

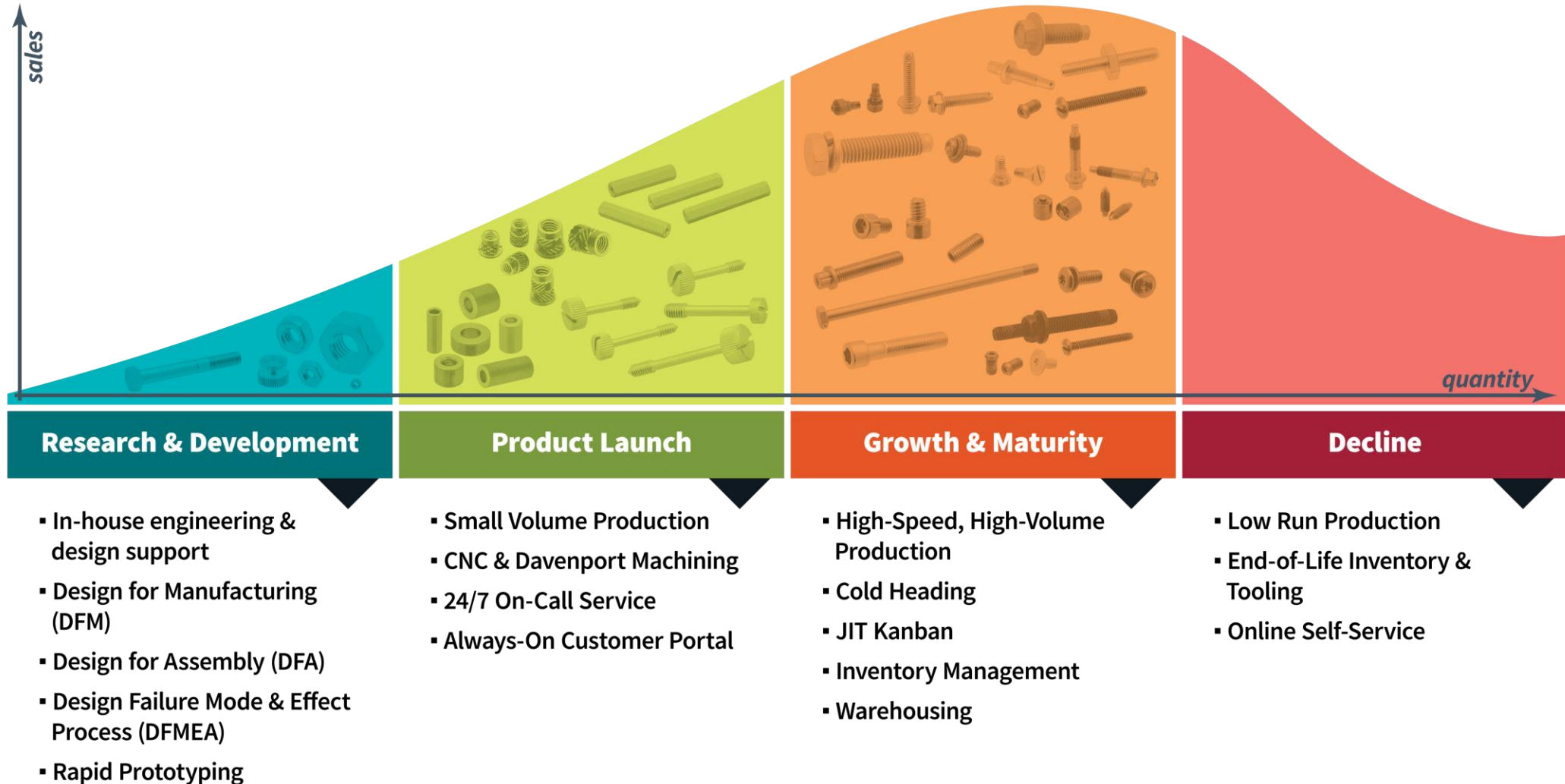
Precision Machined & Cold Headed Fasteners

- Wide variety of stock and custom fasteners, to any volume
- Industry-specific NAS fasteners
- ISO 9001 & AS9100 certified

➤ **Your comprehensive
solution for
precision machined
and cold headed
fasteners, from
design optimization
to production**



Expertise & Support At Any Point In Your Product's Lifecycle





Extensive Network Of Fasteners Locations



Accurate Screw Machine



Allstar Fasteners



Hi-Performance



Holbrook Manufacturing



Ideal Fasteners



Leland Powell Fasteners



Ohio Rod Products



Quality Bolt & Screw



RAF Electronic Hardware



Rockford Fastener



Telefast Industries

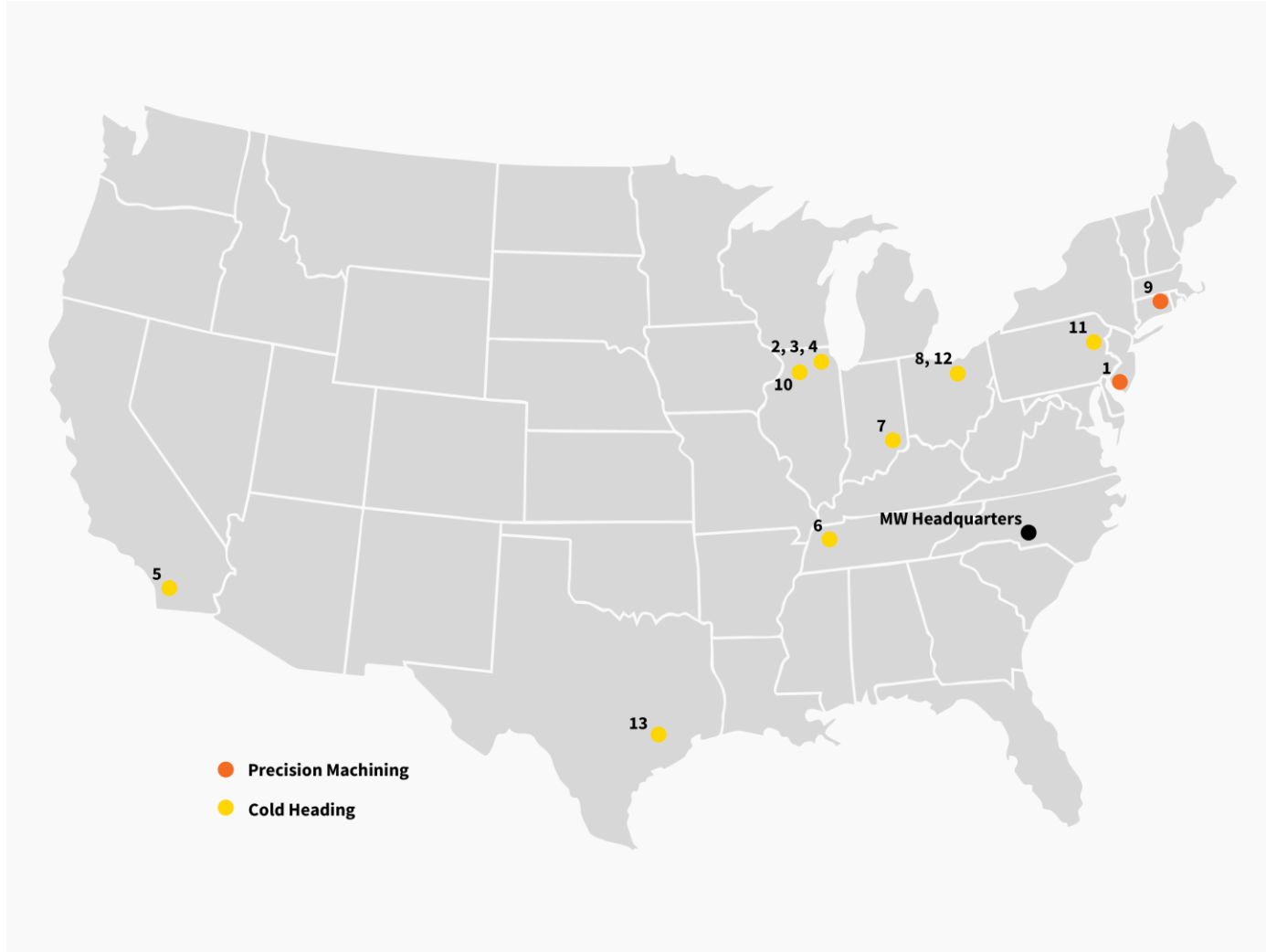


Sussex Wire



USA Fastener

Fasteners Manufacturing Locations



MW Components offers one of the world's largest ranges of precision machined and cold headed fasteners through our extensive network of fasteners locations across the US.

1. Accurate Screw Machine
2. Allstar Fasteners
3. Hi-Performance
4. Holbrook Manufacturing*
5. Ideal Fasteners
6. Leland Powell Fasteners*
7. Ohio Rod Products*
8. Quality Bolt & Screw*
9. RAF Electronic Hardware
10. Rockford Fastener*
11. Sussex Wire
12. Telefast Industries*
13. USA Fastener

* Added Through Elgin Fastener Group Acquisition

➤ The World's Largest Range of Precision Components



1. Accurate Screw Machine
2. Allstar Fasteners
3. Ameriflex
4. BellowsTech
5. Capital Spring
6. Century Spring
7. Engineered Spring Products
8. Fox Valley Spring
9. Helical Products
10. Hi-Performance
11. Holbrook Manufacturing*
12. Ideal Fasteners
13. Leland Powell Fasteners*
14. Maryland Precision Spring
15. Matthew Warren Spring
16. Maudlin
17. MW Components: Greer
18. Northern Wire*
19. Ohio Rod Products*
20. Pontotoc Springs
21. Quality Bolt & Screw*
22. RAF Electronic Hardware
23. Rockford Fastener*
24. Servometer
25. Springmasters
26. Sussex Wire
27. Telefast Industries*
28. Western Wire Products
29. USA Fastener

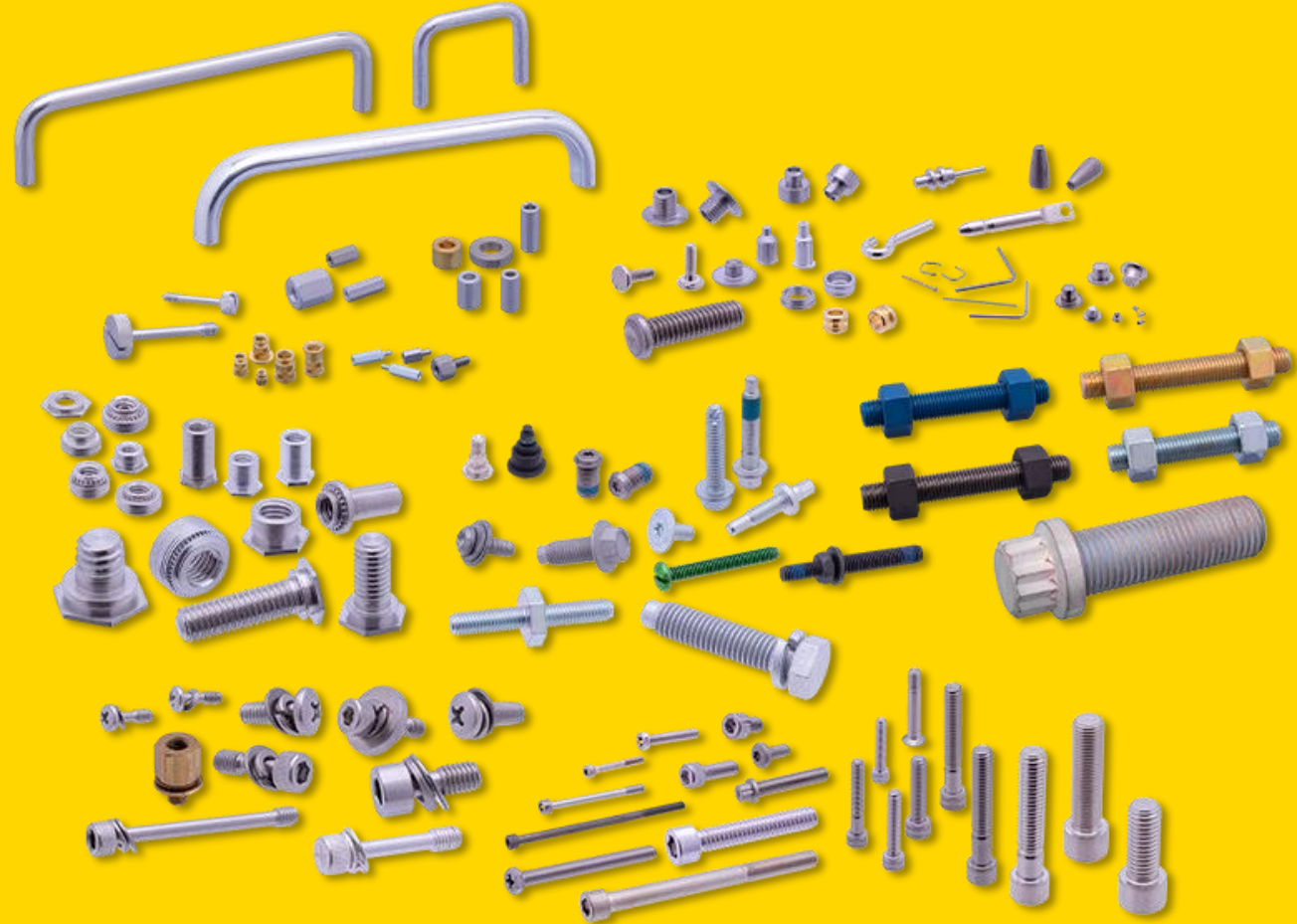
* Added Through Elgin Fastener Group Acquisition

Elgin Fastener Group Capabilities At A Glance

	Holbrook Manufacturing	Telefast Industries	Quality Bolt & Screw	Leland Powell Fasteners	Rockford Fastener	Ohio Rod Products
	Cold Formed Products					Specialty
Bolts	✓		✓	✓	✓	✓
Long Rods						✓
Nuts		✓				
Rivets			✓	✓	✓	✓
Screws	✓		✓	✓	✓	
Studs & Pins	✓		✓	✓	✓	✓
Wire Forms						✓

➤ Stock & Custom Parts Delivered When & Where You Need Them

- Stock Parts Ship Same Day
- Custom Parts Ship Within 1 Week
- Metric & Standard Sizes
- Large Selection of Heads, Threads, Lengths, ID's & OD's
- High & Low Volumes
- Quality Certifications Including ISO 9001, AS9100



Stock & Custom Products

We manufacture a wide variety high-quality fasteners and metal components, at high and low volumes, in a range of sizes and alloys.



Screws & Screw
Assemblies (SEMs)



Bushings / Spacers



Threaded Inserts



Standoffs



Washers



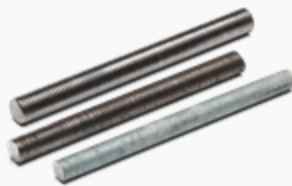
API B7 Studs & Nuts



NAS / MS Fasteners



Studs



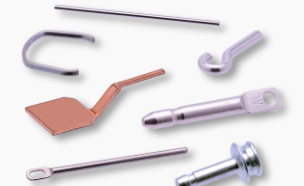
All Thread Rods



Nuts



Retainers



Wire Forms & Pins



Handles / Ferrules



Locking Fasteners



Rivets



Bolts



Licensed Products



Micro Components

➤ Licensed Products

Drive Types



TORX®, TORX PLUS®, ACR
PHILLIPS II®, PHILLIPS
SQUAR-DRIV®

Thread Technology



LO-DRIV®, TAPTITE II®,
DUO-TAPTITE®, PLASTITE®,
REMFORM II®, FASTITE®

Starting Technology



TRU-START®, MATpoint®,
MAThread®

➤ Custom / Specialty Fasteners

High-precision Custom Manufacturing To Meet Tight Tolerances

We provide custom print-to-part manufacturing using our state-of-the-art equipment, which allows for the machining of specialty materials and tight tolerances to create precisely the specialty fastener you need.

- Expert Design Support
- Cad-on-demand, 3D Images & Drawings
- Prototyping & Rapid Prototyping
- Standard, Exotic & Specialty Materials
- Finishing Services
- Print-to-part Typically In 1 Week Or Less



➤ In-House Engineering Services & Production Processes

In-house Tooling And CNC-controlled Processes To Deliver Parts To Exacting Tolerances, Every Time

Our experienced team of experts works with you to create, refine, and optimize designs to your specific tolerances, performance requirements, and use cases.



Engineering Services Include:

- CAD Modeling
- Rapid Prototyping
- Fatigue Testing
- Metallurgy
- Performance Analysis
- CAE Analysis
- 3D Printing
- Corrosion Analysis & More

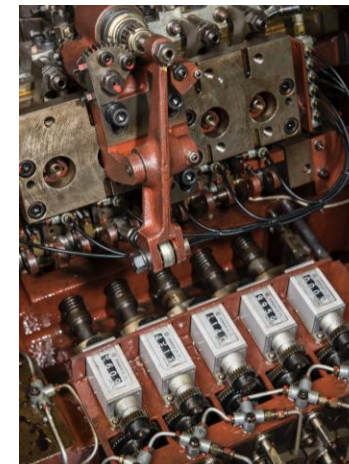
Production Processes Include:

- Cold Heading / Cold Forming
- Thread Rolling
- SEMS Rolling
- Head & Shank Slotting
- Trimming
- Heat Treatment
- Hardening
- Annealing & More

➤ Cold Heading

Meet Critical Functional Specifications Without Compromise To Design For Manufacture (DFM), Design For Assembly (DFA), Quality And Cost

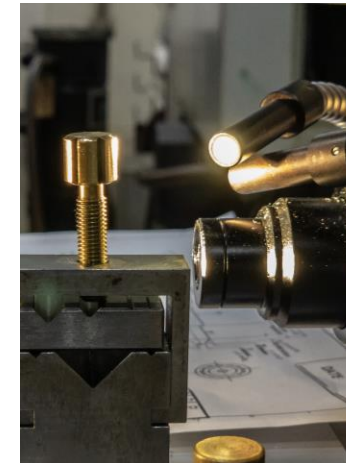
- Produces 90-300 Parts/Minute
- Up To 70% Cost Reduction With Low To No Scrap
- Average Time To Market, Approximately 12 Weeks
- Efficient At High Runs In The Millions Of Pieces
- Ideal For Small Metal Parts, Including Micro Electronic Components, Micro Contacts & More



Machining

Get Precision-machined Parts Tailored To Your Needs, Meeting High Strength, High Quality, And Precision Tolerance Specifications

- Produces 30-40 Parts/Minute
- Zero To Low Upfront Tooling Cost
- Rapid Time To Market, Less Than 4 Weeks
- Efficient Runs Under 100,000 Pieces
- Prototyping Capabilities - Delivery In Less Than 1 Week



Quality Certifications

Get The Quality You Demand

Our commitment to quality runs throughout our facilities which are accredited across multiple quality management systems.



- ISO 9001
- AS9100D
- ITAR
- IATF 16949
- MIL-I-45208A
- MIL-STD-45622
- MIL-C-39029
- QSLM Class 2 & 3
- NADCAP Accredited
- ANAB Accredited
- REACH Compliant
- RoHS Compliant
- DFARS Compliant
- AMS Compliant
- FQA Compliant
- NIST Traceability
- API 14 A&D
- Prop65 Compliant

➤ Broad Industry Experience



- Aerospace
- Agriculture
- Automotive
- Electronics
- Heavy Construction
- Energy, Oil & Gas
- Heavy Truck & Bus
- Medical
- Defense
- Motorsports & Racing
- Power Tools
- Transportation
- Valves
- Semiconductor
- Consumer Goods

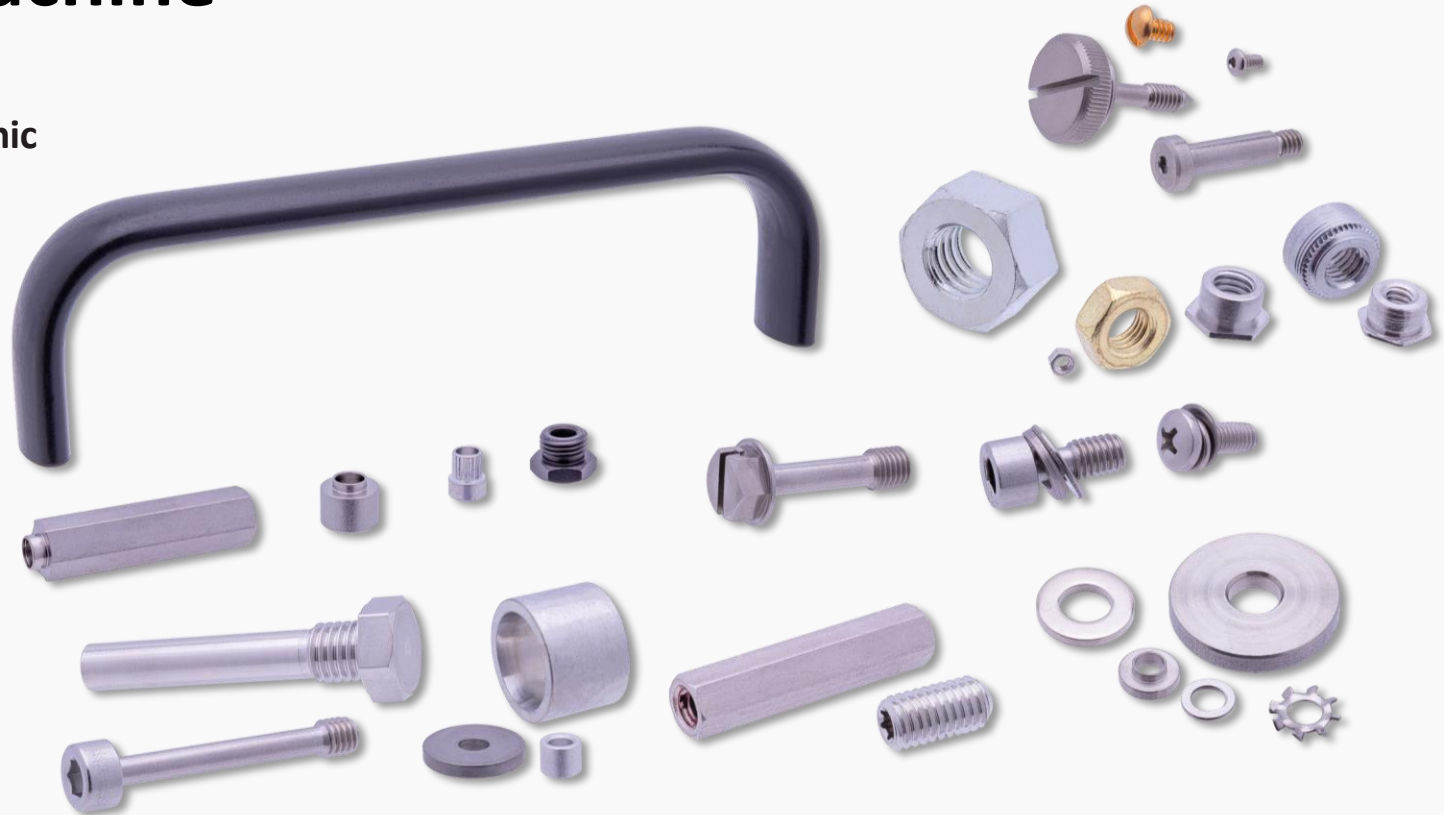


Fastener Products & Capabilities By Location

➤ Accurate Screw Machine

Your #1 Source for Fasteners, Electronic Hardware, and Custom Parts

- Quote Turnaround in 24hrs
- Stock Parts Ship Same Day
- Flexible Minimum Order Quantities
- Fast Delivery Of Custom Parts
- CNC Precision Machining
- ISO 9001 & AS9100 Certified

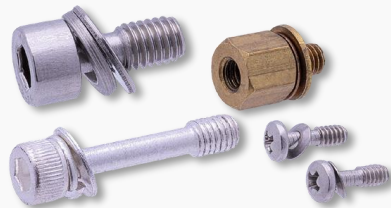


➤ Accurate Screw Machine Products

Screws



Captive Screws & Assemblies



Bushings / Spacers



Standoffs



Locking Fasteners



Washers



Nuts



Handles

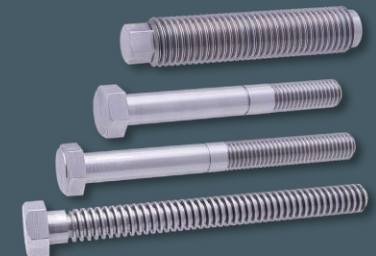


Custom / Precision Machined



Custom Machining

Speed and precision matter. Accurate Screw Machine's precision fastener components are tailored to your specific needs with fast delivery, including custom screws.





Accurate Screw Machine Process Capabilities

Diameters	• Available in all types of diameters both US and Metric	
Lengths	• Available in all types of lengths both US and Metric	
Materials	• A286, Stainless Steel-all grades, Al, Brass, Nickel, Super Alloys, Cu, Steel (Carbon & Alloy), Exotics, Plastics	
Threads	• Customizable to all machined thread sizes both US and Metric	
Finishes	• Passivation • Anodized	• Black Ox • Chem-Film
Plating	• Cadmium • Chromium • Nickel	• Silver • Tin • Zinc
Locking Devices	• Patch & Vibra-Tite (internal/external) • Pellet	• Strip
Manufacturing Processes	• CNC Screw Machining • Mill/Turn • Tapping	• Sawing • Center-less Grinding
Additional Processes	• NADCAP • Heat Treat	• Assembly
Certifications	• AS9100D • ISO 9001:2015 • ITAR • DFARS	• REACH • RoHSCage Code: 51506 • Unique Entity ID (UEI): Available on SAM.gov

Markets Served

- Aerospace
- Electronics
- Department of Defense
- Industrial
- Commercial

Get In Touch

To order stock or custom parts, visit accuratescrew.com or contact us at 973.244.9200 | sales@accuratescrew.com

Allstar Fasteners

Your Choice for Stock & Custom Cold Headed Fasteners

- Fast Delivery Of Stock & Custom Parts
- Large Selection Of Drive Styles & Thread Types
- Flexible Minimum Order Quantities
- Stock & Release Programs
- ISO 9001 Certified



Allstar Products

Sheet Metal/Self Tapping Products



Machine Screws



Thread Cutting Products



Thread Forming Products



Shoulder Screws



Trimmed Head & T-Bolts



Locking Patches & Adhesives



Knurled & Ribbed Products



Tamper Resistant Products



SEMs & Washer Assemblies



Serrated Products



Socket Products



Allstar Fasteners Process Capabilities

Diameters	<ul style="list-style-type: none"> Standard: #1 – 3/8" Metric: M2 – M10
Lengths	<ul style="list-style-type: none"> Standard: 1/8" – 3-1/4" Metric: 3mm - 83mm
Materials	<ul style="list-style-type: none"> Steel - 1008, 1010, 1016, 1018, 10B21, 1022, 1038, Stainless Steel – 302, 316, 410, 430, Brass, Silicon Bronze, Aluminum, Copper
Head Styles	<ul style="list-style-type: none"> Pan, Flat, Flat U/C, 100° Flat, 90° Flat, Round, Truss, Indented Hex, Indented Hex Washer, Trimmed Hex, Button, Binder, Binder U/C, Oval, Oval U/C, 100° Oval, 90° Oval, Indented Square, Trimmed Square, Custom Design
Drive Styles	<ul style="list-style-type: none"> Phillips (I), Pozi (1a), Frearson (II), Six Lobe, Torx, Six Lobe Plus, Torx Plus, Six Lobe w/ Pin, Torx w/ Pin, One-Way Slotted, Triwing, Square, and any combination of the above drives
Manufacturing Processes	<ul style="list-style-type: none"> Heading Threading Head Slotting Shaving Trimming Pinch Pointing Centerless Grinding Drilling & Tapping Electronic Sorting Roll Sorting Kitting
Additional Services	<ul style="list-style-type: none"> Heat Treating/Annealing Electroplating Coating Painting Patching
Certifications	<ul style="list-style-type: none"> ISO 9001 RoHS Compliant REACH Compliant Prop65 Compliant Conflict Minerals DFARs- as requested PPAP and ISIR - as requested Stock & Release Programs / Vendor Managed Inventory Available

Markets Served

- Agriculture
- Electronics
- Heavy Trucks & Bus
- Automotive
- Heavy Construction
- Power Tools

Get In Touch

To order stock or custom parts, visit
AllStarFasteners.com or
 contact us at 847.640.7827 |
allstarsales@iwic.net

➤ Hi-Performance

Specialty Cold Headed Fasteners and Assemblies

- Licensed MATHread®, Phillips II® Drive Systems & TORX® Drive Systems Supplier
- Multi-Die & SEMs Products
- Quick Quote Turnaround
- Fast Delivery Of Custom Parts
- ISO 9001 Certified



Hi-Performance Products

Licensed MATHread® Supplier



Licensed Phillips II® Drive Systems



Licensed TORX® Drive Systems



SEMs Products



Multi-Die Products



Weld Screws & Weld Pins



Thread Forming Products – Plastics



Solid Body Rivets



Thread-Locking Products



Tri-Lobular Thread Forming
Products - Metals



Custom Engineered Products



Hi- Performance Process Capabilities

Diameters	<ul style="list-style-type: none"> Metric: M2.2 - M12 American: #2 - 1/2"
Lengths	<ul style="list-style-type: none"> Metric: 6mm - 100mm American: 0.250" - 4.00"
Materials	<ul style="list-style-type: none"> Carbon Steel: 1010 1018, 10B21, 1022, 10B30, 1035, 1038, 1524, 1541 Alloy Steel: 4037, 4140 Stainless Steel: 302, 304, 316, 410, 430, A286 Specialty: Brass, Silicon Bronze, Aluminum, Copper
Manufacturing Process	<ul style="list-style-type: none"> Heading (Single & Multi-Die) Rolling (SEMs & Non-SEMs) Roll Forming Slotting (Shank & Head) Trimming Shaving Grinding Pointing Drilling Tapping Turning Broaching Burnishing
Sorting	<ul style="list-style-type: none"> Camera Systems Optic Systems Eddy-Current Technology Mechanical Roller Manual
Additional Processes	<ul style="list-style-type: none"> Heat Treating (Neutral/Through, Case, Induction) Platings (Electroplate, Mechanical) Coatings/Paints (Conversion, E-Coat, Dip-Spin) Adhesives Patches Thread Sealers Retention Features & Designs Over-Mold Designs Component Assemblies
Certifications	<ul style="list-style-type: none"> ISO 9001: 2015 ITAR

Markets Served

- Agriculture
- Appliances
- Construction
- Consumer Electronics
- Consumer Products
- Distribution
- Heavy Truck
- Tiered Automotive
- Industrial
- Lawn & Garden
- Off-Road & Emergency Vehicles
- Oil, Gas, & Energy

Get In Touch

To order stock or custom parts, visit MWComponents.com/Hi-Performance or contact us at 630.860.7766 | hpssales@mwcomponents.com

Ideal Fasteners

Delivering Quality, Reliability & Service For Over 50 Years

- Licensed Manufacturer Of TORX®, TORX Plus®, & TORQ-SET®
- NAS / MS Fasteners
- Fast Delivery Of Standard Stock & Custom Parts
- High Volume Capabilities
- ISO 9001, AS9100 & QSLM Certified



Ideal Fasteners Process Capabilities

Diameters	<ul style="list-style-type: none"> • 00-90 Diameter to ½ (.500) Diameter • M1.0 to M12 Diameter
Lengths	<ul style="list-style-type: none"> • #0 - #1 Diameter (up to 1.5 inch) • #2 - #3 Diameter (up to 3 inch) • #4 - ¼ Diameter (up to 7 inch) • 5/16 - ½ Diameter (up to 4 inch) • M1.0- M2.0 (up to 38 mm) • M2.2 - M2.5 (up to 76 mm) • M3 - M6 (up to 175 mm) • M8 - M12 (up to 100 mm)
Materials	<div>Stainless Steel</div> <ul style="list-style-type: none"> • 302hq (UNS S30430)/S30433 • 316/316L (UNSS31600/S31603) • 304/304L (UNS S30400/S30403) <div>Alloy Steel</div> <ul style="list-style-type: none"> • 8740 (UNS G87400) • 4037 (UNS G40370)
Specialty Materials	<ul style="list-style-type: none"> • 410 (UNS S41000) • A286 (UNS S66286) • Monet 400 / K500 (UNSN04400/N05500) • 17.4PH (UNS 17400) • Aluminum 2024 / 6061 / 7075 • Brass (70/30) • Inconel 718 (UNS N07718)
Manufacturing Services	<ul style="list-style-type: none"> • Machining • Cold Forming • Coatings & Surface Treatments • Component Sourcing & Supply • Performance Analysis & Testing • Quick Turnaround Service/JIT Delivery • Prototyping & Rapid Prototyping • Drilling • Mag Partical/Magnafluxing • Laser Engraving
Certifications	<ul style="list-style-type: none"> • AS9100D • ISO 9001 • NADCAP Accredited • QSLM Class 2&3 • FQA Compliant • ANAB Accredited

Markets Served

- Aerospace
- Defense
- Medical
- Commercial

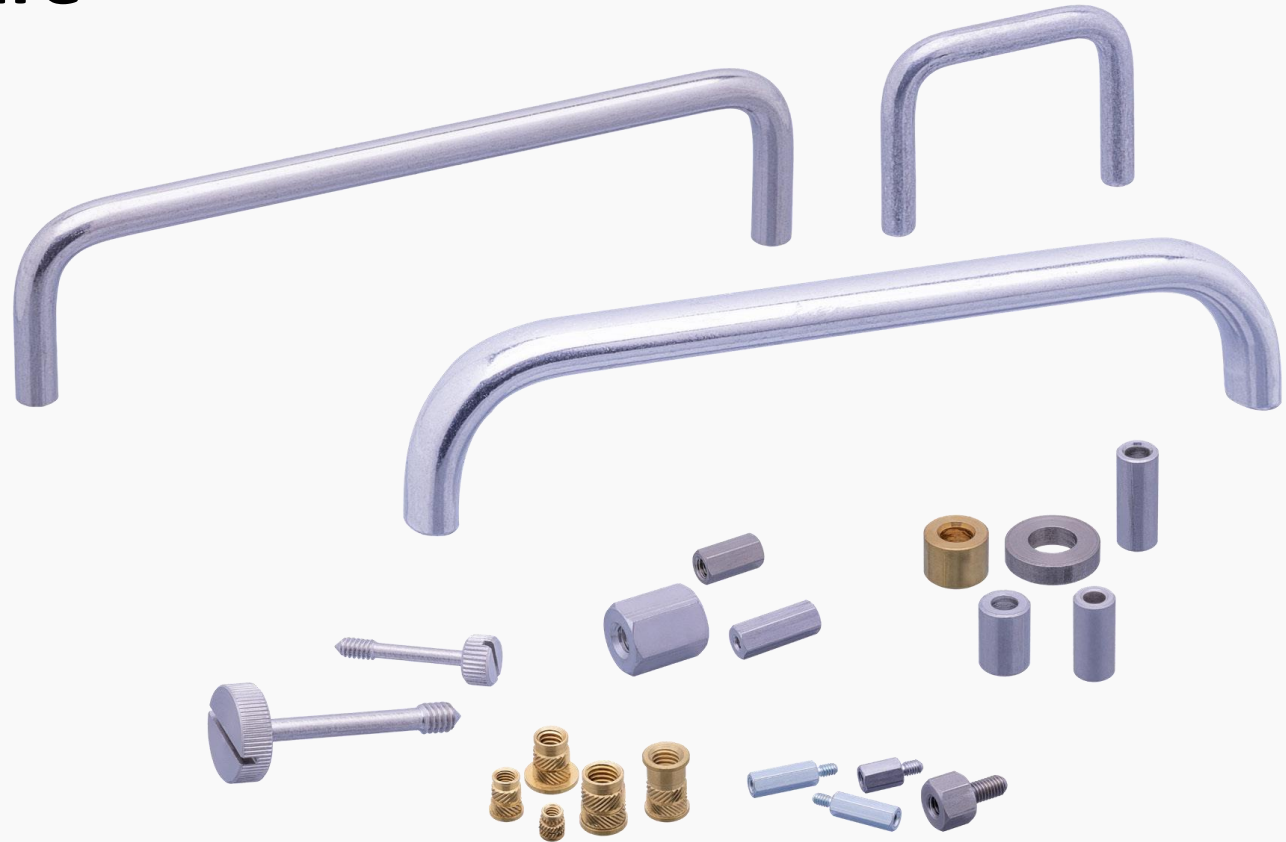
Get In Touch

To order stock or custom parts, visit idealfasteners.com or contact us at 714.630.7840 | sales@mwcomponents.com

➤ RAF Electronic Hardware

Electronic Hardware & CNC Precision Turned Components

- Stock Parts Ship Same Day
- Fast Delivery Of Custom Parts
- NAS Fasteners & Hardware
- Small Minimum Order Quantities
- High Volume Capabilities
- ISO 9001 Certified



▶ RAF Electronic Hardware Products

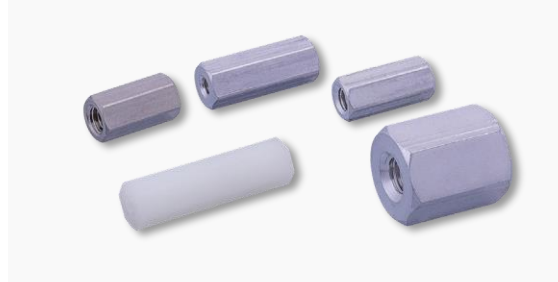
Captive Panel Screws



Spacers



Standoffs



Jack Screws



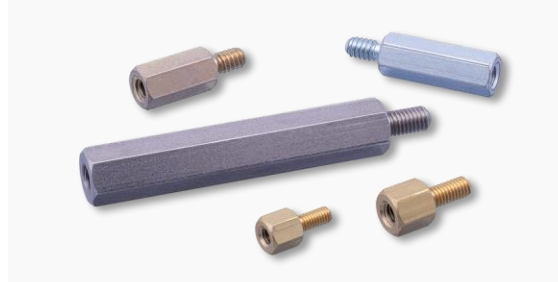
Precision Shoulder Screws



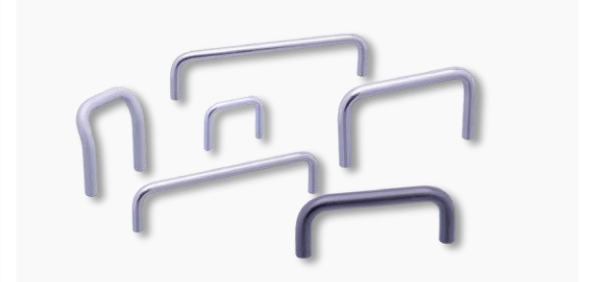
Thumb Screws



Male-Female Standoffs



Handles & Ferrules



Threaded Inserts



NAS Fasteners



CNC Precision Machined Parts



Custom Design Products





RAF Electronic Hardware Process Capabilities

Diameters	<ul style="list-style-type: none">• Stock Parts in US and Metric. Custom parts .020 – 1"	
Lengths	<ul style="list-style-type: none">• Stock Parts in US and Metric. Custom Parts up to 4"	
Materials	<ul style="list-style-type: none">• A286, Stainless Steels, Aluminum, Brass, High Nickel Alloys, Super Alloys, Beryllium Copper, Steel, Exotics Alloys, Nylon, Delrin, Ultem, Plastics, Titanium	
Threads	<ul style="list-style-type: none">• Customizable to all machined thread sizes both US and Metric	
Finishes And Platings	<ul style="list-style-type: none">• 48 Finishes Available• Passivation• Anodized• Cadmium• Chromium• Nickel	<ul style="list-style-type: none">• Nickel• Brushed Finishes• Tin• Zinc• Black Ox• Chem-Film
Locking Devices	<ul style="list-style-type: none">• ND Patch• ND Vibra-Tite• ND Pell-It	<ul style="list-style-type: none">• 360 Ring Patch• Microspheres• Custom Applications
Manufacturing Processes	<ul style="list-style-type: none">• CNC Machining• CNC Swiss Turn• Tapping	<ul style="list-style-type: none">• Multi Spindle Automatics• Assembly• Micro Machining
Additional Processes	<ul style="list-style-type: none">• In House Plating• Heat Treat	<ul style="list-style-type: none">• Secondary Operations• Knurling
Certifications	<ul style="list-style-type: none">• ISO 9001:2015• ITAR• DFARS	<ul style="list-style-type: none">• REACH• RoHS• MIL-I-45208A

Markets Served

- Electronics
- Commercial
- Hardware
- Defense/Aero
- Fiber Optics
- RF/Microwave
- Medical

Get In Touch

To order stock or custom parts, visit rafhdwe.com or contact us at 203.888.2133 | info@rafhdwe.com

Sussex Wire

High-Precision Standard & Custom Micro Components

- Highly Engineered, Specialty Metal Parts And Components
- Fast Delivery Of Custom Parts
- Production Runs Up To 500+ Million Components
- JIT Kanban Inventory Management Capabilities
- ISO 9001 Certified



Sussex Wire Products

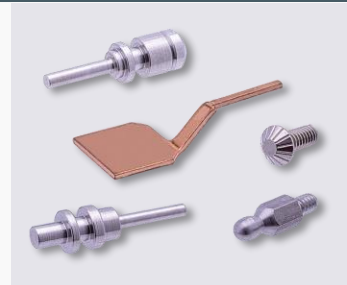
Single & Multi-Thread Pins & Leads



Wire Forms



Custom Screw Machined Products



Cold Heading



Roll Forming



Pointing & Tapping



Coiling & Stamping



Eyelet & O-Rings



Caps & Buttons



Hubs & Inserts



Valves



Connectors



Sussex Wire Process Capabilities

Diameters	<ul style="list-style-type: none"> • .0035" to .400" 	
Lengths	<ul style="list-style-type: none"> • Available in all types of lengths both US and Metric 	
Materials	<ul style="list-style-type: none"> • Various Alloys, Aluminum, Copper, Copper Alloys, Copper Cored, Copper Clad, Inconel, Nickel Alloys, Platinum, Steel, and Stainless Steel 	
Dimensioning & Tolerancing	<ul style="list-style-type: none"> • AOI, RAM Optical Metrology, Micrometers, Optical Comparators, Drop Gages, Pin Gages, Vernier, 100% Inspection Capabilities 	
Manufacturing Services	<ul style="list-style-type: none"> • Cold Forming • CNC Swiss Micro-Machining • Roll Forming • Threading • Tapping • Turning 	<ul style="list-style-type: none"> • Pointing • Electrical Discharge Machining (EDM) • Cleaning • Tumbling • Etching • Plating
Certifications	<ul style="list-style-type: none"> • ISO 9001:2008 • ITAR • NIST Traceability • REACH 	<ul style="list-style-type: none"> • DFARS • RoHS • AMS

Markets Served

- Automotive
- Electric Vehicles
- Defense
- Electronics
- Energy, Oil, & Gas
- Medical
- Semiconductor
- Transportation

Get In Touch

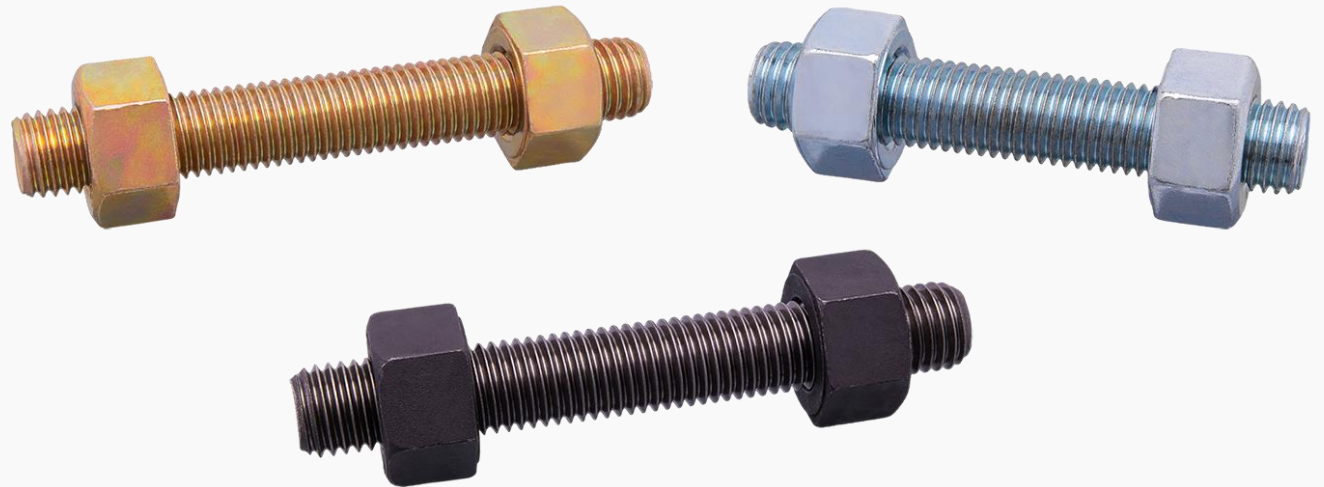
To order stock or custom parts, visit sussexwire.com or contact us at 610.250.7750 | info@mwcomponents.com



USA Fastener

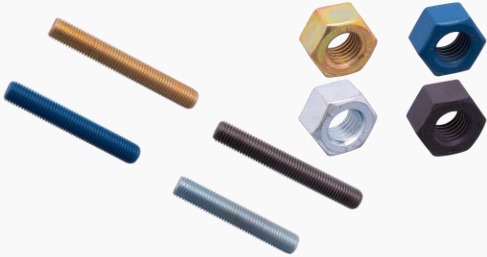
USA Fastener is a recognized leader in the fastener industry, offering quality fasteners and assemblies.

- Stocked Parts Ship in 24 Hours
- Custom Studs, Nuts, Bolts, Sockets & More
- Standard & Exotic Materials
- Many Coating & Plating Options
- ISO 9001 Certified
- API 20E BSL 1, 2 & 3 Certified
- API SPEC Q1 Certified

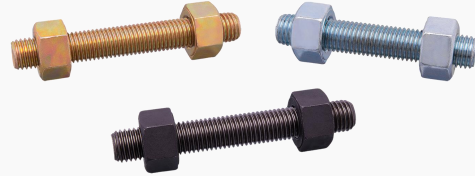


USA Fastener Products

Studs & Nuts



Assemblies



12-Point Cap Screws



Hex Head Bolts



B7 Stud & 2H Nut Assemblies



Sockets



Raw Materials



Custom Fasteners

Custom fasteners of most diameters and lengths can be made to order.

All Products

All Thread Studs
Stud & Nut Assemblies
Double End Studs
Tap End Studs
Single End Studs
Tapered Studs

Collar Studs
Combination Studs
Finished & Heavy Pattern Nuts & Bolts
Tommy Nuts
12-Point Nuts & Screws
Hex Head Bolts & Tap Bolts

Socket Head Cap Screws
Set Screws
Shoulder Bolts
Round Bar & All Thread


USA Fastener

USA Fastener Process Capabilities

Diameters & Lengths (Hot Forging)	<ul style="list-style-type: none"> • Diameters ½" - 7/8" - Lengths Up To 14" • Diameters 1" - 3" - Lengths Up To 24"
Fastener Configurations	<ul style="list-style-type: none"> • Finished Hex Head Bolts / Heavy Hex Head Bolts • Flange Bolts • Socket Head Cap Screws • Finished Hex Nuts / Heavy Hex Nuts • Fasteners – Per Print
Materials	<ul style="list-style-type: none"> • Various Alloys, Carbon Steel, Stainless Steel, Copper Alloys, Nickel Alloys, Exotics
Finishes	<ul style="list-style-type: none"> • Xylan, FluoroKote, SermaGard, GEOMET, NanoGalv, Moly, Black Oxide, Phosphate, Zinc (clear or yellow), CAD (clear or yellow), Hot-dip Galvanizing, Others as Requested
Manufacturing Services	<ul style="list-style-type: none"> • CNC & Lathe • Cutting • Chamfering • Tapping • Milling • Plating • Hot Forging • Drilling • Threading • Cut Thread Up To 4" • Rolled Thread Up To 1 ½" • Assembly • Sawing Up To 14" Dia. • In-house Material Testing
Certifications	<ul style="list-style-type: none"> • ISO 9001 • API 20E BSL 1, 2, & 3 • API SPEC Q1

Markets Served

- Energy
- Oil & Gas
- Valves & Actuators

Get In Touch

To order stock or custom parts, visit usa-fastener.com or contact us at 713.641.4600 | usasales@usa-fastener.com



Thank you!

For Quoting & Additional Information,
Contact Us At sales@mwcomponents.com



MW Components