Advanced Materials for Consumer Product Applications
Carpenter manufactures hundreds of specialty alloys and engineered materials that have been used in a wide variety of consumer applications throughout the world. We combine an industry-leading product offering with knowledgeable materials support, lot-to-lot consistency, and responsive delivery.

Whatever the application—home products, sports and leisure, personal care, communications technology or a host of others—you can count on Carpenter to deliver the specialty materials you need.

EXPERT MATERIALS FROM MATERIALS EXPERTS

We understand the challenges design engineers face. Carpenter metallurgists, research scientists and engineers work closely with the industry’s best to continually define and redefine the leading edge of materials technology.

Whether you’re specifying a stainless steel or a precision, controlled-expansion alloy, Carpenter has the expertise to deliver.

A WIDE RANGE OF ALLOYS

By building on its history of materials experience, Carpenter has helped to advance industries as diverse as medicine, aerospace, automotive, industrial and power generation. This has enabled us to leverage that expertise into other markets.

For example, an alloy originally created for use in jet fighters can also be found on the fairway. High-strength AerMet® alloy has added distance and accuracy to a golfer’s swing. BioBlu® 27 alloy is a high strength, biocompatible alloy being used in the jewelry industry.

In all, Carpenter’s selection of stainless steels, high-temperature alloys, high-strength alloys, superior corrosion-resistant alloys, magnetic and controlled-expansion alloys, and other specialty grades gives you one of the broadest ranges of specialty materials solutions available today.

For more information on Carpenter, including detailed technical information on hundreds of alloys, visit www.cartech.com or call 1-800-654-6543 in the United States.

TOTAL COMMITMENT IN MANUFACTURING, DELIVERY AND CUSTOMER SERVICE

Carpenter’s quality systems are approved to ISO 9001:2008 and AS9100 standards. Product is manufactured to strict standards of quality and operational efficiency at our manufacturing facilities.

We have strategically located warehouses and operations centers in Asia, Europe, Mexico, Canada and the United States and an integrated communications system linking our worldwide offices to each other and to our mills. And our responsive sales and service professionals can quickly and accurately track order status, inventory and other essential delivery data.

INNOVATION, QUALITY AND GLOBAL PRESENCE:
THE CARPENTER ADVANTAGE.

CARPENTER SPECIALTY ALLOYS ADD QUALITY AND VALUE TO EVERYDAY LIVING.
The Carpenter CTS™ family of blade alloys offers superior edge retention and surface finish, the ability to be machined to a fine edge, and consistent heat-treatability from lot to lot. These specialty alloys can be considered for a variety of high-performance consumer, industrial and medical knife blade applications.

**DEPENDABLE MATERIALS YOU CAN COUNT ON WHEN PERFORMANCE MATTERS**

That’s Carpenter’s legacy and commitment: Embedded in the design and engineering process. Pioneering new materials and applications. Continually improving the materials development and manufacturing process. Committed to enabling the innovation and success of our consumer products customers.

For more information, visit www.cartech.com.
In the United States call toll-free 1-800-654-6543.

**ENGINEERED MATERIALS FOR A CHANGING WORLD**

Carpenter Technology Corporation (NYSE:CRS) manufactures a wide range of stainless steels, specialty alloys and titanium alloys for the consumer industry.

Today, you’ll find Carpenter alloys all around you. Carpenter’s Dynamet subsidiary makes titanium products that have been used in eyeglasses, motocross, snowmobiles and sports equipment. Carpenter Powder Products supplies gas atomized, metallic powders that have been used to produce metal injection molded parts, including cell phone components, water faucet components and watch cases.

Whatever your application, you can count on Carpenter Technology to leverage our deep technical expertise and extensive materials experience to deliver high-quality engineered materials and components.
Carpenter manufactures hundreds of specialty alloys in round and shaped bar, plate, strip, hollow bar, wire and fine wire in wrought and Micro-Melt® powder metals. Below is a listing of some of our alloys that have been used in consumer product applications.

**Carpenter’s Specialty Alloys May Be Considered For Use In A Wide Variety Of Home, Recreational And Personal Care Applications**

**High-Nickel Alloys**
- Big-screen televisions
- Digital light processors for projectors
- Light bulb leads

**Ultra High-Strength Alloys**
- Bicycle components
- Gears
- Golf club faces
- Motorsports

**Superior Corrosion Resistant Alloys**
- Jewelry
- Watch cases

**Magnetic, Controlled-Expansion and Glass Sealing Alloys**
- Eyeglasses and armless sunglasses
- Light bulb leads
- Thermostats

**Soft Magnetic Nickel-Iron Alloys**
- Cell phones
- Computers
- Computer modems
- Electric watt-hour meters
- Gas furnace safety switches
- Ground fault circuit interrupters
- Hearing aids
- Magnetic shielding of coaxial cables
- Printers

**Resistance Alloys**
- Cell phones
- Laptop computers

**Heating Element Alloys**
- Kitchen appliances
- Hair and clothes dryers

**Stainless Steels**
- Appliance fasteners
- Bathroom hardware
- Blender and industrial food processing blades
- Boating and marine fasteners and trim
- Boat rub rail
- Boat shafting
- Chains
- Concrete anchors
- Drawer slide balls
- Fish hooks and reels
- Food service conveyor fasteners
- Garage door fasteners
- General-purpose and precision springs
- Hand tools
- Helmet face masks
- Jet skis

**Resistance Alloys**
- CBX Cupron
- Evanohm® Alloy R
- No. 1 JR® alloy

**Heating Element Alloys**
- Tophet® Alloy A
- Tophet Alloy C

**Stainless Steels**
- 300 stainless steels
- 400 stainless steels
- Custom Flo 302HQ
- Project 70+ Type 316
- Project 70+ Custom 630

**Carpenter CTS™ alloys**

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Carpenter Technology Corporation
Wyomissing, PA 19610 USA
1-800-654-6543 (toll-free inside U.S.)
Visit us at www.cartech.com for a complete list of our global sales and service locations.