



**TITANIUM**  
**STAINLESS STEEL**  
**COBALT CHROME MOLY**



## **MEDICAL GRADE MATERIALS**

### **MATERIALS FOR MEDICAL IMPLANTS & INSTRUMENTATION**

- Material is domestically melted and produced by a leading global US manufacturer and is universally accepted by all major medical OEMs
- All material is melt source traceable
- Our local inventory and nationwide service supports your *just-in-time* delivery needs
- Reduce carrying costs with our (VMI) vendor managed inventory programs

### **FIRSTCUT+® PROCESSING CAPABILITIES**

- Precision Blanks
- Water Jet Cutting
- Cut-to-Length
- Sawing
- Shearing
- Chamfering & Facing
- Deburring
- Laser Gauge Measurement
- Slitting

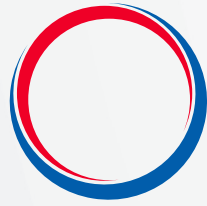
### **MEDICAL APPLICATIONS**

- Orthopedic
- Spinal
- Trauma
- Dental, Maxillofacial
- Surgical Instrumentation

**QUALITY SOLUTIONS. TRUSTED PARTNERS.**

**UNITED PERFORMANCE METALS**

**GET A QUOTE!** 888.282.3292 | [www.upmet.com](http://www.upmet.com) | [sales@upmet.com](mailto:sales@upmet.com)



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## MEDICAL GRADE MATERIALS

IMPLANT GRADES				
TITANIUM	SPECIFICATION	SHEET/COIL RANGE	BAR RANGE	PLATE RANGE
<b>CP Grade 2</b>	ASTM F 67/B 265/B 348, UNS R50400, AMS 4902	0.012" – 0.125"	0.125" – 5.000"	0.1875" – 2.000"
<b>CP Grade 3</b>	ASTM F 67/B 265, UNS R50550, AMS 4900	0.012" – 0.080"		
<b>CP Grade 4</b>	ASTM F 67/B 265/B 348, UNS R50700, AMS 4901/4921	0.012" – 0.125"	0.250"	0.1875" – 2.000"
<b>Ti-6AL-4V</b>	ASTM F 1472/B 265/B 348, UNS R56400, AMS 4911/4928/4967/6932	0.012" – 0.125"	0.125" – 6.500"	0.250" – 4.000"
<b>Ti-6AL-4V ELI</b>	ASTM F 136/B 265/B 348, UNS R56401, AMS 4930/6932	0.012" – 0.160"	0.125" – 3.000"	0.1875" – 2.000"
STAINLESS	SPECIFICATION	SHEET/COIL RANGE	BAR RANGE	PLATE RANGE
<b>316LS/316LVM</b>	ASTM F138		0.1875" – 0.5000"	
COBALT CHROME MOLY	SPECIFICATION	SHEET/COIL RANGE	BAR RANGE	PLATE RANGE
<b>CCM</b>	ASTM F 1537, UNS N06617		0.2165" – 1.375"	

INSTRUMENTATION GRADES				
STAINLESS	SPECIFICATION	SHEET/COIL RANGE	BAR RANGE	PLATE RANGE
<b>Custom 455</b>	ASTM F 899, UNS S45500		0.1875" – 2.000"	
<b>Custom 465®</b>	ASTM F 899, UNS S46500		0.3125" – 1.250"	
<b>17-4 PH</b>	ASTM A 693, UNS S17400, AMS 5604, ASME SA 693, W.NR 1.4542	0.029" – 0.130"	0.250" – 5.000"	0.1875" – 2.500"
<b>301</b>	ASTM A 240/A 666, UNS S30100, AMS 5901, ASME SA 240/SA 666, EN 1.4310	0.018" – 0.130"		
<b>303</b>	ASTM A 895, UNS S30300, AMS 5640 Chem Only			0.1875" – 4.000"
<b>304/304L</b>	ASTM A 240, UNS S30400/S30403, AMS 5513/5511/5647, ASME SA 240, W.NR 1.4307, PWA, GE, RR	0.018" – 0.130"	2.000", 4.000", 7.250"	
<b>316/316L</b>	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	0.018" – 0.130"	0.125" – 3.000"	
<b>410</b>	ASTM A 240/A 276/A 493/F 899, UNS S41000, AMS 5504/5613, ASME SA 240, EN 1.4006	0.018" – 0.145"	1.000" – 8.000"	0.1875"

United Performance Metals medical grade materials are certified  
 ISO 13485, AS9100D, ISO 9001:2015.

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