

## Standard and Specialty Pins



Using a range of single- and multiple-station progressive forming machines, Anderson Manufacturing produces standard as well as specialty pins with rounded, chamfered and crowned ends. With these machines, we can also perform cold forming operations including upsetting, blank rolling and pointing. Our cold forming processes ensure high repeatability with reduced scrap.

Anderson Manufacturing specializes in forming slotted, coiled, grooved and solid type pins made from wire stock of materials. We manufacture pins from materials such as aluminum, nickel, silver, platinum and tin. In addition to cold forming, sorting and other value-added services, we also offer bulk and hand packaging services for our cold headed parts. Our streamlined inspection process ensures quality compliance with ISO 9001 standards through all stages of production.

Specifications	
<b>Tolerances</b>	<p>Tolerances are part dependent but typical tolerances are:</p> <ul style="list-style-type: none"> <li>• Diameters +/-0.001"</li> <li>• Lengths +/-0.005"</li> </ul> <p>But in many cases, we can achieve:</p> <ul style="list-style-type: none"> <li>• Dia. +/- 0.0005"</li> <li>• Length +/-0.002"</li> </ul> <p>If the design requires.</p>
<b>Part Dimensions (Min / Max)</b>	<p>Cutoff size: 0.019"(0.5mm) - 1.000"(25mm)                      Cutoff length: 0 - 8.5"(216mm)                      Stations: 1 die/2 blow through 6 die/6 blow</p>
<b>Materials commonly processed</b>	<p>Various Alloys of the list below:</p> <ul style="list-style-type: none"> <li>• Steels (Carbon and Alloy)</li> <li>• Stainless Steels (300 &amp; 400 series, A286, et.al.)</li> <li>• Brass</li> <li>• Copper</li> <li>• Other Copper Alloys (e.g. Bronze)</li> <li>• Aluminum</li> <li>• Nickel</li> <li>• Silver</li> <li>• Platinum</li> <li>• Tin</li> <li>• Lead</li> </ul> <p>but NOT limited to...</p>

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**Secondary Operations**

Anderson has multiple partnered vendors who provide us with their expertise in their special services such as heat treating and plating. Many Other Value Added Operations are also available but NOT limited to...

- Trimming
- Thread Rolling
- SEMS Rolling
- Roll Forming
- Shaving/Pointing
- Drilling
- Broaching
- Heat Treatment
- Plating
- Painting
- Thread Patch
- Adhesive
- Lubricants
- Over-Molding

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**Cold Forming Capabilities**

Blank Rolling Extrusion  
Piercing  
Pointing  
Sizing  
Thread Rolling  
Trimming  
Upsetting

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**ISO Certification**

ISO 9001:2008  
ISO/TS 16949

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**Part Quantity**

We can produce your production runs from 1,000 to 1,000,000's

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**Lead Time**

Lead times usually run from 2 to 12 weeks and are part dependent. Contact us through the "RFI" (request Information) to verify your parts lead time.

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**Acceptable documentation file types** We accept AutoCAD and pdf files

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**Industries Served**

Anderson Manufacturing produces cold formed specials, as well as, a variety of terminals, contacts, pins and rivets for a wide variety of industries including:

- Automotive
- Electronics
- Housewares
- Furniture
- Medical
- Appliance
- Hardware

Our product range, over 1,600 different items and growing, which has been instrumental in maintaining a balanced growth of our business over the years.

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If you have a fastening problem, we have the solution. We specialize in proprietary and value added products

- Screws
- Bolts
- Studs

<b>Applications</b>	<p>With both standard and specialty pins and rivets</p> <ul style="list-style-type: none"> <li>• Shouldered</li> <li>• Straight</li> <li>• Tapered</li> <li>• Semi-tubular</li> <li>• Solid</li> <li>• Bi-metal (laminated) contact rivets</li> </ul> <p>Our product range, over 1,600 different items and growing, which has been instrumental in maintaining a balanced growth of our business over the years.</p>
<b>QC Process / Sorting</b>	<p>Anderson Manufacturing's trained operators use precision inspection tools, computers and technologically advanced equipment to assure that the final products meet or exceed our customer's specifications.</p>
<b>QC Capabilities</b>	<p>Data Collection System Finite Element Analysis (FEA)</p>
<b>Inspection Process</b>	<p>Anderson Manufacturing firmly believes that quality begins with our highly qualified equipment operators in conjunction with precision tools, computers and technologically advanced equipment and training to assure that the final products meet or exceed our customer's specifications.</p>
<b>Professional Associations</b>	<p>We are an active members in the:</p> <ul style="list-style-type: none"> <li>• Kenosha Area Business Alliance</li> <li>• Madison Area NAV Users Group</li> <li>• Better Business Bureau</li> <li>• MANA</li> </ul>

<b>Equipment List</b>	
<b>Cold Forming Machines</b>	<p>10mm 4 Die 4 Blow 13mm 2 Die 3 Blow 15mm 5 Die 5 Blow 19mm 6 Die 6 Blow 3mm 2 Die 4 Blow 3mm 1 Die 2 Blow 8mm 2 Die 4 Blow 8mm 5 Die 5 Blow 6mm 1 Die 2 Blow 4mm 1 Die 2 Blow 6mm 2 Die 4 Blow</p>
<b>Rolling Machines</b>	<p>#1015 #20 #30 #0 #10</p>
<b>Offline Trimming Machines</b>	<p>19mm 1 Die 1 Blow Trimmer</p>
<b>Sorting Equipment</b>	<p>3 Camera Optical Sorter Roll Sorting Machines 360 degree Laser Sorter</p>

## ABOUT US



ISO/TS  
Certification



ISO9001:2008  
Certification



## Contact Us

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