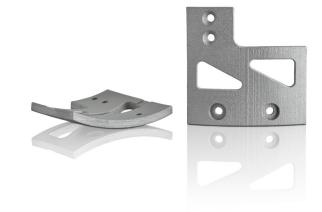


## Ti-6AI-4V

## TITANIUM ALLOY

Ti-6Al-4V is a titanium alloy that combines high strength, hardness, and ductility with high corrosion resistance. It nearly matches steel's strength while being 45% lighter, yielding one of the highest strength to weight ratios in manufacturing materials.

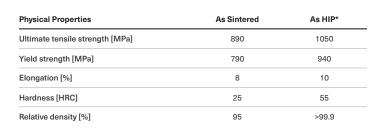
Aerospace applications are the most common, but Ti-6Al-4V is also used in marine, automobile, energy, chemical and biomedical industries.



Composition	Weight%
Titanium	Balance
Aluminum	6
Vanadium	4
Carbon	0.05
Nitrogen	0.01
Oxygen	0.26

Features	& Benefits
High strer	ngth and hardness
Excellent	corrosion resistance
Best-in-cl	ass strength to weight ratio
Biocompa	atible





<sup>\*</sup>Hot Isostatic Pressing





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