

Tensile strength (min)			0.2% yield strength (min)	
Designation	MPa	ksi	MPa	ksi
Unalloyed grades				
ASTM grade 1	240	35	170	25
ASTM grade 2	340	50	280	40
ASTM grade 3	450	65	380	55
ASTM grade 4	550	80	480	70
ASTM grade 7	340	50	280	40
ASTM grade 11	240	35	170	25
α and near-α alloys				
Ti-0.3Mo-0.8Ni	480	70	380	55
Ti-5Al-2.5Sn	790	115	760	110
Ti-5Al-2.5Sn-ELI	690	100	620	90
Ti-8Al-1Mo-1V	900	130	830	120
Ti-6Al-2Sn-4Zr-2Mo	900	130	830	120
Ti-6Al-2Nb-1Ta-0.8Mo	790	115	690	100
Ti-2.25Al-11Sn-5Zr-1Mo	1000	145	900	130
Ti-5.8Al-4Sn-3.5Zr-0.7Nb-0.5Mo-0.35Si	1030	149	910	132
α-β alloys				
Ti-6Al-4V(a)	900	130	830	120
Ti-6Al-4V-ELI(a)	830	120	760	110
Ti-6Al-6V-2Sn(a)	1030	150	970	140
Ti-8Mn(a)	860	125	760	110
Ti-7Al-4Mo(a)	1030	150	970	140
Ti-6Al-2Sn-4Zr-6Mo(b)	1170	170	1100	160
Ti-5Al-2Sn-2Zr-4Mo-4Cr(b)(c)	1125	163	1055	153
Ti-6Al-2Sn-2Zr-2Mo-2Cr(c)	1030	150	970	140
Ti-3Al-2.5V(d)	620	90	520	75
Ti-4Al-4Mo-2Sn-0.5Si	1100	160	960	139
β alloys				
Ti-10V-2Fe-3Al(a)(c)	1170	170	1100	160
Ti-13V-11Cr-3Al(b)	1170	170	1100	160
Ti-8Mo-8V-2Fe-3Al(b)(c)	1170	170	1100	160
Ti-3Al-8V-6Cr-4Mo-4Zr(a)(c)	900	130	830	120
Ti-11.5Mo-6Zr-4.5Sn(a)	690	100	620	90
Ti-15V-3Cr-3Al-3Sn	1000(b)	145(b)	965(b)	140(b)
	1241(f)	180(f)	1172(f)	170(f)
Ti-15Mo-3Al-2.7Nb-0.2Si	862	125	793	115