



DuraKapp™ #4 Babbitt

Description

DuraKapp™ #4 Babbitt is a general purpose low speed Tin-based Babbitt. Kapp Alloy's unique Precision Microcasting™, combined with high purity virgin raw materials, results in the world's strongest, most ductile Tin-based Babbitts.

DuraKapp™ #4 Babbitt meets or exceeds the specifications for ASTM #4 Babbitt —also known as Hardware Babbitt or Grade 4 Babbitt. This alloy contains 10% Lead, and is **NOT** equivalent to QQ-T-390A No. 4 Babbitt, also known as No. 4 Babbitt. We back all of our products with a 100% satisfaction guarantee or your money back.

Applications

- Refurbishing Grade 4 bearings in light to medium pressure applications in low speed shafts and drives. Historically found in equipment running slowly and continuously with little lubrication or maintenance.
- Older slower speed air compressors and hydraulic pumps
- Electric pumps
- Paired with [KappaTinning™ Compound](#) and [Kapp CopperBond™ Flux](#)

Properties

Specification	
ASTM B23:	Grade 4
QQ-T-90A	NA
Composition	
Sn (Tin):	74.0-76.0%
Sb (Antimony):	11.0-13.0%
Cu (Copper):	2.5-3.5%
Pb (Lead):	9.3-10.7%
Technical Data	
Melting Temperature Range:	363-583°F (184-306°C)
Pouring Temperature:	707°F (375°C)
Brinell Hardness @ 68°F (20°C):	24
Elongation at Break:	6%
Yield Point Compression at Temperature:	5,550 psi (38.3MPa) @ 68°F (20°C); 2,635 psi (18.2 MPa) @ 212°F (100°C)

Product Variants

***Available in standard forms:** 35 lb. (15.9 kg) ingots, 6 lb. (2.7 kg), notch bars, and 1 lb. (0.5 kg) bars. Custom alloys and forms are our specialty. Call Kapp Alloy to discuss your specific project.

Also Order

- [KappaTinning™ Compound](#)
- [Kapp CopperBond™ Flux](#)
- [Stainless Steel brush](#)