

## SCOPE-TRU™ ALIGNMENT BAR

US Patent # 8745914

### *The Forward Indicator*

***The profile design on the forward indicator of the Scope-Tru™ Alignment Bar is quite unique.***

*When viewing the tool indicator from either the vantage points of “directly above”, or “from the rear of the rifle”, one can employ two different references on the forward indicator tip:*

***FIRST, one can center the point of the “forward indicator” on the center of the barrel.***

***SECOND, one can use the “reduced diameter cylinder” to sight for an equal distance along each side of this cylinder with respect to the sides of the barrel.*** The utilization of this additional reference point provided by the “reduced diameter cylinder” can nearly guarantee the elimination of any parallax during the installation process—resulting in greater precision.

***In addition, the “rear indicator” of the tool can be centered on either the bolt plug, the tang of the action, or the groove in the tang of the action.*** I always utilize this *third reference point* during the installation process. It is especially important to utilize this third reference point for the final view of an installation—to be certain that correct alignment has been achieved.

(I have also used the sides of the receiver during the final stage of the installation process as a reference point—each side of the tool can be checked for equal distances in spacing with respect to both sides of the receiver—watching to see how parallel everything appears).

When mounting scopes, I use a portable table with a top surface about 30 inches above the floor. With the gun vise sitting on top of the table, this adds another 10 inches. Therefore, when a gun is resting in the vise on top of the table, the height of the **Scope-Tru™** tool while resting within the scope rings is about 40 inches above the floor. During the installation process, one of the positions that I especially like to view the tool from is *the rear of the rifle*. When installing the front ring into the front base on the receiver—the indicator on the front of the tool is approximately 40 inches away from the viewpoint of the installer, depending upon the stock and receiver lengths of a particular rifle. ***From this viewpoint, the sides of the “reduced diameter cylinder” on the front indicator can still be seen by individuals who are as short as 5 feet 5 inches in height. However, the taller one is, the easier it is to view this “reduced diameter cylinder” against the sides of the barrel. In cases where a higher table or bench may be used, individuals who are shorter in stature may want to use a small step stool.***