REDDING RELOADING EQUIPMENT Tech Tips

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Choosing the Correct Bushing for Various Type S Dies

There are two methods for choosing the correct bushing:

1. Measure the neck diameter of a LOADED round or a "dummy" round that you've produced with the brass & bullets you plan to use. Now, simply subtract .002” from the diameter you measure to select the correct bushing size.
    a. The use of a micrometer is advised for these measurements, but a dial caliper may be used if a micrometer is not available.
    b. Measuring a sample (several) loaded rounds and using the minimum is advisable.

Example: *Loaded rounds measure .300 at the neck*.

.300” - .002” = .298”

Thus, a .298 Bushing would be appropriate.

2. If loaded/dummy rounds are not available, mathematically create the diameter of a loaded round using the brass & bullets you plan to use.
    a. Use a ball or tube micrometer (micrometer designed to measure curved surfaces) to measure the thickness of your case necks.
    Note: Redding Case Neck Gauge (Part #26400) may also be used to measure case neck thickness.
    b. Multiply this number by 2 to account for each side of the theoretical “loaded round.”
    c. Add the bullet diameter.
    d. Now subtract .002 to select the appropriate bushing size.

Example: *Case necks are .014 thick.*

.014” x 2” = .028”

My bullet diameter is .284”

.028” + .284” = .312”

Now, subtract .002” to select the appropriate bushing size.

.312” - .002” = .310”

If you have any questions regarding the above procedures, please do not hesitate to contact our tech support members.

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