

SAAMI New Cartridge & Chamber

Maximum Average Pressure (MAP)* = 46,000 psi
 Crusher pressures not established.

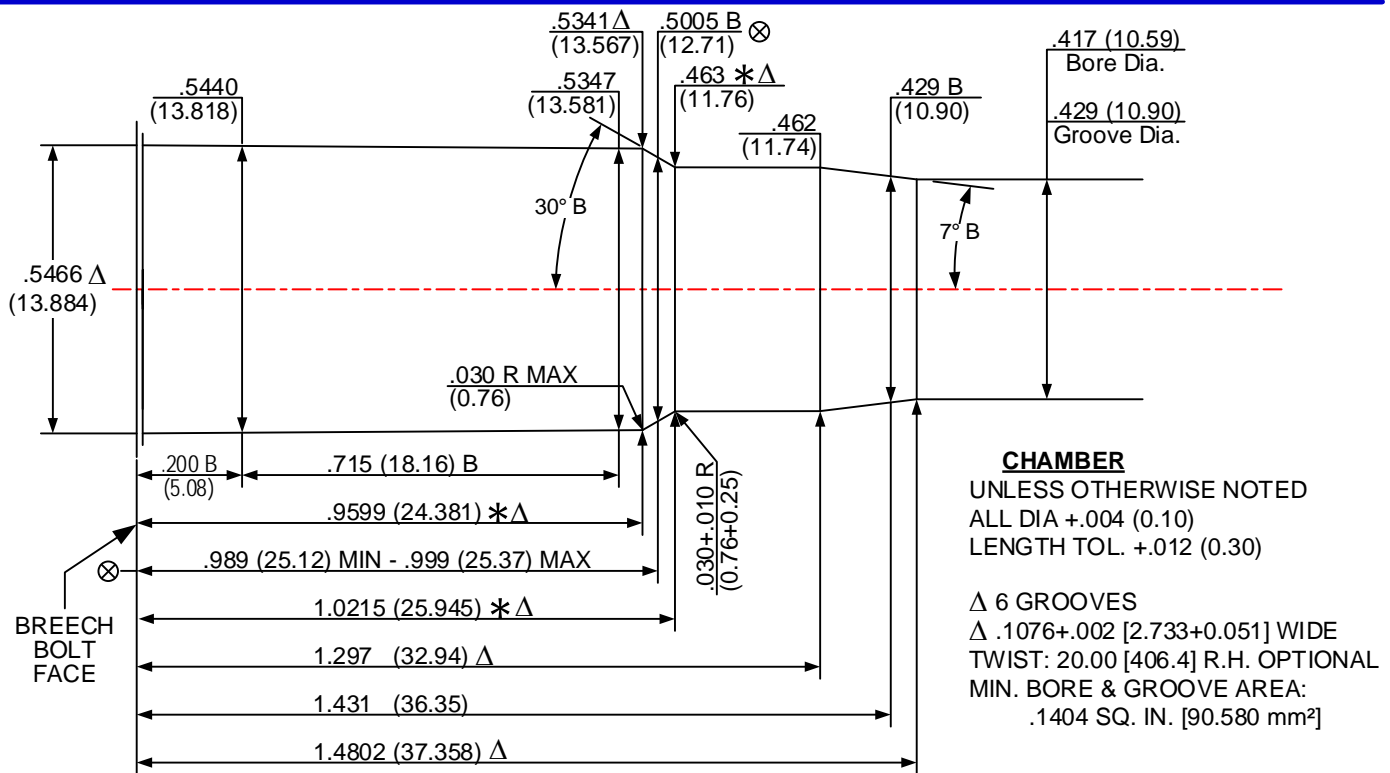
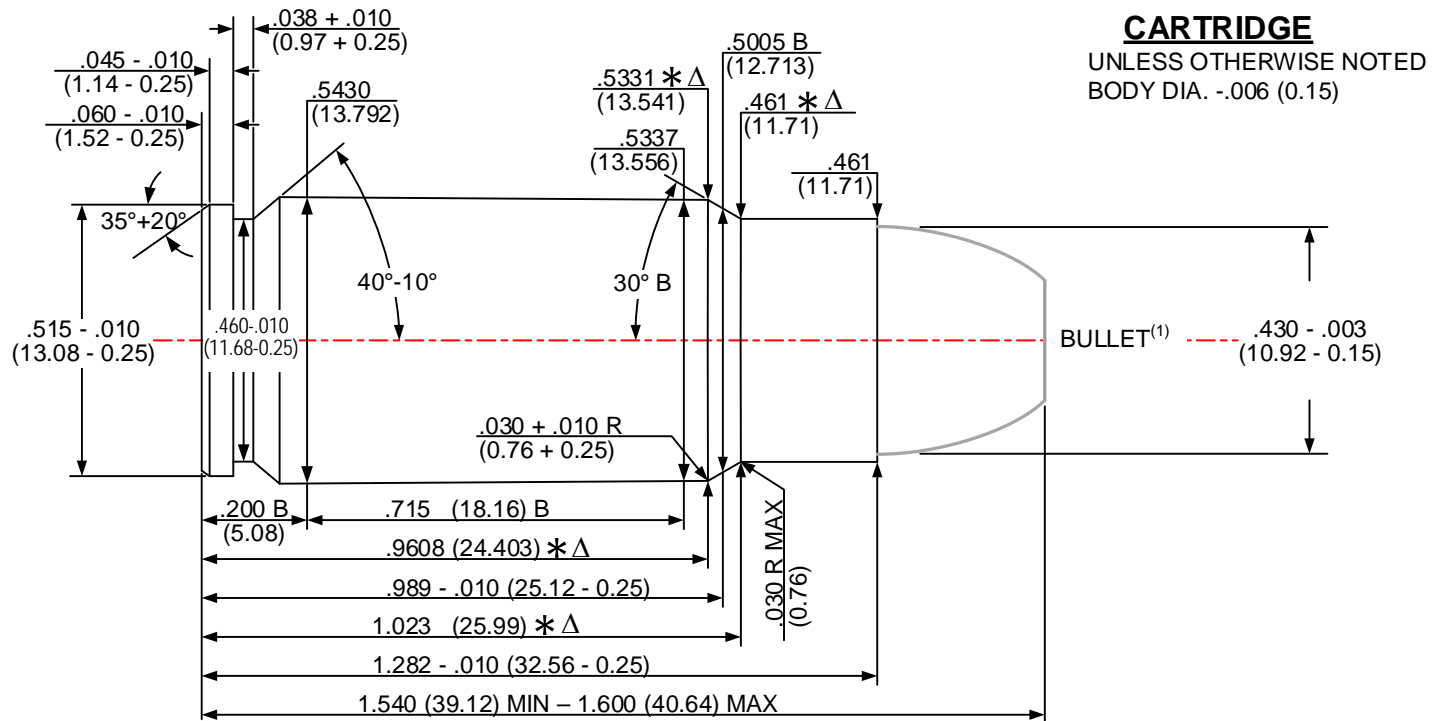
Instrumental Velocity**: 240-gr @ 1,720 fps
 (** - Based on a 6" SAAMI-compliant test barrel)

* Refer to American National Standard SAAMI Z299.3 for pressure guideline interpretation description.

ISSUED: 01/19/2021

429 DESERT EAGLE [429 DE]

REVISED: -/-/-/-



DO NOT SCALE FROM DRAWING

NOTE:

B = BASIC

Δ = REFERENCE DIMENSION

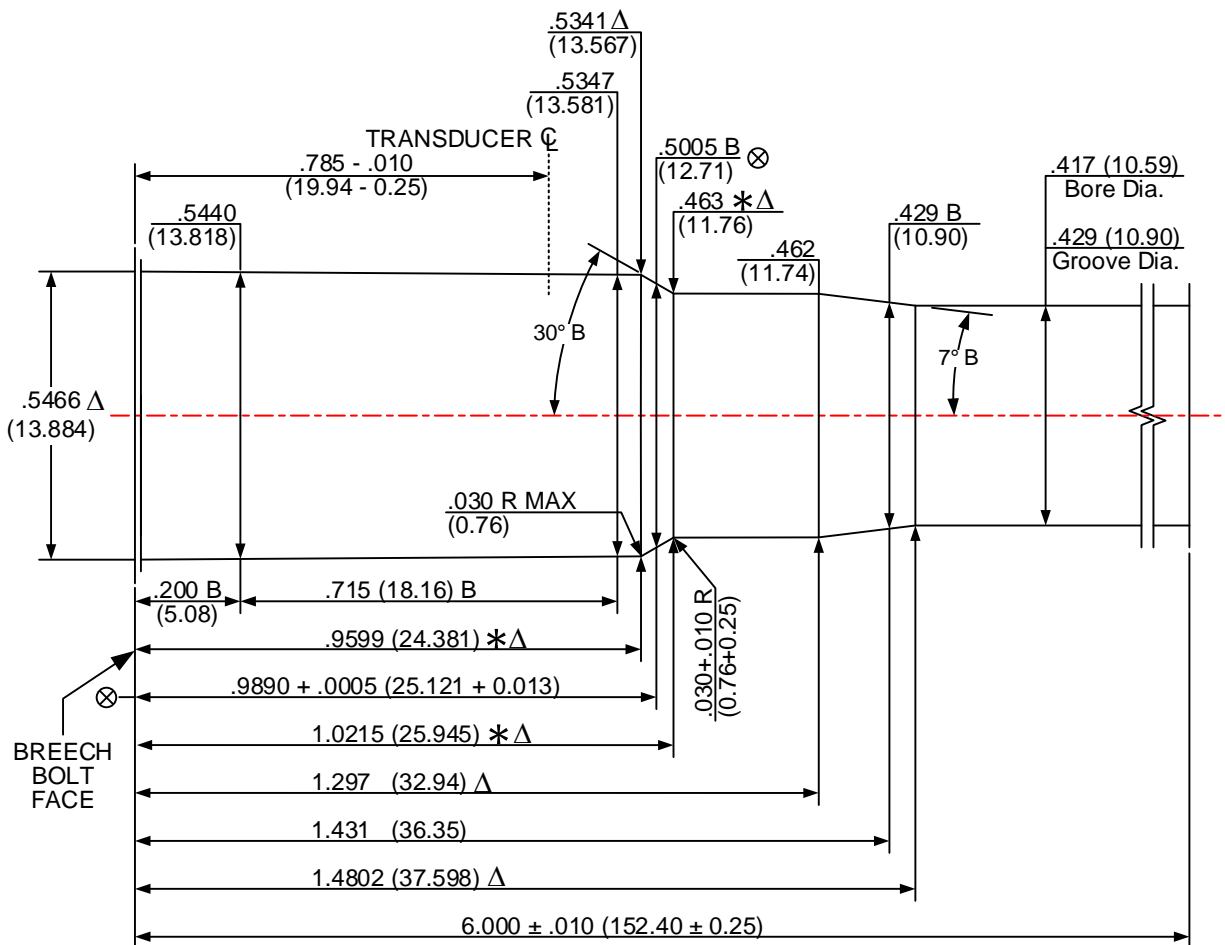
ALL CALCULATIONS APPLY AT MAXIMUM MATERIAL CONDITION (MMC)

(1) - BULLET PROFILE IS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY

(XX.XX) = MILLIMETERS

* = DIMENSIONS ARE TO INTERSECTION OF LINES

⊗ = HEAD SPACE DIMENSION



DO NOT SCALE FROM DRAWING

- NUMBER OF GROOVES: 6
- WIDTH OF GROOVES: .1076 + .0020 (2.733 + 0.051)
- TWIST RATE: 20.00 (508.0) RH
- 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)