



Our armillary sundials are sold primarily as garden art, however with a few tweaks and adjustments you can make the sundial more accurate.

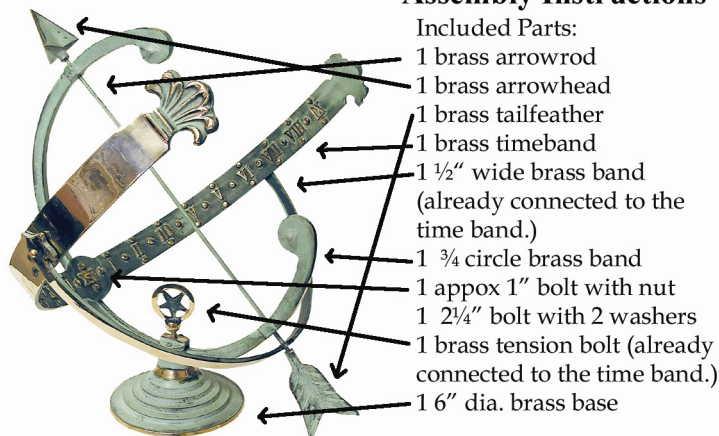
Of key importance is to have the sundial (the arrow of the dial) facing celestial north (not magnetic north.) The easiest way to do this is to take the sundial outside at noon and turn it until the shadow of the arrow rod falls on the XII mark. If the shadow is left or right of the XII then you do not have it due north. It is preferable if you set this up as close to the solstice/equinox as possible.

You also want the angle of the arrow to be positioned to match your latitude. For instance, if you live at 40 degrees latitude, then the arrow should be pointed up at a 40 degree angle (measured from an imaginary perpendicular line at the base of the arrow.) Adjustments to the arrow angle are made by loosening and tightening the tension bolt on the sundial base.

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#1336 Solid Brass Armillary Sundial

Assembly Instructions



1) The 3/4 arc band may already be mounted on the base when you remove the items from the box. If not, please attach as per above image.

2.) Attach time band to 3/4 arc band using the 1" bolt to connect the two. If attached correctly, the bolt will be in the center of the "XII", with "I II III" etc... on the right hand side. Make sure that the 1/2" bar is on the outside of the 3/4 arc (see above image.)

3.) Thread the arrow through the holes on the 3/4 band and screw the arrowhead & tailfeather to the rod until tight.

4.) Use the tension bolt to adjust the angle of the sundial. The sundial is now assembled. You only need the 2 1/4" bolt if attaching to a Rome pedestal base.



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