

Titanium Alloys

| Grade | Al | C | Fe | H | Mo | N | O | Sn | Ti | V | Zr | Other |
|--------------------------------------|-----------|---------|----------|------------|-----------|---------|---------|-----------|-----|-----------|---------|--------------------------|
| Titanium CP4 Grade 1 | | .08 max | .20 max | .015 max | | .03 max | .18 max | | bal | | | |
| Titanium CP3 Grade 2 | | .08 max | .30 max | .015 max | | .03 max | .25 max | | bal | | | |
| Titanium CP2 Grade 3 | | .08 max | .30 max | .015 max | | .05 max | .35 max | | bal | | | |
| Titanium CP1 Grade 4 | | .08 max | .50 max | .015 max | | .05 max | .40 max | | bal | | | |
| Titanium 6-4 6Al-4V Grade 5 | 5.50-6.75 | .08 max | .25 max | .0125 max | | .05 max | .20 max | | | 3.50-4.50 | | |
| Titanium 5-2.5 5Al-2.5Sn Grade 6 | 4.0-6.0 | .08 max | 0.50 max | .0175-.020 | | .05 max | .20 max | 2.0-3.0 | | | | |
| Titanium CP Ti+PD Grade 7 | | .08 max | .30 max | .015 max | | .03 max | .25 max | | bal | | | Pd.12-.25 |
| Titanium 3-2. 3Al-2.5V Grade 9 | 2.50-3.50 | .08 max | .25 max | .015 max | | .03 max | .15 max | | | 2.00-3.00 | | |
| Titanium CP Ti+0.15 Pd Grade 11 | | .08 max | .20 max | .015 max | | .03 max | .18 max | | bal | | | Pd.20 max |
| Titanium +Mo+Ni 0.3Mo-0.8Ni Grade 12 | | .08 max | .30 max | .015 max | .03 max | .03 max | .25 max | | bal | | | Ni 0.6-0.9 |
| Titanium Beta C Grade 19 | 3.0-4.0 | .05 max | 0.3 max | .02 max | 3.5-4.5 | .03 max | .12 max | | | 7.5-8.5 | 3.5-4.5 | Cr 5.5-6.5 Pd .04-.08 |
| Titanium 6-4 ELI 6Al-4V-ELI Grade 23 | 5.50-6.50 | .08 max | 0.25 max | .0125 max | | .03 max | .13 max | | | 3.50-4.50 | | |
| Titanium 6-2-4-2 6Al-2Sn-4Zr-2Mo | 5.50-6.50 | .08 max | 0.25 max | .010-.125 | 1.75-2.25 | .05 max | .12 max | 1.75-2.25 | | 3.50-4.50 | 3.5-4.5 | Si .10 max |
| Titanium 6-6-2 6Al-6V-2Sn | 5.0-6.0 | .08 max | .35-1.0 | .0125-.015 | | .04 max | .20 max | 1.5-2.5 | | 5.0-6.0 | | Cu .35-1.0 Si .10 max |
| Titanium 6-2-4-6 6Al-2Sn-4Zr-6Mo | 5.50-6.50 | .04 max | .15 max | .0125 max | 5.50-6.50 | .04 max | .5 max | 1.75-2.25 | | 3.50-4.50 | 3.5-4.5 | |
| Titanium 8-1-1 8Al-1Mo-1V | 7.50-8.50 | .08 max | .30 max | .0125-.015 | 0.75-1.25 | .05 max | .12 max | | | 0.75-1.75 | | |
| Titanium 10V-2Fe-2Al | 2.6-3.4 | .05 max | 1.6-2.2 | .015 max | | .05 max | .13 max | | | 9.0-11.0 | | Cu .35-1.0 |
| Titanium 15V-3Cr-3Sn-3Al | 3 max | | | | | | .13 max | 3 max | bal | 15 max | | Cr 3max |