

SAAMI New Cartridge & Chamber – 6.8 True Velocity Composite

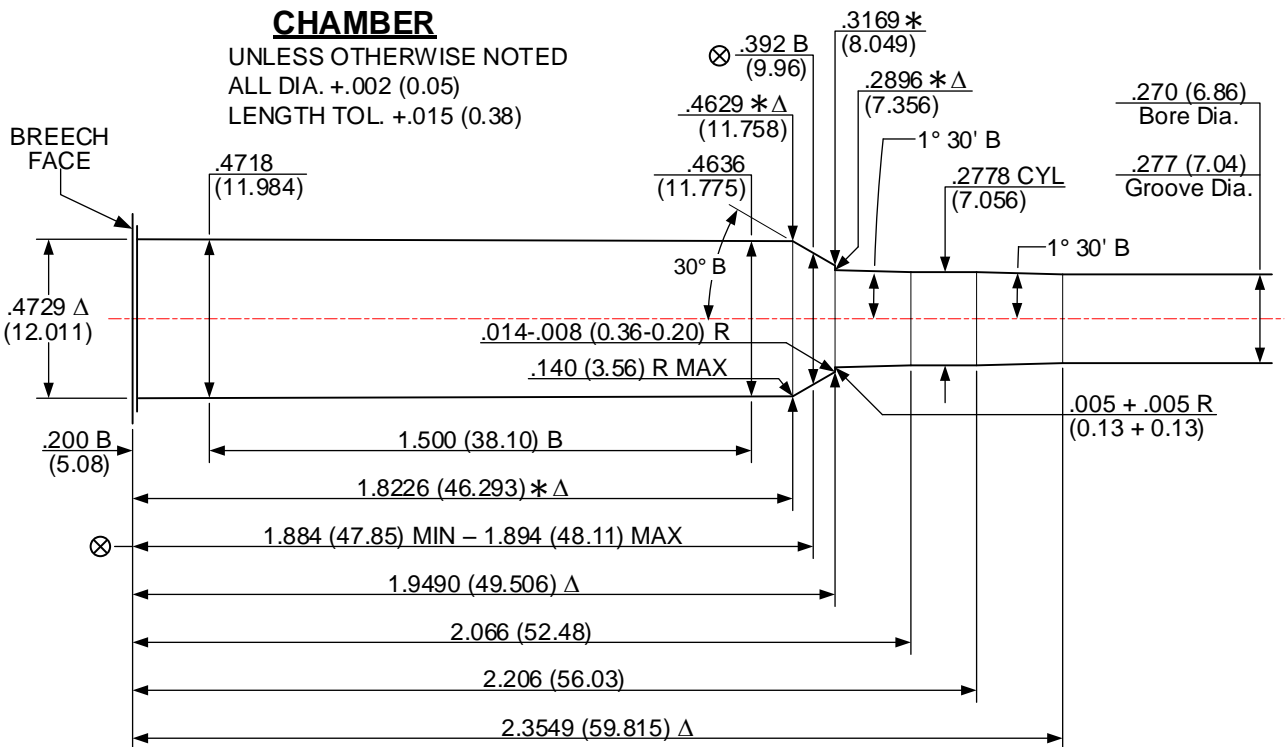
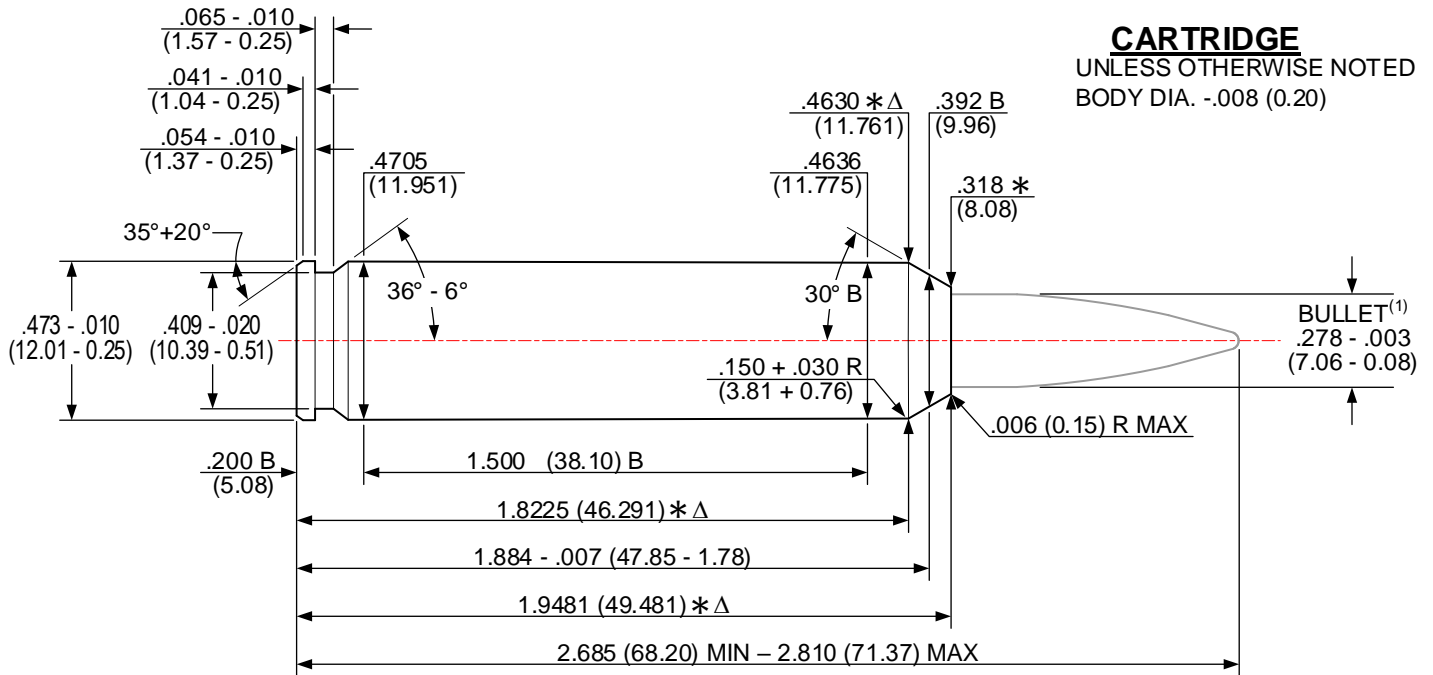
Maximum Average Pressure (MAP)* = 65,000 psi
 Crusher pressure limits not established.

Instrumental Velocity: 150-gr @ 2,700 fps

* Refer to SAAMI Z299.4 for pressure guideline interpretation description.

CARTRIDGE & CHAMBER

ISSUED: 01/16/2022 **6.8 TRUE VELOCITY COMPOSITE [6.8 TVC]** **REVISED: -/-/-/-/-**



Δ 5 GROOVES TWIST: 8.00 (203.2) R.H. OPTIONAL
 Δ .120+.002 (3.05+0.05) WIDE MINIMUM BORE & GROOVE AREA: .0594 in² (38.322 mm²)

NOTE:
 B = BASIC (XX.XX) = MILLIMETERS ⊗ = HEADSPACE DIMENSION
 Δ = REFERENCE DIMENSION * = DIMENSIONS ARE TO INTERSECTION OF LINES
 ALL CALCULATIONS APPLY AT MAXIMUM MATERIAL CONDITION (MMC)
 (1) – BULLET PROFILE IS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY

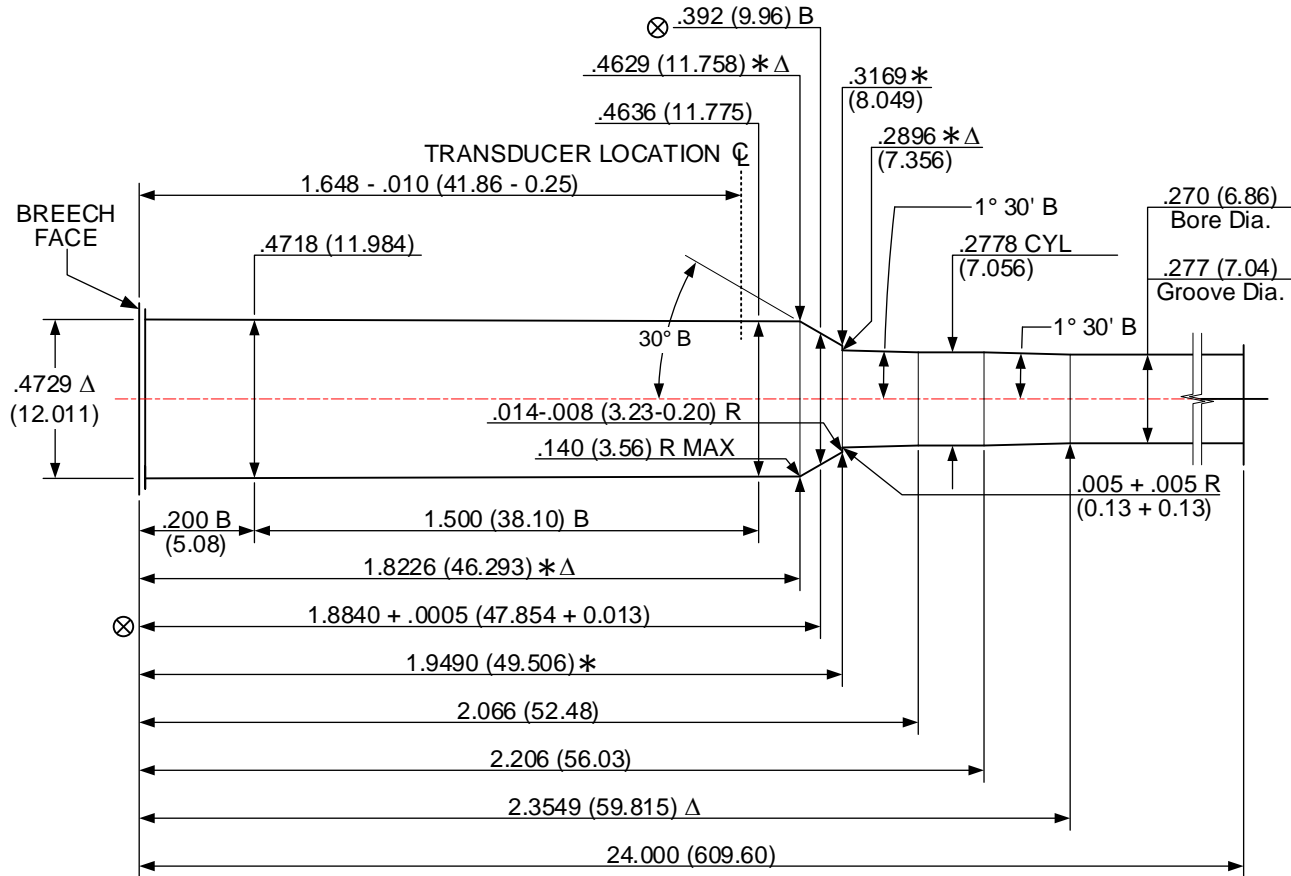
DO NOT SCALE FROM DRAWING

VELOCITY & PRESSURE TEST BARREL

6.8 TRUE VELOCITY COMPOSITE (6.8 TVC)
V&P Test Barrel

ISSUED: 01/16/2022

REVISED: -/-/-/-



DO NOT SCALE FROM DRAWING

- NUMBER OF GROOVES: 5
- WIDTH OF GROOVES: .120 + .002 (3.05 + 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)

NOTE:

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