

13. The dental implant of claim 12, wherein the exterior surface forms an array of outwardly extending ribs generally around the reinforcing collar.

14. The dental implant of claim 1, wherein the biocompatible material includes titanium. 5

15. The dental implant of claim 1, wherein at least a portion of the porous metal layer forms threads for engaging bone.

16. The dental implant of claim 15, wherein the implant can be press-fit into the bone.

17. A prosthetic device, comprising: 10

a bone-embedded section having a generally porous tantalum portion covering at least an exterior of the bone-embedded section, the porous tantalum portion having an outer height approximately the same as an outer diameter of the porous tantalum portion, 15

wherein the bone-embedded section includes a core having a coronal end including a polygonal shaped anti-rotational interface defining an opening, the opening providing access to an internally threaded axially extending bore for connection to a separate abutment, and 20

wherein the coronal end includes a reinforcing collar integrally formed with the core, the reinforcing collar made of a biocompatible material different than that of the porous tantalum portion and configured for receiving mastication forces. 25

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