

<b>Comparison of Interval Size in Equal Temperament and Just Tuning</b>			
<b>Interval</b>	<b>Equal temperament</b>	<b>Just tuning</b>	<b>Difference</b>
Half step	100 cents	112 cents	+ 12 cents
Whole step	200	204	+ 4
Minor third	300	316	+ 16
Major third	400	386	- 14
Fourth	500	498	- 2
Augmented fourth	600	590	- 10
Diminished fifth	600	610	+ 10
Fifth	700	702	+ 2
Minor sixth	800	814	+ 14
Major sixth	900	884	- 16
Minor seventh	1000	996	- 4
Major seventh	1100	1088	- 12
Octave	1200	1200	0

To play intervals in Just tuning (with no beats):

1. One player (or other source of the reference note) sounds the lower note of the interval desired.
2. A second player uses a tuner to adjust the upper note of the Equal Tempered interval (half step, whole step, etc.) up or down by the number of cents indicated in the "Difference" column. A pure beatless Just interval will result.

For example: to play a Just tuned major third above C, look in the Difference column to see that the (E) of this major third needs to be played 14 cents lower than the equal tempered interval indicated when the tuner indicator is centered.