



M1 GARAND

RIFLE: M1 Garand
BARREL: 24", 1 in 10" Twist
CASE: Hornady/Frontier
PRIMER: Winchester WLR

BULLET DIAMETER: 0.308"
MAXIMUM C.O.L.: 3.340"
MAX. CASE LENGTH: ... 2.494"
CASE TRIM LENGTH: ... 2.484"

The M1 Garand has probably the most colorful history of any service rifle. It is a solid, strong design that provides outstanding reliability and performance. The M1 should by no means be overlooked as a service match rifle. It provides a lower cost way for a beginner to acquire a first rifle. An M1 Garand with a quality barrel, a properly assembled and bedded receiver, and shooting carefully prepared reloads, is easily capable of shooting one-minute-of-angle or better. Because of the 30-06 Springfield's capability to handle heavier bullets than the 308, the Garand can make an excellent long range rifle. Re-barreling the Garand in 308 is a common and safe practice, and usually can provide somewhat better accuracy than the 30-06. However, propellants that are at the slower end of the spectrum for the 308 for a given bullet weight are usually required to provide reliable functioning.

Hornady offers an outstanding selection of bullets for the M1 shooter. The 155 grain A-MAX provides a lightweight low recoil load with a high ballistic coefficient that can resist the wind. The 168 and 178 grain A-MAX bullets provide very long distance designs that the 30-06 can use extremely well in 1000 yard shooting. Our 168 Boat Tail Hollow Point bullet is an outstanding performer as well. In testing we achieved our best performance with VIHT N-150 powder. Good results were also obtained with VIHT N-140 and H 4895.

150-155 GRAIN BULLETS

SECTIONAL DENSITY: 0.226-0.233
DIAMETER: 0.308"



#30312 A-MAX
B.C.: 0.435 C.O.L.: 3.240"



#3037 BT-FMJ
B.C.: 0.398 C.O.L.: 3.185"

POWDER	VELOCITY (FPS—feet per second)				
	2400	2500	2600	2700	2750
H 335	36.9 gr.	39.6 gr.	42.4 gr.	45.1 gr.	46.4 gr.
AA 2495	40.5 gr.	42.6 gr.	44.6 gr.		
AA 2520	41.9 gr.	43.3 gr.	44.8 gr.	46.2 gr.	
VIHT N-135	40.8 gr.	42.8 gr.	44.9 gr.	46.9 gr.	47.9 gr.
RL-12	42.3 gr.	43.8 gr.	45.3 gr.		
VARGET	42.3 gr.	44.2 gr.	46.2 gr.		
H 4895	43.2 gr.	44.8 gr.	46.4 gr.		

Hornady Ballistics Tables are available at www.hornady.com/ballistics

168 GRAIN BULLETS

SECTIONAL DENSITY: 0.253
DIAMETER: 0.308"



#30502 A-MAX
B.C.: 0.475 C.O.L.: 3.240"



#30501 BTHP
B.C.: 0.450 C.O.L.: 3.240"

POWDER	VELOCITY (FPS—feet per second)				
	2300	2400	2500	2600	2700
AA 2495	37.7 gr.	40.3 gr.	42.9 gr.	45.5 gr.	
VIHT N-135	41.1 gr.	42.7 gr.	44.4 gr.	46.0 gr.	
H 4895	39.8 gr.	42.0 gr.	44.2 gr.	46.4 gr.	
WIN 748	41.1 gr.	42.9 gr.	44.8 gr.	46.6 gr.	48.4 gr.
VARGET	40.3 gr.	42.5 gr.	44.7 gr.	47.0 gr.	
IMR 4895	39.6 gr.	42.1 gr.	44.6 gr.	47.1 gr.	
IMR 4064	41.4 gr.	43.3 gr.	45.2 gr.	47.2 gr.	
VIHT N-140	42.0 gr.	43.9 gr.	45.7 gr.	47.5 gr.	
RL-15	43.2 gr.	44.6 gr.	46.0 gr.	47.5 gr.	
VIHT N-150	41.4 gr.	43.5 gr.	45.6 gr.	47.7 gr.	
BL-C2	41.4 gr.	43.5 gr.	45.6 gr.	47.8 gr.	

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 indicates maximum load • use with caution

178 GRAIN BULLETS

SECTIONAL DENSITY: 0.268
DIAMETER: 0.308"



#30712 A-MAX
B.C.: 0.495 C.O.L.: 3.240"



#30631 BTHP (DISCONTINUED)
B.C.: 0.505 C.O.L.: 3.240"

POWDER	VELOCITY (FPS—feet per second)				
	2200	2300	2400	2500	2550
VIHT N-135	38.1 gr.	40.2 gr.	42.4 gr.	44.5 gr.	
VARGET	37.9 gr.	40.3 gr.	42.7 gr.	45.2 gr.	46.4 gr.
H 4895	38.2 gr.	40.5 gr.	42.9 gr.	45.2 gr.	46.4 gr.
IMR 4895	39.8 gr.	41.6 gr.	43.4 gr.	45.2 gr.	46.1 gr.
WIN 748	40.1 gr.	41.8 gr.	43.5 gr.	45.3 gr.	
VIHT N-140	39.4 gr.	41.5 gr.	43.6 gr.	45.7 gr.	46.7 gr.
IMR 4064	39.5 gr.	41.6 gr.	43.6 gr.	45.7 gr.	46.7 gr.
VIHT N-150	38.7 gr.	41.1 gr.	43.6 gr.	46.1 gr.	47.3 gr.
BL-C2	40.4 gr.	42.4 gr.	44.4 gr.	46.4 gr.	47.4 gr.
RL-15	40.4 gr.	42.5 gr.	44.5 gr.	46.5 gr.	

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