

VIKTORIA BERCES

1908705

MATERIALS AND INTRODUCTION  
TO PROCESSING

ACMA4000

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Between  $1500^{\circ}\text{C}$  and  $800^{\circ}\text{C}$  is the  $\beta$  phase which means solid Titanium that has BCC crystal structure with less packing ratio.  
At  $800^{\circ}\text{C}$  it crosses the boundary and becomes a mixture of  $\beta$  and  $\alpha$  both solid difference in the crystal structure.  
At  $765^{\circ}\text{C}$  as cools down will cross the eutectic line and under that line becomes the mixture of  $\alpha\text{Ti} + \text{Ti}_2\text{Ni}$ .

