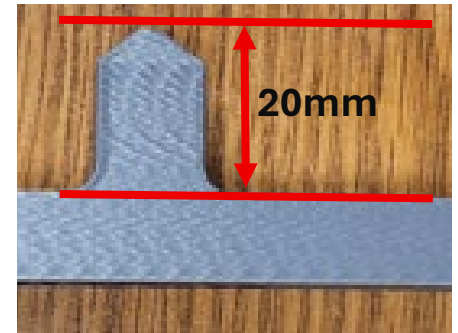
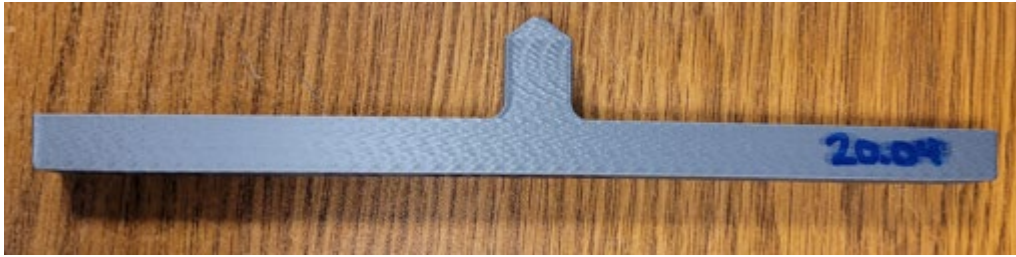




DEPTH OF CURVE GAUGE INSTRUCTIONS



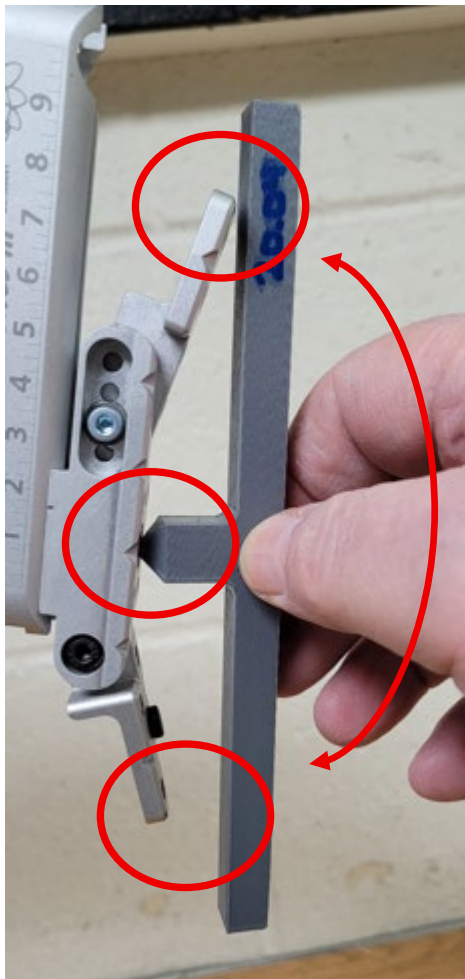
7.4.2.1 Definitions

The following definitions are included to eliminate any doubt as to the parts of the rifle referred to in the Rifle Rules.

c) The depth of curve must not exceed 20mm, (7.4.4.2.g), **measured to the lowest point that is in contact with the shoulder.**

Instructions for use of the depth of curve gauge.

For a “traditional” butt plate, place the point of the gauge in the lowest point in contact with the shoulder. If it rocks back and forth, it's **LEGAL**.





DEPTH OF CURVE GAUGE INSTRUCTIONS

Below is still **LEGAL**



Below is **NOT LEGAL**

Any gap under the point of the gauge is **NOT LEGAL**.





DEPTH OF CURVE GAUGE INSTRUCTIONS

The below is close, but **LEGAL**.



What of this? **Legal** or **Not Legal**?



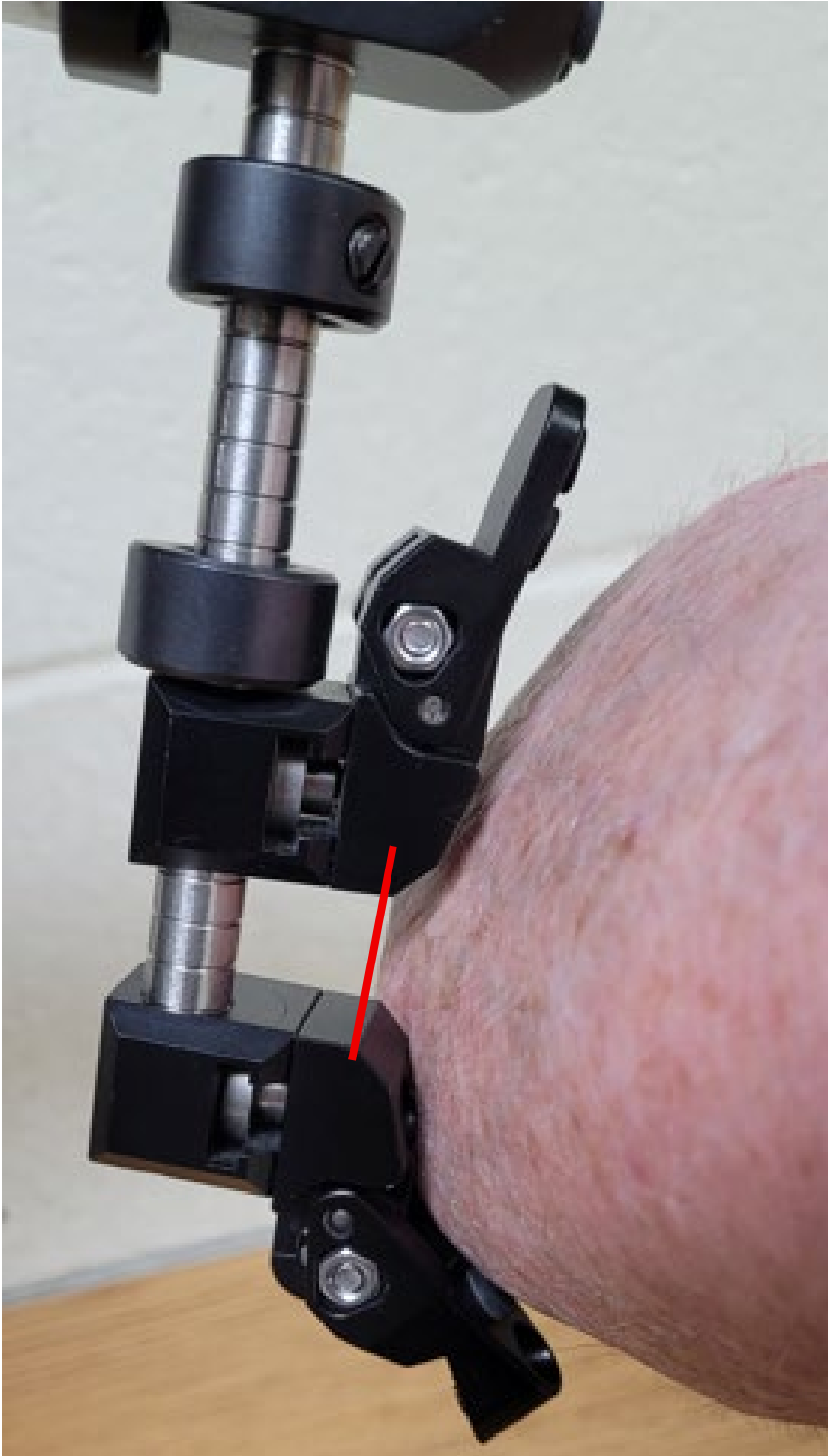
Much debate over this question. Some judges will say not legal by determining the lowest point to be the round rod. Most others will determine (as the rule states) what is the lowest point in contact with the shoulder and measure to there.

See next page.

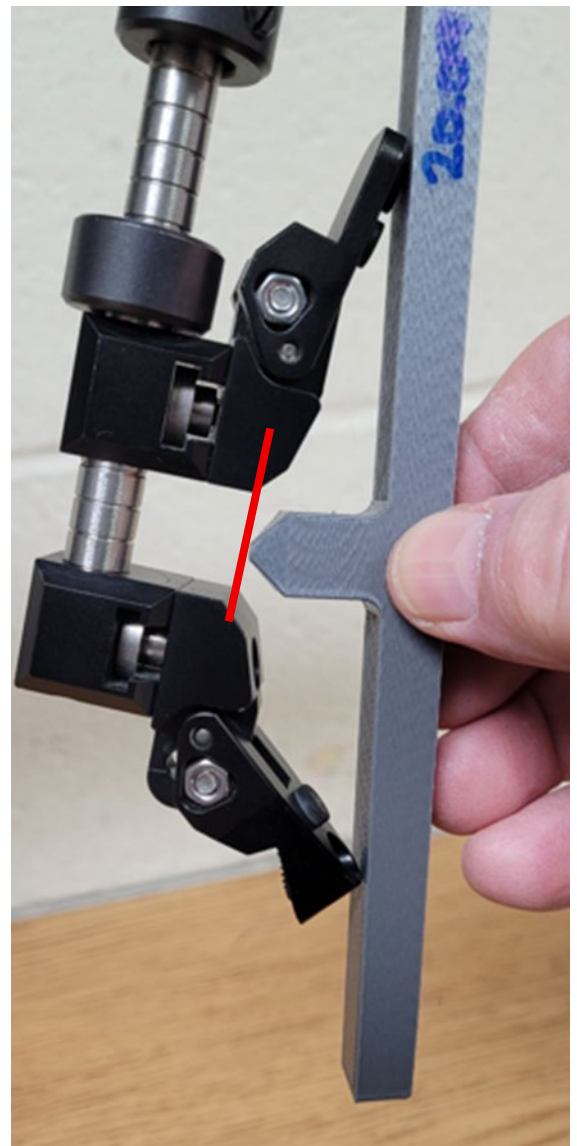


DEPTH OF CURVE GAUGE INSTRUCTIONS

The most common and easiest way to determine the “lowest point in contact with the shoulder” is to use the back of your hand, or the side of your arm or even a kneeling roll and press it into the butt plate. Then have an imaginary line of how far into the butt plate the athlete’s shoulder would actually go. Yes, I know this is quite “subjective” but I have witnessed many ISSF judges measuring this way.



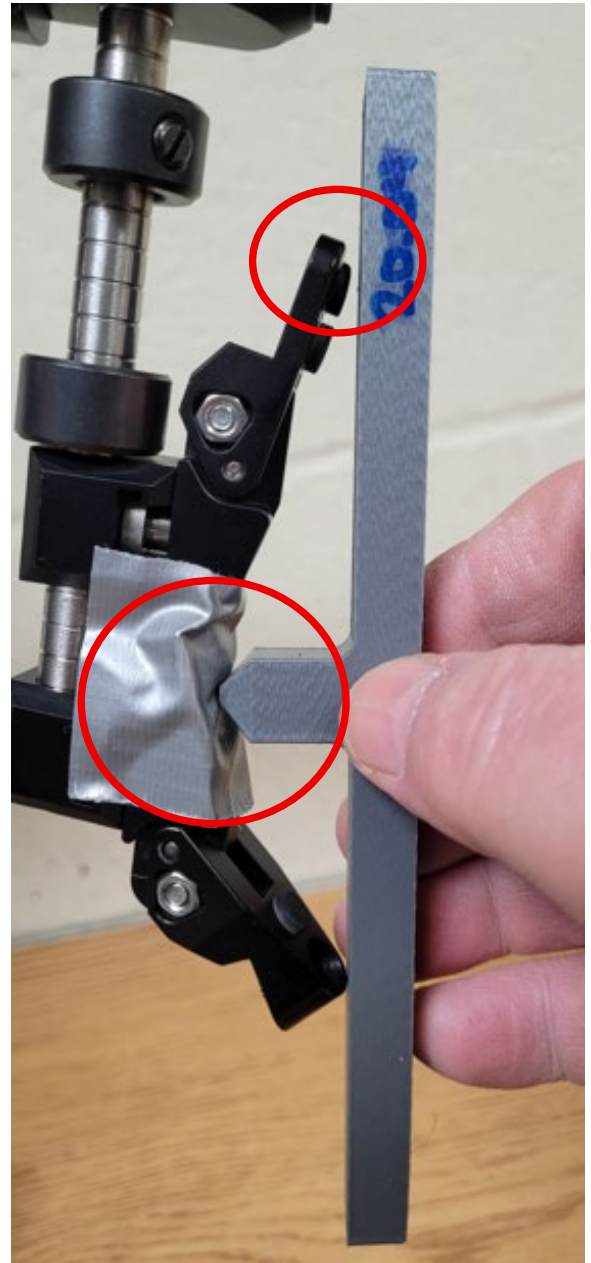
LEGAL.





DEPTH OF CURVE GAUGE INSTRUCTIONS

However, to remove all doubt (for those picky judges) I have seen a glob of tape pushed into the gap, even a hard wad of chewing gum. Then place a piece of tape (black is better) over the glob. A new low point of the curve is now determined. The safest way is to 3D print a small U channel that will clip over the gap and not garner unwanted attention





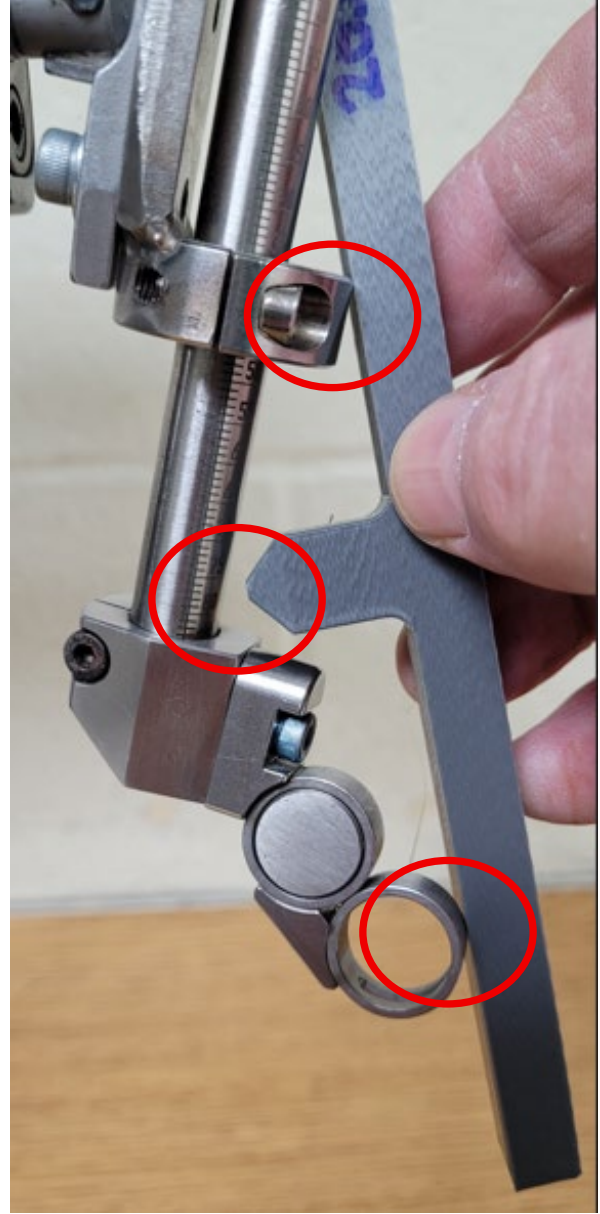
DEPTH OF CURVE GAUGE INSTRUCTIONS

Lastly, what of weird contraptions like this? What do you measure?

Legal or not legal?



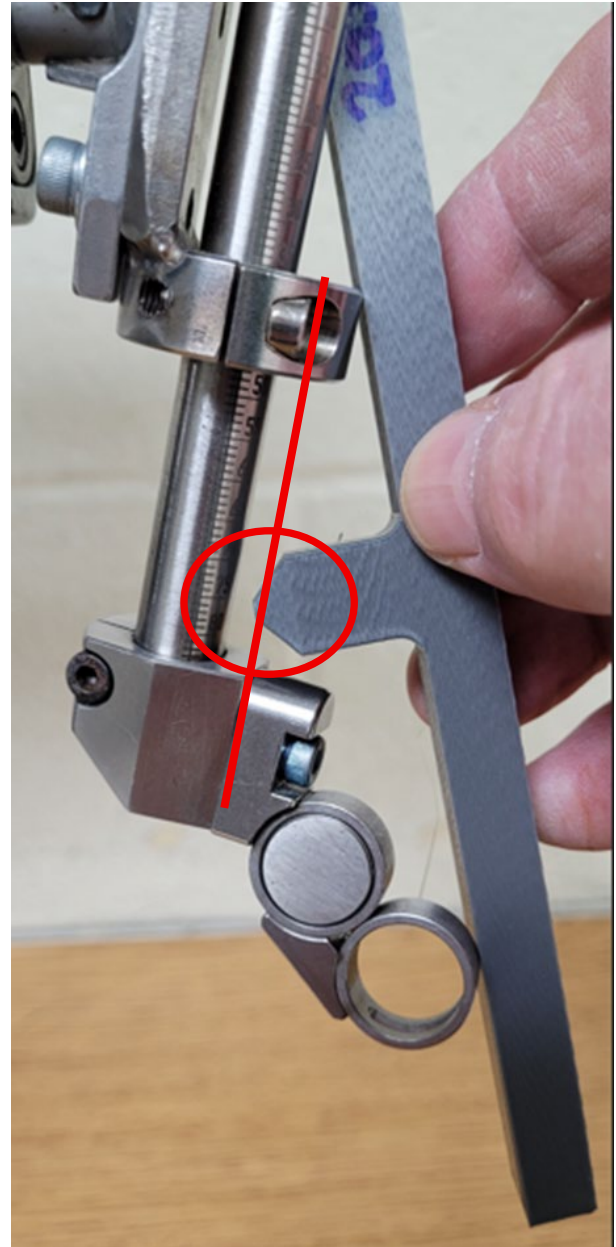
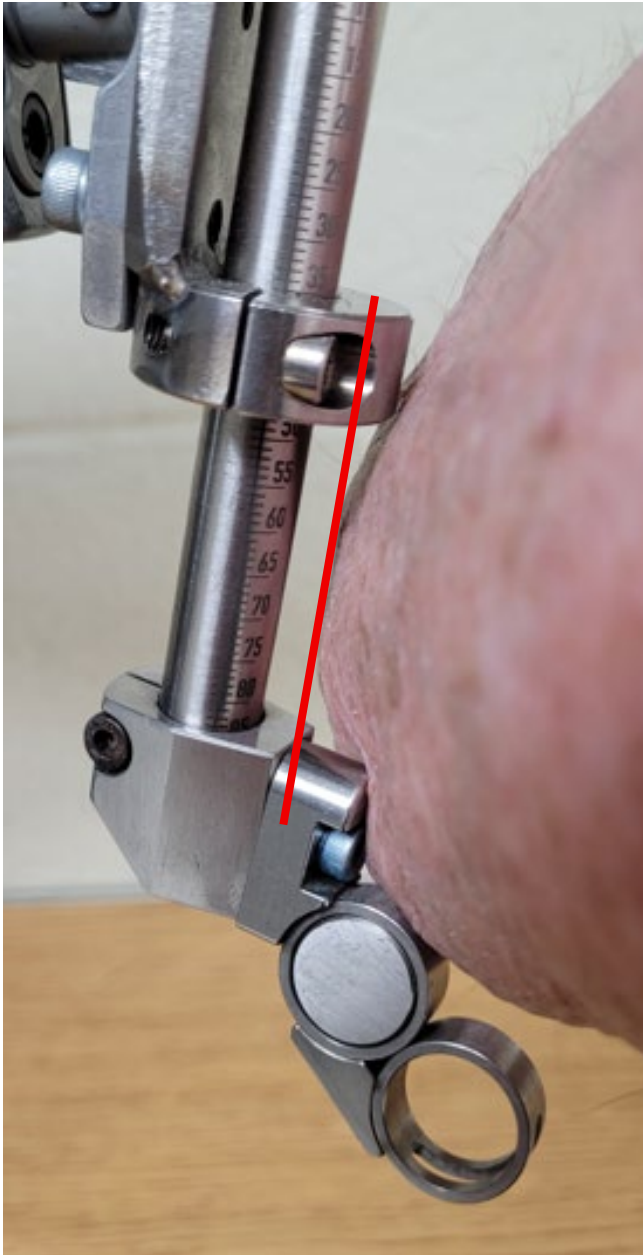
Legal or not legal?





DEPTH OF CURVE GAUGE INSTRUCTIONS

Remember the back of the hand thing. Let's see how this works? Close, but I would say legal. Very much up to the judge's interpretation. Much safer to snap in a piece of 3D printed material, or fill in the gap with more shaft collars.



If the gauge will not fit, simply use a straight edge and a ruler to measure the distance from the straight edge to the low point of the butt plate curve.

I remain available if you have any questions.

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