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.

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

** - Velocity based on a 24" Test Barrel

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**CARTRIDGE**

**UNLESS OTHERWISE NOTED**

**BODY DIA.:** .008 (0.20)

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**CHAMBER**

**UNLESS OTHERWISE NOTED**

**ALL DIA.: +.002 (0.05)**

**LENGTH TOL.: +.015 (0.38)**

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**NOTE:**

B = BASIC

Δ = REFERENCE DIMENSION

(XX.XX) = MILLIMETERS

*X* = DIMENSIONS ARE TO INTERSECTION OF LINES

**= HEADSPACE DIMENSION

ALL CALCULATIONS APPLY AT MAXIMUM MATERIAL CONDITION (MMC)

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

**DO NOT SCALE FROM DRAWING**
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)

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)