

# New Cartridge & Chamber 5.7 X 28 FN (5.7 FN)

Maximum Average Pressure (MAP)\* = 48,500 psi  
Crusher pressure limits not established.

Instrumental Velocity: 40-gr @ 1,750 fps  
\* Refer to SAAMI Z299.3 for pressure guideline interpretation description.

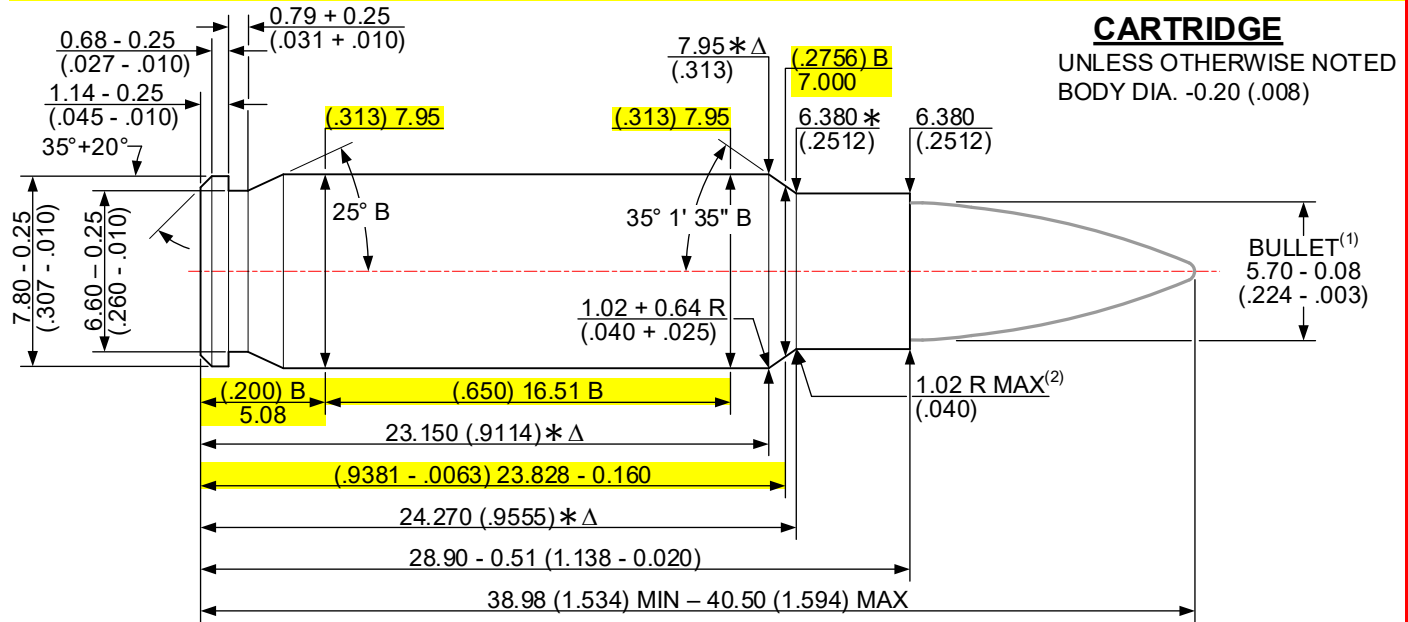
## MAXIMUM CARTRIDGE / MINIMUM CHAMBER

ISSUED: 07/11/2024

### 5.7 X 28 FN [5.7 FN]

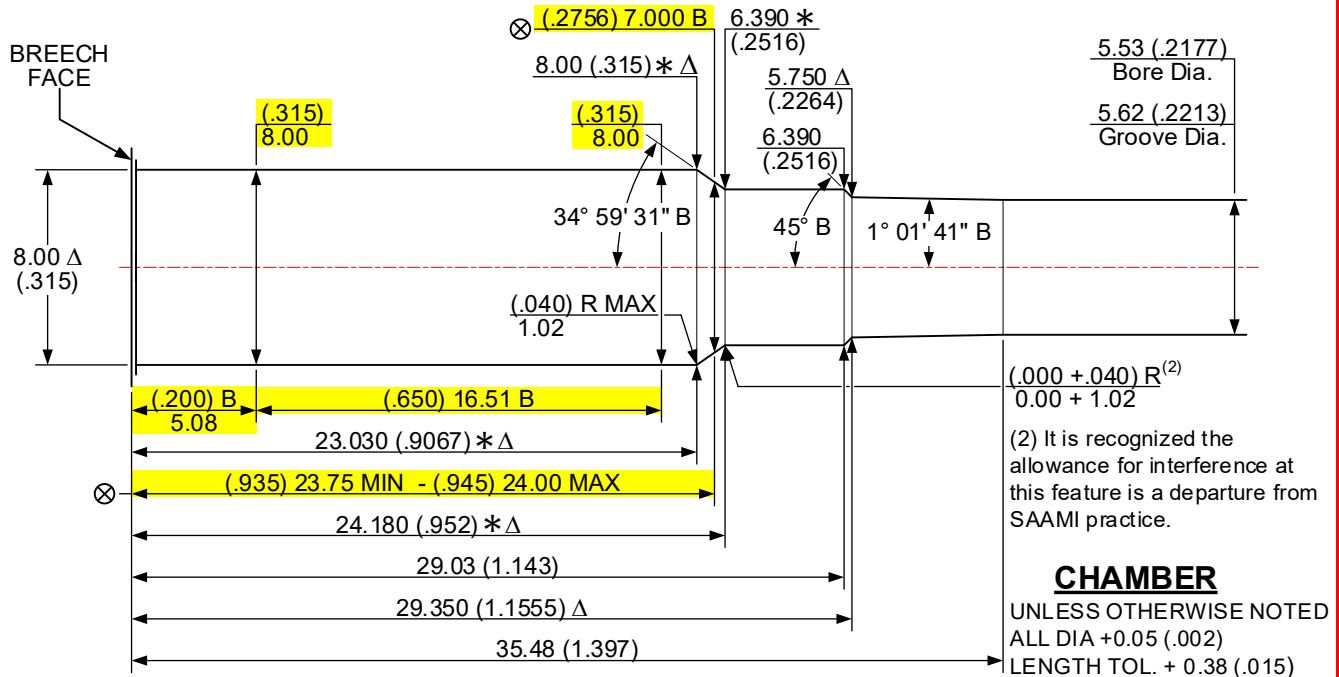
REVISED: -/-/-/-

**NOTE:** This design may require the application of a lubricant or other surface treatment on the cartridge case by the ammunition manufacturer to ensure proper gun functioning. Additionally, typical dimensional tolerances and relationships between the cartridge and chamber dimensions may deviate from conventional designs.



HIGHLIGHTED DIMENSIONS HAVE NO CORRESPONDING C.I.P. ANALOG. THE ENGLISH UNITS FOR THESE ARE THE ORIGINAL VALUES; METRIC VALUES ARE CALCULATED AND ROUNDED.

METRIC ORIGIN (5.7 X 28)



(2) It is recognized the allowance for interference at this feature is a departure from SAAMI practice.

**CHAMBER**  
UNLESS OTHERWISE NOTED  
ALL DIA +0.05 (.002)  
LENGTH TOL. + 0.38 (.015)

Δ 8 GROOVES TWIST: 228.6 (9.00) R.H. OPTIONAL  
Δ 1.63+0.05 (.064+.002) WIDE MINIMUM BORE & GROOVE AREA: 24.580 mm<sup>2</sup> (.0381 in<sup>2</sup>)

**NOTES:**

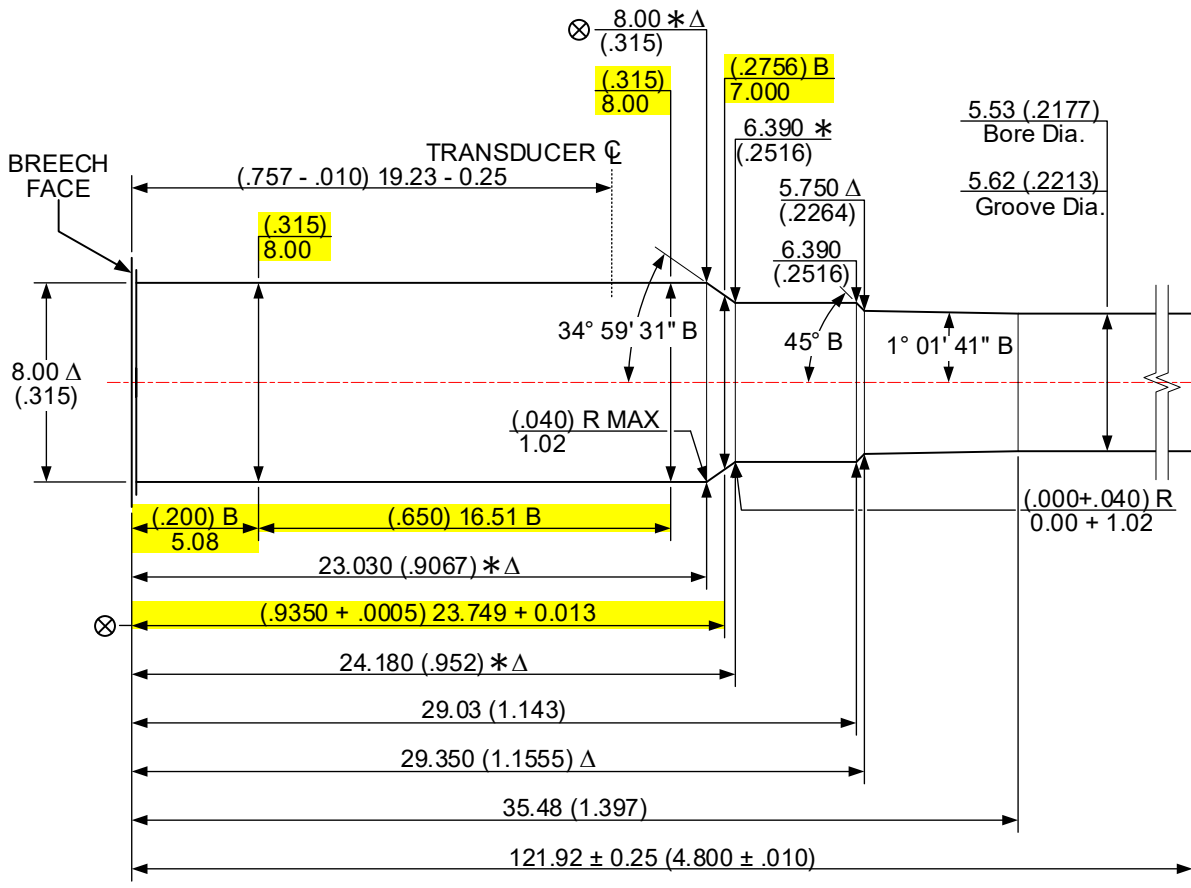
B = BASIC (XX.XX) = INCHES ⊗ = HEAD SPACE DIMENSION  
Δ = REFERENCE DIMENSION \* = DIMENSIONS ARE TO INTERSECTION OF LINES

ALL CALCULATIONS APPLY AT MAXIMUM MATERIAL CONDITION (MMC)  
(1) - BULLET PROFILE IS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY

**DO NOT SCALE FROM DRAWING**

VELOCITY & PRESSURE TEST BARREL

ISSUED: 07/11/2024 **5.7 X 28 FN [5.7 FN]** REVISED: -/-/-/-/-  
**V&P TEST BARREL**



HIGHLIGHTED DIMENSIONS HAVE NO CORRESPONDING C.I.P. ANALOG. THE ENGLISH UNITS FOR THESE ARE THE ORIGINAL VALUES; METRIC VALUES ARE CALCULATED AND ROUNDED.

- NUMBER OF GROOVES: 8
- WIDTH OF GROOVES: 1.63 + 0.051 (.064 + .002)
- TWIST RATE: 228.6 (9.00) RH
- DIAMETER OF PISTON HOLE: Crusher pressures not established
- TRANSDUCER DIAMETER: 4.93 (.194)

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**

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

**Support products supplier:**  
 Fiocchi of America, Inc.  
 Amanda Silvio .....ph. 417-725-4118..... email: a.silvio@fiocchiusa.com

**Order symbols/part numbers:**  
 Reference rounds: 70570000                      Dummy rounds: 32A00100                      Proof ammunition: 70R15300