



6.5 X 55mm SWEDISH MAUSER

RIFLE: Mauser Model 1896
BARREL: . . . 29", 1 in 7½" Twist
CASE: Hornady/Frontier
PRIMER: Winchester WLR

BULLET DIAMETER: 0.264"
MAXIMUM C.O.L.: 3.150"
MAX. CASE LENGTH: . . . 2.165"
CASE TRIM LENGTH: . . . 2.155"

The 6.5 x 55mm is an excellent and deservedly popular military surplus import. Adopted as the Swedish service cartridge in 1894, and chambered in three different Mauser rifle models, the cartridge is popular in Sweden and Norway and increasingly here as well.

The 6.5 x 55 differs from the rest of the Mauserwerke's smokeless powder military cartridges in not sharing the same basic case. Its head diameter is .010" larger and its rim somewhat thicker.

Loaded with Hornady 129 grain and 140 grain bullets, the 6.5 x 55mm is acceptable for all but the largest North American game. The 160 grain Round Nose bullet, while sacrificing some performance due to its shape, nevertheless has extremely good sectional density and offers excellent performance on North American game at appropriate ranges. Reloaders are cautioned against attempting high intensity loads in either the Mauser or Krag actions, for they were not designed for pressures commonly developed in current factory rifles. Loads listed were safe in our test rifles, but maximum loads should be developed with care by each individual hand-loader. Start several grains below the top loads listed and work up a grain at a time, watching for signs of excessive pressure. The Model 1896 rifles with 29" barrels and Model 38 rifles with 24" barrels will both produce 200 fps faster velocities than the 18" carbine.

95-100 GRAIN BULLETS

SECTIONAL DENSITY: 0.195-0.205
DIAMETER: 0.264"



#22601 V-MAX™
B.C.: 0.365 C.O.L.: 2.905"



#2610 SP
B.C.: 0.358 C.O.L.: 2.905"

POWDER	VELOCITY (FPS—feet per second)					
	2700	2800	2900	3000	3100	3200
VIHT N-150	36.2 gr.	37.7 gr.	39.2 gr.	40.8 gr.	42.3 gr.	
IMR 4064	37.0 gr.	38.3 gr.	39.7 gr.	41.0 gr.	42.3 gr.	
RL-15	38.0 gr.	39.1 gr.	40.2 gr.	41.3 gr.	42.4 gr.	
VIHT N-140	35.7 gr.	37.6 gr.	39.6 gr.	41.5 gr.		
WIN 760	36.2 gr.	38.7 gr.	41.2 gr.	43.7 gr.	46.2 gr.	
IMR 4350	41.0 gr.	42.5 gr.	44.0 gr.	45.5 gr.	47.0 gr.	48.4 gr.
4007 SSC	40.9 gr.	42.5 gr.	44.2 gr.			
HYBRID 100V	41.0 gr.	42.7 gr.	44.3 gr.	46.0 gr.		
RL-17	42.2 gr.	43.5 gr.	44.7 gr.	46.0 gr.		
VIHT N-160	44.3 gr.	45.7 gr.	47.0 gr.	48.3 gr.	49.6 gr.	

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

 indicates maximum load • use with caution

120-123 GRAIN BULLETS

SECTIONAL DENSITY: 0.246-0.252
DIAMETER: 0.264"



#26172 A-MAX®
B.C.: 0.465 C.O.L.: 2.905"



#26110 GMX®
B.C.: 0.450 C.O.L.: 2.905"



#26171 A-MAX®
B.C.: 0.510 C.O.L.: 2.905"

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

NOTE: USE 129 GRAIN BULLETS DATA FOR LOADING THE 120-123 GRAIN BULLETS.

129 GRAIN BULLETS

SECTIONAL DENSITY: 0.264
DIAMETER: 0.264"



#26202 SST®
B.C.: 0.485 C.O.L.: 2.905"



#26209 IB
B.C.: 0.485 C.O.L.: 2.905"



#2620 SP
B.C.: 0.445 C.O.L.: 2.905"

VELOCITY (FPS—feet per second)

POWDER	2300	2400	2500	2600	2700
WIN 760	27.1 gr.	30.8 gr.	34.6 gr.	38.3 gr.	42.1 gr.
4007 SSC	35.6 gr.	37.3 gr.	39.0 gr.	40.8 gr.	
IMR 4350	36.4 gr.	37.9 gr.	39.4 gr.	40.9 gr.	42.4 gr.
VIHT N-160	33.4 gr.	36.0 gr.	38.5 gr.	41.0 gr.	43.6 gr.
HYBRID 100V	36.4 gr.	38.1 gr.	39.9 gr.	41.7 gr.	
RL-17	37.1 gr.	38.5 gr.	40.0 gr.	41.4 gr.	
RL-19	38.2 gr.	39.8 gr.	41.5 gr.	43.2 gr.	44.8 gr.
RL-22	34.4 gr.	37.2 gr.	39.9 gr.	42.7 gr.	45.4 gr.
H 450	38.2 gr.	40.0 gr.	41.9 gr.	43.7 gr.	45.5 gr.
H 4831	33.8 gr.	36.8 gr.	39.7 gr.	42.6 gr.	45.6 gr.
4000 MR	39.0 gr.	40.4 gr.	41.8 gr.	43.2 gr.	
A 3100	40.7 gr.	42.0 gr.	43.3 gr.	44.7 gr.	46.0 gr.

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140 GRAIN BULLETS

SECTIONAL DENSITY: 0.287
DIAMETER: 0.264"



#26302 SST®
B.C.: 0.520 C.O.L.: 2.905"



#26332 A-MAX®
B.C.: 0.585 C.O.L.: 3.025"



#26335 BTHP
B.C.: 0.580 C.O.L.: 3.025"



#2630 SP
B.C.: 0.465 C.O.L.: 2.905"

VELOCITY (FPS—feet per second)

POWDER	2300	2400	2500	2600
IMR 4350	36.9 gr.	38.4 gr.	39.9 gr.	41.4 gr.
HYBRID 100V	37.0 gr.	38.8 gr.		
RL-17	37.2 gr.	39.0 gr.	40.7 gr.	
VIHT N-160	37.0 gr.	39.0 gr.	41.0 gr.	
RL-19	37.6 gr.	39.6 gr.	41.6 gr.	43.5 gr.
H 4831	38.6 gr.	40.4 gr.	42.2 gr.	44.0 gr.
4000 MR	39.2 gr.	40.9 gr.	42.5 gr.	
H 450	39.8 gr.	41.4 gr.	42.9 gr.	
A 3100	40.5 gr.	41.9 gr.	43.3 gr.	44.7 gr.
VIHT N-165	37.2 gr.	41.1 gr.	45.0 gr.	

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160 GRAIN BULLETS

SECTIONAL DENSITY: 0.328
DIAMETER: 0.264"



#2640 RN (Discontinued)
B.C.: 0.283 C.O.L.: 2.970"

VELOCITY (FPS—feet per second)

POWDER	2100	2200	2300
RL-17	35.0 gr.	36.8 gr.	38.5 gr.
HYBRID 100V	35.1 gr.	37.2 gr.	39.3 gr.
4000 MR	36.6 gr.	38.5 gr.	40.4 gr.
RL-19	37.6 gr.	39.5 gr.	41.3 gr.
H 4831	38.3 gr.	40.3 gr.	42.3 gr.
A 3100	39.1 gr.	41.1 gr.	43.2 gr.
IMR 7828	39.6 gr.	41.4 gr.	43.3 gr.
VIHT N-165	39.2 gr.	41.4 gr.	43.6 gr.

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 indicates maximum load • use with caution