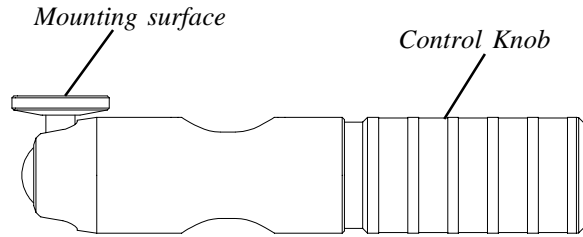


The Eclipse Scope Head by Ray-Vin US Patent #7,021,592



Scope Mounting Instructions:

1. Loosen the control knob and turn the ball so the mounting face is up as in the above illustration. This exposes the hole in the back of the ball. Re-tighten the control knob to secure the ball.
2. Put the socket head cap screw (shcs) through the ball and thread it into your scope and lightly tighten it. If the screw bottoms out before the ball is snug, add spacer washers under the head of the screw as necessary. Do not put shortening washers between the mounting surface and the scope! Be careful with scopes that have rotating bands that the screw does not go too far through the band and pinches the scope, preventing it from rotating on the band.
3. Tighten the screw with the provided wrench and keep the wrench in your kit. A small dab of anti-seize has been put in the ball to keep the screw from galling in the ball.



What you get:
 1 - Eclipse Scope Head assembly
 1 - 1/4-20 x 1-1/4 SHCS
 3 - 1/16 shortening washers
 1 - 3/16 hex wrench



The Eclipse head becomes part of your scope. Cased or uncased, the head is it's own quick detach from the stand.



ALIGNED

MIS-ALIGNED

If you back out the control knob too far, the internal key way may become mis-aligned with the pin. Tightening the bar clamp against the pin will cause damage.

Be sure to align the pins and keys whenever you have disassembled the scope head.

Using the scope head:

Important! Always support the scope with your hand whenever you loosen the control knob.

1. Loosen the control knob and position the scope anywhere on the stand and in any orientation.
2. Snug the knob and you can still shift the scope around for a final fine adjustment.
3. When you are satisfied with the lay of the scope, tighten the knob a little more to lock it in place.
4. To remove the scope from your stand, loosen the control knob and slide the scope, head and all, up off the rod.
5. Tighten the knob about one full turn and the internal parts will start to lock up. Fold the head parallel to your scope and secure. The Eclipse head is designed to become part of your scope and no quick detach is necessary.

The Ray-Vin scope head was invented to fill the need for a straight forward, no-nonsense scope head. Our head is made from rust free materials; aluminum, stainless steel and delrin. The design is robust and simple. One knob controls all degrees of freedom.

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