

New Cartridge & Chamber

338 Advanced Rifle Cartridge (338 ARC)

Maximum Average Pressure (MAP)* = 52,000 psi
Crusher pressure limits not established.

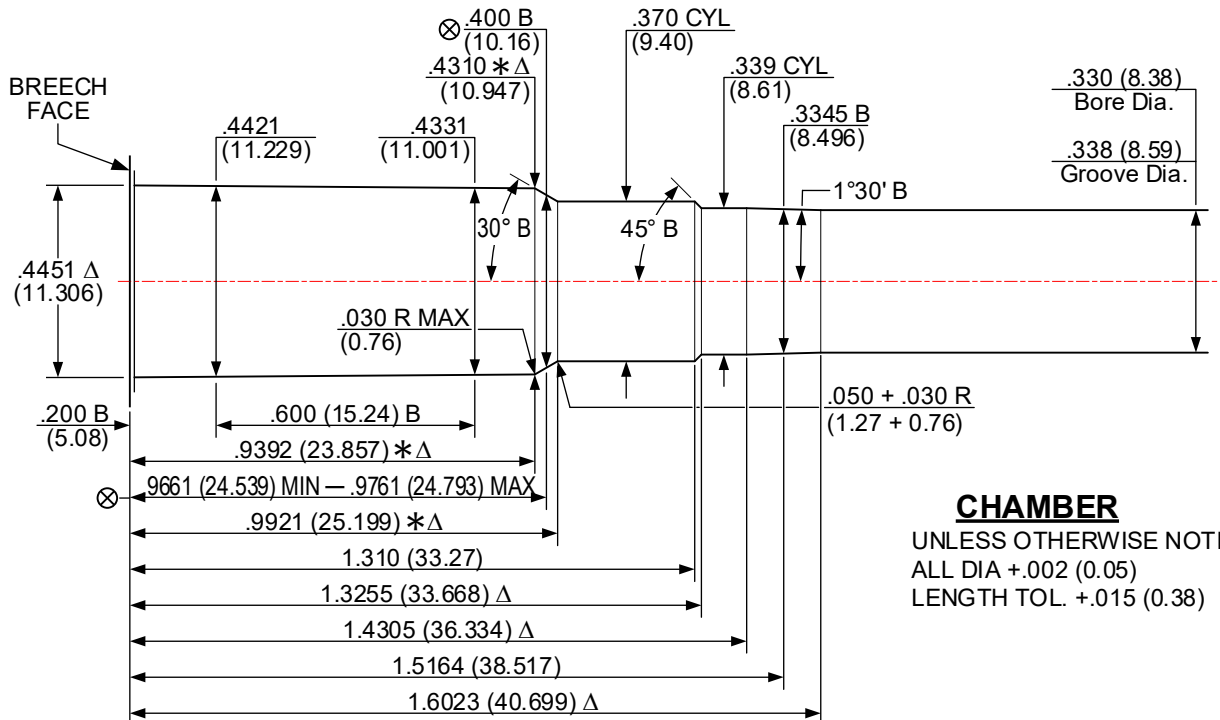
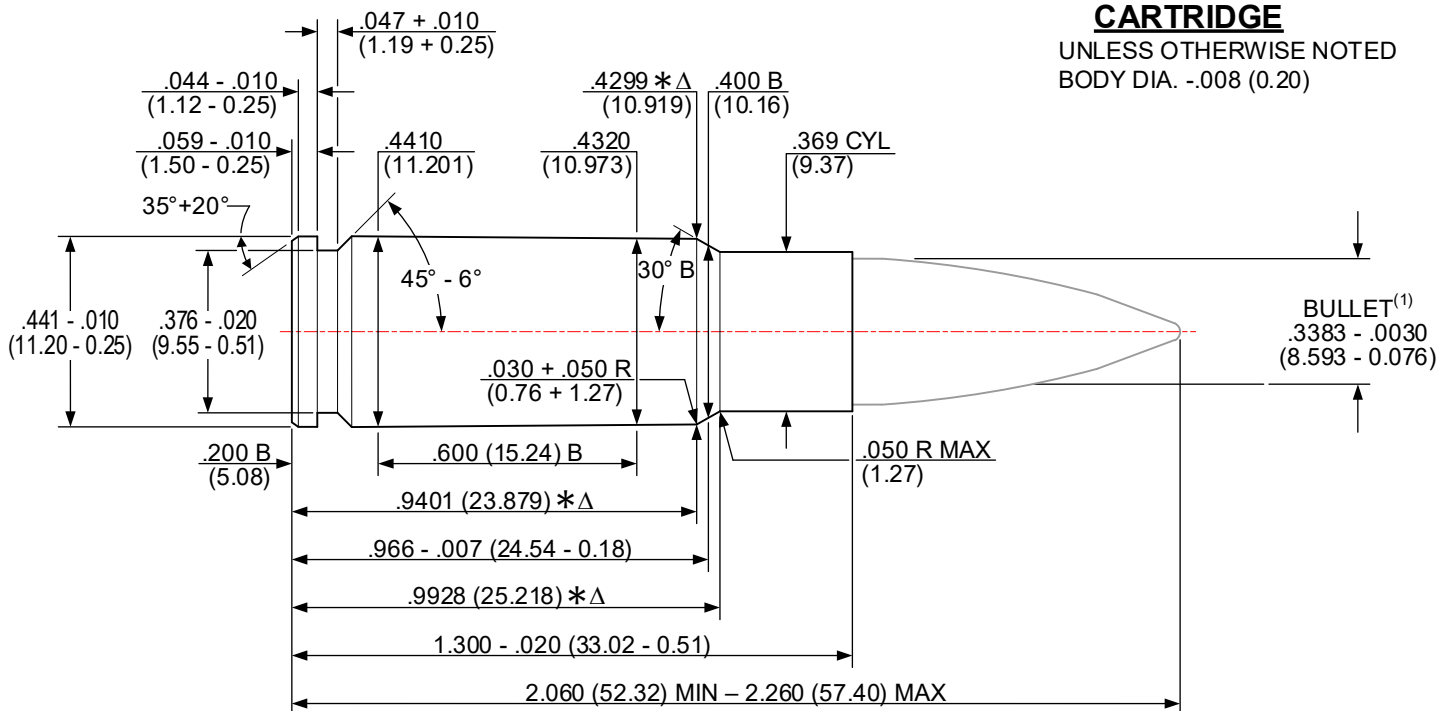
Instrumental Velocity: 175-gr @ 2,050 fps
* Refer to SAAMI Z299.4 for pressure guideline interpretation description.

MAXIMUM CARTRIDGE / MINIMUM CHAMBER

ISSUED: 01/19/2025

338 ADVANCED RIFLE CARTRIDGE [338 ARC]

REVISED: -/-/-/-/-



Δ 6 GROOVES

Δ .110 $+.002$ (2.79 $+0.05$) WIDE

TWIST: 8.00 (203.2) R.H. OPTIONAL

MINIMUM BORE & GROOVE AREA: .0882 in² (56.903 mm²)

NOTES:

B = BASIC

Δ = REFERENCE DIMENSION

(XX.XX) = MILLIMETERS

* = DIMENSIONS ARE TO INTERSECTION OF LINES

\otimes = HEADSPACE DIMENSION

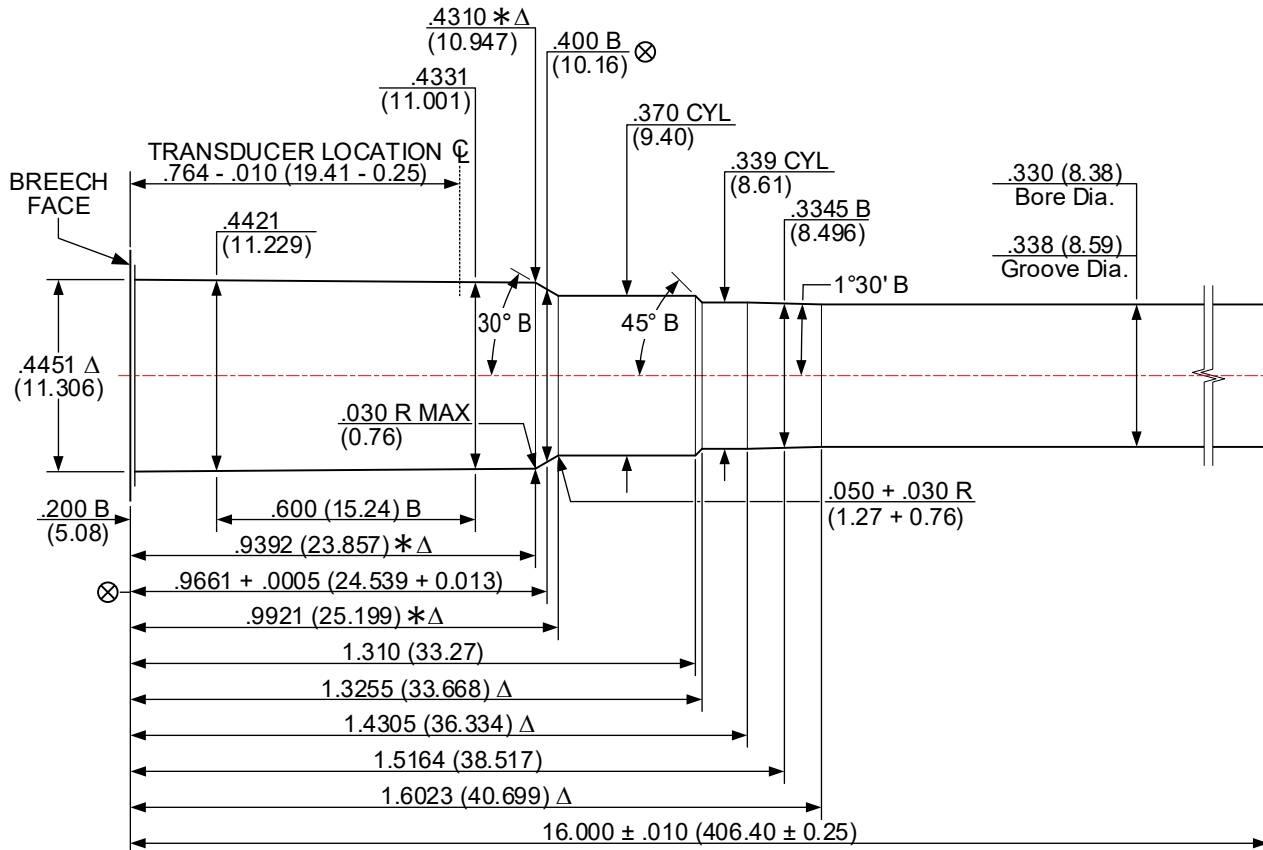
ALL CALCULATIONS APPLY AT MAXIMUM MATERIAL CONDITION (MMC)

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

DO NOT SCALE FROM DRAWING

VELOCITY & PRESSURE TEST BARREL

338 ADVANCED RIFLE CARTRIDGE [338 ARC]
 ISSUED: 01/19/2025 V&P TEST BARREL REVISED: -/-/-/-



NUMBER OF GROOVES: 6
 WIDTH OF GROOVES: .110 + .002 (2.79 + 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)

DO NOT SCALE FROM DRAWING

NOTES:

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

Support products supplier:

Hornady Manufacturing Company
 Katie Glover.....ph. 308382-5761 x271 email: kglover@hornady.com

Order symbols/part numbers:

Reference rounds: 82271R Dummy rounds: 82271D Proof ammunition: 82271P