

SAAMI New Cartridge, Chamber, & Test Barrel

6MM ADVANCED RIFLE CARTRIDGE

Maximum Average Pressure (MAP)* = 52,000 psi

Instrumental Velocity**: 108-gr @ 2,700 fps

Crusher pressure limits not established.

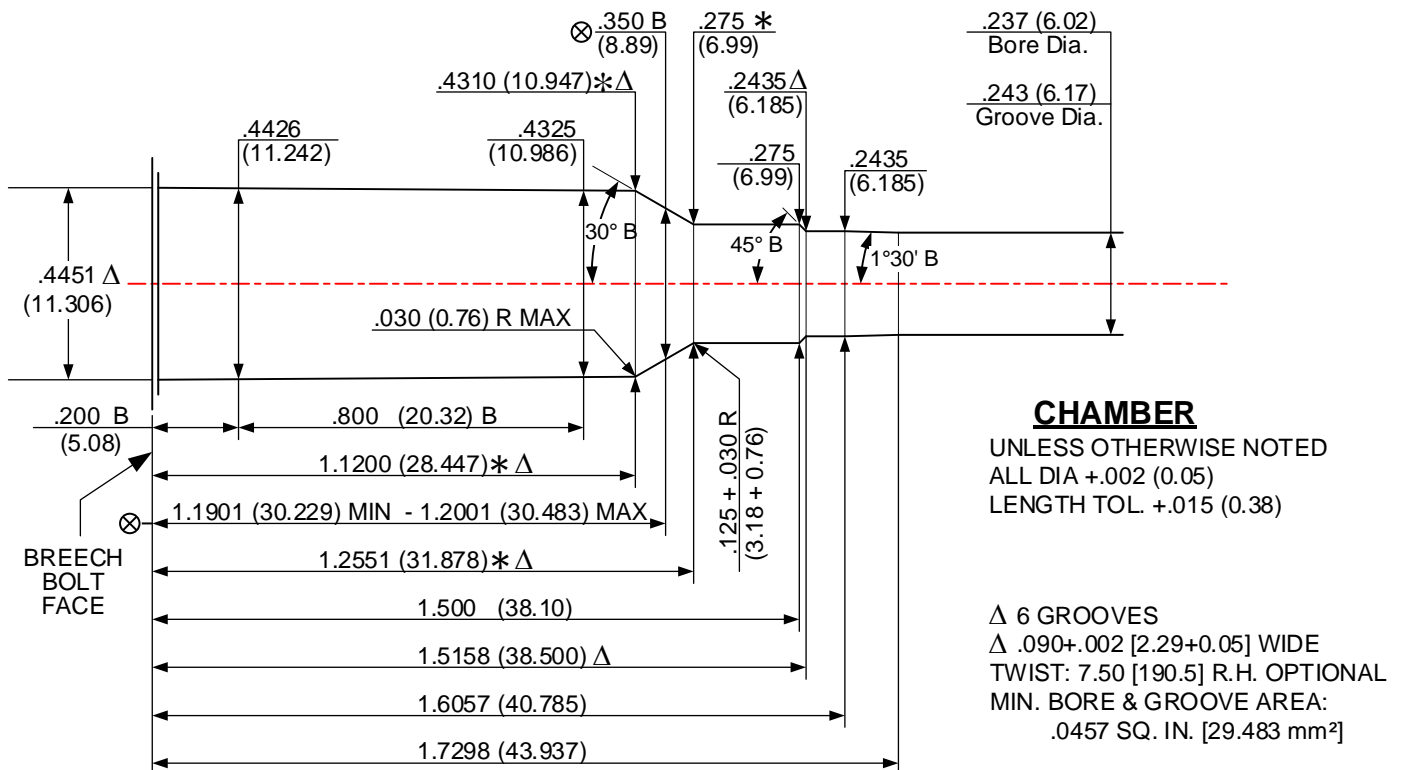
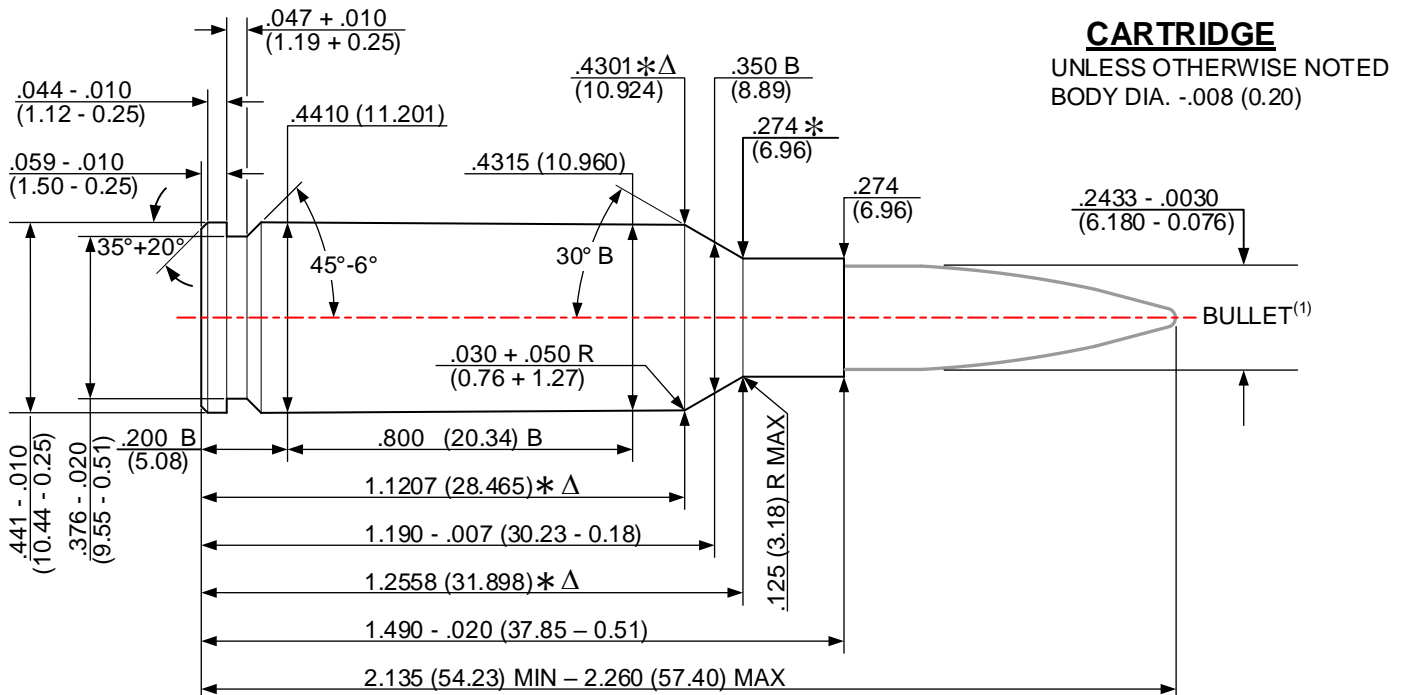
(** - Velocity based on a 24" Test Barrel)

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

ISSUED: 01/20/2020

6mm Advanced Rifle Cartridge [6mm ARC]

REVISED: 06/12/2020



NOTE:

B = BASIC

(XX.XX) = MILLIMETERS

\otimes = HEADSPACE DIMENSION

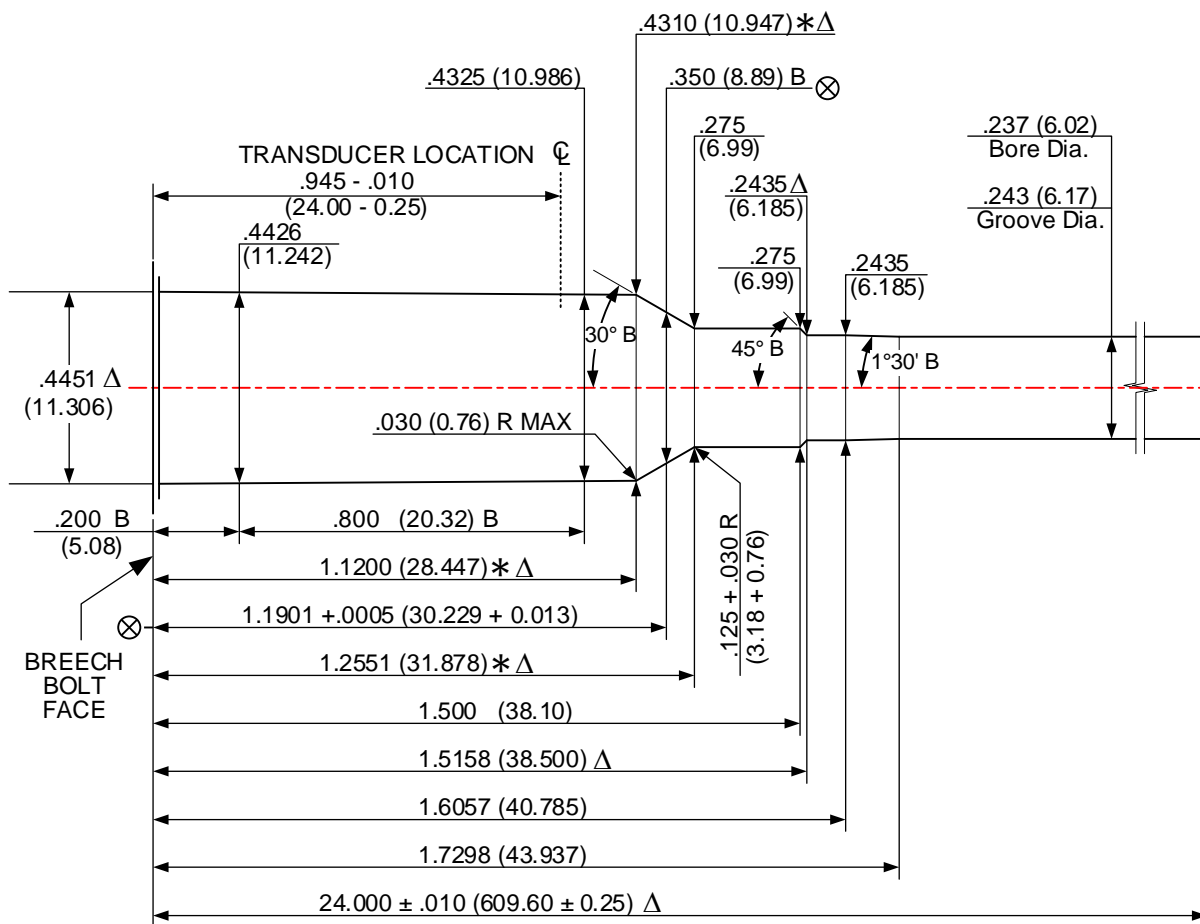
Δ = REFERENCE DIMENSION

* = 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



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- NUMBER OF GROOVES: 6
- WIDTH OF GROOVES: .090 + .002 (2.29 + 0.05)
- TWIST RATE: 7.50 (190.5) 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)

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- ALL CALCULATIONS APPLY AT MAXIMUM MATERIAL CONDITION (MMC)