

FASTENER

**NICKEL ALLOYS, TITANIUM, STAINLESS STEEL
COBALY ALLOYS, PRODEC®**



QUALITY APPROVALS

- AS9100D with ISO 9001:2015
- AS13100
- NADCAP AC7116
- GE Aircraft Engine (GT193)
- GE S422



INDUSTRY APPROVALS

Pratt & Whitney LCS,
GE Aviation S-SPEC-35 AeDMS s-400,
RR SABRe Edition 2, DFARS Compliant



FIRSTCUT+® PROCESSING

Cut-to-Length, Leveling, Slitting,
Edging, Precision Rerolling, Shearing,
Laser Cutting, Water Jet Cutting,
Sawing, Precision Cold Saw Cutting,
Near Net Shapes & Much More!

FASTENER SOLUTIONS

- Inventory is ordered 0.010" over standard dimensions saving you time and money.
- Bar is purchased in larger heat lots, reducing costs on set up and final product testing.
- UPM offers centerless ground bars with ready-to-go surface condition.
- Over 29 saws to support your just-in-time production needs.
- Custom replenishment programs provide flexibility and reduce inventory expense.



AN ONI COMPANY

888.282.3292

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www.upmet.com

FASTENER GRADE MATERIALS

NICKEL	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
A286	UNS S66286, AMS 5525/5858/5731/5732/5737, ASTM A 453/A 638, ASME SA 453/SA 638, EN 1.4980, DIN EN 10204 3.1, PWA, GE, RR	•	•	
A286CR	AMS 5853, 15%–17% COLD REDUCED, PWA, GE, RR		•	
A286CR	AMS 5726, 40%–60% COLD REDUCED, PWA, GE, RR		•	
R405 (hex bar)	UNS N04405, ASTM B164, QQ-N-281		*	
Waspaloy CR®	UNS N07002, AMS 5708, PWA, GE, RR		•	
Waspaloy® 5706	UNS N07001, AMS 5706, PWA, GE, RR		•	
Waspaloy® 5708	UNS N07002, AMS 5708, PWA, GE, RR		•	
718	UNS N07718, AMS 5596/5662, ASTM B 670/B 637, ASME SB 670, EN 2.4668, EN 10204, PWA, GE, RR, B50TF14, B50TF15	•	•	•
718 CR	UNS N07718, AMS 5962, PWA, GE, RR		•	

TITANIUM	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
CP Grade 2	UNS R50400, AMS 4902, ASTM F 67/B 265/B 348, MIL-T-9046/9047 CP-3	•	•	•
CP Grade 3	UNS R50550, AMS 4900, ASTM F 67/B 265, MIL-T-9046 CP-2	•		
CP Grade 4	UNS R50700, AMS 4901/4921, ASTM F 67/B 265/B 348, ASM/MIL-81200, MIL-T-9046/9047 CP-1	•		•
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 AB-1, PWA, GE, RR	•	•	•

STAINLESS	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
Greek Ascology	UNS S41800, AMS 5616, PWA, GE, RR		•	
15-5 PH	UNS S15500, AMS 5862, ASTM A 693		•	
17-7 PH	UNS S17700, AMS 5528, ASTM A 693, ASME SA 693, W.NR 1.4541, PWA, GE, RR	•		•
302	UNS S30200, AMS 5516, ASTM A 240/A 666, ASME SA 240/SA 666, EN 1.4310, PWA, GE, RR	•		
316/316L	UNS S31600/S31603, AMS 5524/5507, ASTM A 167/A 240/F 138/F 899, ASME SA 167/SA 240, W.NR/EN 1.4404, W.NR/EN 1.4401, PWA, GE, RR	•	•	
321	UNS S32100/S32109, AMS 5510/5645, ASTM A 167/A 240/A 276/A 479, ASME SA 167/SA 240, EN 1.4541, PWA, GE, RR	•	•	•

COBALT	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
Alloy 159®	AMS 5842, PWA, GE, RR		*	
MP35N®	AMS 8544, SPS-M-663, PWA, GE, RR		•	

PRODEC®	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
PRODEC® TYPE 304/304L	UNS S30403, AMS 5511/5513, ASTM A 240			•
PRODEC® TYPE 316/316L	UNS S31600/S31603, AMS 5524/5507, ASTM A 240			•

**Please contact us for additional grades and sizes at sales@upmet.com.*

QUALITY SOLUTIONS. TRUSTED PARTNERS.