

Meet the *National Chain Group*

**The Full-Service Contract
Manufacturer and Supplier
You Can Rely on**



Meet the Newest National Chain Division: C&W Steel Stamp Co.

For half a century, C&W Steel Stamp Co. in Providence, Rhode Island, has been developing a reputation for quality stamped parts. It's served various industries—electronics, eyeglass, automotive—but jewelry has been its mainstay.



"We've been doing this for a while, and we've built up a lot of experience in this business," says Martin Chappell, C&W's president. His father, Robert, started the business back in 1959, and since then the

company has struck countless parts, from charms and ID tags to coins and components. And for all of those jobs, it's hired the best artists and sculptors to ensure every stamp, hub, and die has exacting detail. Whether they're creating clay models by hand, the old-fashioned way, or using the latest CAD software before milling and engraving, quality control is always paramount—C&W has never gone the "cheap and quick" route, Chappell says.

"C&W is known in the industry as the 'go-to' company for high-end coining and striking," says Joe Esposito, National Chain Group's executive vice president. National



Chain has been among C&W's customers for 30 years. Now, C&W is National's newest division, adding its unique capabilities for coining and producing die-struck product to an ever-increasing portfolio of services.

"When quality matters, that's when people go to C&W," Esposito says. "C&W is a perfect fit with National Chain Group, and its capabilities will further enhance all of National Chain's offerings."

Just one more reason why National Chain Group is a "one-stop shop."



Your One-Stop Source to Meet All Your Needs

Chain • Beads • Findings • Mill Stock • Wire • Castings
 Tubing • Finished Jewelry • Tooling • CAD/CAM Services
 Jewelry Design • Casting Services • Coining & Die Striking



Headquartered in Warwick, Rhode Island, National Chain Group has multiple manufacturing locations around its home state (as well as in the Dominican Republic), with a combined total of nearly 300,000 square feet of space. It employs a workforce of 1,150, and its supplies and services encompass all aspects of jewelry manufacturing and design: National offers an extensive range of chain, components, mill stock, and contract services to take your business to the next level. In addition to the newly acquired C&W Steel Stamp Co., its divisions include:

National Chain produces up to 1.5 million feet of chain per week—on any day, the company can have 600 machines running at maximum capacity. It can provide a wide range of styles, weights, and finishes, from **Bar** and **Bead** chain to **Venetian Box** and **Wheat** and everything in between (including exclusive **Byzantine** styles). It can even provide custom styles for special orders.

James A. Murphy & Son specializes in seamless tubing, findings, and beads of the highest quality. It is particularly renowned for its fancy beads, which the company can customize as needed, providing patterns and textures of every type. Focusing on small run, high quality orders, the division is a favorite partner for companies seeking components that are out of the ordinary.

National Fabricated Metals offers rigorously tested mill products. Its wire, flat sheet, and tubing can be cut to order and engineered to meet the most exacting tolerances. (Its wire can be drawn down to the diameter of a human hair.) It is also one of the industry's few suppliers that offer solder-filled wire.

Standard Chain is renowned for its flexible mesh patterns, from bows and bangles to tapered neckpieces. All styles are crafted through proprietary methods that ensure maximum quality and flexibility, and they can be customized as needed.

The **National Design Studio** uses the latest CAD/CAM technologies to create everything from new metal molds, dies, and tooling to personalized jewelry designs. If you need a custom chain style, a modified bead or finding, or a model to be cast, the studio has the capabilities needed to ensure success.

The Village Goldsmith and **Colorado Casting** can take a design from model to finishing casting, on time and on budget. Finishing and stone setting services are also available.



The Many Capabilities of National Chain

At heart, National Chain Group is a "one-stop shop" of supplies and contract services for manufacturers seeking a reliable, flexible partner. Among its offerings:

- 3D Printing
- Bead & Ball Fabrication
- CAD Design: Engineering, Tool Development, Prototypes
- CAM/CNC/EDM Tooling
- Casting (All Metals)
- CNC Milling & High Speed Milling
- Coining
- Complex Metal Mold-Making
- Deep Drawing (0.004" – 0.50" thick)
- Diamond Cutting of Chain (Machine & Hand)
- Dock-to-Stock Programs
- Electroplating
- Epoxy (Color, Clear, Ground, Buffed)
- Exotic Powder Metal Injection Molding
- Flat Stock Manufacturing
- Inspection and Retail Packaging
- Jewelry Chain
- Jig & Fixture Design and Building
- Laser Cutting and Marking
- Lost-Wax Casting
- Mesh Products
- Metal & Rubber Mold Design/ Fabrication
- Metal Stamping
- One-Offs
- Plastic Injection Molding
- Product Costing & Estimating
- Product Development & Engineering
- Production of Intricate Functional Components
- Progressive/Combination Tooling Design & Building
- Refractory Metal Drawing Specialists
- Residue-Free Parts Cleaning (Proprietary)
- Reverse Engineering
- Solid & Solder-Filled Wire Manufacturing
- Stamped Findings
- Stampings
- Stone Setting
- Toolroom Functions
- Tube Manufacturing
- UV Printing
- Wire & Ram EDM Capability
- Wire Coiling & Forming

Meet the *National Chain Group*

With nearly 300,000 square feet of manufacturing space and a workforce of 1,150 experienced professionals, the National Chain Group comprises seven divisions encompassing all aspects of jewelry manufacturing and design:



National Chain Group World Headquarters

National Chain: Produces up to 1.5 million feet of chain per week—enough to keep 600 machines running daily at maximum capacity—in a wide range of weights, finishes, and styles (including exclusive Byzantine designs). Its superior capabilities were featured in two documentary series, the Discovery Channel’s “How It’s Made” and the History Channel’s “Modern Marvels.”

Standard Chain: Creates finished product with uniquely crafted knit, interwoven, and flexible metal patterns, through proprietary methods that ensure maximum quality and comfort.

James A. Murphy & Son: Specializes in both plain and fancy beads, findings, and tubing, with the industry’s best selection of patterns and textures. The staff takes pride in their creative flexibility and the ability to create special items.

National Mill: Offers everything from casting grain to sheet, wire, and solder, all created to the most exacting specifications.

National Design Studio: From custom metal molds to requests for personalized chain, findings, and jewelry, the National Design Studio can handle it all.

The Village Goldsmith & Colorado Casting:

The Village Goldsmith has a 30-year reputation for superior production services, from CAD/CAM to casting, stamping, and sintering. Both Village Goldsmith and the Colorado Casting division can take a design from model to finished casting, on time and on budget.

Apogee Precision Parts: A “dock to stock” supplier that specializes in stamping and deep-drawing metal parts for a range of industries. It manufactures everything from charms to capacitor components, medical implants, and diamond drill bits, with zero discharge.

C&W Steel Stamp Co.: National’s most recent acquisition, C&W offers high-end coining and striking services; it produces everything from charms and ID tags to coins and components with precise detail and accuracy.



James A. Murphy and Colorado Casting

See How National Chain Group’s Capabilities Can Be Your Competitive Advantage



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