



**NICKEL ALLOYS
TITANIUM
STAINLESS STEEL
COBALT ALLOYS
PRODEC®**



FASTENER GRADE MATERIALS

FASTENER BAR SOLUTIONS

- Save time and money with our centerless ground bars—ready to go surface condition
- Over 29 bar saws to support your just-in-time delivery needs
- Reduce carrying costs with our (VMI) vendor managed inventory programs
- Bar purchased in larger heat lots, saving you money on final product testing
- Fastener grades typically ordered 0.010" over standard dimensions

SLITTING & EDGING CAPABILITIES

- Five slitters including 12", 18" turret, 18" light gauge, 24" and 50"
- Turret slitter technology reduces set-up time, increases speed and can pull narrow cuts
- #1 round skived edge, #5 partial or full square skived edge
- Customized to minimize camber for tightest tolerances
- Traverse winding solutions for slit coil

QUALITY SOLUTIONS. TRUSTED PARTNERS.

UNITED PERFORMANCE METALS

GET A QUOTE! 888.282.3292 | www.upmet.com | sales@upmet.com

FASTENER GRADE MATERIALS

NICKEL ALLOYS	SPECIFICATION	SHEET/COIL RANGE	BAR RANGE	PLATE RANGE
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	0.016" – 0.125"	0.250" – 6.000"	
A286CR	(15%–17% COLD REDUCED) AMS 5853, PWA, GE, RR		0.260" – 1.510"	
A286CR	(40%–60% COLD REDUCED) AMS 5726, PWA, GE, RR		0.385" – 1.260"	
K500	QQN 286 - FORM 1		0.875" – 1.750"	
Waspaloy® CR	UNS N07002, AMS 5708, PWA, GE, RR		0.260" – 0.4475"	
Waspaloy® 5706	UNS N07001, AMS 5706, PWA, GE, RR		0.375" – 2.000"	
Waspaloy® 5708	UNS N07002, AMS 5708, PWA, GE, RR		0.218" – 1.010"	
718	UNS N07718, AMS 5596/5662, ASTM B 670/B 637, ASME SB 670, EN 2.4668, EN 10204, PWA, GE, RR, B50TF14, B50TF15	0.016" – 0.165"	0.250" – 10.000"	0.1875" – 2.000"
718CR	UNS N07718, AMS 5962, PWA, GE, RR		0.260" – 1.635"	

Waspaloy® is a registered trademark of Pratt & Whitney, a United Technologies Company
MP35N® and Alloy-159® are registered trademarks of SPS Technologies, Inc.

TITANIUM	SPECIFICATION	SHEET/COIL RANGE	BAR RANGE	PLATE RANGE
CP Grade 2	UNS R50400, AMS 4902, ASTM F 67/B 265/B 348, MIL-T-9046/9047 CP-3	0.016" – 0.125"	0.125" – 0.500"	0.250" – 0.500"
CP Grade 3	UNS R50550, AMS 4900, ASTM F 67/B 265, MIL-T-9046, CP-2	0.012" – 0.063"		
CP Grade 4	UNS R50700, AMS 4901/4921, ASTM F 67/B 265/B 348, MIL-T-9046/9047 CP-1	0.012" – 0.080"	0.250"	0.250"
Ti-6AL-4V	UNS R56400, AMS 4911/4928/4967/6932, ASTM F 1472/B 265/B 348, MIL-T-9046/9047, AB-1, PWA, GE, RR	0.012" – 0.125"	0.2499" – 8.500"	0.250" – 4.000"

STAINLESS STEEL	SPECIFICATION	SHEET/COIL RANGE	BAR RANGE	PLATE RANGE
Greek Ascology	UNS S41800, AMS 5616, PWA, GE, RR		0.260" – 6.000"	
17-7PH	UNS S17700, AMS 5528, ASTM A 693, ASME SA 693, W.NR 1.4541, PWA, GE, RR	0.018" – 0.187"		0.1875"
302	UNS S30200, AMS 5516, ASTM A 240/A 666, ASME SA 240/SA 666, EN 1.4310, PWA, GE, RR	0.007" – 0.145"		0.1875" – 0.250"
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	0.011" – 0.130"	Round 0.375" – 9.000" Hex 0.4375" – 1.125"	0.250"

COBALT ALLOYS	SPECIFICATION	SHEET/COIL RANGE	BAR RANGE	PLATE RANGE
Alloy 159®	AMS 5842, PWA, GE, RR		0.774"	
MP35N®	AMS 8544, SPS-M-663, PWA, GE, RR		0.325" – 0.649"	

PRODEC®	SPECIFICATION	SHEET/COIL RANGE	BAR RANGE	PLATE RANGE
304P/304LP	UNS S30403, AMS 5511/5513, ASTM A 240			0.1875" – 3.500"
316P/316LP	UNS S31600/S31603, AMS 5524/5507, ASTM A 240			0.1875" – 3.500"

United Performance Metals' fastener materials are certified
Pratt & Whitney LCS, GE Aviation S1000/S-SPEC-1, and DFARS Compliant.