

ADVANCING MEDICAL INNOVATION WITH METALS THAT DELIVER

As an integral part of A. M. Castle & Co., Banner Medical delivers more than just materials—we provide the backbone for breakthrough medical devices. This powerful synergy lets us draw on deep expertise, optimize every step, and supply OEMs and contract manufacturers with an unmatched portfolio of medical grade materials and services, cutting through supply chain complexity and minimizing sourcing risks.

Certified to ISO 13485 standards, we deliver materials that meet ASTM and ISO requirements, ensuring quality and compliance across borders. With decades of expertise and advanced value-added services like precision grinding, custom sizing, and just-in-time inventory solutions, Banner Medical provides comprehensive support to medical device manufacturers worldwide.



MEDICAL

COMMODITIES & VALUE-ADD

Bar Processing:

- Straightening, turning, grinding, polishing, and chamfering for precision performance.
- Outside diameters from 0.032" to 4.000" produced to exacting standards.
- Lengths supported from 3 to 40 feet.
- Over 100,000 square feet of production space dedicated to medical-grade processing.
- Certified to ISO 9001 and ISO 13485 standards.

Value-Added Services:

- Finishing and polishing tailored for medical device applications.
- In-house NADCAP-certified Ultrasonic Testing.
- Waterjet Cutting to custom shapes.

Stainless Steel Instrument, Implant, and Device Grades from .032" through 2.5" O.D.

303, 304, 316 Stainless
BioDur® 316LS
Custom 455® Stainless
Custom 456® Stainless
Project 70® + Custom 630 (17Cr-4Ni) Stainless
416 Stainless
420/420B Stainless
440A Stainless
T440C Stainless
17-4 PH Stainless
17-4 PH Cond. 900 Stainless
X15TN
Nitronic 60
13-8 Stainless

Titanium Implant and Device Grades from .032" through 2.5" O.D.

6Al-4V
6Al-4V ELI
Commercially Pure Grade 1
Commercially Pure Grade 2
Commercially Pure Grade 3
Commercially Pure Grade 4

Cobalt Chrome Implant Grades from .032" through 2.5" O.D.

L-605
MP35N
BioDur® Carpenter CCM®
ASTM F1537/F799 Alloy 1
ASTM F1537/F799 Alloy 2

Aluminum Bar, Tubing, Profiles, and Shapes

2024
6061
6063
7075

**** Many of the grades listed are available in rounds, flats, profile shapes and tubing. Additional custom sizes can be available upon request. Please contact us for all of your medical grade material requirements.**

GLOBAL REACH IN MEDICAL-GRADE METALS

Edge International supplies premium medical-grade materials, including cobalt alloys, stainless steel, and titanium, for orthopedic, spine, and trauma applications. Headquartered in Warsaw, Indiana, with an expanded presence in Europe and Asia, Edge supports a global market with high-quality products and exceptional reliability.

Our comprehensive range of medical-grade materials—including stainless steel, titanium, and cobalt alloys—supports critical sectors like orthopedics, trauma, spine, and dental. With a strong commitment to precision and quality, we ensure that every item we supply meets the rigorous standards essential for medical device manufacturing.



MEDICAL

COMMODITIES & VALUE-ADD

Value-Added Services:

- Materials delivered with precise sizes and tolerances for enhanced machinability.
- Custom cutting to optimize material usage and reduce shipping costs.
- Non-standard grades sourced through extensive industry partnerships to meet unique requirements.
- Just-in-time inventory solutions with flexible delivery schedules, including shipments as small as one bar.
- Precision ground bars with tolerances down to ± 0.0002 ".
- Fractional sizes stocked for your immediate needs.

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