

**HIGH TEMPERATURE / CORROSION
RESISTANT ALLOYS**

**COMMERCIALLY PURE
TITANIUM GRADE 6AL/4V**

HARDNESS RB 36

TITANIUM GRADE 6AL/4V CHEMICAL COMPOSITION

CARBON (C)	0.08
IRON (FE)	0.25
NITROGEN (N)	0.05
OXYGEN (O)	0.20
HYDROGEN (H)	0.015
TITANIUM (TI)	BALANCE
ALUMINIUM (AL)	5.50/6.75
VANADIUM (V)	3.5/4.5

TITANIUM GRADE 6AL/4V ANNEALED PROPERTIES (MIN)

TENSILE (PSI)	130,000
YIELD (psi)	120,000
ELONGATION %(2")	10
REDUCTION OF AREA	25