



Carpenter Technology Corp.

Material Solutions for the Orthopaedic Industry

Carpenter Technology Corp.

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Reading, PA 19610
USA
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610-208-2633 (fax)

Web site

www.cartech.com

Select medical alloys available
online in the US:

www.carpenterdirect.com

Founded

1889

Contacts

Carpenter Customer Service
610-208-2000 (phone)
800-654-6543 (toll-free)
610-208-2633 (fax)
service@carpenterdirect.com

Staff

4,384 employees

Certification

Carpenter Specialty Alloys
ISO 9001:2000

Focus

orthopedics, cardiology, general
surgery, instrumentation, dental

Background

Carpenter Technology Corporation is
a leading international manufacturer
and distributor of specialty alloys, as
well as engineered parts made from
metallic and ceramic materials.

You'll find these specialized materials
used in the medical, aerospace,
automotive, industrial, power genera-
tion, and consumer products indus-
tries.

The company's specialty materials
are known for their dependability,
strength, toughness, corrosion resist-
ance, and the ability to stay intact in
high temperatures. For information
visit www.cartech.com

Carpenter Technology Corporation leads the development and produc-
tion of specialty materials including stainless steels, titanium alloys,
cobalt base alloys and ceramic products to meet the highly special-
ized demands of medical products designers and manufacturers.

Carpenter helps its cus-
tomers advance medical
technology with customer-
centric service and its alloy
development efforts that
have produced a diverse
product line. Carpenter has
developed a number of
materials that have been
used throughout the medical
industry.



- BioDur® medical alloys have been used in orthopedic implants, fixation devices, and dental instruments, among other applications. The BioDur line can deliver a host of characteristics depending on the specific alloy, including bio-compatibility, corrosion resistance, surface condition, strength, machinability, formability and more.
- Carpenter's Dynamet operation manufactures high-strength, lightweight titanium in various wire, bar and shaped forms to meet a variety of fabrication needs.
- Carpenter's engineered products division produces specialty materials avail-
able for medical purposes including specialty tubular and rolled shape prod-
ucts, precision cold-drawn shapes and ceramic components.

Carpenter is committed to research and development efforts for new and improved
materials. As medical advances demand more rigorous applications, Carpenter will
provide next-generation metals and specialty products that make breakthrough
medical designs a reality.

Carpenter also provides advanced melting capabilities that ensure exceptional mate-
rial purity, including Electric Arc/Argon Oxygen Decarburization (ARC/AOD); Vacuum
Induction Melting (VIM); Vacuum Arc Remelting (VAR); ElectroSlag Remelting (ESR);
VIM-Inert Gas Atomized (VIM-IGA) Powder Metal Processing.

Alone or in combination, these capabilities allow Carpenter to produce alloys that
have been used to meet the service requirements of a broad range of medical
applications.