

Instructions for Reamer Design Worksheet

The purpose of this form is to assist our customers in providing the information needed to design and manufacture chamber reamers and headspace gauges to be used in their rifle-building. It streamlines the design process by providing information that is relevant and avoiding that which is not.

Using the information provided, we'll generate a set of proposed reamer/gauge dimensions which will be sent to the customer for review. Manufacture of the tooling can begin once dimensions have been finalized.

Below are several ways you can transfer dimensional information about your project reamer to us, and comments concerning them.

- 1—Send us a print of the reamer, chamber or cartridge--this is the easiest way to do it. We'll transcribe the dimensions to our print blanks and we're ready to go.
- 2—Send us a dummy round with the appropriate blanks below filled in. We'll measure your dummy, apply the information provided below and send a set of proposed dimensions to you for review.
- 3—Describe what you want to do by filling in the blanks. For instance, if you want to neck down the Creedmoor case to accept a 22-cal bullet, you'd write "22-cal" in the space following "Caliber" and then "Creedmoor" following "Base Case".

If you want a specific chamber neck diameter, enter that figure after "Neck Diameter". We can design proper throating for your reamer if you provide "COAL" and "Bullet(s) to be Used".

- 4—If it's a completely new/different wildcat, fill in all applicable blanks, and, as with the other methods, we'll send a set of proposed reamer/chamber dimensions for your review.

Page 2 Fill in the blanks....

Caliber_____ Base Case_____

Max. Case Length_____

Shoulder Angle (not applicable if straight case)_____

Shoulder Diameter_____ Neck Diameter_____

Body Length OR Neck Length_____

(whichever is more important to your design)

Bullet(s) to be Used_____

Cartridge Overall Length (COAL)_____

Check Other Features You'd Like:

Finisher_____ Rougher_____ F/L Die Reamer_____

Headspace Gauges: Go_____ No Go_____ Field_____

Solid Pilot_____ Removable Pilot_____ Required Pilot Size_____

Oil Grooves in Pilot_____ TiCN Coating_____

Your Contact Information:

Name_____ E-mail_____

Address_____

Additional Address Info_____ Phone_____

Comments/Questions_____
