

图1 不同Mo含量合金经热处理制度I后的显微组织

**Fig. 1** Microstructures of titanium alloy with different Mo contents after heating treatment scheme I : (a) 0.4% Mo; (b) 1.0% Mo; (c) 2.0% Mo; (d) 3.0% Mo

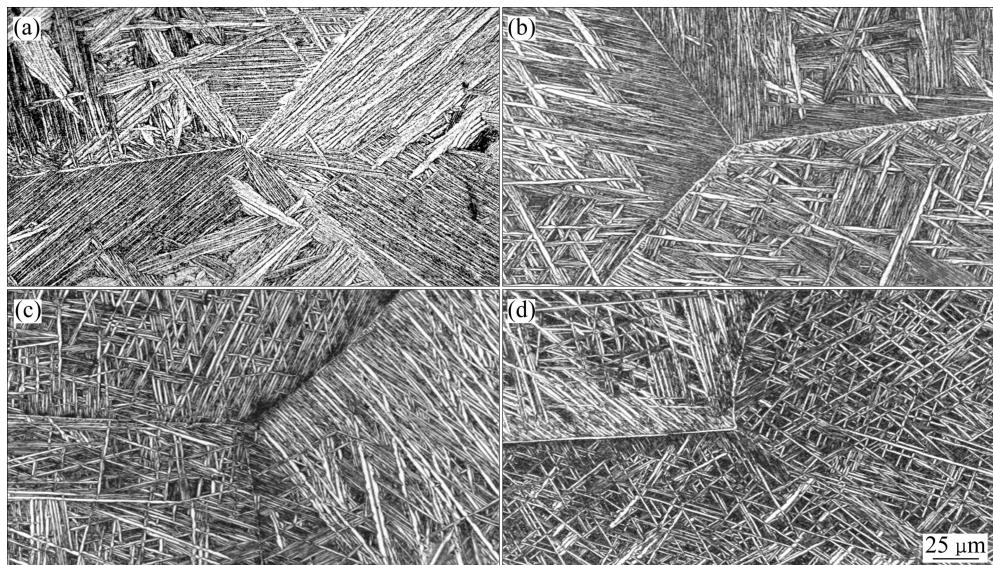


图2 不同Mo含量合金经热处理制度II后的显微组织

**Fig. 2** Microstructures of titanium alloy with different Mo contents after heating treatment scheme II : (a) 0.4% Mo; (b) 1.0% Mo; (c) 2.0% Mo; (d) 3.0% Mo

表2 Ti60和TG6-1合金的室温拉伸性能<sup>[6-7]</sup>

**Table 2** Tensile properties of Ti60 and TG6-1 alloys at room temperature<sup>[6-7]</sup>

Material	w(Mo)/%	R <sub>m</sub> /MPa	R <sub>p0.2</sub> /MPa	A/%	Z/%	Remarks
TG6-1	0	1 000	917	14.0	28.0	Processed by $\alpha+\beta$ forging and heat treatment
Ti60	0.4	1 040	960	15.3	29.0	
Standard requirement		1 030	930	8.0	17.0	



