



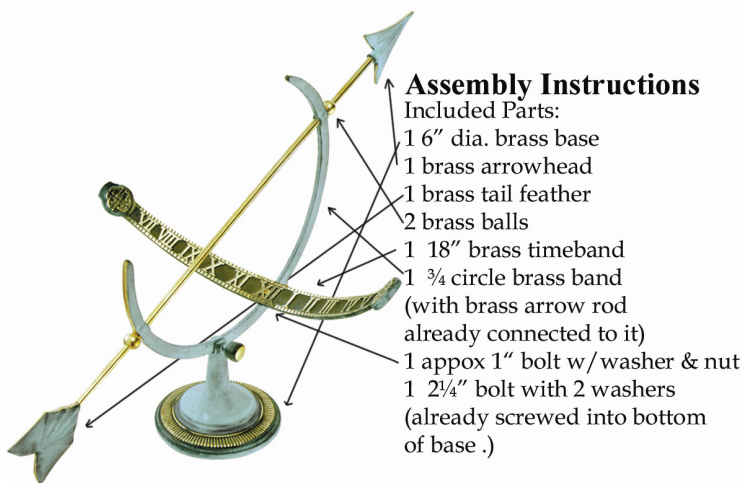
Our armillary sundials are sold primarily as garden art, however with a few tweaks and adjustments you can make the sundial more accurate.

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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#1330 Solid Brass Armillary Sundial



- 1) Attach Time band to 3/4 arc band using the 1" bolt. Make sure that the time band is positioned as in the photo with #s I - VI on the right and XI - VII on the left.
- 2) Place a ball on the top end of the arrow and then thread the arrowhead to the arrow. Do the same with the other ball and the tail feather. Do not overtighten.
- 3) Using the tension bolt on the top of the sundial base, adjust to your preferred angle and tighten.
- 4.) The sundial is now assembled. You only need the long bolt if you're attaching the dial to a Rome pedestal base.



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