

Summary

Suleva V. Cathode-ray technology development of hard alloy titanium alloys.

The objective is the development and improvement process of manufacturing hard alloy titanium alloys. A literature review of known literature on the subject, research methodology, calculated dimensions for electron-beam setup. In the literature review examines the main alloying elements, their characteristics and effects on the final properties of the titanium alloy with high content of alloys elements.