



宝鸡难熔金属开发公司

Bao Ji Refractory Metal Developer Co.,Ltd

Office Address:F10 Ronking International Mansion,No.61 GaoXin Road,Bao Ji Shaan Xi ,China

Tel:0086-917 3315889

Fax:0086-917 3313889

TITANIUM PRODUCTS

✧ Chemical Composition:

Grade	Chemical Composition (Mass Fraction)/% ,≤										Other Impurities		Ti
	N	C	H	Fe	O	Al	V	Pd	Mo	Ni	Each	Total	
Gr1	0.03	0.08	0.015	0.20	0.18	/	/	/	/	/	0.1	0.4	Balance
Gr2	0.03	0.08	0.015	0.30	0.25	/	/	/	/	/	0.1	0.4	Balance
Gr3	0.05	0.08	0.015	0.30	0.35	/	/	/	/	/	0.1	0.4	Balance
Gr4	0.05	0.08	0.015	0.50	0.40	/	/	/	/	/	0.1	0.4	Balance
Gr5	0.05	0.08	0.015	0.40	0.20	5.5~6.75	3.5~4.5	/	/	/	0.1	0.4	Balance
Gr7	0.03	0.08	0.015	0.30	0.25	/	/	0.12~0.25	/	/	0.1	0.4	Balance
Gr9	0.03	0.08	0.015	0.25	0.15	2.5~3.5	2.0~3.0	/	/	/	0.1	0.4	Balance
Gr12	0.03	0.08	0.015	0.30	0.25	/	/	/	0.2~0.4	0.6~0.9	0.1	0.4	Balance

Grade comparison table

ASTM	Gr1	Gr2	Gr3	Gr4	Gr5	Gr7	Gr9	Gr12
GB	TA1	TA2	TA3	TA4	TC4	TA9	TA18	TA10

✧ Products Properties:

- Low-density —4.5g/cm³
- High temperature resistance,Suitable for use in the temperature range -200-1000 °C.
- Excellent resistance to electrochemical corrosion,
suitable for a variety of depth separation and fine filter of acid
- High thermal conductivity, electrical conductivity
- Good strength, good toughness
- Suitable for high-pressure environment
- Welding available and simple machining

● TITANIUM PROFILED——Reactor & Tank/Canister/Other

✧ Products show:



Note: All the products can be supplied in according to customer's drawing requirement.

● TITANIUM STANDARD

✧ Specification:

- Bolts: M6(30mm,35mm), M8(15mm,30mm,35mm), M10(30mm,35mm), M12(30mm, 35mm), ect
- Nut : M6, M8, M10, M12
- Washer: M6, M8, M10, M12
- Other: Supplied in according to customer's requirement

✧ Products show:

