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## CHICAGO NUT & BOLT -WHERE CUSTOM FASTENERS ARE A BIG DEAL



Left to Right: Shelley Ruge (Sales Assistant) Eric Carlson (President), John Kipp (Sales Representative) and Julia Flores (Sales Representative)

Chicago Nut & Bolt, Inc., (CNB), in business over 20 years, is an industry leader in the area of custom industrial fasteners.

### Any Shape, Any Size, Any Material

In a recent interview, Eric Carlson, President, explained CNB's philosophy. He said "While we also distribute standard fasteners, our fastener supply services include fulfilling your non-standard requests, such as extra-large and extra-long sizes. We work with sizes from 1/4" to 3" in diameter, in any length up to 72". If you need a hole drilled through a part, extra thread, special body diameter, or special across the flats, that's our specialty. We can get them to you quickly because we stock blanks in every imaginable head style that can be modified per your specifications."

He continued, "Do you need a custom fastener for your project? Do they need to be on the job site in less time than it takes to order lunch for the entire crew? Look no further than CNB. Whether you need custom bolts, custom nuts or custom screws, CNB has you covered. We carry standard fasteners of course, but our reputation is built upon meeting your non-standard fastener needs."

Regardless of the complexity, send your blueprints to CNB and they will provide you with a quote and delivery commitment that meets your needs. CNB specializes in large and small custom fastener orders for entire projects ranging from 100 to 1,000,000 pieces.

# CNB has supplied fasteners to significant projects. Here are just a few -

### **Biosphere 2**

Located in Oracle, Arizona, this 3.15-acre structure was built to be an artificial, materiallyenclosed full ecological



system. This glass facility is elevated nearly 4,000 feet above sea level and remains the largest closed system ever created. In May 1987, Discover magazine quoted Biosphere 2 as being "the most exciting scientific project to be undertaken in the U.S. since President John F. Kennedy launched us toward the moon." CNB provided custom structural bolts for the project.

### Arecibo Observatory

The World's Largest Radio Telescope. The Arecibo Observatory is a radio telescope located close to the city of Arecibo, Puerto Rico. The



observatory's 1,001 foot radio telescope is the largest single-aperture telescope ever constructed. This telescope carries out three major areas of research: radio astronomy, aeronomy, and radar astronomy observations of solar system objects. Its dish is the largest curved focusing dish on Earth, giving Arecibo the largest electromagnetic-wave-gathering capacity.

## "Son of Beast"

Located at King's Island in Mason, Ohio, "Son of Beast" is a record breaking wooden roller coaster. With a max speed of 78 mph, this roller



coaster is the fastest wooden roller coaster in existence. Towering 218 feet above the ground, it is the tallest wooden roller coaster and the only wooden roller coaster to incorporate a loop, as seen in the image. Stretching 7,032 feet, it is the second longest wooden coaster only to its predecessor, also located at King's Island.

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# Golden Gate Bridge (Refurbishing)

The Golden Gate Bridge is a suspension bridge spanning the Golden Gate, the opening of the



San Francisco Bay into the Pacific Ocean. The Golden Gate Bridge was the longest suspension bridge span in the world when it was completed during the year 1937 and has become one of the most internationally recognized symbols of California and the United States. This bridge stretches 8,981 feet long, sits 746 feet tall, and spans 90 feet wide. Chicago Nut & Bolt supplies custom fasteners for the constant refurbishing and maintenance of this historic landmark.

### Seawolf Submarines

The Seawolf class attack submarine was the intended successor to the Los Angeles class, ordered at the end of the Cold War



in 1989. This class currently consists of three 353 feet long submarines that were larger, faster, quieter, and more efficient than their predecessors. When submerged, these submarines can reach speeds of 35+ knots (40+ mph) and contain extensive equipment for shallow water operations, including a floodable silo capable of simultaneously deploying eight combat swimmers and their equipment.

#### IMPSA Container Cranes

Chicago Nut and Bolt has provided the wide array of custom fasteners required for these massive cranes designed to load



and unload container ships. CNB is a supplier in multiple locations including the Port of Long Beach, the Port of New Orleans, the Port of Baltimore, and several overseas locations.

### City Center

Located on the Las Vegas Strip in Paradise, Nevada, City Center 16,797,000 square feet mixed-use, massive urban



complex on 76 acres. It is the largest privately funded construction project in the history of the United States. The complex features the Aria Resort & Casino, The Vdara hotel-condo complex, the Harmon Hotel, the Mandarin Oriental condominium-hotel, the Veer towers, and the Crystals, City Center's 500,000 square foot retail and entertainment district.

#### Wind Tower Projects

Wind Towers are wind turbines that use the wind to make electricity. Wind Towers have many environmental benefits.



Wind power consumes no fuel, and emits no air pollution, unlike fossil fuel power sources. Utility scale turbines range in scale from 100 kilowatts to as large as several megawatts. Chicago Nut & Bolt has been involved in several wind tower projects across the nation as well as overseas.

Eric puts it simply. He says, "Let us become your Custom Fastener Manufacturer."

### The BUSINESS EDGE 2.0 -On Time and On Budget

Eric told us one secret to their ability to offer such a diverse and comprehensive bundle of products and services. He said, "Chicago Nut and Bolt has worked with Computer Insights for over 10 years. When we installed The BUSINESS EDGE, our system was installed and up and running on time and ZERO dollars over budget. I was also amazed that even though Computer Insights, Inc. headquarters is only 5 minutes away, we did all the training on line. It turned out to be the most efficient computer implementation I have ever experienced."

"Since then, the system has helped us maintain the level of customer service that we have committed to our customers. With The BUSINESS EDGE, all the information that we need is at our fingertips. It is helping us with our ISO Quality requirements and it is enabling us to give our customers what they need in a single call, no call backs, no voice mails, just prompt, professional accurate service. I have also been impressed by the flexibility of the system and the ability to customize it to our specific needs."

"Additionally, The BUSINESS EDGE has been instrumental in CNB's efforts to maintain an efficient inventory level and seamless Lot Traceability. " The Brighton Best Connection is the latest updated feature supplied at No Charge—that will help us streamline our purchasing process even further."

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