



6.5 X 55MM SWEDISH MAUSER

RIFLE:	Mauser Model 1896	BULLET DIAMETER:	0.264"
BARREL:	29", 1 in 7½" Twist	MAXIMUM C.O.L.:	3.150"
CASE:	Hornady/Frontier	MAX. CASE LENGTH:	2.165"
PRIMER:	Winchester WLR	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 handloader. 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:
DIAMETER:

0.195-0.205
0.264"



95 gr. V-MAX™

B.C.: 0.365 C.O.L.: 2.905"
Item No. 22601



100 gr. A-MAX®

B.C.: 0.390 C.O.L.: 2.905"
Item No. 26101



100 gr. SP

B.C.: 0.358 C.O.L.: 2.905"
Item No. 2610

VELOCITY (FPS – feet per second)

POWDER	2700	2800	2900	3000	3100	3200
VIHT N-150	36.2 gr.	37.7 gr.	39.2 gr.	40.8 gr.	42.3 gr.	
VIHT N-140	35.7 gr.	37.6 gr.	39.6 gr.	41.5 gr.		
IMR 4064	37.0 gr.	38.3 gr.	39.7 gr.	41.0 gr.	42.3 gr.	
Alliant RL-15	38.0 gr.	39.1 gr.	40.2 gr.	41.3 gr.	42.4 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.
IMR 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.		
Alliant 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 hornady.com/ballistics

120-123 GRAIN BULLETS

SECTIONAL DENSITY:
DIAMETER:

0.246-0.252
0.264"



120 gr. A-MAX®

B.C.: 0.465 C.O.L.: 2.905"
Item No. 26172



120 gr. GMX®

B.C.: 0.450 C.O.L.: 2.905"
Item No. 26110



123 gr. A-MAX®

B.C.: 0.510 C.O.L.: 2.905"
Item No. 26171

VELOCITY (FPS – feet per second)

POWDER	2400	2500	2600	2700	2800	2850
NORMA URP	37.4 gr.	38.8 gr.	40.2 gr.	41.6 gr.	43.1 gr.	
H4350	37.6 gr.	39.1 gr.	40.6 gr.	42.1 gr.	43.7 gr.	
WIN 760	37.7 gr.	39.2 gr.	40.6 gr.	42.1 gr.		
Alliant RL-17	38.1 gr.	39.4 gr.	40.8 gr.	42.1 gr.	43.4 gr.	44.1 gr.
Hybrid 100V	38.1 gr.	39.4 gr.	40.8 gr.	42.1 gr.	43.5 gr.	
IMR 4350	37.9 gr.	39.4 gr.	40.8 gr.	42.3 gr.	43.7 gr.	
VIHT N-160	39.0 gr.	40.6 gr.	42.2 gr.	43.8 gr.	45.4 gr.	
Hunter	40.3 gr.	41.9 gr.	43.4 gr.	44.9 gr.	46.4 gr.	47.2 gr.
Alliant RL-19	40.3 gr.	42.1 gr.	43.8 gr.	45.5 gr.	47.2 gr.	

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129 GRAIN BULLETS

SECTIONAL DENSITY:
DIAMETER:0.264
0.264"**129 gr. InterBond®**B.C.: 0.485 C.O.L.: 2.905"
Item No. 26209**129 gr. SST®**B.C.: 0.485 C.O.L.: 2.905"
Item No. 26202**129 gr. InterLock® SP**B.C.: 0.445 C.O.L.: 2.905"
Item No. 2620

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.
IMR 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.
Alliant RL-17	37.1 gr.	38.5 gr.	40.0 gr.	41.4 gr.	
Hybrid 100V	36.4 gr.	38.1 gr.	39.9 gr.	41.7 gr.	
H4831	33.8 gr.	36.8 gr.	39.7 gr.	42.6 gr.	45.6 gr.
Alliant RL-22	34.4 gr.	37.2 gr.	39.9 gr.	42.7 gr.	45.4 gr.
Alliant RL-19	38.2 gr.	39.8 gr.	41.5 gr.	43.2 gr.	44.8 gr.
Power Pro 4000 MR	39.0 gr.	40.4 gr.	41.8 gr.	43.2 gr.	

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140 GRAIN BULLETS

SECTIONAL DENSITY:
DIAMETER:0.287
0.264"**140 gr. BTHP Match™**B.C.: 0.580 C.O.L.: 3.025"
Item No. 26335**140 gr. A-MAX®**B.C.: 0.585 C.O.L.: 3.025"
Item No. 26332**140 gr. SST®**B.C.: 0.520 C.O.L.: 2.905"
Item No. 26302**140 gr. InterLock® SP**B.C.: 0.465 C.O.L.: 2.905"
Item No. 2630

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.		
VIHT N-160	37.0 gr.	39.0 gr.	41.0 gr.	
Alliant RL-17	37.2 gr.	39.0 gr.	40.7 gr.	
Alliant RL-19	37.6 gr.	39.6 gr.	41.6 gr.	43.5 gr.
H4831	38.6 gr.	40.4 gr.	42.2 gr.	44.0 gr.
Power Pro 4000 MR	39.2 gr.	40.9 gr.	42.5 gr.	
VIHT N-165	37.2 gr.	41.1 gr.	45.0 gr.	

Hornady ballistics tables are available at hornady.com/ballistics

160 GRAIN BULLETS

SECTIONAL DENSITY:
DIAMETER:

0.328
0.264"



160 gr. InterLock® RN

B.C.: 0.283 C.O.L.: 2.970"
Item No. 2640

VELOCITY (FPS – feet per second)

POWDER	2100	2200	2300
Alliant RL-17	35.0 gr.	36.8 gr.	38.5 gr.
Hybrid 100V	35.1 gr.	37.2 gr.	39.3 gr.
Power Pro 4000 MR	36.6 gr.	38.5 gr.	40.4 gr.
Alliant RL-19	37.6 gr.	39.5 gr.	41.3 gr.
H4831	38.3 gr.	40.3 gr.	42.3 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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