

MICROMETER BULLET SEATER CAP

Congratulations on your purchase of the WILSON Micrometer Bullet Seater Cap! A direct replacement for the standard cap that comes assembled with your Chamber Type Bullet Seater. The Micrometer Top will allow you to enjoy the ease of fine tuning your rounds to the nearest .001" for load development. A necessity in good load development and in finding the "sweet spot" of your rifle chamber. The Micro Cap gives you the flexibility of taking your WILSON die to the range and make minor accurate adjustments on the fly. Listed below we have detailed steps on how to replace your standard cap. Thank you for choosing WILSON TOOLS & GAGES, we appreciate your support!

DIRECTIONS

To use your new Depth Micrometer:

- 1) Remove your seating stem from your standard bullet seater cap. Do this by loosening the set screw on the side. Then thread the stem out using a flat head screwdriver.
- 2) Next, remove the set screw (Figure Below) from the main threaded hole (3/8" set) using a 3/16" Hex Wrench (Provided).
- 3) With a flat head screwdriver, thread your Seating Stem into your New Cap. **DO NOT REINSTALL SET SCREW AT THIS TIME!**
- 3) Now Insert a dummy round into your L.E. Wilson Bullet Seating Die. Slide your New Micro Adjustable Cap into the die. With the dummy round inserted and the cap on the die, adjust the stem so the base of the cap sits on the top of the die.
- 4) Next, reinstall the 3/8" set screw and snug it to the top of the seating stem (3/16" Hex Wrench). If your set screw hits the top of your seating stem, and is not below flush with the top of the cap, you will need to fine tune the cap by adjusting both the seating stem and extending the micrometer portion of the cap to allow the 3/8th set to sit at or below flush.

Seating Stem (Drift) adjustment..

Remove the 3/8ths set you just installed and thread the stem downward enough to allow clearance for the 3/8ths set.

Micrometer adjustment..

Loosen, but **DO NOT REMOVE**, the side 10-32 set screw (Use 3/32 wrench). This is the small set screw just above the L.E. WILSON logo. Turn Micro Cap by hand and adjust until the base of the cap is sitting on the top of the die. Reinstall 3/8ths set screw to hold seating stem in place. Again, this should sit flush or just below flush with top of the Micro Cap.

- 5) Once the cap is set to your dummy round seating depth, you will be able to adjust seating depth by .001" increments with the cap. Make sure the side set screw (10-32 uses 3/32 wrench) is loose when adjusting depth.
UP (Counter-Clockwise) or DOWN (Clockwise) by turning the top portion of the cap.
DO NOT OVER-TIGHTEN! Then snug it back down with light pressure on the wrench to prevent it from moving during the seating operation.
- 6) It may take some fine tuning to adjust both set screws in order to find the best position for your loaded round.

Regular Cap



Micrometer Cap
Installed on die



Micrometer Cap

Frequently Asked Questions

1) My old stem does not fit in my new Micrometer Cap?

There are a couple of reasons why this might happen.

- 1) If the stem is very old, (30 to 60 years) it would have been made with different equipment. Each batch was made to match the caps in production at that time.
- 2) There may be debris in the cap or on the stem. Clean both and try to fit the stem again. You may also try starting threads by hand, then using a flat head screw driver to get past any sticking points in the threads.
- 3) If neither of these work for you, please send us an email at support@lewilson.com or call our main line so we can assist you in resolving the issue.

2) How do I make fine adjustments in seating depth?

Fine adjustments can be made by loosening the small set screw on the side of the Micro Cap. Then grip the knurled part of the cap and twist the top clockwise or counter-clockwise to adjust depth by .001" increments.

3) How do I make major adjustments?

Major adjustments can be made by removing the large 3/8" set screw from the top of the cap and threading the seating stem up or down with a flat head screwdriver. Further adjustments can be made to extend the cap up as well to accommodate longer/higher grain bullets.

4) Can I use this on all WILSON seating dies?

Yes! The Micro cap can be used on any of our standard chamber type 1" dies.

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