

## 22 ARC (Bolt Gun)

Rifle: . . . . .	Test Barrel	Bullet Diameter: . . . . .	0.224"
Barrel: . . . . .	24", 1 in 7" Twist	Maximum COL: . . . . .	2.260"
Case: . . . . .	Hornady	Max. Case Length: . . . . .	1.525"
Primer: . . . . .	Federal 205	Case Trim Length: . . . . .	1.510"

The 22 ARC was developed to be the highest performing 22 caliber cartridge that can fit into the AR-15 platform. While that was the original intent, the 22 ARC also offers exceptional performance in a bolt-action rifle.

The cartridge case dimensions were carefully selected to ensure that long-ogive bullets aren't seated too deeply into the case, robbing propellant capacity, but still fit into a 2.260" overall length restriction. Coupled with a short barrel, this compact cartridge can make for a quick-handling varmint or medium-sized game setup.

Another arena where the 22 ARC shines in a bolt-action rifle is in precision shooting. The small, 22 caliber bullets and modest powder charges create very low recoil – enabling the shooter to spot impacts with ease. The Hornady stable of ELD-Match and A-Tip bullets can be driven to impressive velocities for those competing in precision rifle competitions.

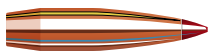
**The data developed in this section is for bolt-action rifles only and operates between 60,000 – 62,000psi. Because of the higher pressure, this data is NOT to be used in gas-operated firearms.**

## 53-55 GRAIN BULLETS

SECTIONAL DENSITY: 0.151-0.157  
DIAMETER: 0.224"**53 gr. V-MAX®**  
Item No. 22265  
C.O.L.: 2.085"  
G1 B.C.: 0.290**55 gr. V-MAX®**  
Item No. 22271  
C.O.L.: 2.085"  
G1 B.C.: 0.255

POWDER	VELOCITY (FPS - feet per second)						
	3300	3400	3450	3500	3550	3600	3650
VIHT N-133	25.9	27.0	27.6				
Benchmark	27.3	28.3	28.8	29.2	29.7	30.2	
X-TERMINATOR	28.4	29.5	30.1	30.6	31.2	31.8	
Accurate 2230	27.9	29.0	29.5	30.0	30.5	31.0	31.5
IMR 8208 XBR	28.0	29.0	29.5	30.0	30.5	31.0	31.5
H4895	27.9	28.7	29.1	29.6	30.0	30.4	30.9
H335	28.1	29.2	29.7	30.2	30.7	31.2	31.8
Accurate 2460	28.4	29.5	30.0	30.5	31.0	31.5	
Power Pro Varmint	29.5	30.5	31.1	31.6	32.1	32.7	33.2
VIHT N-530	27.1	27.9	28.3	28.8	29.2		
BL-C(2)	30.9	31.9	32.5	33.0	33.5	34.1	34.6

## 62 GRAIN BULLETS

SECTIONAL DENSITY: 0.177  
DIAMETER: 0.224"**62 gr. ELD-VT™**  
Item No. 22762  
C.O.L.: 2.250"  
G1 B.C.: 0.395  
G7 B.C.: 0.199

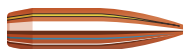
POWDER	VELOCITY (FPS - feet per second)					
	3100	3350	3400	3450	3500	3550
Benchmark	26.0	28.7	29.2			
H335	27.2	29.6	30.1	30.6	31.1	
X-TERMINATOR	27.3	29.7	30.2	30.7		
Accurate 2230	26.6	29.0	29.5	29.9	30.4	30.9
TAC	27.3	29.6	30.1	30.5	31.0	
Power Pro Varmint	27.9	30.3	30.8	31.3	31.8	32.3
H4895	26.4	28.6	29.0	29.5	29.9	
Accurate 2520	28.6	30.8	31.3	31.7	32.2	32.6
VARGET	28.4	30.5	31.0	31.4		
CFE 223	28.8	31.5	32.1	32.6	33.2	33.7
LEVERevolution	29.2	31.4	31.8	32.3	32.7	33.2

## 68 GRAIN BULLETS

SECTIONAL DENSITY:  
DIAMETER:

0.194  
0.224"

22 ARC (Bolt Gun)



**68 gr. BTHP**  
Item No. 2278  
C.O.L.: 2.250"  
G1 B.C.: 0.355

VELOCITY (FPS - feet per second)						
POWDER	3100	3150	3200	3250	3300	3350
Benchmark	26.8	27.3	27.8	28.3		
H335	27.4	27.8	28.3	28.8		
X-TERMINATOR	28.3	28.8	29.3	29.9		
Accurate 2230	27.1	27.6	28.2	28.7	29.3	
IMR 8208 XBR	27.3	27.8	28.3	28.8		
TAC	27.8	28.3	28.9	29.4	30.0	
Power Pro Varmint	28.6	29.1	29.7	30.2	30.7	31.2
H4895	27.0	27.4	27.9	28.4		
Vihtavuori N530	26.3	26.7	27.1	27.6		
CFE 223	29.7	30.2	30.7	31.2	31.7	32.2
LEVERevolution	29.5	30.0	30.4	30.9	31.4	31.8

## 75 GRAIN BULLETS

SECTIONAL DENSITY:  
DIAMETER:

0.214  
0.224"



**75 gr. BTHP**  
Item No. 2279  
C.O.L.: 2.250"  
G1 B.C.: 0.395



**75 gr. ELD® Match**  
Item No. 22791  
C.O.L.: 2.250"  
G1 B.C.: 0.467

VELOCITY (FPS - feet per second)						
POWDER	2700	2800	2900	3000	3050	3100
Benchmark	26.5	27.1	27.6	28.1		
IMR 8208 XBR	27.2	27.8	28.3	28.8		
H4895	26.7	27.2	27.7	28.3	28.8	
VIHT N-135	27.0	27.5				
TAC	27.6	28.2	28.7			
Accurate 2520	28.5	29.0	29.5	30.0	30.5	30.9
VIHT N-140	28.4	28.9	29.5	30.0		
CFE 223	29.4	29.8	30.2	30.7	31.1	31.5
LEVERevolution	29.0	29.5	30.0	30.5	31.0	31.5

■ INDICATES MAXIMUM LOAD — USE WITH CAUTION

Rifle Data

## 80 GRAIN BULLETS

SECTIONAL DENSITY:  
DIAMETER:

0.228  
0.224"

22 ARC (Bolt Gun)



**80 gr. ELD-X®**  
Item No. 22833  
C.O.L.: 2.250"  
G1 B.C.: 0.485



**80 gr. ELD® Match**  
Item No. 22831  
C.O.L.: 2.250"  
G1 B.C.: 0.485

POWDER	VELOCITY (FPS – feet per second)							
	2700	2800	2850	2900	2950	3000	3050	3100
Benchmark	23.6	24.8	25.3	25.9	26.4			
X-TERMINATOR	24.4	25.4	26.0	26.5	27.0	27.6	28.1	
IMR 8208 XBR	24.2	25.3	25.8	26.3	26.8			
TAC	24.5	25.6	26.2	26.8	27.4	28.0	28.5	
H4895	23.8	24.9	25.5	26.0	26.6	27.1		
Vihtavuori N530	23.6	24.6	25.1	25.6	26.0			
Alliant RL-15	25.5	26.5	27.0	27.6	28.1	28.6	29.1	
VARGET	25.6	26.6	27.1	27.6	28.0	28.5		
CFE 223	26.5	27.6	28.2	28.7	29.3	29.8	30.4	30.9
Power Pro 2000 MR	26.8	27.9	28.4	28.9	29.4	30.0	30.5	31.0
LEVERevolution	26.1	27.2	27.7	28.2	28.8	29.3	29.9	30.4

## 88-90 GRAIN BULLETS

SECTIONAL DENSITY: 0.251–0.256  
DIAMETER: 0.224"



**88 gr. ELD® Match**  
Item No. 22834  
C.O.L.: 2.250"  
G1 B.C.: 0.545



**90 gr. A-Tip® Match**  
Item No. 2286  
C.O.L.: 2.250"  
G1 B.C.: 0.585

POWDER	VELOCITY (FPS – feet per second)					
	2600	2700	2800	2850	2900	2950
H4895	23.9	25.0	26.1			
TAC	24.5	25.6	26.7	27.3		
Alliant RL-15	25.2	26.3	27.4	27.9	28.4	
Power Pro 2000 MR	26.2	27.2	28.2	28.7	29.2	29.7
VARGET	24.7	25.9	27.0			
Accurate 2520	25.7	26.7	27.6	28.1	28.6	29.1
StaBALL Match	25.9	27.0	28.2	28.7		
BL-C(2)	26.3	27.4	28.6	29.2	29.8	30.3
CFE 223	26.0	27.1	28.2	28.8	29.3	
LEVERevolution	26.0	27.1	28.1	28.7	29.2	