

# Tubb Adaptive Target Rifle

## DETAILED SPECIFICATIONS

[revised 2-8-17]

### ALL DIMENSIONS IN INCHES

Receiver Through Hole Diameter: .750

Barrel Tenon Thread: 1-1/8 – 18

Barrel Tenon Outside Diameter: 1.400

Barrel Coupler Thread: 1-3/4 – 18 / Minor Diameter of 1.696

Receiver Forward Outside Diameter: 2.062

Handguard Nut Diameter: 2.110

Handguard Diameter: 1.980

Bolt Diameter: .746

Bottom Lug Diameter: .746

Diameter encompassing two top-lugs: .987

Diameter behind locking lugs: .590

Bolt Rear-Bushing Diameter: .873

Bolt Face Depth: .120

Bolt Face Diameter: .482 standard (.308 Win. class) / .540 short-mag (.243 WSSM class) / .585 large-mag (.338 Norma Mag. class)

Firing Pin Protrusion: .040

Firing Pin Tip Diameter: .060

Total Bolt Lift: 70 degrees

Bolt Lift to Cocked: 55 degrees

Extraction Cam Ratio: .080 over 15 degrees

Total Firing Pin Travel at Cocked: .250

DUO Firing Pin Spring Compression at Cocked: 1.217 each spring, (2.434 total)

Ejector Port Length: 3.340

Total Linear Bolt Travel: 4.897

Feed Ramp Angle from Horizontal: 30 degrees

Bolt Assembly Length: 7.863

Bolt Head Material: 4340 Alloy Steel, heat treated to 40 RC then nitrided

Receiver Material: 7075 – T6 Aluminum Alloy, Type-3 Hard Anodized

Remaining Aluminum Component Material: 6061-T6, Type-2 Hard Anodized

Final Finish: Bead-blast and Cerakote

Bolt Body and Bushing Material: 416 Stainless Steel, heat treated to 38 RC

Barrel Extension Material: 17-4 PH Stainless Steel, age-heat treated to 42 RC

Firing Pin Tip Material: 17-4 PH Stainless Steel, age-heat treated to 42 RC

Cocking Piece Material: 4340 Alloy Steel, heat treated to 40 RC

Extractor Material: 4340 Alloy Steel, heat treated to 40 RC

Trigger Hanger Material: 416 Stainless Steel, age-heat treated to 38 RC

Barrel Coupler Material: 416 Stainless Steel, heat treated to 38 RC

Rifle Weight Without Barrel Attached: 7.2 lbs (no sling studs or hand stop installed)



“TUBB GUN”



**DavidTubb.com**