

# SAAMI New Cartridge & Chamber

Maximum Average Pressure (MAP)\* = 80,000 psi

Crusher pressures not established.

\* Refer to *American National Standard SAAMI Z299.4* for pressure guideline interpretation description.

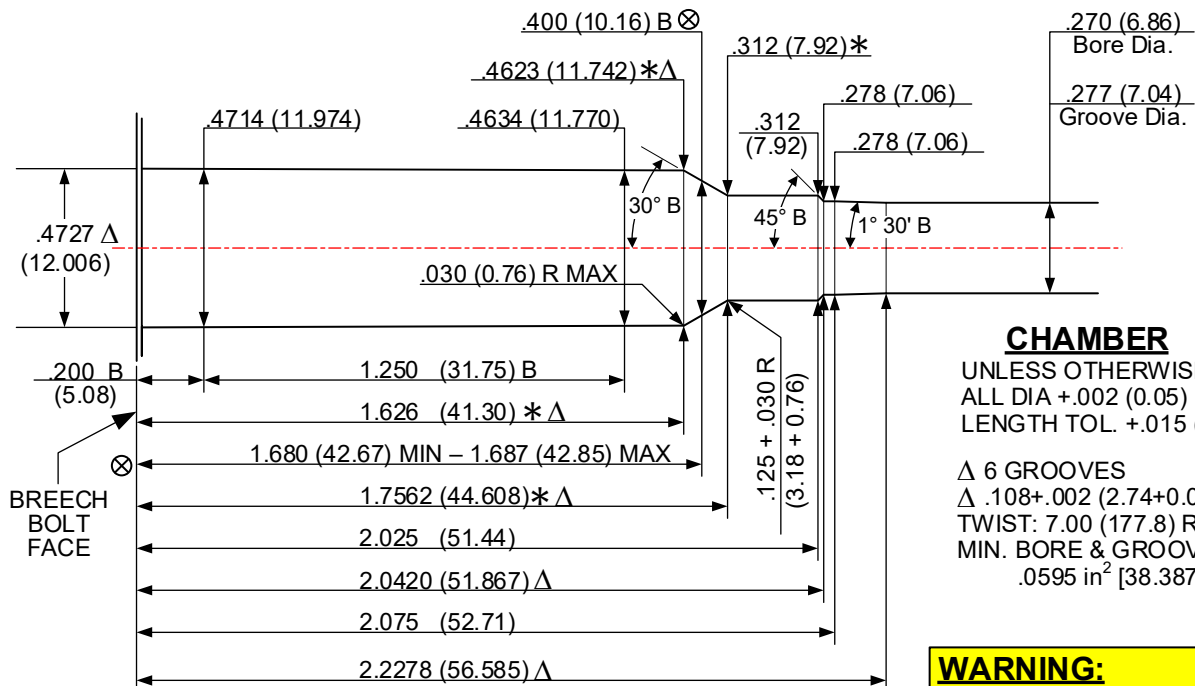
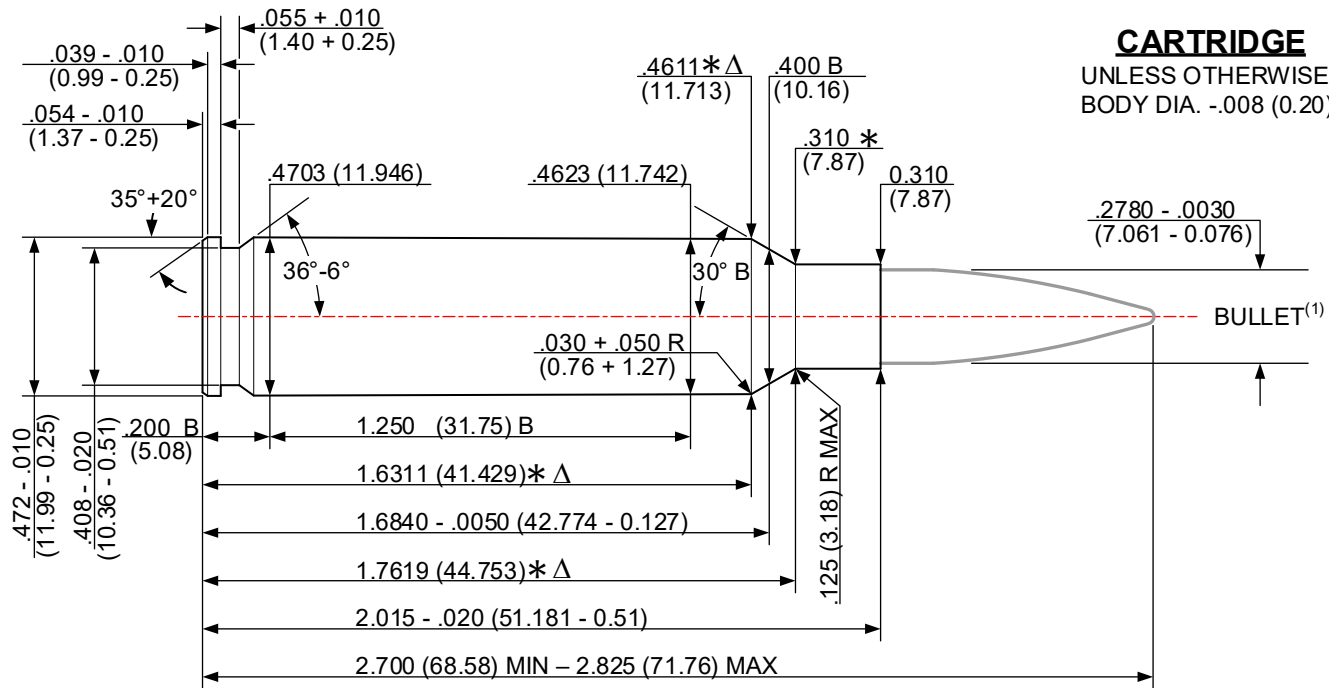
Instrumental Velocity\*\*: 135-gr @ 3,000 fps

(\*\* - Based on a 16" SAAMI-compliant test barrel)

ISSUED: 09/23/2020

277 SIG FURY [277 SIG FURY]

REVISED: -/-/-/-/-



DO NOT SCALE FROM DRAWING

## 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

## 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).

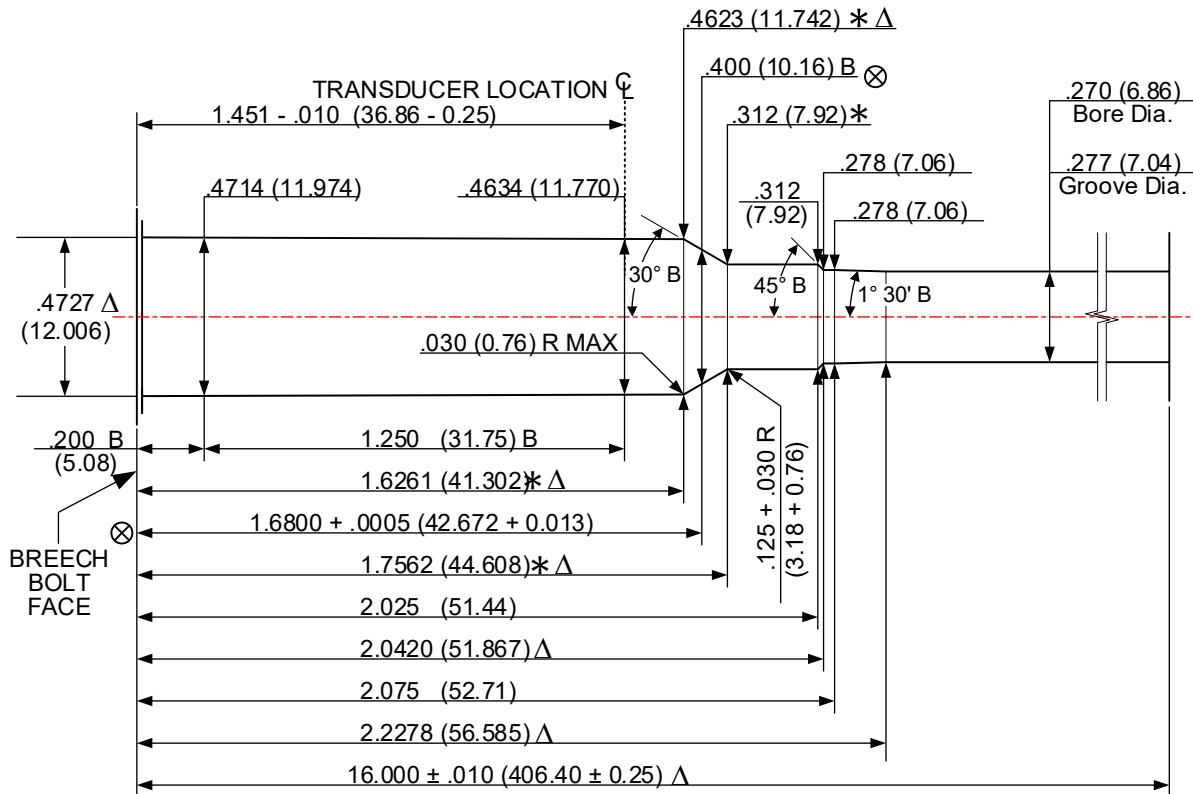
Issued: 09/23/2020

**277 SIG FURY 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).

**DO NOT SCALE FROM DRAWING**

NUMBER OF GROOVES: 6

WIDTH OF GROOVES: .108 + .002 (4.06 + 0.05)

TWIST RATE: 7.00 (254.0) RH

DIAMETER OF PISTON HOLE: Crusher pressures not established

TRANSUDUCER 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)