



\*The SAAMI MAP (Maximum Average Pressure) for this cartridge is 35,000 psi. We chose to test fire our data to a maximum of 51,000 psi, the same pressure level commonly used with 6.5x55mm and 7x57mm cartridges.

\*This data is for use in only modern firearms in good condition. If you have an old military rifle (including Mauser M98s), the rifle must be inspected and approved by a competent gunsmith prior to use. Do NOT use this data with earlier (Pre-98) Mauser models.

\*Rifles chambered for the 8x57 were manufactured with two different bore diameters. Barrels marked 8x57 I or J are restricted to .318-inch bullets. Do NOT use this data or Barnes .323" bullets in these smaller-diameter bores. Barrels marked 8x57 IS or JS, or 8mm S or simply S, are suitable for Barnes' .323-inch bullets and the data in this manual.

◆ Indicates most accurate load

**8x57mm Mauser**

**Bullet Weight:** 160 gr                      **Case Trim Length:** 2.230"                      **S.D.** 0.219  
**Bullet Style:** TTSX BT                      **Primer:** Fed 210                      **B.C.** 0.400  
**COAL:** 3.050"                      **Barrel Length:** 24"  
**Case:** R-P                      **Twist Rate:** 1:9.5"

Powder	Minimum		Maximum		
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)	Load Density (%)
◆ Varget	45.0	2528	49.0	2736	95
Big Game	53.0	2688	57.0	2872	107

**Bullet Weight:** 180 gr                      **Case Trim Length:** 2.230"                      **S.D.** 0.246  
**Bullet Style:** TSX BT                      **Primer:** Fed GM210M                      **B.C.** 0.381  
**COAL:** 2.980"                      **Barrel Length:** 24"  
**Case:** R-P                      **Twist Rate:** 1:9.5"

Powder	Minimum		Maximum		
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)	Load Density (%)
AA 2700	47.0	2499	53.0	2696	95
H380	49.5	2512	54.5	2730	100

**Bullet Weight:** 200 gr                      **Case Trim Length:** 2.230"                      **S.D.** 0.274  
**Bullet Style:** TSX BT                      **Primer:** Fed GM210M                      **B.C.** 0.421  
**COAL:** 2.980"                      **Barrel Length:** 24"  
**Case:** R-P                      **Twist Rate:** 1:9.5"

Powder	Minimum		Maximum		
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)	Load Density (%)
H380	47.0	2392	52.0	2591	102
H414	46.0	2332	50.0	2497	95