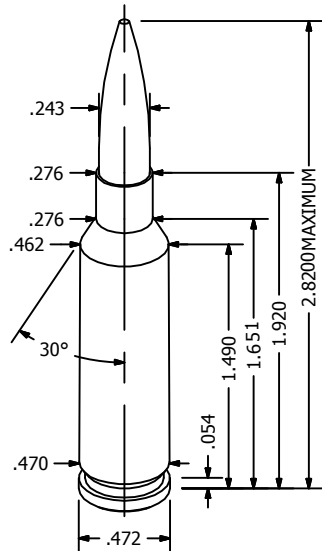


6mm Creedmoor



Test Specifications/ Components

Firearm Used: Universal Receiver

Barrel Length: 24"

Twist: 1-8"

Case: Hornady

Trim-to Length: 1.910"

Primer: Winchester WLR

Remarks:

As with almost all cartridge case designs, there is bound to be at least a few aspiring off-spring. The 30 T/C case was no exception. The first notable development was the extremely popular 6.5 Creedmoor. As soon as the 6.5 Creedmoor was released in 2007, a 6mm version was being envisioned. After the 6mm Creedmoor demonstrated its worth at 1,000 yards it began to catch the attention of Precision Rifle Series (PRS) competitors.

The 6mm Creedmoor is a great fit for those looking for an AR platform friendly cartridge. It delivers velocities very similar to the .243 Win and yet fits the AR10 magazine length requirement, while allowing long range bullets to be seated for maximize case capacity. The 30 degree shoulder makes this a very efficient case and helps prolong case life as well.

The 6mm Creedmoor works well with powders such as H4350, RE-17, and Ramshot Hunter for heavier long-range bullet weights. Slightly faster powders such as RE-15, Win 760, and Vihtavuori N540 work well with lighter weight bullets.

6mm Creedmoor

#1502 .243" 55 gr. BlitzKing
C.O.A.L. 2.575"



Powder ↓ / Velocity →	3500	3600	3700	3800	3900	4000	4100
Benchmark	37.1	38.2	39.3	40.5	41.6	42.7	
IMR 3031	37.1	38.3	39.6	40.8	42.0		
IMR 8208 XBR	37.9	39.0	40.1	41.2	42.3	43.4	44.5
H4895	38.7	39.7	40.7	41.7	42.7	43.8	
Varget	40.6	41.6	42.6	43.5	44.5	45.4	
IMR 4895	39.1	40.2	41.2	42.3			
IMR 4166 End.	39.1	40.1	41.2	42.2	43.2		
IMR 4064	39.6	40.7	41.7	42.8	43.9		
RE 15	40.3	41.5	42.6	43.7	44.8	45.9	
Power Pro 2000 MR	43.6	44.7	45.8	47.0	48.1		
N140	41.1	42.1	43.0	44.0	45.0		
Energy/ft. lbs	1496	1582	1672	1763	1857	1954	2053

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

6mm Creedmoor

#1500 .243" 60 gr. HP
C.O.A.L. 2.500"



Powder↓ / Velocity →	3400	3500	3600	3700	3800	3850	3900
IMR 3031	37.5	38.6	39.7	40.8	41.9		
IMR 8208 XBR	37.3	38.6	39.9	41.2	42.6	43.2	
H4895	37.9	39.1	40.2	41.4	42.6	43.2	43.7
Varget	39.0	40.3	41.5	42.8	44.1	44.7	
IMR 4895	38.6	39.6	40.6	41.6	42.5		
IMR 4166 End.	38.0	39.3	40.6	41.9			
IMR 4064	39.3	40.5	41.6	42.8			
RE 15	39.8	41.0	42.1	43.3	44.4	45.0	
CFE 223	43.1	43.9	44.7	45.5	46.3	46.7	
N140	40.0	41.2	42.4	43.6	44.8		
Big Game	42.2	43.6	45.1	46.6	48.0		
Win 760	44.3	45.4	46.5	47.6			
RE 17	43.1	44.2	45.4	46.5	47.7		
H4350	44.7	46.0	47.2				
Energy/ft.lbs	1540	1632	1726	1824	1923	1974	2026

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

6mm Creedmoor

#1505 .243" 70 gr. HPBT
C.O.A.L. 2.525"



#1507 .243" 70 gr. BlitzKing
C.O.A.L. 2.600"



#1510 .243" 75 gr. HP
C.O.A.L. 2.500"



Powder↓ / Velocity →	3200	3300	3400	3450	3500	3550	3600
IMR 3031	35.8	37.0	38.3	38.9			
IMR 8208 XBR	36.9	38.4	39.9				
H4895	36.0	37.5	39.1	39.9	40.6		
Varget	37.1	38.6	40.1	40.8	41.5		
IMR 4895	37.2	38.5	39.8	40.4			
IMR 4166 End.	37.2	38.5	39.9	40.6	41.3		
IMR 4064	37.9	39.3	40.7	41.4			
RE 15	38.6	40.0	41.4	42.1	42.9	43.6	
RE 16	42.1	43.6	45.1				
CFE 223	39.2	40.8	42.3	43.0	43.8	44.6	
N140	38.8	40.3	41.9				
Big Game	41.0	42.4	43.8	44.5	45.2	45.9	46.6
Win 760	42.8	44.1	45.4	46.0	46.6	47.2	
RE 17	41.6	43.0	44.3	44.9	45.6	44.9	46.9
IMR 4451 End.	43.0	44.4	45.8	46.5	47.2	47.9	
H4350	42.5	43.9	45.4	46.1	46.8	47.6	48.3
Hunter	43.7	45.3	46.9	47.7	48.5		
Energy/ft.lbs	1591	1692	1796	1850	1904	1958	2014

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

6mm Creedmoor

#1515 .243" 80 gr. SBT
C.O.A.L. 2.550"



#1520 .243" 85 gr. Spitzer
C.O.A.L. 2.550"



#1530 .243" 85 gr. HPBT
C.O.A.L. 2.500"



Powder↓ / Velocity →	3000	3100	3200	3300	3350	3400	3450
IMR 3031	33.9	35.1	36.2				
IMR 8208 XBR	34.4	35.7	37.0	38.4			
H4895	35.2	36.6	38.0	39.4			
Varget	36.1	37.6	39.0	40.5	41.2		
IMR 4895	35.3	36.5	37.6				
IMR 4166 End.	35.0	36.3	37.6	38.9			
IMR 4064	35.8	37.1	38.5	39.9			
RE 15	36.5	37.9	39.3	40.7	41.4	42.1	
RE 16	40.2	41.5	42.9	44.2	44.9		
CFE 223		39.5	40.9	42.3			
Big Game	38.9	40.2	41.6	43.0	43.6	44.3	
Win 760	40.6	41.8	42.9	44.1	44.6	45.2	45.8
N540	36.2	37.6	39.0	40.4	41.1		
RE 17	39.0	40.3	41.7	43.0	43.7	44.4	45.0
IMR 4451 End.	40.8	42.1	43.5	44.8	45.5		
H4350	39.8	41.3	42.8	44.3	45.0	45.8	
Hunter	40.9	42.5	44.1	45.7	46.3	47.3	48.1
RE 19	44.0	45.1	46.3				
H4831sc	44.0	45.3	46.6				
Energy/ft.lbs	1698	1813	1932	2055	2118	2181	2246

INDICATES MAXIMUM LOAD - USE CAUTION
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

6mm Creedmoor

#1535 .243" 90 gr. FMJBT
C.O.A.L. 2.600"



#1537 .243" 95 gr. HPBT
C.O.A.L. 2.750"



9" TWIST OR
FASTER

#7295 .243" 95 gr. TMK
C.O.A.L. 2.770"



9" TWIST OR
FASTER

Powder↓ / Velocity →	2800	2900	3000	3100	3150	3250	3300
IMR 8208 XBR	32.7	34.1	35.5	37.0			
H4895	32.7	34.1	35.5	37.0			
Varget	33.7	35.2	36.6	38.1	38.8		
IMR 4166 End.	32.9	34.3	35.7	37.0	37.7		
IMR 4064	34.3	35.6	37.0	38.3			
RE 15	34.4	35.7	37.0	38.3	38.9		
RE 16	37.9	39.3	40.8	42.2	42.9	44.4	45.1
Big Game	36.4	37.9	39.3	40.8	41.5	43.0	
N540	34.2	35.6	37.0	38.5	39.2		
RE 17		38.3	39.7	41.1	41.8	43.2	
IMR 4451 End.	38.1	39.5	40.9	42.3	43.0		
H4350	37.5	38.9	40.3	41.7	42.4		
Hunter		40.1	41.6	43.2	43.9	45.5	
RE 19	41.5	42.7	43.9	45.1	45.7	46.9	
H4831sc	40.4	41.9	43.4	44.9	45.7		
Energy/ft.lbs	1654	1774	1898	2027	2093	2228	2297

INDICATES MAXIMUM LOAD - USE CAUTION
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

6mm Creedmoor

#1540 .243" 100 gr. Spitzer
C.O.A.L. 2.700"



#1560 .243" 100 gr SBT
C.O.A.L. 2.700"



Powder↓ / Velocity →	2800	2900	2950	3000	3050	3100	3150
IMR 8208 XBR	32.7	34.2	35.0				
H4895	32.9	34.5					
Varget	33.2	34.9	35.7	36.6			
IMR 4166 End.	33.4	34.9	35.7				
IMR 4064	34.4	35.8	36.5				
RE 15	34.5	36.0	36.8	37.5	38.3		
RE 16	37.1	38.8	39.7	40.6	41.4	42.3	43.2
Big Game	37.1	38.6	39.4	40.2	40.9		
N540	34.6	36.2	36.9	37.7	38.5		
RE 17	36.6	38.1	38.8	39.6	40.3	41.0	41.8
IMR 4451 End.	38.2	39.7	40.5	41.3	42.1		
H4350	37.0	38.7	39.5	40.4	41.3	42.1	
Hybrid 100V	36.5	38.1	38.9	39.7	40.5	41.3	
Hunter	39.1	40.6	41.4	42.2	43.0	43.8	
RE 19	40.8	42.4	43.1	43.9	44.7	45.5	46.3
H4831sc	40.4	42.1	43.0	43.9	44.8	45.6	
Energy/ft.lbs	1741	1867	1932	1998	2065	2133	2203

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

6mm Creedmoor

#1570 .243" 107 gr. HPBT
C.O.A.L. 2.800"



**8" TWIST OR
FASTER**

Powder↓ / Velocity →	2700	2800	2900	2950	3000	3050	3100
Varget	31.5	33.2	34.9	35.7	36.6		
IMR 4166 End.	31.9	33.4	34.9	35.7			
IMR 4064	32.9	34.4	35.8	36.5			
RE 15	32.9	34.5	36.0	36.8	37.5	38.3	
RE 16	36.7	38.2	39.7	40.4	41.2	41.9	
Big Game	35.6	37.1	38.6	39.4	40.2	40.9	
N540	34.0	35.5	37.0	37.7			
RE 17	35.1	36.6	38.1	38.8	39.6	40.3	41.0
IMR 4451 End.	36.6	38.2	39.7	40.5	41.3	42.1	
H4350	35.2	37.0	38.7	39.5	40.4	41.3	42.1
Hybrid 100V	34.9	36.5	38.1	38.9	39.7	40.5	41.3
Hunter	38.1	39.5	40.9	41.6	42.3	43.0	43.7
RE 19	39.2	40.8	42.4	43.1	43.9	44.7	45.5
H4831sc	40.2	41.5	42.9	43.6	44.2	44.9	
Superformance	39.8	41.2	42.7	43.4	44.1	44.9	45.6
Energy/ft.lbs	1732	1862	1998	2067	2138	2210	2283

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

6mm Creedmoor

#1575 .243" 110 gr. HPBT
C.O.A.L. 2.875"



**7" TWIST OR
FASTER**

Powder↓ / Velocity →	2700	2800	2900	2950	3000	3050	3100
Varget	33.5	34.8	36.1				
IMR 4166 End.	32.4	33.9	35.3				
IMR 4064	33.8	35.1					
RE 15	33.1	34.5	36.0	36.7	37.4		
RE 16	36.1	37.7	39.2	40.0	40.8	41.6	
Big Game	35.8	37.2	38.6	39.3			
N540	33.4	34.8	36.2	36.8			
RE 17	35.7	37.0	38.3	38.9	39.6	40.2	
IMR 4451 End.	37.0	38.5	39.9	40.6	41.3		
H4350	36.6	38.0	39.5	40.2	40.9		
Hybrid 100V	35.2	36.8	38.4	39.2	40.0		
Hunter	37.5	39.0	40.5	41.2	42.0	42.7	
RE 19	40.4	41.7	43.0	43.7	44.3	45.0	
H4831sc	39.4	40.9	42.5	43.2	44.0		
Superformance	39.6	41.0	42.4	43.1	43.8	44.5	45.2
Energy/ft.lbs	1780	1915	2054	2125	2198	2272	2347

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.