

223 REMINGTON

RIFLE: Remington 700
BARREL: 26", 1 in 12" Twist
CASE: Winchester
PRIMER: Winchester WSR

BULLET DIAMETER: 0.224"
MAXIMUM C.O.L.: 2.260"
MAX. CASE LENGTH: ... 1.760"
CASE TRIM LENGTH: ... 1.750"

The 223 Remington began as a military cartridge in 1957 and was later introduced by Remington as a commercial round. The cartridge is now chambered by numerous manufacturers in a wide variety of firearms. Ready availability of inexpensive military surplus brass contributed greatly to the 223's popularity. It easily surpassed the 222 Magnum's following, and its acceptance is still growing.

When comparing the 222 Magnum and the 223 Remington, the case size appears to be nearly identical. However, the 222 Magnum is about one tenth of an inch longer and holds 1/2 to 1 grain more powder. 223 Remington cartridges should not be fired in a 222 Magnum as the case dimensions are different and the cases are likely to rupture, possibly causing injury.

The 223 Remington is an excellent choice for varmint hunters. At the time of this writing, the types of commercial actions chambered for the 223 Remington range from the Ruger Mini-14 semi-automatic to the Remington 40 XB. Couple this wide assortment of firearms with Hornady's superb selection of 22 caliber bullets and the 223 is adequate for any 22 caliber use. Varminters are encouraged to try the 22 caliber Hornady V-MAX™ bullets. These polymer-tipped bullets have been designed not only for their explosive performance on impact, they are very efficient ballistically and highly accurate.

40 GRAIN BULLETS

SECTIONAL DENSITY: 0.114
DIAMETER: 0.224"



#22241 V-MAX™

B.C.: 0.200 C.O.L.: 2.200"

POWDER	VELOCITY (FPS—feet per second)					
	3300	3400	3500	3600	3700	3800
IMR 4198	19.3 gr.	20.0 gr.	20.7 gr.	21.5 gr.	22.2 gr.	
VIHT N-120	19.5 gr.	20.3 gr.	21.0 gr.			
VIHT N-130	21.6 gr.	22.3 gr.	23.0 gr.	23.8 gr.	24.5 gr.	
RL-10X	23.0 gr.	23.6 gr.	24.1 gr.	24.6 gr.	25.2 gr.	
A 2460	24.1 gr.	24.9 gr.	25.6 gr.	26.4 gr.	27.1 gr.	27.8 gr.
H 335	24.3 gr.	25.1 gr.	25.9 gr.	26.6 gr.	27.4 gr.	
TAC	24.3 gr.	25.1 gr.	25.9 gr.	26.7 gr.	27.5 gr.	
BENCHMARK	24.7 gr.	25.6 gr.	26.4 gr.			
8208 XBR	26.2 gr.	26.7 gr.	27.0 gr.			

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

 indicates maximum load • use with caution

45 GRAIN BULLETS

SECTIONAL DENSITY: 0.128
DIAMETER: 0.224"

**#2230 HORNET**

B.C.: 0.202 C.O.L.: 2.200"

POWDER	VELOCITY (FPS—feet per second)				
	3100	3200	3300	3400	3500
VIHT N-130	20.0 gr.	20.8 gr.	21.6 gr.	22.5 gr.	23.3 gr.
IMR 4198	20.6 gr.	21.3 gr.	22.0 gr.	22.7 gr.	
VIHT N-133	21.1 gr.	21.9 gr.	22.8 gr.	23.7 gr.	24.6 gr.
RL-10X	21.6 gr.	22.4 gr.	23.2 gr.	24.0 gr.	
H 322	23.3 gr.	23.9 gr.	24.5 gr.	25.1 gr.	
VIHT N-135	22.8 gr.	23.6 gr.	24.5 gr.	25.3 gr.	
TAC	22.9 gr.	23.7 gr.	24.6 gr.	25.4 gr.	26.2 gr.
IMR 3031		23.8 gr.	24.6 gr.	25.5 gr.	
BENCHMARK	23.7 gr.	24.4 gr.	25.1 gr.	25.7 gr.	26.4 gr.
H 335	23.0 gr.	24.0 gr.	25.0 gr.	26.1 gr.	27.1 gr.
A 2460	23.9 gr.	24.6 gr.	25.4 gr.	26.1 gr.	26.9 gr.
BL-C2	24.9 gr.	25.6 gr.	26.3 gr.	27.0 gr.	27.7 gr.
Win 748	25.5 gr.	26.5 gr.	27.5 gr.	28.6 gr.	

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 indicates maximum load • use with caution

50 GRAIN BULLETS

SECTIONAL DENSITY: 0.142
DIAMETER: 0.224"

**#2240 SPSX**

B.C.: 0.214 C.O.L.: 2.200"

**#22261 V-MAX™**

B.C.: 0.242 C.O.L.: 2.200"

**#2245 SP**

B.C.: 0.214 C.O.L.: 2.200"

VELOCITY (FPS—feet per second)

POWDER	2900	3000	3100	3200	3300	3400
IMR 4198	19.5 gr.	20.2 gr.	20.9 gr.	21.6 gr.	22.2 gr.	
VIHT N-130	19.6 gr.	20.4 gr.	21.2 gr.	22.1 gr.	22.9 gr.	
VIHT N-133	19.8 gr.	20.6 gr.	21.4 gr.	22.1 gr.	22.9 gr.	23.7 gr.
RL-10X	20.0 gr.	20.9 gr.	21.8 gr.	22.6 gr.	23.5 gr.	
H 322	21.9 gr.	22.6 gr.	23.2 gr.	23.9 gr.	24.5 gr.	25.2 gr.
IMR 3031	22.5 gr.	23.2 gr.	23.8 gr.	24.4 gr.	25.1 gr.	25.7 gr.
TAC	22.3 gr.	23.1 gr.	23.8 gr.	24.5 gr.	25.2 gr.	25.9 gr.
H 335	21.8 gr.	22.7 gr.	23.7 gr.	24.7 gr.	25.7 gr.	
BENCHMARK	21.5 gr.	22.6 gr.	23.7 gr.	24.8 gr.	25.8 gr.	
A 2460	22.4 gr.	23.3 gr.	24.3 gr.	25.2 gr.	26.2 gr.	27.1 gr.
8208 XBR	23.5 gr.	24.2 gr.	24.9 gr.	25.6 gr.	26.5 gr.	
BL-C2	22.9 gr.	23.9 gr.	24.8 gr.	25.8 gr.	26.7 gr.	
IMR 4895	24.3 gr.	25.0 gr.	25.7 gr.	26.3 gr.	27.0 gr.	
WIN 748	24.5 gr.	25.1 gr.	25.9 gr.	26.7 gr.	27.5 gr.	28.3 gr.
IMR 4320	25.0 gr.	25.7 gr.	26.5 gr.	27.2 gr.	27.9 gr.	
H 380	25.3 gr.	26.2 gr.	27.2 gr.	28.1 gr.	29.0 gr.	

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52-53 GRAIN BULLETS

SECTIONAL DENSITY: 0.148-0.151

DIAMETER: 0.224"



#2249 BTHP

B.C.: 0.229 C.O.L.: 2.230"



#2250 HP

B.C.: 0.218 C.O.L.: 2.230"



#22492 A-MAX®

B.C.: 0.247 C.O.L.: 2.230"



#22265 V-MAX™

B.C.: 0.290 C.O.L.: 2.240"

VELOCITY (FPS—feet per second)

POWDER	2900	3000	3100	3200	3300	3400
IMR 4198	19.2 gr.	20.1 gr.	21.0 gr.	21.9 gr.		
VIHT N-130	19.3 gr.	20.3 gr.	21.3 gr.	22.2 gr.		
RL-10X	20.4 gr.	21.3 gr.	22.1 gr.	23.0 gr.		
VIHT N-133	20.6 gr.	21.4 gr.	22.2 gr.	23.0 gr.		
IMR 3031	22.2 gr.	22.9 gr.	23.5 gr.	24.2 gr.	24.8 gr.	25.5 gr.
H 322	22.2 gr.	22.9 gr.	23.6 gr.	24.3 gr.	25.0 gr.	
VIHT N-135	22.0 gr.	22.9 gr.	23.7 gr.	24.5 gr.		
TAC	22.4 gr.	23.2 gr.	24.1 gr.	24.9 gr.	25.8 gr.	
BENCHMARK	22.1 gr.	23.1 gr.	24.0 gr.	25.0 gr.		
H 335	22.3 gr.	23.3 gr.	24.3 gr.	25.4 gr.		
A 2460	22.6 gr.	23.5 gr.	24.5 gr.	25.4 gr.	26.3 gr.	27.3 gr.
BL-C2	22.5 gr.	23.5 gr.	24.5 gr.	25.5 gr.	26.5 gr.	27.4 gr.
VARGET	23.3 gr.	24.2 gr.	25.1 gr.	26.0 gr.		
8208 XBR	23.7 gr.	24.4 gr.	25.1 gr.	25.7 gr.	26.2 gr.	
IMR 4895	24.1 gr.	24.9 gr.	25.6 gr.	26.4 gr.	27.1 gr.	
WIN 748	23.8 gr.	24.8 gr.	25.8 gr.	26.9 gr.	27.9 gr.	28.9 gr.
IMR 4320	24.8 gr.	25.6 gr.	26.4 gr.	27.2 gr.	27.9 gr.	

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55 GRAIN BULLETS

SECTIONAL DENSITY: 0.157
DIAMETER: 0.224"



#22271 V-MAX™
B.C.: 0.255 C.O.L.: 2.250"



#2260 SPSX
B.C.: 0.235 C.O.L.: 2.200"



#2265 SP
B.C.: 0.235 C.O.L.: 2.200"



#2266 SP w/c
B.C.: 0.235 C.O.L.: 2.200"



#2267 BT-FMJ w/c
B.C.: 0.243 C.O.L.: 2.200"

VELOCITY (FPS—feet per second)

POWDER	2800	2900	3000	3100	3200	3300
IMR 4198	17.4 gr.	18.2 gr.	19.1 gr.	20.0 gr.		
VIHT N-133	19.8 gr.	20.8 gr.	21.8 gr.	22.7 gr.		
RL-10X	19.5 gr.	20.4 gr.	21.3 gr.	22.2 gr.		
IMR 3031	20.5 gr.	21.2 gr.	22.0 gr.	22.8 gr.		
H 322	19.5 gr.	20.7 gr.	21.9 gr.	23.1 gr.		
H 335	20.8 gr.	21.6 gr.	22.4 gr.	23.2 gr.		
VIHT N-135	20.5 gr.	21.5 gr.	22.4 gr.	23.4 gr.		
TAC	21.5 gr.	22.3 gr.	23.1 gr.	23.9 gr.	24.7 gr.	
A 2460	21.2 gr.	22.2 gr.	23.2 gr.	24.2 gr.		
BENCHMARK	21.6 gr.	22.6 gr.	23.5 gr.	24.5 gr.		
IMR 4895	22.7 gr.	23.5 gr.	24.3 gr.	25.1 gr.		
8208 XBR	22.8 gr.	23.6 gr.	24.4 gr.	25.1 gr.	25.8 gr.	
WIN 748	22.7 gr.	23.7 gr.	24.6 gr.	25.5 gr.	26.4 gr.	
VARGET	22.8 gr.	23.7 gr.	24.6 gr.	25.5 gr.	26.4 gr.	
VIHT N-140	22.8 gr.	23.8 gr.	24.7 gr.	25.7 gr.		
BL-C2	24.4 gr.	25.1 gr.	25.9 gr.	26.6 gr.	27.4 gr.	28.1 gr.

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60 GRAIN BULLETS

SECTIONAL DENSITY: 0.171
DIAMETER: 0.224"



#2270 SP
B.C.: 0.264 C.O.L.: 2.200"



#22281 V-MAX™
B.C.: 0.265 C.O.L.: 2.250"



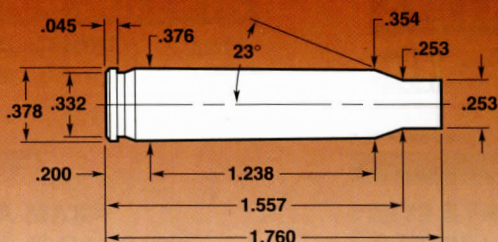
#2275 HP
B.C.: 0.271 C.O.L.: 2.200"

VELOCITY (FPS—feet per second)

POWDER	2700	2800	2900	3000	3100	3200
IMR 4198	17.2 gr.	18.1 gr.	19.1 gr.			
RL-10X	19.0 gr.	19.9 gr.	20.9 gr.	21.8 gr.		
VIHT N-133	19.5 gr.	20.4 gr.	21.3 gr.	22.2 gr.		
VIHT N-135	19.6 gr.	20.6 gr.	21.7 gr.	22.7 gr.		
H 335	20.1 gr.	21.0 gr.	22.0 gr.	22.9 gr.		
IMR 3031	20.3 gr.	21.2 gr.	22.0 gr.	22.8 gr.		
A 2460	20.2 gr.	21.2 gr.	22.1 gr.	23.0 gr.		
H 322	20.7 gr.	21.5 gr.	22.3 gr.	23.1 gr.		
TAC	21.6 gr.	22.3 gr.	23.1 gr.	23.9 gr.	24.7 gr.	
BENCHMARK	21.7 gr.	22.5 gr.	23.4 gr.	24.2 gr.	25.0 gr.	
VIHT N-140	21.5 gr.	22.6 gr.	23.7 gr.	24.8 gr.		
VARGET	21.7 gr.	22.7 gr.	23.8 gr.	24.9 gr.		
WIN 748	22.1 gr.	23.0 gr.	23.8 gr.	24.7 gr.	25.5 gr.	
8208 XBR	23.0 gr.	23.7 gr.	24.3 gr.	25.3 gr.		
BL-C2	23.1 gr.	24.0 gr.	24.9 gr.	25.9 gr.	26.8 gr.	27.7 gr.

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 indicates maximum load • use with caution



223 Remington Service Rifle Data

RIFLE: . . . Colt AR-15, Citadel Bbl
BARREL: 20", 1 in 9" Twist
CASE: Winchester
PRIMER: Winchester WSR

BULLET DIAMETER: 0.224"
MAXIMUM C.O.L.: 2.250"
MAX. CASE LENGTH: 1.760"
CASE TRIM LENGTH: 1.750"

The 5.56 x 45mm cartridge was intended for military use from its inception. The Armalite AR-15 rifle for which it was developed, after evolving into the selective fire M-16 and undergoing several years of Army testing, was adopted by the U. S. military and first saw action in the Vietnam War.

Acceptance of the AR-15 as a service match rifle began in the 1980s. Army Marksmanship units decided to use the M-16, the military equivalent of the AR-15, as their service match rifle in the 1990s. Both developments spurred demand for excellent long-range bullets for the AR-15 shooter.

The Hornady 68 grain BTHP has been a mainstay of the AR-15 shooter for some time and is excellent for 200 and 300 yard shooting. The record setting Hornady 75 grain BTHP can be loaded to function at magazine length and compete well at 600+ yards. The Hornady 75 grain A-MAX® bullet is an excellent choice over 600 yard ranges in single shot shooting. (This bullet cannot be loaded to magazine length.)

Our best results were obtained with VIHT N-140. VIHT N-135 and A 2495 gave excellent results but did not match VIHT N-140. Reloaders, especially former M1A/308 shooters, are cautioned not to load the 5.56 x 45mm beyond the AR-15's operating range lest case, barrel, and receiver life will be sacrificed.

68 GRAIN BULLETS

SECTIONAL DENSITY: 0.194
DIAMETER: 0.224"



#2278 BTHP

B.C.: 0.355 C.O.L.: 2.250"

POWDER	VELOCITY (FPS—feet per second)			
	2500	2600	2700	2800
VIHT N-135	21.3 gr.	22.0 gr.	22.7 gr.	23.4 gr.
H 322	21.6 gr.	22.3 gr.	23.0 gr.	
H 335	21.3 gr.	22.6 gr.	23.8 gr.	
A 2230	21.8 gr.	23.0 gr.	24.2 gr.	
VIHT N-140	22.4 gr.	23.3 gr.	24.2 gr.	25.1 gr.
IMR 4895	22.6 gr.	23.4 gr.	24.2 gr.	24.9 gr.
VARGET	22.7 gr.	23.4 gr.	24.2 gr.	24.9 gr.
BL-C2	22.9 gr.	23.8 gr.	24.7 gr.	25.6 gr.
WIN 748	23.4 gr.	24.2 gr.	25.0 gr.	25.8 gr.

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

SECTIONAL DENSITY: 0.214
DIAMETER: 0.224"



#22792 A-MAX®
B.C.: 0.435 C.O.L.: 2.390"



#2279 BTHP
B.C.: 0.395 C.O.L.: 2.250"

POWDER	VELOCITY (FPS—feet per second)					
	2200	2300	2400	2500	2600	2700
IMR 3031	18.6 gr.	19.2 gr.	19.9 gr.	20.5 gr.	21.2 gr.	
A 2495	18.2 gr.	19.1 gr.	20.0 gr.	20.9 gr.	21.8 gr.	
VIHT N-135	19.8 gr.	20.3 gr.	20.8 gr.	21.3 gr.	21.8 gr.	
A 2520	18.6 gr.	19.6 gr.	20.5 gr.	21.5 gr.	22.5 gr.	
H 4895	19.3 gr.	20.1 gr.	20.9 gr.	21.7 gr.	22.5 gr.	23.3 gr.
RL-15	20.0 gr.	20.8 gr.	21.7 gr.	22.5 gr.	23.3 gr.	24.1 gr.
WIN 748	20.2 gr.	20.9 gr.	21.7 gr.	22.5 gr.	23.3 gr.	24.0 gr.
VARGET	19.4 gr.	20.4 gr.	21.5 gr.	22.5 gr.	23.5 gr.	
VIHT N-140	20.0 gr.	20.9 gr.	21.8 gr.	22.7 gr.	23.6 gr.	
VIHT N-540	20.6 gr.	21.4 gr.	22.1 gr.	22.9 gr.	23.6 gr.	
BL-C2	21.2 gr.	22.0 gr.	22.8 gr.	23.6 gr.	24.4 gr.	25.2 gr.
IMR 4007 SSC	22.1 gr.	22.9 gr.	23.7 gr.	24.5 gr.	25.3 gr.	26.5 gr.

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 indicates maximum load • use with caution

80 GRAIN BULLETS

SECTIONAL DENSITY: 0.228

DIAMETER: 0.224"



#22832 A-MAX®

B.C.: 0.435 C.O.L.: 2.390"

POWDER	VELOCITY (FPS—feet per second)						
	2300	2400	2500	2600	2650	2700	2750
H 4895	19.4 gr.	20.4 gr.	21.3 gr.	22.3 gr.			
TAC	20.1 gr.	21.0 gr.	22.0 gr.	29.9 gr.	23.3 gr.		
VIHT N-140	20.4 gr.	21.3 gr.	22.1 gr.	23.0 gr.			
RL-15	20.4 gr.	21.3 gr.	22.2 gr.	23.1 gr.	23.5 gr.		
WIN 748	21.0 gr.	21.9 gr.	22.7 gr.	23.6 gr.			
VARGET	20.8 gr.	21.8 gr.	22.8 gr.	23.8 gr.			
A 2520	21.2 gr.	22.3 gr.	23.4 gr.	24.5 gr.	25.1 gr.		
BL-C2	21.7 gr.	22.7 gr.	23.7 gr.	24.7 gr.			
IMR 4007 SSC	21.5 gr.	22.5 gr.	23.6 gr.	24.6 gr.	25.1 gr.	25.6 gr.	26.3 gr.

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