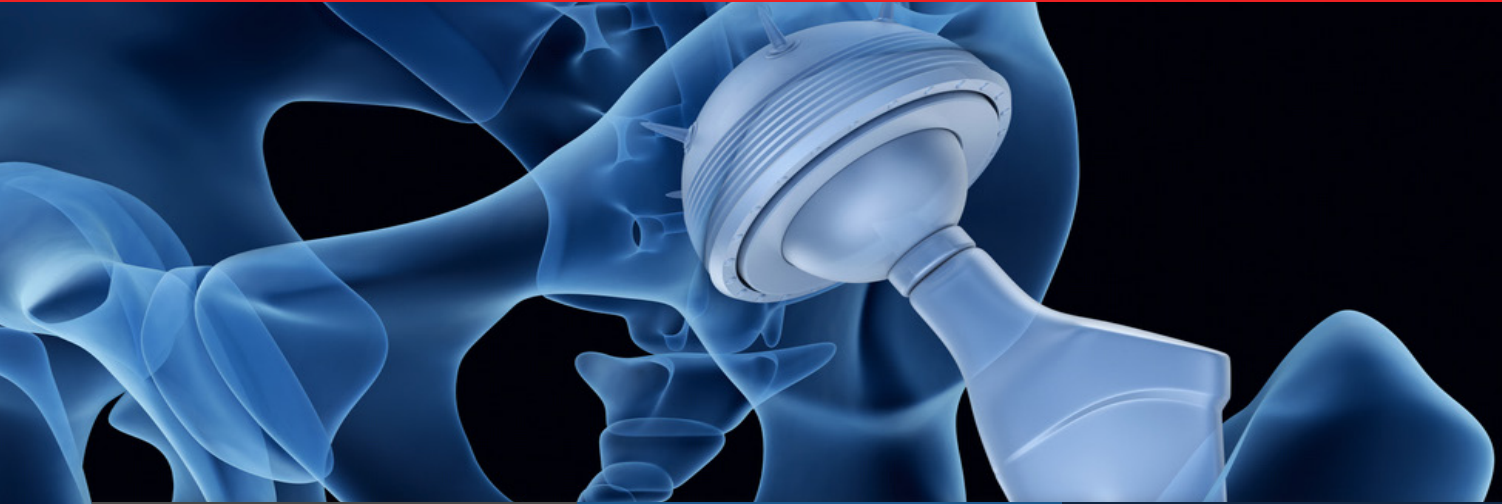


# MEDICAL

TITANIUM, STAINLESS STEEL  
COBALT CHROME MOLY



## MEDICAL APPROVALS

- ISO 13485
- AS9100D with ISO 9001:2015
- Zimmer Biomet
- Medtronic
- CR Bard
- Wright Medical/Stryker
- ACUMED
- Arthrex
- Globus Medical



## MEDICAL APPLICATIONS

Orthopedic reconstruction, trauma, spine, maxillofacial, acetabular cups, bone plates, bone screws, rods, cages, pins, abutments, caps, drills, drill bits, surgical instrumentation, drivers, distractors, shafts, scalpels, reams, rasps, power equipment, robotics



## FIRSTCUT+<sup>®</sup> PROCESSING

Additive Manufacturing Water Jet Cutting, Sawing, Precision Cold Saw Cutting, Near Net Shapes, Pin Stamping, Deburring, Precision Rerolling, Cut-to-Length, Slitting, Edging, Shearing & Much More!

## MEDICAL SOLUTIONS

- Medical products are melt-source traceable and accepted by all major medical OEMs.
- Custom precision ground sizes and tolerances available on demand.
- Custom replenishment programs provide flexibility and reduce inventory expense.
- Vendor managed inventory programs reduce carrying costs and stock-outs.
- Same or next day shipment from stock; mill quantities to blanket orders.



**UNITED**  
PERFORMANCE METALS

QUALITY SOLUTIONS. TRUSTED PARTNERS.

AN ONI COMPANY

888.282.3292

sales@upmet.com

www.upmet.com

# MEDICAL GRADE MATERIALS

## IMPLANT GRADES

TITANIUM	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
CP Grade 2	ASTM F 67/B 265/B 348, UNS R50400, AMS 4902, MIL-T-9046/9047	•	•	•
CP Grade 3	ASTM F 67/B 265, UNS R50550, AMS 4900, MIL-T-9046	•		
CP Grade 4	ASTM F 67/B 265/B 348, UNS R50700, AMS 4901/4921, MIL-T-9046	•		•
Ti-6AL-4V	UNS R56400, AMS 4911/4928/4967/6931, AMS-T-9046 A, ASTM F 1472/B 265/B 348 GR 5, MIL-T-9046/9047	•	•	•
Ti-6AL-4V ELI	UNS R56401, AMS 4930/6932, ASTM F 136/B 265 GR 23/B 348 GR 23, MIL-T-9046/9047		•	•
STAINLESS	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
316LS/316LVM	ASTM F138		•	
COBALT CHROME MOLY	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
CCM	ASTM F 1537, ASTM F 1537 Alloy 1, UNS N06617		•	

## INSTRUMENTATION GRADES

STAINLESS	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
Custom 455®	ASTM F 899, UNS S45500, AMS 5617		•	
Custom 465®	ASTM F 899, UNS S46500, AMS 5936		•	
17-4 PH	ASTM A 564, ASTM A 693, ASTM F 899, UNS S17400, AMS 5604, ASME SA 693, W.NR 1.4542	•	•	•
17-4 PH Heat Treated	UNS S17400, AMS 5643, ASTM A564		•	
17-4 PH Precision Ground	UNS S17400, AMS 5643, ASTM A564		•	
301	ASTM A 240/A 666, UNS S30100, AMS 5901, ASME SA 240/SA 666, EN 1.4310	•		
303	ASTM A 895, UNS S30300, AMS 5640 Chem Only			•
304/304L	ASTM A 240, ASTM A 276, ASTM A 479, ASTM A 484, ASTM A 666, UNS S30400/S30403, AMS 5511/5513, ASME SA 240, W.NR 1.4307	•		•
316/316L	ASTM A 167/A 240/F 138/ F 899, UNS S31600/S31603, AMS 5524/5507, ASME SA 167/SA 240, W.NR/EN 1.4404, W.NR/EN 1.4401	•	•	•
410	ASTM A 240/A 276/A 493/F 899, UNS S41000, AMS 5504, AMS 5613 (Chemistry Only), ASME SA 240, EN 1.4006	•	•	•

Please contact us for additional grades and sizes at [sales@upmet.com](mailto:sales@upmet.com).

**QUALITY SOLUTIONS. TRUSTED PARTNERS.**