Question: Will I be less accurate if I use a large diameter peep sight for hunting? **Answer**: The human eye is very good at centering a dot in a round circle. Even the best archers use large peep sights when hunting with no loss in accuracy. Peep sights with openings from 3/16 inch to 1/4 inch are not too large for hunting. Here's another tip. **When the light gets low be careful if you aim with both eyes open because the reduced acuity of your dominant eye may lead to your non-dominant eye taking over the aiming process.** This will throw your shots off badly. It is much better to learn to shoot with your non-dominant eye either squinted or closed under these conditions.