - All Thread	40041	COATING SYSTEMS - Tin	41260	PACKAGING - Cabinets
03531	RIVETS - Tubular	04499	STUDS - Ball	40042	COATING SYSTEMS - Tx-1	41283	PACKAGING - Cartons
03538	ROD ENDS - Spherical	04500	STUDS - Bolt	40043	COATING SYSTEMS - Ion Implantation	41288	PACKAGING - Concepts
03539	ROD - Keystock-Low Carbon	04502	STUDS - Collar	40044	COATING SYSTEMS - Ion Nitriding	41293	PACKAGING - Drawers
03540	ROD - Keystock-Metric	04505	STUDS - Continuous Thread	40045	COATINGS - Fluoropolymer	41298	PACKAGING - Fiberboard
03541	ROD - Keystock-Stainless	04507	STUDS - Double End	40046	COATING SYSTEMS - Salt Bath Nitriding	41310	PACKAGING - Labels
03542	ROD - Threaded	04511	STUDS - Expansion Base	40080	COATINGS - Ion Carburizing	41332	PACKAGING - Poly Bags
03553	ROD - Threaded, Alloy	04515	STUDS - Load Measuring	40084	COATINGS - Nail, Phenolic, & Epoxy Base	41337	PACKAGING - Twist Ties
03562	ROD - Threaded, Metric	04518	STUDS - Metric	40090	COATINGS - Powder Painting	41347	PERSONAL PROTECTION - Hearing Protection
03570	ROD - Threaded, Stainless	04519	STUDS - Molded In	40128	COMPOUNDS - Anti-Corrosion	41520	PLATING
03572	ROD - Turnbuckle	04520	STUDS - Nonferrous	40138	COMPOUNDS - Brazing/Soldering Paste	41695	RACKS - Storage
03573	SCREWS - Acme	04521	STUDS - Pressed In	40161	COMPOUNDS - Coating, All Types	41705	RUST PREVENTATIVES - Waterborne
03575	SCREWS - Aircraft (AN,MS,NAS)	04523	STUDS - Pressure Temperature Piping	40163	COMPOUNDS - Corrosion Preventative	41715	RUST & SCALE - Removers
03599	SCREWS - Aluminum	04524	STUDS - Projection Weld	40166	COMPOUNDS - Diamond Powder	41723	SAFETY EQUIPMENT - Clothing, Gloves, Goggles, Etc.
03605	SCREWS - Bi-Metal Self Drill	04525	STUDS - Self-Locking	40200	CORROSION PROTECTION - Dip Spin	41727	SECONDARY OPERATIONS
03610	SCREWS - Brass	04528	STUDS - Self-Piercing	40202	CORROSION PROTECTION - Electroplating	41730	SERVICE - Fastener Inventory Exchange
03619	SCREWS - Cap, Non-Locking	04532	STUDS - Shank			41740	TAPS - Thread Cutting
03652	SCREWS - Cap, Self-Locking	04535	STUDS - Single End			41760	TESTING - Chemical
03670	SCREWS - Captive	04548	STUDS - Snap In			41761	TESTING - Destructive
03696	SCREWS - Chipboard	04558	STUDS - Tap End			41762	TESTING - Dimensional Inspection
03700	SCREWS - Concrete & Masonry	04615	STUDS - Weld			41763	TESTING - Failure Analysis
03702	SCREWS - Deck	04620	STUDS - Wheel				
03703	SCREWS - Decorative	04630	TERMINAL - Connectors				
		04650	TURNBUCKLES				

41764 TESTING - Metallurgical
 41765 TESTING - Mechanical
 41766 TESTING - Non Destructive
 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 And Fingers
 42217 TOOLING - Die Cases
 42218 TOOLING - Dies, Trim
 42219 TOOLING - Feed Rolls
 42220 TOOLING - Finger Holders
 42221 TOOLING - Finger Posts, Non-Rotating
 42222 TOOLING - Finger Transfer
 42223 TOOLING - Grips, Transfer
 42224 TOOLING - Grips, Wedge Lock
 42226 TOOLING - Heading Punches (Upsetting, Head Forming, 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 - Plasma Spray
 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
 60270 COATING SYSTEMS
 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 AND 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
 61012 FURNACES - Annealing
 61014 FURNACES - Annealing Accessories
 61016 FURNACES - Annealing, Gas
 61018 FURNACES - Annealing, Hardening, Tempering
 61020 FURNACES - Continuous Annealing
 61021 FURNACES - Continuous Case Hardening
 61022 FURNACES - Controlled Atmosphere
 61024 FURNACES - Electric
 61025 FURNACES - Gas Fired Rapid Heating
 61026 FURNACES - Heat Treating
 61028 FURNACES - Induction
 61029 FURNACES - Induction Heat 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
 61052 GAGES - Thread
 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
 61268 INSPECTION - Laser
 61274 INSPECTION - Optical
 61275 INSPECTION - Systems
 61276 INSTRUMENTATION - Impact Test
 61281 LOCK WASHER
 61325 MARKING METAL
 61350 MATERIAL HANDLING - Fasteners & Finished Products
 61360 MATERIAL HANDLING - Wire, Rod & Bar
 61369 MATERIALS HANDLING - Systems, Floor
 61402 MATERIALS HANDLING - Systems, Overhead
 61412 MEASUREMENT SYSTEM - Coating Thickness
 61422 MEASURING INSTRUMENTS - Plating & Coating
 61432 MICROPROCESSORS - In-Process Control
 61442 MIST & SMOKE ELIMINATORS
 61446 NAIL & TACKS
 61480 NAIL - Cleaning & Packing
 61523 NAIL HEADING
 61567 NAIL THREADING ROLLS
 61570 NUT DRILLING
 61644 NUT FORMING - Cold

61689 NUT FORMING - Hot
 61721 NUT- Self-Locking Element Assembly, Nylon & Metal
 61742 NUT SLOTTING
 61765 NUT SPLITTERS
 61809 NUT TRIMMING, CHAMFERING, TAPPINGS
 61810 OVENS - Annealing
 61812 OVENS - Rod Baking
 61813 PACKAGING - Form, Fill, and Seal Machines
 61814 PACKAGING - Systems
 61815 PACKAGING - Tubular Bagging Machines
 61817 PASSIVATION
 61818 PAYOFF EQUIPMENT
 61820 PINCH POINTING
 61828 PLATING PLANT
 61836 PLATING - Rack Accessories
 61842 PLATING SYSTEMS
 61864 POINTERS
 61886 PORTABLE WIRE STRAIGHTENERS
 61890 PRECIPITATORS - Electrostatic
 61891 PROCESS CONTROL
 61892 PROCESS MONITORING
 61894 PROCESSES - Heat Treatment
 61902 PROCESSES - Inspection, Quality Control
 61906 PROCESSES - Plating
 61910 PROCESSES - Plating Services
 61914 PROCESSES - Special Machinery
 61963 PROGRESSIVE HEADERS, MULTISTATION
 61985 REBUILDING SERVICES
 62007 REDRAWING WIRE FOR COLD HEADING
 62040 RIVET MAKING
 62050 RIVET SETTING
 62070 ROBOT - Parts Washing
 62072 ROBOT - Tending Material Handling
 62074 ROBOT - Tending Metal Forming Operation
 62076 ROBOT - Tending Metal Working Machine
 62078 ROBOT - Tending Packaging Operation
 62080 ROBOT - Tending Palletizing
 62082 ROBOT - Tending Stacking & Destacking
 62084 ROBOT - Tending Tool Handling
 62100 ROD & BAR SHEARS
 62110 ROD HEADING
 62130 ROD WELDING
 62135 SAMPLE PREPARATION
 62141 SAWS
 62151 SCALES - Industrial
 62156 SCREW HEAD SLOTTING
 62161 SCREW MAKING
 62181 SCREW & WASHER ASSEMBLY
 62185 SECONDARY MACHINING
 62190 SEPARATORS - Alloy
 62249 SHANK SLOTTING - Nylon Insert
 62250 SORTING
 62251 SOUND ENCLOSURES
 62252 SPECIAL
 62300 SPLASH & CHIP CONTAINMENT CABINETS
 62326 STAPLE MAKING
 62340 STRAIGHTENING & CUT OFF
 62346 SYSTEMS - Conveyor
 62348 SYSTEMS - Employee Training
 62352 SYSTEMS - Environmental Control
 62354 SYSTEMS - High Frequency Hardening
 62356 SYSTEMS - Lubricating
 62358 SYSTEMS - Manufacturing Control & Information
 62359 SYSTEMS - Small Parts Handling
 62360 TAPPING
 62406 TAPPING - Nut
 62408 TEST EQUIPMENT - Destructive
 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
 62447 THREAD CUTTING
 62480 THREAD GRINDING
 62568 THREAD ROLLING
 62570 TREATMENT - Metal Coating
 62580 TREATMENT - Surface
 62601 U BOLT - Machine
 62689 ULTRASONIC CLEANING
 62722 USED & RECONDITIONED
 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-Washers, 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
 70055 COLLATING MACHINES - Nails & Screws
 70060 COMPOUNDS - Anti-Seize
 70070 CONTROLS - Automatic Assembly
 70080 CONTROLS - Programming
 70090 CONTROLS - Vibratory Feeder
 70100 CONVEYOR SYSTEMS
 70105 CRIMPING TOOLS & FITTINGS
 70107 DRILL MOTORS
 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, Spline 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
 70240 HAND TOOLS - Wrenches 12 Point
 70250 HOPPERS
 70260 IMPACT WRENCHES
 70270 LOAD CELLS
 70280 PARTS STORAGE & RETRIEVAL SYSTEMS
 70290 PICK & PLACE DEVICES
 70300 POSITIONERS - Parts
 70310 POWER TOOLS - Accessories
 70320 POWER TOOLS - Air Driven
 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 TOOLS - Riveter Machine,

Single & Multiple Head	70560 RIVETERS - Drill-Type
70430 POWER TOOLS - Riveters Portable	70570 RIVETERS - Multiple
70440 POWER TOOLS - Rotary Hammer	70580 RIVETERS - Orbital/Radial
Drills	70590 RIVETERS - Punch-Type
70450 POWER TOOLS - Screwdrivers, Single	70600 RIVETERS - Snap-Type
& Multiple	70610 RIVETERS - Special
70467 POWER TOOLS - Tensioners Stud	70620 RIVETING TOOL SETS
70468 POWER TOOLS - Testing	70630 ROBOTS - Industrial
70470 POWER TOOLS - Torque Control	70640 ROBOTS - Tending Assembly Function
Electronic Units	70650 STAKING, PRESS, EYELETS
70480 POWER TOOLS - Wrenches Impact	70660 THREAD LUBRICANTS &
70490 PRESSES - For Assembly	COMPOUNDS
70500 PRESSES - For Crimping	70670 WORKSTATIONS
70510 RETRIEVING TOOLS	
70520 RIVET ASSEMBLY	
70530 RIVETERS - Automatic	
70540 RIVETERS - Bench & Pedestal	
70550 RIVETERS - Compression	

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