



# **PRODEC® ALUMINUM STAINLESS STEEL**

## **SEMICONDUCTOR GRADE MATERIALS**

### **T-304/L PRODEC® AND T-316/L PRODEC®**

- Faster speeds and feeds
- Longer tool life
- More stable than standard plate
- Domestic material
- Original mill test reports

### **PRECISION CARBIDE TIPPED COLD SAW CUTTING**

- Minimizes labor time and tooling expense
- No plasma or heat affected zones
- Square, parallel and machine ready
- Standard length & width tolerances:  
3/16" – 1 3/4" +/- .060 – .000  
2" and thicker +/- .125 – .000

**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)

## SEMICONDUCTOR GRADE MATERIALS

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

| ALUMINUM                 | SPECIFICATION                     | SHEET/COIL RANGE | BAR RANGE | PLATE RANGE      |
|--------------------------|-----------------------------------|------------------|-----------|------------------|
| <b>Mic 6<sup>®</sup></b> |                                   |                  |           | 0.2500" – 2.000" |
| <b>6061</b>              | AMS 4027, ASTM B 209, ASME SB 209 |                  |           | 0.1875" – 6.000" |

| STAINLESS STEEL    | SPECIFICATION                                                                                                      | SHEET/COIL RANGE | BAR RANGE              | PLATE RANGE      |
|--------------------|--------------------------------------------------------------------------------------------------------------------|------------------|------------------------|------------------|
| <b>17-4 PH</b>     | UNS S17400, AMS 5604, ASTM A 693, ASME SA 693, W.NR 1.4542                                                         | 0.029" – 0.130"  | 0.250" – 5.000"        | 0.1875" – 2.500" |
| <b>303</b>         | UNS S30300, AMS 5640 Chem Only, ASTM A 895                                                                         |                  |                        | 0.1875" – 4.000" |
| <b>304/304L</b>    | UNS S30400/S30403, AMS 5513/5511/5647, ASTM A 240, ASME SA 240, W.NR 1.4307                                        | 0.018" – 0.130"  | 2.000", 4.000", 7.250" |                  |
| <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 | 0.018" – 0.130"  | 0.125" – 3.000"        |                  |
| <b>317L/LM/LMN</b> | UNS S31703/S31725/S31726, ASTM A 240/A 182/A 167, ASME SA 240                                                      |                  |                        | 0.625" – 1.250"  |
| <b>410</b>         | UNS S41000, AMS 5504/5613, ASTM A 240/A 276/A 493/F 899, ASME SA 240, EN 1.4006, B50991B                           | 0.018" – 0.145"  | 1.000" – 8.000"        | 0.1875" – 1.000" |
| <b>416</b>         | UNS S41600, ASTM A 895                                                                                             |                  |                        | 0.1875" – 4.000" |
| <b>440C</b>        | UNS S44004, AMS 5630 Chem Only                                                                                     |                  |                        | 0.1875" – 2.500" |

United Performance Metals semiconductor grade materials are certified AS9100D and ISO 9001:2015.  
Our laser cutting approvals include NADCAP AC7116 and GE S422.