

## Babbitt Alloy

Babbitt name	ASTM B23 / QQ-T-390	Lead %	Tin %	Antimony %	Copper %	Melting Point	Pouring Temperature
Number 1	Grade 1	0%	90-92%	4-5%	4-5%	433F	825F
RotoNickel -.15% Monel	Grade 2	0%	88-90%	7-8%	3-4%	466F	795F
Super Tough	Grade 3	0%	83-85%	7.5-8.5%	7.5-8.5%	464F	915F
Grade 11 (SAE-11)	Grade 11	0%	86-89%	6-7.5%	5-6.5%	470F	620F
Copper Hard	Grade 6+	50-52%	35-37%	11-13%	0.5-1.5%	360F	655F
Formula 0 Heavy Pressure	Grade 7	74-76%	9.3-10.7%	14-16%	0%	464F	640F
Number 4 Hardware	-	84-86%	1-2%	12-14%	0%	473F	625F
Grade 13	Grade 13	83-85%	5.5-6.5%	9.5-10.5%	0%	485F	620F
Merit Babbitt		73-75%	9-10%	15-17%	0%	450F	645F
Royal	Grade 8	79-81%	4.5-5.5%	14-16%	0%	459F	645F