



#749-011-469 Sinclair Quick Bullet Sorting Stand

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Congratulations! You have purchased another fine Sinclair reloading product. Please take a couple of minutes to read the following instructions prior to using your new Sinclair Quick Bullet Sorting Stand.

Your new **Sinclair Quick Bullet Sorting Stand** is designed for use with Sinclair Quick Sorting Comparators (chart on next page) but may also be used with Sinclair Multi-caliber Hex Comparators (#749-002-942). This unit will enable you to sort through hundreds of bullets by base to ogive length in a timely manner. When sorting boxes of bullets by base to ogive length, it is handy to start out with several (5-15) segregating bins. Small cardboard cups (Dixie™ cups), small boxes, small butter tubs or empty bullet boxes work well for use as segregating bins. The number of boxes you need will be determined by how tight of tolerance you establish for your “lots” of bullets within the bullet manufacturer’s lot. We recommend sorting bullets into groups that vary no more than .005” for best accuracy. The finer you segregate your bullets the better your groups should be. The more bullets you have from one manufacturer’s lot, the easier it is to more finely sort your “lots”.

Instructions For Using The Sinclair Quick Bullet Sorting Tool

- 1) Find the dial indicator located in the blue box. We recommend removing the installed ball point from the indicator and replacing it with the 11mm flat point supplied inside the blue box with the indicator.
- 2) Install the indicator into the Indicator Support already installed onto the $\frac{3}{8}$ " stainless vertical shaft and secure using the thumb screw.
- 3) Place the correct sized bullet comparator onto the granite base directly under the flat indicator tip. If using Sinclair Hex Style Comparator, make sure the correct bullet diameter is facing upward toward the indicator.
- 4) Pre-load the dial indicator by first loosening the thumb screw securing the indicator support to the vertical stainless shaft and lowering the indicator until the flat point tip of the indicator makes contact with the top surface of the comparator. Continue lowering the indicator until the needle is at or near 12 o'clock. Tighten the thumb screw to the stainless shaft. Don't worry if the indicator needle is not pointing directly at zero.
- 5) If you wish to truly zero the indicator, leave the indicator tip in its present location, and loosen the thumb screw that secures the indicator face and rotate the indicator face until the needle points to zero. You are now ready to sort your bullets



- 6) Using your finger, press down on the indicator lever, lifting the indicator tip.
- 7) Insert a bullet nose down into the comparator.
- 8) Slowly lower the indicator tip down to make contact with the base of the bullet. It is important not to drop the indicator down hard on the base of the bullet, the force of doing so will cause the bullet to seat into the comparator and give you false readings from bullet to bullet.
- 9) Read the number on the dial indicator. Record this number on your segregating bins – you only need to read the two digits (the two digits on the dial are the 2nd and 3rd digits to the right of the decimal point – example: A reading of 52 would be 52 thousandths or .052"). Mark each bin with the 2 digits as you find bullets with unique measurements.

Repeat steps 6 thru 9 for all bullets within a particular box or manufacturer's lot you wish to sort. As you sort through your bullets you will find many of them going into the same segregating bins. Mark and setup a new bin each time you find a bullet with a new measurement.

Helpful Hints

After sorting through your bullets you may find that some of your "lots" barely have any bullets in them. If these bullets measure near another "lot" you may wish to combine them, if they do not, you should consider using them for practice or fouling shots.

If you are working from a large manufacturer's lot of bullets you may wish to segregate your bullets further by weight. We suggest using a digital scale for bullet weight sorting as this is typically much quicker than using a beam scale. Only weigh sort those bullets within a particular "lot" that you have sorted by base to ogive length. You may wish to weigh sort bullets prior to sorting by base to ogive length. The order which you do these two operations does not matter.

Sinclair Quick Sorting Comparators

CALIBER	ITEM #
22	#749-009-209
6mm	#749-009-212
6.5mm	#749-009-213
7mm	#749-009-214
30	#749-009-210
338	#749-009-211