Subject: Re: Cryogenically treated audio components
Posted by wunhuanglo on Fri, 25 Mar 2005 00:21:42 GMT
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It seems every claim concerning discernable effects results from treating ferrous alloys – which is probably due to the well know austenite/martensite transformation.But it really is quite unclear why there's any benefit to BCC structured materials – in fact guitarplayer claims that it improves the conductivity of Cu, but then says the change is unmeasurable. If you can't measure it, how do you know it happened?Though cold soaks will relieve stresses in castings of BCC materials by inducing localized cold-work, I don't see why a simple anneal cycle wouldn't provide the same benefits in conductors at a fraction of the cost.And again, since there's no measurable difference in conductivity between annealed and cold-worked Cu, why bother with either?