

Titanium for Aerospace

For Advisory Reference Only

Material		German Standards	UK Standards	French Standards	U.S.A. Standards	Others
Commercially Pure						
Grade 1	Ti-1	WS 3.7024 DIN 17850, 17860 17862, 17863 17864	TA 1 DTD 5013	AIR 9182 T35	ASTM Grade 1	IMI 115 AICMA Ti-P01
Grade 2	Ti-2	WS 3.7034 DIN 17850, 17860 17862, 17863 17864	TA2, TA3, TA4, TA5, DTD 5073	AIR 9182 T40	ASTM Grade 2 AMS 4902, AMS 4941 AMS 4942 MIL-T-9046 Type 1 Comp A	IMI 125 AICMA Ti-P 02
Grade 3	Ti-3	WS 3.7054 DIN 17850, 17860 17862, 17863 17864	DTD 5003 DTD 5023	AIR 9182 T60	ASTM Grade 3 AMS 4900 MIL T-9046 Type 1 Comp C	IMI 130 AICMA Ti-P 03
Grade 4	Ti-4	WS 3.7064 DIN 17850, 17860 17862, 17863 17864	TA6, TA7, TA8, TA9	AIR 9182 T60	ASTM Grade4 AMS 4901, AMS 4921, MIL-T-9046 Type 1 Comp B, MIL-T-9047 Class 1 Comp 1,	IMI 155 AICMA Ti-P 04
Alloy						
Grade 5	Ti-64	WS 3.7164 DIN 17850, 17860 17862, 17863 17864	TA10, TA11, TA12, TA13, TA28, TA56	AIR 9183 TA6V AIR 9182	ASTM Grade 5 AMS 4928, AMS 4935, AMS 4965, AMS 4911, AMS 4906, AMS 4954, MIL-T-9046 Type 3 Comp C MIL-T-9047 Comp 6, AB1	IMI 318 AICMA Ti-P 63 AMS 4907-ELI AMS 4930-ELI
2 % Cu	Ti-20	WS 3.7124	TA21, TA22, TA23 TA24, TA52, TA53 TA54, TA55	AIR 9182 TC	none	IMI 230 AICMA Ti-P11
Grade 6 5%AL 2.5%Sn	Ti-525	WS 3.7114 DIN 17850, 17860 17862, 17863 17864	Ta14, Ta15, Ta16, Ta17	none	ASTM Grade 6 AMS 4926, AMS 4966, AMS 4910, MIL-T-9046 Type 2 Comp A MIL-T-9047 Class 2	IMI 317 AICMA Ti-P65
8%Mn	Ti-800	none	none	none	AMS 4908 MIL-T-9046 Type 3 CompA AB6	none
8%Al 1%Mo 1%V	Ti-811	none	none	none	AMS 4915, AMS 4916, AMS4955, AMS 4972 AMS 4973	none
6%Al 6%V 2%Sn	Ti-662	WS 3.7174	none	none	AMS 4971, AMS 4978, AMS 4979, AMS 4918, MIL-T-9046 Type 3 Comp E MIL-T-9047 Class 3 Comp 8	none
6%AL 2%Sn 4%Zr 2%Mo	Ti-6242	WS 3.7144	none	none	AMS 4975, AMS 4976, MIL-T-9046 Type 3 Comp G MIL-T-9047 Class 11	none