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Titanium Association
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The development of specifications, methods of test, definitions and nomenclature, and recommended practices; the promotion of knowledge; and the stimulation of research relative to the reactive and refractory metals and their alloys. The principal metals included in this scope are tantalum, niobium, hafnium, molybdenum, titanium, tungsten, and zirconium. The Committee will coordinate its activities with other organizations and ASTM Committees in matters of mutual interest.

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ASTM International
100 Barr Harbor Drive
P.O. Box C700
West Conshohocken, PA
19428-2959
USA
tel +1.610.832.9500
fax +1.610.832.9555
service@astm.org
www.astm.org



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Committee B10 Reactive and Refractory Metals and Alloys

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ASTM Committee B10 on Reactive and Refractory Metals and Alloys was formed in 1965. B10 meets twice a year, usually in May and November, with approximately 25 members attending over two days of technical meetings.

The Committee, with a current membership of approximately 100, has jurisdiction of over 51 standards, published in the *Annual Book of ASTM Standards*, Volume 2.04.

51

Published
B10 Standards

9

countries participate
in B10 committees



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B10's portfolio of approved standards and work items under construction are maintained by its **4 technical subcommittees**.

These standards have and continue to play a preeminent role in all aspects important to the industry including: **compositions, properties, dimensions, classification, nomenclature, analysis, and quality assurance**.

1

B10.01 Titanium

B265 — Standard Specification for Titanium and Titanium Alloy Strip, Sheet, and Plate

B338 — Standard Specification for Seamless and Welded Titanium and Titanium Alloy Tubes for Condensers and Heat Exchangers

B348 — Standard Specification for Titanium and Titanium Alloy Bars and Billets

B367 — Standard Specification for Titanium and Titanium Alloy Castings

B381 — Specification for Titanium and Titanium Alloy Forgings

B600 — Standard Guide for Descaling and Cleaning Titanium and Titanium Alloy Surfaces

2

B10.02 Zirconium and Hafnium

B350/B350M — Standard Specification for Zirconium and Zirconium Alloy Ingots for Nuclear Application

B352/B352M — Specification for Zirconium and Zirconium Alloy Sheet, Strip, and Plate for Nuclear Application

B550/ B550M — Specification for Zirconium and Zirconium Alloy Bar and Wire

B551/ B551M — Specification for Zirconium and Zirconium Alloy Strip, Sheet, and Plate

3

B10.03 on Niobium, Tantalum, and Vanadium

B364 — Specification for Tantalum and Tantalum Alloy Ingots

B365 — Specification for Tantalum and Tantalum Alloy Rod and Wire

B392 — Specification for Niobium and Niobium Alloy Bar, Rod, and Wire

B393 — Standard Specification for Niobium and Niobium Alloy Strip, Sheet, and Plate

B708 — Standard Specification for Tantalum and Tantalum Alloy Plate, Sheet, and Strip

4

B10.04 Molybdenum and Tungsten

B386 — Specification for Molybdenum and Molybdenum Alloy Plate, Sheet, Strip, and Foil

B387 — Standard Specification for Molybdenum and Molybdenum Alloy Bar, Rod, and Wire

B760 — Specification for Tungsten Plate, Sheet, and Foil

B777 — Standard Specification for Tungsten Base, High-Density Metal

B1024/B1024M — Standard Specification for Isotropic Pure Molybdenum



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