

6 X 47mm

Rifle:	Remington 40X	Bullet Diameter:	0.243"
Barrel:27", 1 in 14" Twist	Maximum COL:	2.485"
Case:Federal	Max. Case Length:	1.850"
Primer:	Remington 7½	Case Trim Length:	1.840"

The 6 x 47mm is a 222 Magnum necked up to 6mm. This wildcat originated as and remains solely a bench rest cartridge. Remington has chambered rifles for this cartridge, but no factory ammunition has been available.

In bench rest circles, 6mm caliber has become increasingly popular. It provides improved wind resistance over the 22s and less recoil than the 308s. The 6 x 47mm has been popular in the 6mm field and has won many competitions. While the 6 x 47mm has the attributes of a fine varmint cartridge, it has lacked support from the firearms industry to achieve wide use in hunting.

The powders that performed best in our test firearm were VIHT N-130, IMR 4198, and WIN 748. WIN 748 has become popular with bench rest shooters because of its uniformity from one lot to the next. Best accuracy was obtained using the Hornady 75 grain Hollow Point and WIN 748. Warning: The loading data presented here was maximum for our rifle and components. Maximum loads should be approached by small increments because of the high loading density of this small cartridge. During our testing, primers other than Remington 7½s substituted at various intervals, resulting in many pierced primers before maximum loads were obtained. Always start low and work up to maximums when changing any components. This standard rule should be part of every reloader's "pre-flight checklist."

Hornady V-MAX® Bullets can give this accurate cartridge a new role for varminting. The 58 grain V-MAX® can be driven up to 3500 fps and deliver truly excellent results at long ranges.

58 GRAIN BULLETS

SECTIONAL DENSITY:
DIAMETER:

0.140
0.243"

6 X 47mm



58 gr. V-MAX®

Item No. 22411

C.O.L.: 2.440"

G1 B.C.: 0.250

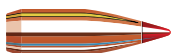
VELOCITY (FPS – feet per second)					
POWDER	3100	3200	3300	3400	3500
IMR 4198	21.4 gr.	22.2 gr.	23.1 gr.	24.0 gr.	
H4198	22.7 gr.	23.6 gr.	24.4 gr.	25.2 gr.	
Alliant RL-7	23.2 gr.	23.9 gr.	24.6 gr.		
VIHT N-130	23.3 gr.	24.1 gr.	24.9 gr.	25.7 gr.	
Accurate 2015	24.4 gr.	25.2 gr.	26.0 gr.	26.8 gr.	
Accurate 2230	25.4 gr.	26.2 gr.	27.1 gr.	28.0 gr.	28.8 gr.
WIN 748	27.1 gr.	27.9 gr.	28.7 gr.	29.6 gr.	

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65 GRAIN BULLETS

SECTIONAL DENSITY:
DIAMETER:

0.157
0.243"



65 gr. V-MAX®

Item No. 22415

C.O.L.: 2.445"

G1 B.C.: 0.280

VELOCITY (FPS – feet per second)						
POWDER	2800	2900	3000	3100	3200	3300
IMR 4198	19.7 gr.	20.5 gr.	21.4 gr.	22.2 gr.		
H4198	18.8 gr.	20.0 gr.	21.2 gr.	22.4 gr.	23.7 gr.	
VIHT N-130	20.8 gr.	21.8 gr.	22.8 gr.	23.7 gr.	24.7 gr.	
Accurate 2015	21.9 gr.	22.8 gr.	23.7 gr.	24.6 gr.		
IMR 3031	22.4 gr.	23.4 gr.	24.5 gr.	25.6 gr.	26.7 gr.	27.8 gr.
H322	23.6 gr.	24.5 gr.	25.4 gr.	26.3 gr.	27.1 gr.	
VIHT N-135	23.3 gr.	24.4 gr.	25.5 gr.	26.6 gr.	27.7 gr.	
WIN 748	25.6 gr.	26.4 gr.	27.2 gr.	28.0 gr.	28.8 gr.	

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70 GRAIN BULLETS

SECTIONAL DENSITY:
DIAMETER:

0.169
0.243"

6 X 47mm



70 gr. SP (Discontinued)

Item No. 2410
C.O.L.: 2.460"
G1 B.C.: 0.269

POWDER	VELOCITY (FPS – feet per second)					
	2700	2800	2900	3000	3100	3200
VIHT N-130	19.2 gr.	20.6 gr.	22.0 gr.	23.3 gr.		
Alliant RL-7	21.1 gr.	21.9 gr.	22.8 gr.			
Accurate 2015	22.5 gr.	23.3 gr.	24.1 gr.			
H322	22.5 gr.	23.6 gr.	24.7 gr.	25.8 gr.	27.0 gr.	
VIHT N-135	22.2 gr.	23.5 gr.	24.8 gr.	26.0 gr.	27.3 gr.	
H4895	24.6 gr.	25.6 gr.	26.6 gr.	27.5 gr.	28.5 gr.	
BL-C(2)	26.8 gr.	27.6 gr.	28.4 gr.	29.2 gr.	30.0 gr.	30.7 gr.

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75 GRAIN BULLETS

SECTIONAL DENSITY:
DIAMETER:

0.181
0.243"



75 gr. HP (Discontinued)

Item No. 2420
C.O.L.: 2.445"
G1 B.C.: 0.294



75 gr. V-MAX®

Item No. 22420
C.O.L.: 2.465"
G1 B.C.: 0.330

POWDER	VELOCITY (FPS – feet per second)					
	2500	2600	2700	2800	2900	3000
IMR 4198	17.8 gr.	18.7 gr.	19.5 gr.	20.4 gr.	21.3 gr.	
H4198	18.0 gr.	19.0 gr.	20.1 gr.	21.1 gr.	22.1 gr.	
Alliant RL-7	18.2 gr.	19.2 gr.	20.2 gr.	21.2 gr.		
VIHT N-130	19.0 gr.	19.9 gr.	20.8 gr.	21.7 gr.	22.6 gr.	
Accurate 2015	19.7 gr.	20.7 gr.	21.7 gr.	22.7 gr.	23.6 gr.	
WIN 748	18.5 gr.	20.1 gr.	21.7 gr.	23.3 gr.	24.9 gr.	26.4 gr.
IMR 3031	20.9 gr.	21.8 gr.	22.7 gr.	23.6 gr.	24.5 gr.	25.4 gr.
H322	20.6 gr.	21.7 gr.	22.7 gr.	23.8 gr.	24.9 gr.	25.9 gr.
VIHT N-135	21.7 gr.	22.6 gr.	23.5 gr.	24.4 gr.	25.3 gr.	26.2 gr.
VARGET	22.7 gr.	23.8 gr.	24.9 gr.	26.0 gr.	27.2 gr.	28.3 gr.

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87 GRAIN BULLETS

SECTIONAL DENSITY:
DIAMETER:

0.210
0.243"

6 X 47mm



87 gr. BTHP
Item No. 2442
C.O.L.: 2.470"
G1 B.C.: 0.376



87 gr. SP
Item No. 2440
C.O.L.: 2.470"
G1 B.C.: 0.327



87 gr. V-MAX®
Item No. 22440
C.O.L.: 2.470"
G1 B.C.: 0.400

POWDER	VELOCITY (FPS – feet per second)					
	2300	2400	2500	2600	2700	2800
Accurate 2015	18.8 gr.	19.8 gr.	20.7 gr.	21.6 gr.		
IMR 3031	19.8 gr.	20.7 gr.	21.6 gr.	22.5 gr.	23.4 gr.	24.3 gr.
H335	20.1 gr.	21.0 gr.	21.9 gr.	22.8 gr.	23.7 gr.	
VIHT N-135	20.4 gr.	21.4 gr.	22.3 gr.	23.3 gr.	24.3 gr.	25.2 gr.
IMR 4895	21.1 gr.	22.1 gr.	23.0 gr.	23.9 gr.	24.8 gr.	25.8 gr.
WIN 748	21.4 gr.	22.3 gr.	23.2 gr.	24.1 gr.	25.0 gr.	25.8 gr.
VARGET	21.1 gr.	22.2 gr.	23.3 gr.	24.4 gr.	25.5 gr.	26.6 gr.

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NOTE: The 87 grain V-MAX® bullets will not stabilize in 1-14" and slower twist Bbls.