

## **Tech specs: 890 bronze**

<b>Alloy Name:</b>	890 bronze
<b>General Description:</b>	Fluid bronze alloy for casting. Harder than regular casting copper.
<b>Color:</b>	True bronze
<b>Casting:</b>	Melting can be done in any atmosphere. Do not use flux.
<b>Casting Temp:</b>	The casting temperature for heavy pieces should be 1875° F (1023°C) up to 2000°F (1094°C) for lighter pieces.
<b>Flask Temp:</b>	Depending on parts but a starting point would be 1250°F (677°C) for 3 dwt rings with detail and 1100°F (593°C) for heavy gents rings.
<b>Quench Time:</b>	20-25 minutes after casting. Do not quench too soon, the pieces will crack.
<b>Pickling:</b>	ABI Investment Remover or equivalent should be used. Heating is not necessary and proper safety gloves and goggles should be worn.
<b>Reusability:</b>	A 30% fresh 70% recycle ratio is recommended. Regraining is not necessary.
<b>Technical questions:</b>	Please feel free to call at any time if you have questions or comments.