

6.5 x 57mm MAUSER

Test Specifications:

Firearm Used: Savage 12VSS

Barrel Length: 26"

Twist: 1 x 8"

Components:

Case: Fed 7 x 57 Reformed

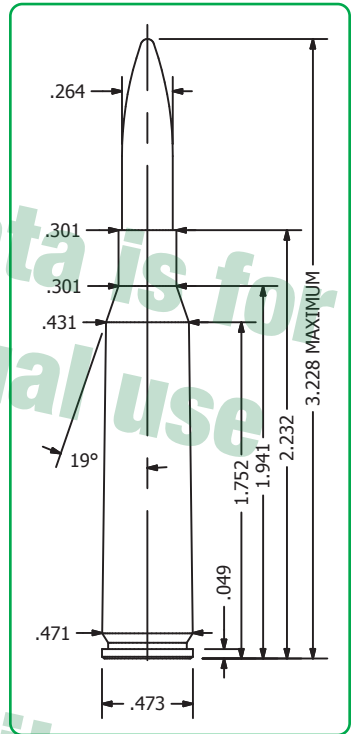
Trim-to Length: 2.222"

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.






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Bullet Caliber Weight Type						C.O.A.L.
	#1700	.264"	85gr.	HP		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		1698	1813	1932	2055	2181
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb		
Accuracy Load	IMR-4064	43.0	3200	1932		
Hunting Load	Viht N135	42.2	3300	2055		




Bullet Caliber Weight Type						C.O.A.L.
	#1710	.264"	100gr.	HP		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	2133	2273
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb		
Accuracy Load	Varget	43.2	3100	2133		
Hunting Load	IMR-4895	43.8	3200	2273		

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	Bullet	Caliber	Weight	Type	C.O.A.L.	
		#1715	.264"	107gr. HPBT MatchKing	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		1862	1998	2138	2283	2432
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb		
Accuracy Load	Viht N135	37.6	2900	1998		
<i>Sierra does not recommend MatchKing bullets for hunting applications.</i>						

	Bullet	Caliber	Weight	Type	C.O.A.L.	
		#1720	.264"	120gr. SPT	3.030"	
		#1725	.264"	120gr. HPBT MatchKing	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		
A 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	2240	2398
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb		
Accuracy Load	IMR-3031	38.3	2800	2089		
Hunting Load	IMR-4831	49.3	3000	2398		

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	Bullet	Caliber	Weight	Type	C.O.A.L.	
	#1730	.264"	140gr.	SBT	3.180"	
	#1740	.264"	140gr.	HPBT MatchKing	3.180"	
	#1742	.264"	142gr.	HPBT MatchKing	3.220"*	
*requires a 1x8" or faster twist						
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		
A 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	1790	1943	2101	2266
Special Load	Powder	Grains	Velocity fps	Energy Ft. lb		
Accuracy Load	RE-22	43.0	2600	2101		
Hunting Load	RE-22	45.0	2700	2266		