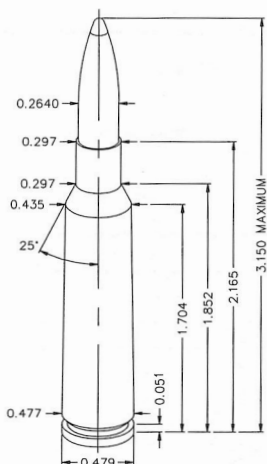


6.5 x 55mm Swedish Mauser



Test Specifications/ Components

Firearm Used: M96 Swedish Mauser

Barrel Length: 29.5"

Twist: 1 x 8.5"

Case: Federal

Trim-to Length: 2.155"

Primer: Fed 210

Remarks:

The 6.5x55mm was first adopted as a military cartridge over 100 years ago, and it is still an effective performer today. First introduced to the American shooting public in the form of inexpensive surplus military rifles, it has developed an enviable reputation for fine accuracy and mild recoil. In recent

years, Remington, Winchester and Ruger have all chambered rifles for this cartridge, adding to its new-found popularity among U.S. shooters. In the Scandinavian countries, however, the 6.5x55mm has always been a mainstay for both hunters and competitive match shooters.

By using Sierra bullets ranging from the 85 grain hollow point Varminter to the 160 grain semi-point, the mild little Swede is capable of handling most North American hunting situations. As with any small-caliber rifle used for big-game, proper bullet selection and accurate shot placement are essential for optimum results.

Norma, Federal and Remington are all currently producing Boxer primed brass. As with most foreign cartridges, military brass will be Berdan primed, making it unsuitable for reloading. Some sources have suggested making cases from the 270 or 30-06, but we do not recommend this practice. Such reformed cases will be approximately .007" undersized at the head and result in a pronounced bulge above the extractor groove when fired. In loading for the 6.5x55mm, bear in mind that the older military rifles were designed for pressures in the 45,000 psi range.

6.5 x 55mm Swedish Mauser continued

#1700 .264" 85 gr. HP

C.O.A.L. 2.800"



Powder/Velocity→	3000	3100	3200	3300	3400	3500
IMR-3031	39.3	40.5	41.7	42.9		
Benchmark		40.2	41.3			
IMR-4895	41.3	42.5	43.7	44.9	46.1	
Varget	41.5	42.7	43.9	45.1		
IMR-4064	40.3	41.5	42.7	43.9	45.1	46.3
IMR-4320	42.0	43.2	44.3	45.5	46.6	
AA-2700	43.9	45.2	46.4	47.7		
H380	44.4	45.6	46.9	48.1	49.4	50.6
Viht N150	42.2	43.3	44.3			
RE-19	48.9	50.5	52.0			
Energy/ft.lbs.	1699	1814	1933	2055	2182	2312

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	IMR-3031	41.7	3200	1933
Hunting Load	IMR-4064	45.1	3400	2182

#1710 .264" 100 gr. HP

C.O.A.L. 2.850"



Powder/Velocity→	2700	2800	2900	3000	3100	3200
IMR-3031	35.8	37.2	38.6	40.0	41.4	
Benchmark		37.5	38.9	40.2		
IMR-4895	37.5	39.0	40.4	41.9	43.3	
Varget	37.5	39.0	40.6	42.1	43.6	
IMR-4064	37.3	38.7	40.0	41.4	42.7	44.1
IMR-4320	37.7	39.1	40.5	41.9	43.3	44.7
AA-2700		42.3	43.9	45.5	47.1	
H380			42.7	44.3	45.8	47.4
Viht N150	37.0	38.7	40.4	42.1		
RE-19		46.0	47.6	49.3	50.9	
Energy/ft.lbs.	1619	1741	1867	1998	2134	2274

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	IMR-3031	40.0	3000	1998
Hunting Load	IMR-4064	44.1	3200	2274

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

6.5 x 55mm Swedish Mauser continued

#1715 .264" 107 gr. HPBT MatchKing
C.O.A.L. 3.000"



Powder+Velocity→	2700	2800	2900	3000	3100	3200
IMR-3031		35.8	37.4	39.0	40.6	
Benchmark		35.8	37.0	38.2		
IMR-4895	37.9	39.2	40.5	41.8		
Varget	38.1	39.4	40.7	42.0		
IMR-4064	38.8	40.1	41.4	42.7		
IMR-4320	38.3	39.7	41.1	42.5		
AA-2700	41.0	42.4	43.8	45.2		
H380		42.1	43.4	44.7	46.0	47.3
Viht N150	38.0	39.5	41.0	42.5		
RE-19	43.6	45.1	46.6	48.1	49.6	
Energy/ft.lbs.	1732	1863	1998	2138	2283	2433

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	AA-2700	45.2	3000	2138

Sierra does not recommend MatchKing bullets for hunting applications.

#1720 .264" 120 gr. SPT
C.O.A.L. 3.000"



#1725 .264" 120 gr. HPBT MatchKing
C.O.A.L. 3.000"



Powder+Velocity→	2600	2700	2800	2900	3000
IMR-3031	34.8	36.5	38.3	40.0	
Benchmark		36.5	37.9	39.2	
IMR-4895	36.8	38.4	40.0	41.6	
Varget	37.1	38.6	40.1		
IMR-4064	36.2	37.9	39.7	41.4	
IMR-4320	37.3	39.0	40.7	42.4	
H380	39.3	41.0	42.6	44.3	45.9
AA-4350	42.1	43.6	45.0		
RE-19	43.6	45.1	46.6	48.1	49.6
Viht N160	41.5	43.2	44.9	46.6	
Energy/ft.lbs.	1801	1942	2089	2241	2398

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Viht N160	44.9	2800	2089
Hunting Load	RE-19	48.1	2900	2241

Sierra does not recommend MatchKing bullets for hunting applications.

INDICATES MAXIMUM LOAD – USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

6.5 x 55mm Swedish Mauser continued

#1730 .264" 140 gr. SBT

C.O.A.L. 3.050"



#1740 .264" 140 gr. HPBT MatchKing

C.O.A.L. 3.050"



#1742 .264" 142 gr. HPBT MatchKing

C.O.A.L. 3.100"



Powder! / Velocity →	2300	2400	2500	2600	2700
IMR-3031	31.3	33.6	35.9		
IMR-4895	32.1	34.3	36.4	38.6	
Varget	31.6	33.7	35.8		
IMR-4064		34.1	36.1	38.0	40.0
IMR-4320		34.5	37.0	39.4	
AA-4350	36.3	38.3	40.2	42.2	44.1
RE-19	36.1	38.5	40.9	43.3	
RE-22	37.7	39.7	41.7	43.7	45.7
Energy/ft.lbs.	1644	1791	1943	2101	2266

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Varget	35.8	2500	1943
Hunting Load	RE-22	43.7	2600	2101

Sierra does not recommend MatchKing bullets for hunting applications.

#1750 .264" 160 gr. SMP

C.O.A.L. 3.062"

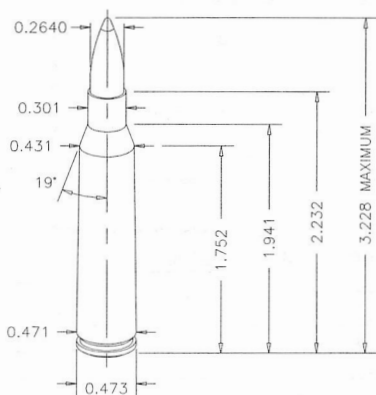


Powder! / Velocity →	2200	2300	2400	2500
AA-4350	35.1	37.3	39.5	41.7
H4350 EXT	34.8	36.8		
AA-3100	38.3	40.6	42.9	
RE-22	36.5	38.5	40.5	
H1000	38.7	41.5	44.3	
Energy/ft.lbs.	1719	1879	2046	2221

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	AA-3100	40.6	2300	1879
Hunting Load	RE-22	40.5	2400	2046

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

6.5 x 57mm Mauser



Test Specifications/ Components

Firearm Used: Savage 12VSS

Barrel Length: 26"

Twist: 1 x 8"

Case: Fed 7 x 57 Reformed

Trim-to Length: 2.222"

Primer: Fed 210

Remarks:

Although it is a mildly popular cartridge in central Europe, the 6.5x57mm is an all but unknown member of the Mauser family here in the United States. Of the same basic design as the far more popular 7x57mm Mauser, the 6.5x57mm never served as a military cartridge. This, perhaps as much

as any other factor, may explain why the 6.5x57mm waned while other members of the same family (and several other very similar cartridges) flourished.

Despite the lack of popularity, the 6.5x57mm is a good cartridge. It is well balanced, like most of the other cartridges in its class. Giving a good return of velocity for a relatively modest amount of powder, it also delivers moderate recoil and good barrel life. With a case capacity very close to that of the 6.5x55mm Swede, the 257 Roberts (its first cousin) and the 260 Remington, it is suitable for the same types of game. Even with all of its positive attributes, the 6.5x57mm sits in the middle of a very crowded field. With so many similar cartridges being more readily available, it is doubtful that the 6.5x57mm will ever achieve any notable success in the United States. Some European arms makers are still chambering it, and ammunition is available from RWS.

6.5 x 57mm Mauser continued

#1700 .264" 85 gr. HP
C.O.A.L. 2.900"



Powder+Velocity→	3000	3100	3200	3300	3400
IMR-3031	38.2	39.5	40.8	42.0	43.3
IMR-4895	40.7	42.0	43.3	44.5	45.8
Viht N135	37.9	39.3	40.8	42.2	
Varget	41.2	42.4	43.7	44.9	46.1
IMR-4064	40.2	41.6	43.0		
IMR-4350	46.3	47.6			
RE-19	48.7	50.0	51.2		
IMR-4831	48.9	50.1			
Energy/ft.lbs.	1699	1814	1933	2055	2182
	Powder	Grains	Velocity	Ft. lbs.	
Accuracy Load	IMR-4064	43.0	3200	1933	
Hunting Load	Viht N135	42.2	3300	2055	

#1710 .264" 100 gr. HP
C.O.A.L. 2.890"



Powder+Velocity→	2800	2900	3000	3100	3200
IMR-3031	36.1	37.6	39.1	40.6	
IMR-4895	37.7	39.2	40.8	42.3	43.8
Viht N135	35.9	37.7	39.4		
Varget	38.7	40.2	41.7	43.2	
IMR-4064	37.6	39.2	40.7		
IMR-4350	43.4	44.9	46.4		
RE-19	46.0	47.2	48.3	49.5	
IMR-4831	46.0	47.2	48.4		
Energy/ft.lbs.	1741	1867	1998	2134	2274
	Powder	Grains	Velocity	Ft. lbs.	
Accuracy Load	Varget	43.2	3100	2134	
Hunting Load	IMR-4895	43.8	3200	2274	

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

6.5 x 57mm Mauser continued

#1715 .264" 107 gr. HPBT MatchKing
C.O.A.L. 3.080"



Powder+Velocity→	2800	2900	3000	3100	3200
IMR-3031	36.1	37.5	38.9	40.2	41.6
IMR-4895	37.6	39.2	40.7	42.3	
Viht N135	36.0	37.6			
Varget	38.1	39.5	41.0	42.4	43.8
IMR-4064	37.6	39.1	40.5	42.0	
IMR-4350	43.2	44.5	45.7	47.0	
RE-19	45.1	46.5	47.8	49.2	
IMR-4831	45.4	46.6	47.7	48.9	
Energy/ft.lbs.	1863	1998	2138	2283	2433

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Viht N135	37.6	2900	1998

Sierra does not recommend MatchKing bullets for hunting applications.

#1720 .264" 120 gr. SPT
C.O.A.L. 3.030"



#1725 .264" 120 gr. HPBT MatchKing
C.O.A.L. 3.040"



Powder+Velocity→	2600	2700	2800	2900	3000
IMR-3031	34.9	36.6	38.3	40.0	
IMR-4895	36.4	38.1	39.8	41.5	
Varget	36.8	38.7	40.5		
IMR-4064	36.5	38.2	39.9		
Viht N140	36.8	38.7	40.6		
AA-4350	41.7	43.1	44.6	46.0	
IMR-4350	41.5	42.9	44.3		
RE-19	42.7	44.3	45.9	47.4	49.0
IMR-4831	43.3	44.8	46.3	47.8	49.3
Energy/ft.lbs.	1801	1942	2089	2241	2398

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	IMR-3031	38.3	2800	2089
Hunting Load	IMR-4831	49.3	3000	2398

Sierra does not recommend MatchKing bullets for hunting applications.

INDICATES MAXIMUM LOAD – USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

6.5 x 57mm Mauser *continued*

#1730 .264" 140 gr. SBT

C.O.A.L. 3.180"



#1740 .264" 140 gr. HPBT MatchKing

C.O.A.L. 3.180"



#1742 .264" 142 gr. HPBT MatchKing

C.O.A.L. 3.220"



Powder/Velocity→	2300	2400	2500	2600	2700
IMR-4895	32.3	34.1	36.0	37.8	
Varget	32.5	34.3	36.1	37.9	
IMR-4064	32.1	34.0	36.0	37.9	
Viht N140	31.9	34.0	36.0		
AA-4350	36.3	38.4	40.5	42.6	44.7
IMR-4350	35.9	37.7	39.5	41.3	43.1
RE-19	36.7	38.7	40.7	42.7	
IMR-4831	38.0	39.5	41.0	42.5	44.0
RE-22	37.0	39.0	41.0	43.0	45.0
Energy/ft.lbs.	1644	1791	1943	2101	2266

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	RE-22	43.0	2600	2101
Hunting Load	RE-22	45.0	2700	2266

Sierra does not recommend MatchKing bullets for hunting applications.

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