

# International Standards Comparison Chart - Titanium

China - GB/T	Nominal composition	USA - ASTM	Russia - ГОСТ	Japan - JIS	Germany - DIN	UK - BS
TA1 (ELI)	Ti	GR1	BT1-00	JIS 1	Ti1	2TA 1
TA2 (ELI)	Ti	GR2	BT1-0	JIS 2	Ti3	2TA2
TA3 (ELI)	Ti	GR3	BT1-0	JIS 3	Ti4	2TA2
TA4 (ELI)	Ti	GR4	BT1-0	JIS 4	Ti1	2TA3
TA5	Ti-4Al-0.005B					
TA6	Ti-5Al		BT5			
TA7 (ELI)	Ti-5Al-2.5Sn	A-1、GR6	BT5-1	KS115AS-C	TiAl5Sn2.5	
TA8 (TA8-1)	Ti-0.05Pd	GR16 (GR17)		17 (18)		
TA9 (TA9-1)	Ti-0.2Pd	GR7 (GR11)		11 (12)		
TA10	Ti-0.3Mo-0.8Ni	GR12			Ti Ni0.8Mo0.3	
TA11	Ti-8Al-1Mo-1V	A-4 (Ti-811)	Ti-811	Ti-811	Ti-811	Ti-811
TA12 (TA12-1)	Ti-5.5Al-4Sn-2Zr-1Mo-1Nd-0.25Si					
TA13	Ti-2.5Cu					
TA14	Ti-2.3Al-11Sn-5Zr-1Mo-0.2Si					
TA15	Ti-6.5Al-1Mo-1V-2Zr (-0.15Si)		BT20			
TA15-1	Ti-2.5Al-1Mo-1V-1.5Zr					
TA15-2	Ti-4Al-1Mo-1V-1.5Zr					
TA16	Ti-2Al-2.5Zr					
TA17	Ti-2Al-2V					
TA18	Ti-3Al-2.5V	GR9 (AB-5)	OT4-1B	61 (61F)		
TA19	Ti-6Al-2Sn-4Zr-2Mo-0.1Si	Ti-6242S (AB-4)		Ti-6242S	Ti-6242S	
TA20	Ti-4Al-3V-1.5Zr					

TA21	Ti-1Al-1Mn		OT4-0			
TA22 (TA22-1)	Ti-3Al-1Mo-1Ni-1Zr					
TA23	Ti-2.5Al-2Zr-1Fe					
TA24 (TA24-1)	Ti-3Al-2Mo-2Zr					
TA25	Ti-3Al-2.5V-0.05Pd	GR18				
TA26	Ti-3Al-2.5V-0.1Ru	GR26 (GR27)				
TA27 (TA27-1)	Ti-0.10Ru					
TA28	Ti-3Al					
TB2	Ti-5Mo-5V-8Cr-3Al					
TB3	Ti-3.5Al-10Mo-8V-1Fe	Close to Ti-8823	Close to BT32			
TB4	Ti-4Al-7Mo-10V-2Fe-1Zr	Ti-47121				
<b>TB5</b>	<b>Ti-15V-3Al-3Cr-3Sn</b>	<b>Ti-15333</b>	Close to <b>BT-35</b>	<b>Ti-15-3</b>	<b>Ti-15-3</b>	<b>Ti-15-3</b>
<b>TB6</b>	<b>Ti-10V-2Fe-3Al</b>	<b>Ti-10-2-3</b>				
TB7	Ti-32Mo					
TB8	Ti-15Mo-3Al-2.7Nb-0.25Si	GR21 (Beta 21S)				
<b>TB9</b>	<b>Ti-3Al-8V-6Cr-4Mo-4Zr (-0.06Pd)</b>	<b>GR19 (GR20)</b>				
TB10	Ti-5Mo-5V-2Cr-3Al	Beta C				
TB11	Ti-15Mo					
TC1	Ti-2Al-1.5Mn		OT4-1			
TC2	Ti-4Al-1.5Mn		OT4			
TC3	Ti-5Al-4V					
<b>TC4 (TC4ELI)</b>	<b>Ti-6Al-4V</b>	<b>GR5 (GR23)</b>	<b>BT6 (BT6C)</b>	<b>60</b>	<b>TiAl6V4</b>	<b>Ti-6Al-4V</b>

TC6	Ti-6Al-1.5Cr-2.5Mo-0.5Fe-0.3Si		BT3-1			
TC8	Ti-6.5Al-3.5Mo-0.25Si		Close to BT8			
TC9	Ti-6.5Al-3.5Mo-2.5Sn-0.3Si					
TC10	Ti-6Al-6V-2Sn-0.5Cu-0.5Fe	Close to AB-3				
TC11	Ti-6.5Al-3.5Mo-1.5Zr-0.3Si		Close to BT9			
TC12	Ti-5Al-4Mo-4Cr-2Zr-2Sn-1Nb					
TC15	Ti-5Al-2.5Fe					
TC16	Ti-3Al-5Mo-4.5V		BT16			
TC17	Ti-5Al-2Sn-2Zr-4Mo-4Cr					
TC18	Ti-5Al-4.75Mo-4.75V-1Cr-1Fe		Close to BT22			
<b>TC19</b>	<b>Ti-6Al-2Sn-4Zr-6Mo</b>	<b>Ti-6246</b>				
<b>TC20</b>	<b>Ti-6Al-7Nb</b>					
TC21	Ti-6Al-2Mo-1.5Cr-2Zr-2Sn-2Nb					
TC22	Ti-6Al-4V-0.05Pd	GR24				
TC23	Ti-6Al-4V-0.1Ru	GR29				
<b>TC24</b>	<b>Ti-4.5Al-3V-2Mo-2Fe</b>	<b>SP-700</b>				
TC25	Ti-6.5Al-2Mo-1Zr-1Sn-1W-0.2Si		Close to BT8-1			
TC26	Ti-13Nb-13Zr					