

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+[®] 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!

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
Alloy X	UNS N06002, AMS 5536/5754, ASTM B 435/B 572, ASME SB 435, EN 2.4665, PWA, GE, RR, B50A249C, B50A463	•	•	•
Alloy 6230	UNS 6230, AMS 5878, ASTM B 435, ASME SB 435	•		
C263	UNS N07263, AMS 5872, B50A774, W.Nr. 2.4650, PWA, GE, RR	•		•
R405	UNS N04405, ASTM B164, QQ-N-281		*	
X750	UNS N07750, AMS 5598/5542, W.Nr. 2.4669, PWA, GE, RR	•		
600	UNS N06600, AMS 5540, ASTM B 168, ASME SB 168, EN 2.4816, 10204, PWA, GE	•		
625	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	•	•	•
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	B50809D		•	
901	AMS 5660/5661, B50A305B S12 (GE ENERGY)		•	

STAINLESS	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
15-5 PH	UNS S15500, AMS 5862, ASTM A 564		•	
17-4 PH	UNS S17400, AMS 5604, ASTM A 564/A 693, ASME SA 693, W.NR 1.4542, PWA, GE, RR	•	•	•
17-4 PH Heat Treated	UNS S17400, AMS 5643, ASTM A564		•	
17-4 PH Precision Ground	UNS S17400, AMS 5643, ASTM A564		•	
304/304L	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	•		•
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	•	•	•
347	UNS S34700, AMS 5512/5646, ASTM A 269/A 276/A 193, ASME SA 269/SA 276, EN 1.4550, PWA, GE, RR	•	•	
410	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	•	•	•
422	UNS S42200, AMS 5655, ASTM A 176/A 565, ASME SA 176, B50A951A1/A2 (GE ENERGY)		•	

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

ALLOY STEEL	SPECIFICATIONS	SHEET/COIL	BAR	PLATE
B-16	ASTM A 193, GE-B5F5, EN 10204		•	
CrMoV	B50A179B3, B50A164B2, B5F5B31, B50A249, B50391B (Size range may vary depending on spec listed)		•	
Nitralloy 135*	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.

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