

Babbitt Bearing Alloys

| Babbitt name | ASTM B23 / QQ-T-390 | Lead % | Tin % | Antimony % | Copper % |
|------------------------|--------------------------------|---------------|--------------|-------------------|-----------------|
| Number 1 | Grade 1 | 0% | 90-92% | 4-5% | 4-5% |
| RotoNickel -.15% Monel | Grade 2 | 0% | 88-90% | 7-8% | 3-4% |
| Super Tough | Grade 3 | 0% | 83-85% | 7.5-8.5% | 7.5-8.5% |
| Grade 11 | Grade 11 | 0% | 86-89% | 6-7.5% | 5-6.5% |
| Copper Hard | Grade 6 + | 50-52% | 35-37% | 11-13% | 0.5-1.5% |
| Formula 0 | Grade 7 | 74-76% | 9.3-10.7% | 14-16% | 0% |
| Number 4 Hardware | - | 84-86% | 1-2% | 12-14% | 0% |
| Grade 13 | Grade 13 | 83-85% | 5.5-6.5% | 9.5-10.5% | 0% |
| Heavy Pressure | Grade 7 | 74-76% | 9.3-10.7% | 14-16% | 0% |
| Royal | Grade 8 | 79-81% | 4.5-5.5% | 14-16% | 0% |

**ALLOY #4 HARDWARE Babbitt
Ingot Bearing**

**ALLOY-0-Babbitt- Ingot Grade
7**

**ALLOY COPPER HARD Babbitt
Ingot Bearings**

**ALLOY ROTONICKEL BABBIT
Ingot Grade 2**



**ALLOY Number-1-BABBIT
Ingot Grade 1**



**ALLOY-Super-Tough-
1-BABBIT Bearing Ingot**

