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Tools WILSON Gages
 FOR ACCURATE UNIFORM HANDLOADS

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CASE GAGE DEPTH MICROMETER

Every reloader should know exactly how much your Full Length Sizing Die is pushing back the shoulder. With the NEW Case Gage Depth Micrometer you can do just that! It has never been easier to measure your cases headspace before and after sizing. The Depth Mic allows you to slip the micrometer perfectly over the top of the gage with your case inserted into the gage and take a measurement. Package includes Depth Micrometer and a Gage Block which can be used to re-zero the Depth Mic if needed. One size works for all L.E. Wilson Gages.

To be used in conjunction with the Wilson Cartridge Case Gages

DIRECTIONS

To use your new Depth Micrometer:

- Wipe all grease from inside of your Wilson Case Gage (Not Included) and from gaging surfaces. Look into the recessed portion to see that it is free of grease or foreign matter.
- Using the Case Gage (Not Included) in a horizontal position and insert a AS-FIRED DE-PRIMED CASE about half way into the gage. With the fore-finger push the case quickly into the gage so that it stops with a "plunk." Examine the Case Head and check for imperfections that may affect your depth reading.
- Now hold the gage vertically and check position of the case head in relation to the gaging surfaces. Take note of where it sits.
- THE DEPTH MICROMETER IS ZEROED WHEN IT IS SET TO .100". Indicates Flush with Gage or Max Headspace on Gage.
- MOVE THE SCALE TO READ .125 - To give clearance for oversized cases.
- With the Case inserted into the Gage. Slip the Depth Micrometer over the top of the Gage.
- Holding the Gage in place in the palm of your hand put pressure with your fingers on the Depth Micrometer so it is in contact with the gage. It will be easiest to put the Depth Micrometer in-between your fingers. Left Hand if you are Right Handed and Right Hand if you are Left Handed.
- Thread the Micrometer in by rotating the Dial Clockwise.
- Continue to thread so the spindle head touches the top of the case head and take a reading on the scale.
- USE A VERY LIGHT TOUCH AND TAKE SEVERAL READINGS TO MAKE SURE YOU HAVE THE CORRECT VALUE.
- If your case is sitting OVER MAX HEADSPACE, your reading will be value greater than .100" example .105 is a +.005 Headspace Reading.
- If your case is sitting UNDER MAX HEADSPACE, your reading will be a value less than .100" example .095 is a -.005 Headspace Reading.
- Write down the result.
- Now Full Length Size your case at its current setting.
- After Sizing Run Through the above steps from the beginning and again take note of your reading.
- The difference of the two readings will be how far you pushed the shoulder back on your fired case.
- Example - AS FIRED READING = .102" FULL LENGTH RESIZED READING = .092"
- This is telling you that you pushed your shoulder back .010" = .102" - .092"
- The point of this is to keep the cases as fire formed as possible without oversizing your brass. Most shooters will want to push their shoulder back anywhere from .001 to .004 depending on preference.
- To adjust this you will need to un-thread the die away from the shell holder in your press. This can be done by loosening the lock ring and un-threading the die slightly by turning in the counter-clockwise direction.
- Repeat this process until you have your desired result.

For More Information See - Case Gage Instruction Sheet found at lewilson.com under Resources link on the left column.

Micrometer Head .001 Graduations



.100 = Zero on the Gage
 Indicates at Max Headspace
 or Flush with Top of Gage

Slips over Case Gages

Case Gage Depth Micrometer

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