

8 X 57mm MAUSER

RIFLE: Mauser Model 1898
BARREL: . . . 24", 1 in 9¼" Twist
CASE: Remington
PRIMER: Remington 9½

BULLET DIAMETER:
MAXIMUM C.O.L.:
MAX. CASE LENGTH:
CASE TRIM LENGTH:

Nearly all of today's popular cartridges have roots that can be traced back to one of four parent cartridges. Those cartridges are the 375 Holland & Holland, the 30-06 Springfield, the 40 Jeffery, and the 8mm Mauser. However, it is interesting to note the similarities between the 30-06 Springfield and the 8mm Mauser, the 8mm Mauser being 18 years the 30-06 Springfield's senior.

The 8mm Mauser was developed as the German military cartridge by (Peter) Paul Mauser in 1888 and was chambered in the Model 1888 rifle. The Model 1888 rifle used a bore diameter of .318" and the cartridge was identified as the 8 x 57mm J, with the J designating the .318" bore. Design changes were made to the cartridge in 1905, one of which was the bore diameter. It was changed from .318" to .323" and given a new designation, 8 x 57mm JS. There is confusion over the bore diameter change and signification letters to this day. Anyone possessing an 8 x 57mm and wishing to use the data should determine which bore diameter his gun has been proceeding. All data listed here use .323" bullets.

Hornady offers 4 different bullets for use in the 8 x 57mm JS. They are the 125 grain Spire Point, discontinued 150 grain Spire Point, 170 grain Round Nose, 195 grain Spire Point, a new addition in 2002. Bullets weighing 150 grains and more performed best with powders such as, Varget, WIN 748, and VIHT N-150. Faster powders such as VIHT N-135 should be used with the 125 grain Spire Point.

125 GRAIN BULLETS

SECTIONAL DENSITY: 0.171
BULLET DIAMETER: 0.323"



MAUSER SP (Discontinued)
MAX. C.O.L.: 2.880"

	VELOCITY		
	2600	2700	2800
125 gr. SP	33.9 gr.	35.9 gr.	38.0 gr.
125 gr. RN	34.6 gr.	37.0 gr.	39.0 gr.
125 gr. SP	39.4 gr.	41.1 gr.	42.5 gr.
125 gr. SP	40.7 gr.	42.5 gr.	44.0 gr.
125 gr. SP	39.5 gr.	42.1 gr.	44.0 gr.
125 gr. SP	43.3 gr.	45.2 gr.	47.0 gr.
125 gr. SP	43.4 gr.	45.6 gr.	47.0 gr.
125 gr. SP	44.8 gr.	46.7 gr.	48.0 gr.
125 gr. SP	48.2 gr.	50.1 gr.	52.0 gr.

Ballistics Tables are available at www.hornady.com

150 GRAIN BULLETS

SECTIONAL DENSITY: 0.205
BULLET DIAMETER: 0.323"



MAUSER SP
MAX. C.O.L.: 2.975"

	VELOCITY		
	2400	2500	2600
150 gr. SP	40.8 gr.	42.6 gr.	44.0 gr.
150 gr. SP	41.0 gr.	43.2 gr.	45.0 gr.
150 gr. SP	40.8 gr.	43.2 gr.	45.0 gr.
150 gr. SP	41.9 gr.	44.0 gr.	46.0 gr.
150 gr. SP	43.4 gr.	45.4 gr.	47.0 gr.
150 gr. SP	43.1 gr.	45.2 gr.	47.0 gr.
150 gr. SP	43.4 gr.	45.4 gr.	47.0 gr.
150 gr. SP	44.1 gr.	46.2 gr.	48.0 gr.
150 gr. SP	43.5 gr.	45.7 gr.	48.0 gr.
150 gr. SP	46.6 gr.	48.5 gr.	50.0 gr.

Ballistics Tables are available at www.hornady.com

Maximum load • use with caution

Indicates maximum load • use with caution

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

POWDER	2400	2500	2600	2700	2800	2900
IMR 3031	40.8 gr.	42.6 gr.	44.5 gr.	46.3 gr.	48.2 gr.	50.1 gr.
A 2520	41.0 gr.	43.2 gr.	45.4 gr.	47.5 gr.	49.7 gr.	51.9 gr.
IMR 4320	40.8 gr.	43.2 gr.	45.6 gr.	48.0 gr.	50.4 gr.	52.8 gr.
H 4395	41.9 gr.	44.0 gr.	46.1 gr.	48.2 gr.	50.4 gr.	52.6 gr.
IMR 4064	43.4 gr.	45.4 gr.	47.3 gr.	49.2 gr.	51.1 gr.	53.0 gr.
A 2495	43.1 gr.	45.2 gr.	47.2 gr.	49.2 gr.	51.2 gr.	53.2 gr.
VIHT N-140	43.4 gr.	45.4 gr.	47.5 gr.	49.6 gr.	51.7 gr.	53.8 gr.
RL-15	44.1 gr.	46.2 gr.	48.2 gr.	50.3 gr.	52.3 gr.	54.4 gr.
VARGET	43.5 gr.	45.7 gr.	48.0 gr.	50.2 gr.	52.4 gr.	54.6 gr.
WIN 748	46.6 gr.	48.5 gr.	50.4 gr.	52.3 gr.	54.2 gr.	56.1 gr.

VELOCITY (FPS—feet per second)

3032 SP C.O.L.: 2.975" S.C. 0.290



SECTIONAL DENSITY: 0.205
DIAMETER: 0.323"

50 GRAIN BULLETS

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

POWDER	2600	2700	2800	2900	3000	3100
IMR 3031	33.9 gr.	35.9 gr.	38.0 gr.	40.1 gr.	42.2 gr.	44.3 gr.
IMR 4320	34.6 gr.	37.0 gr.	39.5 gr.	41.9 gr.	44.4 gr.	46.8 gr.
H 4395	39.4 gr.	41.1 gr.	42.9 gr.	44.6 gr.	46.4 gr.	48.2 gr.
IMR 4064	40.7 gr.	42.5 gr.	44.2 gr.	46.0 gr.	47.7 gr.	49.5 gr.
A 2495	39.5 gr.	42.1 gr.	44.7 gr.	47.3 gr.	49.9 gr.	52.5 gr.
VIHT N-135	43.4 gr.	45.6 gr.	47.7 gr.	49.8 gr.	51.9 gr.	54.0 gr.
RL-15	44.8 gr.	46.7 gr.	48.6 gr.	50.5 gr.	52.4 gr.	54.3 gr.
WIN 748	48.2 gr.	50.1 gr.	52.0 gr.	53.9 gr.	55.8 gr.	57.7 gr.

VELOCITY (FPS—feet per second)

3032 SP (Discontinued) C.O.L.: 2.880"



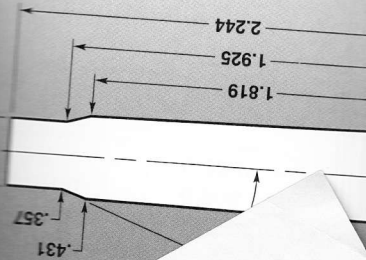
SECTIONAL DENSITY: 0.171
DIAMETER: 0.323"

50 GRAIN BULLETS

Hornady Handbook

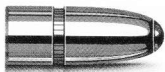
8 X 57mm MAUSER

BULLET DIAMETER:
MAXIMUM C.O.L.:
MAX. CASE LENGTH:
CASE TRIM LENGTH:



170 GRAIN BULLETS

SECTIONAL DENSITY: 0.233
DIAMETER: 0.323"



#3235 RN

B.C.: 0.217 C.O.L.: 2.890"

POWDER	VELOCITY (FPS—feet per second)					
	2200	2300	2400	2500	2600	2700
IMR 3031	39.2 gr.	41.0 gr.	42.7 gr.	44.5 gr.	46.3 gr.	
A 2520	37.4 gr.	40.2 gr.	42.9 gr.	45.6 gr.	48.3 gr.	
IMR 4320	39.1 gr.	41.4 gr.	43.7 gr.	46.0 gr.		
H 4895	40.0 gr.	42.0 gr.	44.0 gr.	46.0 gr.	47.9 gr.	
VARGET	39.3 gr.	41.7 gr.	44.2 gr.	46.7 gr.	49.1 gr.	
IMR 4064	41.1 gr.	43.2 gr.	45.3 gr.	47.3 gr.	49.4 gr.	
VIHT N-140	41.1 gr.	43.2 gr.	45.3 gr.	47.5 gr.	49.6 gr.	
RL-15	41.6 gr.	43.7 gr.	45.8 gr.	47.9 gr.	50.0 gr.	
A 2230	43.2 gr.	44.8 gr.	46.5 gr.	48.2 gr.	49.9 gr.	
VIHT N-150	43.6 gr.	45.7 gr.	47.9 gr.	50.1 gr.	52.2 gr.	
WIN 748	43.6 gr.	45.8 gr.	47.9 gr.	50.1 gr.	52.2 gr.	54.4 gr.

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

■ indicates maximum load • use with caution

195 GRAIN BULLETS

SECTIONAL DENSITY: 0.267
DIAMETER: 0.327"



#3236 SP

B.C.: 0.415 C.O.L.: 2.994"

POWDER	VELOCITY	
	2100	2200
A 2230	38.4 gr.	40.0 gr.
A 2520	38.0 gr.	40.0 gr.
BENCHMARK	39.4 gr.	41.2 gr.
IMR 3031	39.9 gr.	41.5 gr.
H 4895	40.2 gr.	42.1 gr.
VIHT N-135	39.4 gr.	41.8 gr.
WIN 748	40.6 gr.	42.7 gr.
IMR 4064	40.9 gr.	43.0 gr.
RL-15	41.2 gr.	43.2 gr.
VARGET	42.5 gr.	44.1 gr.
VIHT N-150	41.7 gr.	43.7 gr.

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

■ indicates maximum load • use with caution

8 X 57mm MAUSER

95 GRAIN BULLETS

SECTIONAL DENSITY: 0.267

DIAMETER: 0.323"



40236 SP

B.C.: 0.415 C.O.L.: 2.994"

VELOCITY (FPS—feet per second)

POWDER	2100	2200	2300	2400	2500
40236	38.4 gr.	40.0 gr.	41.6 gr.	43.1 gr.	
40230	38.0 gr.	40.0 gr.	42.0 gr.		
BENCHMARK	39.4 gr.	41.2 gr.	43.0 gr.		
40301	39.9 gr.	41.5 gr.	43.1 gr.	44.7 gr.	
40385	40.2 gr.	42.1 gr.	44.0 gr.	45.8 gr.	
WIN N-135	39.4 gr.	41.8 gr.	44.1 gr.	46.4 gr.	
WIN 748	40.6 gr.	42.7 gr.	44.8 gr.	46.9 gr.	49.0 gr.
4064	40.9 gr.	43.0 gr.	45.0 gr.	47.0 gr.	
RL-15	41.2 gr.	43.2 gr.	45.2 gr.	47.3 gr.	
TARGET	42.5 gr.	44.1 gr.	45.7 gr.	47.3 gr.	
40150	41.7 gr.	43.7 gr.	45.8 gr.	47.9 gr.	

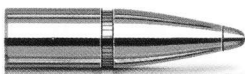
Hornady Ballistics Tables are available at www.hornady.com/ballistics

Indicates maximum load • use with caution

8 X 57mm MAUSER

220 GRAIN BULLETS

SECTIONAL DENSITY: 0.301
DIAMETER: 0.323"



#3238 SP (Discontinued)

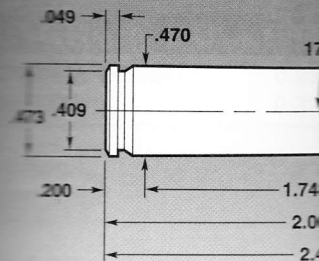
B.C.: 0.464 C.O.L.: 3.000"

VELOCITY (FPS—feet per second)

POWDER	1800	1900	2000	2100	2200	2300
IMR 3031	33.4 gr.	35.4 gr.	37.3 gr.	39.3 gr.	41.3 gr.	
A 2520	33.4 gr.	35.7 gr.	38.0 gr.	40.3 gr.		
IMR 4320	33.4 gr.	35.8 gr.	38.1 gr.	40.4 gr.	42.7 gr.	
H 4895	32.3 gr.	35.1 gr.	37.9 gr.	40.7 gr.	43.5 gr.	
VARGET	32.7 gr.	35.4 gr.	38.0 gr.	40.7 gr.	43.3 gr.	
IMR 4064	34.8 gr.	37.0 gr.	39.2 gr.	41.4 gr.	43.6 gr.	
WIN 748	36.8 gr.	38.5 gr.	40.2 gr.	41.9 gr.	43.5 gr.	
A 2495	34.7 gr.	37.1 gr.	39.6 gr.	42.0 gr.		
RL-15	35.9 gr.	38.0 gr.	40.0 gr.	42.1 gr.	44.2 gr.	46.2 gr.
VIHT N-150	36.1 gr.	38.6 gr.	41.0 gr.	43.4 gr.	45.8 gr.	48.2 gr.

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■ indicates maximum load • use with caution

**8mm-06**

RIFLE: Mauser Model 18
BARREL: . . 23½", 1 in 9¼" Tw
CASE: Hornady/Fronti
PRIMER: Winchester WL

A fine wildcat it is, and as the 8mm-06 case necked up to 8mm, it was a logical step in its development and the result of the Mauser Model 1898's chambering. To obtain 8mm Mauser ammunition after WW II. By simply necking up '06 case, they solved some added benefits in terms of surplus military 8mm's reaching the 1950's, the 8mm-06 converted this surge of shooter interest into great many fans of this wildcat. It imitates the performance of several other cartridges, like the Blommeke, a sporting cartridge used by Swedish military units.

Bullet selection for the 8mm-06 is not as wide as for the 30-06, but it is nonetheless adequate. That is by far our most popular and accurate, the 150 grain bullet will be hunted at longer ranges. The 125 grain Spire Point is an excellent choice for shorter ranges. The 125 grain Spire Point is suitable for deer and small game.