



# BARNES™

**Design and Manufacturing Partner for Custom Engineered  
Precision Components and Assemblies**





# Barnes Engineered Components

## World-Class Brands

With our world-class brands, Associated Spring® and Hänggi®, Barnes Engineered Components is the leading global manufacturer and supplier of custom engineered, high-performing precision components and assemblies for diverse end markets in medical devices, aerospace and defense, industrial and automotive.

## 160+ Year Heritage

We draw on our 160+ year history of engineering and technical innovation, our strong, long-term relationships with suppliers and our state-of-the-art equipment to create critical products that consistently meets customer performance requirements.

## Robust Product Portfolio

Barnes Engineered Components offers a robust portfolio of products and solutions ranging from springs, rings and engineered struts to precision stamped components and value-add assemblies.

## Design and Manufacturing Partner

We partner with our customers early in the design and concept phase, and continuously through prototyping, testing and evaluation and final production, to deliver custom engineered components and assemblies that solve design challenges, meet performance requirements and give customers a competitive edge in their market.

## Global Footprint

Barnes Engineered Components has an expansive global footprint, with more than 1,000 employees around the world and manufacturing facilities in strategic locations across the Americas, Europe and Asia.

## A Business of Barnes

Barnes Engineered Components is a strategic business unit within the Industrial segment of Barnes.

## Manufacturing Locations

### The Americas

Bristol, Connecticut  
Corry, Pennsylvania  
Milwaukee, Wisconsin

Plymouth, Michigan  
Mexico City, Mexico  
Campinas, Brazil

### Europe

Bettlach, Switzerland

### Asia

Jurong, Singapore



## Associated Spring

What started as a job shop in 1857 manufacturing springs for hoop skirts and clocks, Associated Spring has now evolved into the leading manufacturer and supplier of springs and precision metal components for diverse end markets in aerospace and defense, medical devices, industrial and automotive. With an expansive global footprint in the United States, Brazil, Mexico and Singapore, Associated Spring consistently delivers high quality, performance and reliability of class-critical components for our customers.

[associatedspring.com](http://associatedspring.com)



## Hänggi

Hänggi dates back to 1945 when Heinz Hänggi Sr. established himself in the field of precision tool making in his parents' home. Over 75 years later, his legacy lives on in a 5,800 m<sup>2</sup> state-of-the-art production facility in Bettlach, Switzerland. Hänggi's core competencies include ultra-precision fine blanking and micro stamping offering a one-stop-shop solution with engineering, tool build and zero-defect production with 100% automated inspection. Hänggi serves a variety of diverse end markets including medical devices, industrial and automotive.

[hangji.com](http://hangji.com)



- Committed to furthering environmental, social and governance principles
- Award-winning, certified supplier with proven solutions in mission-critical applications like space, defense, nuclear and high-performance racing
- Engineering partner from design conception through part production—reducing time-to-market and cost, and securing IP and part performance
- Industry leader in applying additive manufacturing (3D printing), robotics and Industry 4.0 to improve our operations and performance.

### Certifications

- ISO 9001
- ISO 13485
- ISO 14001
- ISO 45001
- AS9100
- IATF 16949

## About Barnes

Barnes (NYSE: B) is a global provider of highly engineered products, differentiated industrial technologies and innovative solutions, serving a wide range of customers and end markets for over 160 years. With headquarters in Bristol, Connecticut and more than 5,000 employees worldwide, Barnes has an expansive global footprint with 106 sales, technical service and manufacturing locations across the Americas, Europe and Asia.

Barnes serves customers in two business segments—Industrial and Aerospace—offering specialized products and services for far-reaching applications in aerospace, transportation, manufacturing, automation, healthcare and packaging. Barnes is committed to corporate accountability and furthering environmental, social, and governance principles, as evidenced by our listing as one of America's Most Responsible Companies by *Newsweek*.

For more information, visit [www.BGInc.com](http://www.BGInc.com)

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