

**Titanium Material Comparison Table**  
by <https://www.bsdparts.com>

GB	ASTM	JIS	DIN	ГОСТ
TA0	GR.1	1 类/Class 1	3.7025	BT1-00
TA1	GR.2	2 类/Class 2	3.7035	BT1-0
TA2	GR.3	3 类/Class 3	3.7055	-
TA3	GR.4	4 类/Class 4	3.7065	-
TA6	-	-	-	BT5
TA7	GR.6	-	3.7115	BT5-1
TA9	GR.7	12 类/Class 12	3.7235	-
TA10	GR.12	-	3.7105	-
TC1	-	-	-	OT4-1
TC2	-	-	-	OT4
TC4	GR.5	60 类/Class 60	3.7165	BT6
TC6	-	-	-	BT3-1
TC10	AMS Ti-662	-	3.7175	-
TC11	-	-	-	B19

**各国钛及其合金机械性能对照表**  
**Titanium and Ti Alloy Mechanical Properties Comparison Table**

标准 Standard	牌号 Type	抗拉强度 Tensile Strength MPa	屈服强度 Yield Strength MPa	延伸率 Elongation %	端面收缩率 Transverse shrinkage %	备注 Remark
		不 小 于				
ASTM	GR.1	240	170	24	30	
JIS	1 类/Class1	270-410	165	27	-	
DIN	3.7025	290-410	180	30	35	
ГОСТ	BT1-00	295	-	20	-50	
GB	TA0	280	170	24	30	
ASTM	GR.2	345	275	20	30	
JIS	2 类/Class 2	340-510	215	23	-	
DIN	3.7035	390-540	250	22	30	
ГОСТ	BT1-0	345	-	15	40	
GB	TA1	370	250	20	30	
ASTM	GR.3	450	380	18	30	
JIS	3 类/Class 3	480-620	345	18	-	
DIN	3.7055	460-590	320	18	30	
ГОСТ	-	-	-	-	-	
GB	TA2	440	320	18	30	
ASTM	GR.4	550	483	15	25	
JIS	4 类/Class 4	550-750	485	15	-	
DIN	3.7065	540-740	390	16	25	
ГОСТ	-	-	-	-	-	
GB	TA3	540	410	15	25	
ASTM	GR.7	345	275	20	30	
JIS	12 类/Class	340-510	215	23	-	
DIN	12					
GB	3.7235	390-540	250	22	-	
	TA9	370	250	20	25	
ASTM	GR.12	483	345	18	25	
DIN	3.7105	480	345	18	-	
GB	TA10	485	345	18	25	
ASTM	GR.5	895	828	10	25	
JIS	60	895	825	10	25	
DIN	3.7165	890	820	10	25	
ГОСТ	BT6	885	-	8	20	
GB	TC4	895	825	10	25	