

AMS 4928 - TITANIO 6AL4V BAR

TITANIO 6AL4V BAR

6AL4V (AMS 4928, AMS 4965, AMS 4967, AMS 6931) è una lega di titanio alfa-beta trattata termicamente per ottenere moderati aumenti della forza. Offre una combinazione di leggerezza, alta resistenza, plasticità e resistenza alla corrosione che la rendono molto interessante per una serie di applicazioni diverse nei settori aerospaziale, automobilistico e medico

| Specific Gravity | | | | | | | | | |
|--|---|-----|---|---|--|------|----|---|---|
| 4.484 g/cm ³ | | | | | | | | | |
| Typical Applications | | | | | Related Specifications | | | | |
| Medical Implants Turbine Blades Fasteners Motor Racing applications Aircraft Structural Components | | | | | AMS 2631C AMS 4928 AMS 4965 AMS 4967 AMS 6931 AMS STD 2154 AMS T 9047 ASTM B348 TA11 TA28 ISO 5832-3 W.Nr 3.7164/5 ASTM F136 UNS R56400 MSRR 8652 MSRR 8614 | | | | |
| Chemical Composition (Wt %) | | | | | | | | | |
| | C | Al | N | O | Ti | V | Fe | H | Y |
| Min | – | 5.5 | – | – | – | 3.50 | – | – | – |

| | | | | | | | | | |
|---|------|-------------------------|-------------------|--------------------------|-----------------|------|------|------|-------|
| Max | 0.08 | 6.75 | 0.05 | 0.2 | Bal | 4.50 | 0.25 | 0.01 | 0.005 |
| Typical Mechanical Properties in the Annealed condition | | | | | | | | | |
| 0.2% Proof Stress | | Tensile Strength | Elongation | Reduction of area | Hardness | | | | |
| MPA | | MPA | % | % | HRC | | | | |
| Min | | Min | Min | Min | | | | | |
| 862 | | 900 | 10 | 25 | 36 | | | | |
| <p>* Every effort has been made to ensure that our technical specifications are accurate. However, technical specifications included within Dynamic Metals Ltd should be used as a guideline only and are subject to change without notice.</p> | | | | | | | | | |

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