

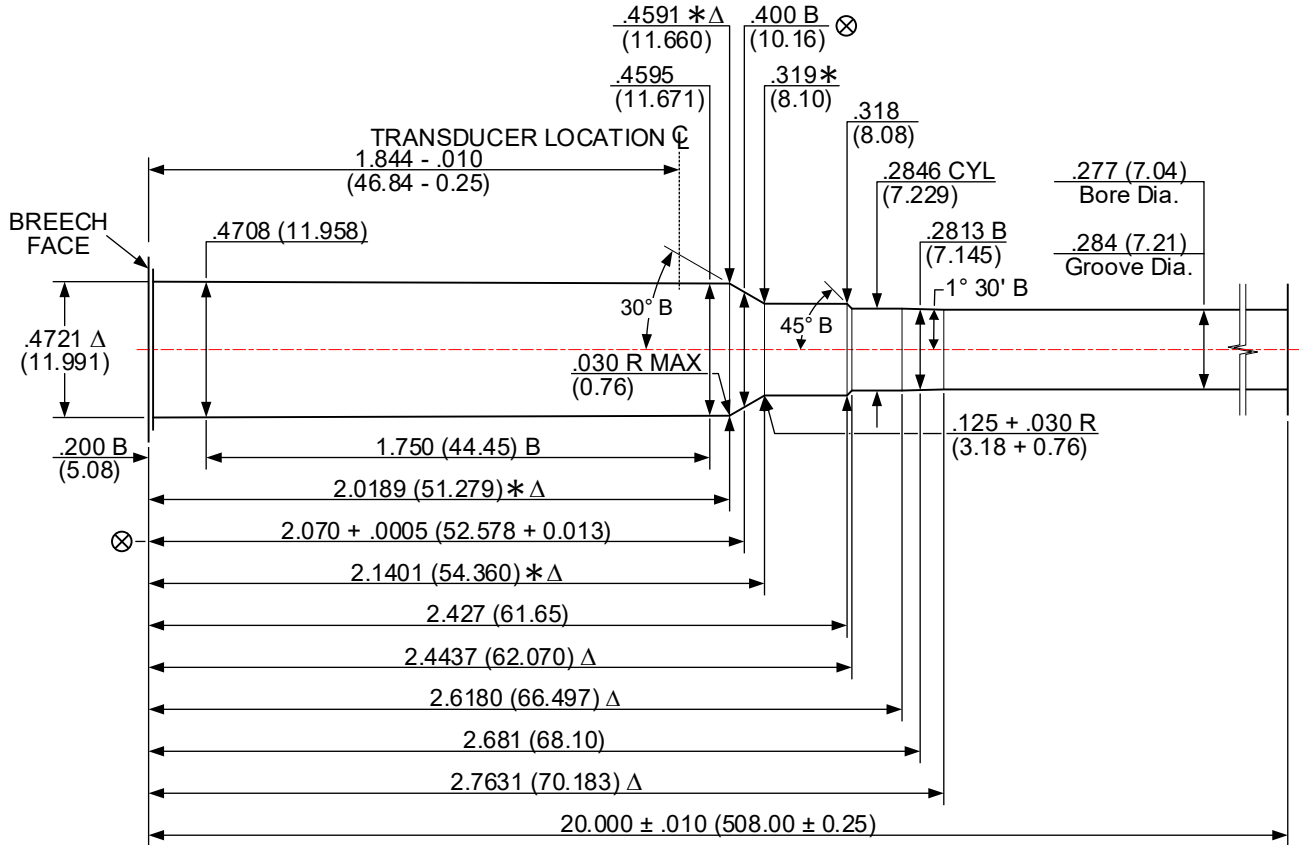


**VELOCITY & PRESSURE TEST BARREL**

**7MM BACKCOUNTRY [7MM BC]**

ISSUED: 01/19/2025 V&P TEST BARREL REVISED: -/-/-

**WARNING:** Maximum Average Pressure levels greater than 65,000 psi may present increased risk of unsafe cartridge case or firearm rupture and thus require cartridge case and/or firearm designs that depart from traditional practices (materials, construction, and other design criteria).



NUMBER OF GROOVES: 5  
 WIDTH OF GROOVES: .111 + .002 (2.82 + 0.05)  
 TWIST RATE: 8.00 (203.2) R.H.  
 DIAMETER OF PISTON HOLE: Crusher Pressures Not Established  
 TRANSDUCER DIAMETER: .250 (6.35)

LAND AND GROOVE DIMENSIONS TO BE WITHIN TOLERANCES THROUGHOUT LENGTH OF BARREL.

UNLESS OTHERWISE NOTED, ALL DIAMETERS +.0005 (0.013) LENGTH TOLERANCE + .005 (0.13)

**DO NOT SCALE FROM DRAWING**

**NOTES:**

- B = BASIC Δ = REFERENCE DIMENSION ⊗ = HEADSPACE DIMENSION
- \* DIMENSIONS ARE TO INTERSECTIONS OF LINES (XX.XX) = MILLIMETERS
- ALL CALCULATIONS APPLY AT MAXIMUM MATERIAL CONDITION (MMC)

Support products supplier:

- Federal Cartridge (The Kinetic Group)
- Jake Cahill.....ph. 208-553-6124..... email: [jake.cahill@tkghunt.com](mailto:jake.cahill@tkghunt.com)
- Mallori Nelson .....ph. 208-750-3142..... email: [mallori.nelson@tkghunt.com](mailto:mallori.nelson@tkghunt.com)

Order symbols/part numbers:

Reference rounds: P7BCSAAMI Dummy rounds: P7BCDUMMY Proof ammunition: P7BCPROOF