

Cold Forming Services



Anderson Manufacturing produces standard and custom cold formed parts for many applications, from automotive and electronics to medical. We offer over 1,600 products including a variety of specialty pins, terminals, rivets and other proprietary value-added parts. With over 35 years of experience in manufacturing cold headed screws, nuts and bolts, we provide custom solutions for all types of fastening needs. We stock materials including carbon and alloy steel, copper, brass and common grades of stainless steel.

Our 52,000-square-foot facility is equipped with a range of cold forming machines, some with six progressive dies, which is rare in the industry. These multiple-station cold formers enable us to produce intricate cold formed components through a series of upset and extrusion stations. Metal blanks with cutoff sizes up to 1" and lengths up to 6" can be processed with minimum or no material scrap.

Anderson Manufacturing's cold metal forming operations offer significant advantages such as design versatility, high production rates, repeatability and increased strength of components. In addition to multi-station cold heading, we offer secondary services such as plating, painting and heat treating. To support our customers' cost-saving efforts and improve manufacturability, our staff provides expertise and suggestions for appropriate materials, tolerance and part configurations.

Specifications	
Tolerances	<p>Tolerances are part dependent but typical tolerances are:</p> <ul style="list-style-type: none"> • Diameters +/-0.001" • Lengths +/-0.005" <p>But in many cases, we can achieve:</p> <ul style="list-style-type: none"> • Dia. +/- 0.0005" • Length +/-0.002" <p>If the design requires.</p>
Part Dimensions (Min / Max)	<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>
Materials commonly processed	<p>Various Alloys of the list below:</p> <ul style="list-style-type: none"> • Steels (Carbon and Alloy) • Stainless Steels (300 & 400 series, A286, et.al.) • Brass • Copper • Other Copper Alloys (e.g. Bronze) • Aluminum • Nickel

- Silver
- Platinum
- Tin
- Lead

but NOT limited to...

Others Available Upon Request

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

Cold Forming Capabilities

Blank Rolling Extrusion
 Piercing
 Pointing
 Sizing
 Thread Rolling
 Trimming
 Upsetting

ISO Certification

ISO 9001:2008
 ISO/TS 16949

Part Quantity

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

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.

Acceptable documentation file types

We accept AutoCAD and pdf files

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.

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

- Screws
- Bolts
- Studs

With both standard and specialty pins and rivets

- Shouldered
- Straight
- Tapered
- Semi-tubular
- Solid
- Bi-metal (laminated) contact rivets

Applications

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.

QC Process / Sorting

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.

QC Capabilities

Data Collection System
Finite Element Analysis (FEA)

Inspection Process

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.

Professional Associations

We are an active members in the:

- Kenosha Area Business Alliance
- Madison Area NAV Users Group
- Better Business Bureau
- MANA

Equipment List

Cold Forming Machines

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

Rolling Machines

#1015
#20
#30
#0
#10

Offline Trimming Machines

19mm
1 Die 1 Blow Trimmer

Sorting Equipment

3 Camera Optical Sorter
Roll Sorting Machines
360 degree Laser Sorter

ABOUT US



ISO/TS
Certification



ISO9001:2008
Certification



Contact Us

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