



17 Mach IV

Rifle: T/C Encore **Bullet Diameter:**0172"
Barrel:24", 1 in 10" Twist **Maximum COL:**1770"
Case: Remington **Max. Case Length:** 1.400"
Primer: Remington 7½ **Case Trim Length:** 1.390"

Cartridges in both 14 caliber and 17 caliber have been based, variously, on the 222 and 223 Remington, the 22 Hornet, and the 218 Bee. Sub-22 caliber experimentation has clearly had a fascination to shooters for some time.

The 17 Mach IV was introduced by the O'Brien Rifle Company of Las Vegas, Nevada. It quickly followed the 1963 introduction of the 221 Remington Fireball and is, in fact, a necked down version of the Fireball in 17 caliber with a 30° shoulder angle. It was especially intended for shorter action firearms.

The 17 Mach IV doesn't present the reloader with an endless choice of bullets or a wide range of appropriate powders. Nevertheless, it requires the reloader to be as precise as possible in his work. In this small case the minimum spread in powder charges is approximately 3 grains. One half grain variation in powder charge may make as much as 100 fps difference in muzzle velocity and dramatic increases in pressure as well. Popularity of the Mach IV has waned since the 17 Remington came out in 1971. The factory round essentially eliminated its 17 caliber competition.

20 GRAIN BULLETSSECTIONAL DENSITY:
DIAMETER:0.097
0.172"**20 gr. V-MAX®**
Item No. 21710
C.O.L.: 1.770"
G1 B.C.: 0.185

POWDER	VELOCITY (FPS – feet per second)					
	3600	3700	3800	3900	4000	4100
IMR 4198	13.8 gr.	14.3 gr.	14.7 gr.	15.2 gr.	15.7 gr.	16.2 gr.
Alliant RL-7	14.2 gr.	14.7 gr.	15.2 gr.	15.8 gr.	16.3 gr.	
H4198	14.3 gr.	14.8 gr.	15.3 gr.	15.8 gr.	16.3 gr.	16.7 gr.
VIHT N-130	14.8 gr.	15.3 gr.	15.9 gr.	16.4 gr.	16.9 gr.	

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DIAMETER:0.121
0.172"**25 gr. V-MAX®**
Item No. 17105
C.O.L.: 1.770"
G1 B.C.: 0.230**25 gr. HP**
Item No. 1710
C.O.L.: 1.770"
G1 B.C.: 0.187

POWDER	VELOCITY (FPS – feet per second)					
	3200	3300	3400	3500	3600	3700
Alliant 2400	11.1 gr.	11.6 gr.	12.1 gr.	12.6 gr.	13.1 gr.	
IMR 4198	12.7 gr.	13.2 gr.	13.7 gr.	14.2 gr.	14.7 gr.	15.3 gr.
H4198		13.6 gr.	14.1 gr.	14.6 gr.	15.1 gr.	15.6 gr.
Alliant RL-7	12.8 gr.	13.4 gr.	13.9 gr.	14.5 gr.	15.1 gr.	15.7 gr.
VIHT N-130	13.6 gr.	14.2 gr.	14.8 gr.	15.3 gr.	15.9 gr.	16.4 gr.

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