

# POWER GENERATION

NICKEL ALLOYS, STAINLESS STEEL  
COBALT ALLOYS, ALLOY STEEL



## QUALITY APPROVALS

- AS9100D with ISO9001:2015
- NADCAP AC7116
- GE Approved and many more



## POWER GEN APPLICATIONS

Heat exchangers, bellows, dampers, turbines, industrial furnace and accessories, hydraulics, pump shafts, rotor bolts, expansion joints, valve seals, wear rings, evaporators, condensers, generators, boilers, scrubbers, pressurizers, blades



## FIRSTCUT+<sup>®</sup> PROCESSING

Cut-to-Length, Leveling, Slitting, Edging, Custom Rerolling, Shearing, Laser Cutting, Water Jet Cutting, Sawing, Precision Cold Saw Cutting, Near Net Shapes, Heat Treating, Ultra Sonic Testing, Deburring, Angle Cutting

## POWER GENERATION SOLUTIONS

- Supporting steam, gas, water and wind turbine OEM and aftermarket industry.
- Customer replenishment programs provide flexibility and reduce inventory expense.
- Long-term contract stability and sourcing of non-standard items.
- UPM offers large diameter production cutting and unique angle cutting equipment.



AN ONI COMPANY

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# POWER GENERATION GRADE MATERIALS

NICKEL	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
<b>Alloy X</b>	UNS N06002, AMS 5536/5754, ASTM B 435/B 572, ASME SB 435, EN 2.4665, PWA, GE, RR, B50A249C, B50A463	•	•	•
<b>Alloy 6230</b>	UNS 6230, AMS 5878, ASTM B 435, ASME SB 435	•		
<b>C263</b>	UNS N07750, AMS 5598/5542, ASTM B 637, ASME SB 637, W.Nr. 2.4669, PWA, GE, RR	•		
<b>R405</b>	UNS N04405, ASTM B164, QQ-N-281		•	
<b>X750</b>	UNS R56400, AMS 4911/4928/4967/6931, AMS-T-9046 A, ASTM F 1472/B 265/B 348 GR 5	•		
<b>600</b>	UNS N06600, AMS 5540, ASTM B 168, ASME SB 168, EN 2.4816, 10204, PWA, GE	•		
<b>625</b>	UNS N06625, AMS 5599/5666, ASTM B 443 Gr 1/B 446, ASME SB 443 Gr 1, EN 2.4856, EN 10204, PWA, GE, RR, EMS95377	•	•	•
<b>718</b>	UNS N07718, AMS 5596/5662, ASTM B 670/B 637, ASME SB 670, EN 2.4668, EN 10204, PWA, GE, RR, B50TF14, B50TF15	•	•	•
<b>718</b>	B50809D		•	
<b>901</b>	B50A305B S12 (GE ENERGY)		•	

STAINLESS	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
<b>15-5 PH</b>	UNS S15500, AMS 5862, ASTM A 693		•	
<b>17-4 PH</b>	UNS S17400, AMS 5604, ASTM A 693, ASME SA 693, W.NR 1.4542, PWA, GE, RR	•	•	•
<b>304/304L</b>	UNS S30400/S30403, AMS 5511/5513, ASTM A 240, ASTM A 276, ASTM A 479, ASTM A 484, ASTM A 666 ASME SA 240, W.NR 1.4307, PWA, GE, RR	•		•
<b>316/316L</b>	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	•	•	
<b>317L/LM/LMN</b>	UNS S31703/S31725/S31726, ASTM A 240/A 182/A 167, ASME SA 240			•
<b>321</b>	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	•	•	•
<b>347</b>	UNS S34700, AMS 5512/5646, ASTM A 269/A 276/A 193, ASME SA 269/SA 276, EN 1.4550, PWA, GE, RR	•	•	
<b>410</b>	UNS S41000, AMS 5504/5613 (Chemistry only), ASTM A 240/A 276/A 493/F 899 ASME SA 240, EN 1.4006, B50991B, PWA, GE, RR	•	•	•
<b>422</b>	UNS S42200, AMS 5655, ASTM A 176/A 565, ASME SA 176, B50A951A1/A2 (GE ENERGY)		•	

COBALT	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
<b>L605</b>	UNS R30605, AMS 5537/5759, B50TF26, PWA, GE, RR	•	•	
<b>188</b>	UNS R30188, AMS 5608/5772, B50TF74, PWA, GE, RR	•	•	

ALLOY STEEL	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
<b>B-16</b>	ASTM A 193, GE-B5F5, EN 10204		•	
<b>CrMoV</b>	B50A179B3, B50A164B2, B5F5B31, B50A249, B50391B (Size range may vary depending on spec listed)		•	
<b>Nitralloy 135®</b>	AMS 6470/6472/2301, ASTM A 29/A 355/A 370, GE-B5E1, EN 10204		•	

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

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