

Titanium Alloy Product					
Main Titanium Alloy Grades			Performance Parameter		Product Specifications
EN	GOST	ASTM	Rm/MPa	Rp _{0.2} /MPa	Sheet: (0.6-6.0mm)×(600-1,200mm)× L Plate: (6.0-200mm)×(600-2200mm)× L Bar: (φ35~450mm)×L(870mm~6000mm) Wire: (φ1.2~8.0mm)×L Forging: Discs general: D≤2000mm, H≤400mm Shaft: (φ80~600mm)×L≤6000mm Ring piece: D≤5030mm, 70mm≤δ≤350mm, H≤1000mm Barrel type: D≤2000mm, 24mm≤δ≤200mm, L≤2700mm Other forgings: spherical head, aircraft landing gear, impeller, irregular flange, etc Precision Machining: CNC turning, milling, drilling, grinding, and polishing with high precision.
3.7035	BT1-00	GR1	615	241	
3.7114	BT5-1	GR6	885	830	
R54810	Ti-811	Ti-811	960	905	
3.7165*	BT20	R54620*	1010	865	
3.7055 or 3.7195	OT4-1B	GR9	715	565	
3.7164	BT6	GR5	1015	945	
3.7164 or 3.7165*	BT6C	GR23	985	890	
3.7175*	BT3-1	Ti-6Al-4Mo-Feor Custom α+β Alloy*	1000	890	
LT32	BT8	B348*	1150	1040	
3.7225*	BT9	AMS 4957*	1045	940	
3.7164*	BT22	4984 / F2924*	1230	1010	
Main Implementation Standards: ASTM B265, ASTM B381, ASTM B348, AMS 4928, AMS 4931, DIN EN 10222, ISO 5832, SAE AMS standards, and DNV / ABS / BV certification for marine applications.					
Note: * No exact material match. Listed alloy is the closest in terms of performance and composition. Chemical composition and mechanical properties may differ. Please contact us for technical comparison or substitution support.					