

6.5MM X 55 SWEDISH

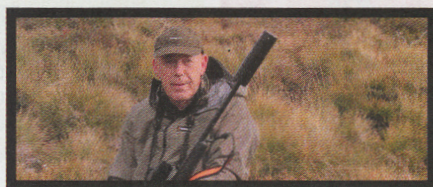
Jørund Lien

Even though it's called 6.5x55 Swedish in USA, this cartridge actually was a joint effort by Norway and Sweden. In 1893 the Norwegian/Swedish rifle committee adopted the 6.5x55 for both countries, but not for the same rifles. In Norway, our own M94 Krag-Jørgensen made at Kongsberg Våpenfabrik became the rifle for the armed forces; Sweden chose the Mauser M94, more commonly known as the Swedish Mauser. From the start, all 6.5x55 cartridges were loaded to the same pressures, but later it became clear that the Krag-Jørgensen action with only one locking lug in front could not stand the same pressures as the Mauser with two locking lugs. By that time Norma in Norway started to load 6.5x55 K-J cartridges with milder pressures, because a lot of hunters and shooters were still using the Krag-Jørgensen. But times go by, and more and more new rifles came into the market. And not only new rifles, telescopic sights became common. As the Krag is not especially well suited for scope mounts, the hunters who wanted a scoped 6.5x55 bought a new rifle. Or rebuilt a Mauser M98 with a new 6.5x55 barrel and scope mounts. As we all know, the M-98 and more modern rifle actions can take more pressure than the Krag action. Or the Swedish M94 Mauser. By that we got 6.5x55 cartridges loaded to two different pressure levels, and in Norway we still call them 6.5x55 K-J and 6.5x55 Mauser. Not that the genius at Mauser Oberndorf had anything to do with the 6.5x55, this cartridge is purely a Scandinavian invention. The Mauser name only points out that the 6.5x55 Mauser is for strong actions. CIP standard pressure for 6.5x55 is 3800 bar, and Norma

Åmotfors who is still loading 6.5x55 match cartridges for the Krag has 2950 bar as max pressure. More or less the same pressure as most of the American 6.5x55 cartridges.

So much for history, the facts about 6.5x55 is that it still is the most used cartridge in Norway.

The main reason is that it is The Cartridge for National Rifle competition, even though we are allowed to compete with 7.62x51 and 7.62x63, almost

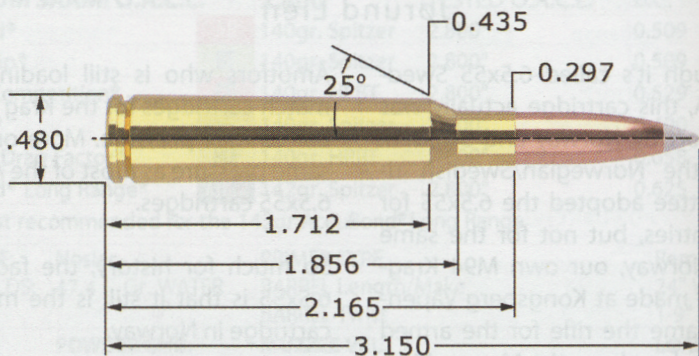


everybody shoots 6.5x55.

As a hunting cartridge, 6.5x55 is only behind 308 Winchester and 30-06 in popularity. Anyhow, with the right bullet, 6.5x55 is still one of the best cartridges for hunting roe deer and reindeer, and good enough for red deer. Even though there are better suited cartridges for moose hunting, the number of moose shot every year with 6.5x55 proves over and over again that a well placed 6.5mm bullet is enough. The 6.5x55 is the oldest 6.5 that is still popular, and for most hunting it has got one thing in common with the Nosler Partition; if you can't get the job done in a proper way with those, most probably you can't do it anyhow...








Jørund Lien is a freelance outdoor writer specializing on guns, reloading and hunting

6.5MM X 55 SWEDISH



Maximum S.A.A.M.I. Overall Cartridge Length: 3.150"

BULLET CHOICES FOR THE 6.5MM X 55 SWEDISH

AccuBond®	Ballistic Tip®	Partition®	Custom Competition®
AB	BT	PT	CC
Grain	Grain	Grain	Grain
130	100	100	100
140	120	125	123
	140	140	140
			
Expansion Tip®	AccuBond® LR	RDF®	
ET	ABLR	RDF	
Grain	Grain	Grain	
120	129	130	
	142	140	
			

TECHNICAL INFORMATION

In a high-quality rifle, accuracy of the "Swede" is excellent, and its ability to handle long, 140-grain bullets makes it a great choice for all but the largest of North American big game species. These loads are intended for use only with new firearms in good condition. If you are using an older military rifle, or are unsure as to the condition of your firearm, it must be thoroughly inspected by a competent gunsmith before use.

6.5x55 - 100 grain

6.5mm (.264")

MAXIMUM SAAMI O.A.C.L.			3.150"	TESTED O.A.C.L.	B.C.	S.D.
Ballistic Tip®	BT		100gr. Spitzer	3.025"	0.350	0.205
Custom Competition®	CC		100gr. HPBT	3.025"	0.362	0.205
Partition®	PT		100gr. Spitzer	3.025"	0.326	0.205
CASE TYPE:	Nosler		PRIMER TYPE	Rem 9 1/2		
CASE HOLDS:	55.3	Gr. WATER	BARREL Length/Make	23" Lilja		
			BARREL Twist	1-9"		
POWDER TYPE	POWDER CHG. GRS.		MUZZLE VEL. F.P.S.	LOAD DENSITY (VOLUME)		
Varget	43.5	* MAX.	3091			85%
Most Accurate	41.5		2992			81%
Powder Tested	39.5		2894			77%
H4831	51.0	MAX.	3117			96%
	49.0		2999			92%
	47.0	*	2882			89%
W760	47.5	MAX.	3118			90%
	45.5		3002			86%
	43.5	*	2885			82%
N150	42.0	* MAX.	3120			89%
	40.0		3010			85%
	38.0		2899			81%
IMR 4350	48.0	MAX.	3127			93%
	46.0		2973			89%
	44.0	*	2819			85%
Big Game	47.0	MAX.	3148			87%
	45.0	*	3039			83%
	43.0		2930			79%
RL19	51.5	* MAX.	3163		**	101%
	49.5		3018			97%
	47.5		2874			93%
N160	50.5	MAX.	3169		**	101%
	48.5		3042			97%
	46.5	*	2915			93%
RL15	43.5	MAX.	3188			82%
	41.5		3066			78%
	39.5	*	2944			74%

6.5x55 - 120 grain 6.5mm (.264")

MAXIMUM SAAMI O.A.C.L.			3.150"	TESTED O.A.C.L.	B.C.	S.D.
Ballistic Tip®			BT	120gr. Spitzer	3.025"	0.458 0.246
Expansion Tip®			ET	120gr. Spitzer	2.975"	0.497 0.246
Due to internal construction differences, always begin with starting loads when using Expansion Tip® products.						
CASE TYPE:	Nosler		PRIMER TYPE			Rem 9 1/2
CASE HOLDS:	54.0	Gr. WATER	BARREL Length/Make			23" Lilja
			BARREL Twist			1-9"
POWDER TYPE	POWDER CHG.		MUZZLE VEL.		LOAD DENSITY	
	GRS.		F.P.S.		(VOLUME)	
AA 2520	38.0	MAX.	2770			73%
	36.0		2670			69%
	34.0	*	2570			65%
N150	38.0	MAX.	2791			83%
	36.0		2689			78%
	34.0	*	2587			74%
Varget	41.0	MAX.	2834			82%
	39.0	*	2726			78%
	37.0		2618			74%
N160	46.5	MAX.	2837			96%
	44.5		2708			92%
	42.5	*	2579			87%
Hunter	47.0	MAX.	2857			90%
	45.0		2762			86%
	43.0	*	2667			82%
W760	45.5	* MAX.	2881			88%
Most Accurate	43.5		2755			84%
Powder Tested	41.5		2630			80%
IMR 4350	45.5	* MAX.	2902			90%
	43.5		2737			86%
	41.5		2572			82%
H4350	47.0	MAX.	3000			92%
	45.0		2870			88%
	43.0	*	2740			84%
RL19	48.5	MAX.	3002			98%
	46.5		2867			94%
	44.5	*	2732			90%


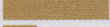




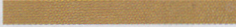



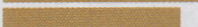








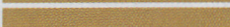







TECHNICAL INFORMATION

In a high-quality rifle, accuracy of the "Swede" is excellent, and its ability to handle long, 140-grain bullets makes it a great choice for all but the largest of North American big game species. These loads are intended for use only with new firearms in good condition. If you are using an older military rifle, or are unsure as to the condition of your firearm, it must be thoroughly inspected by a competent gunsmith before use.

BC=Ballistic Coefficient SD=Sectional Density
*Most Accurate Load Tested **Compressed Load
Use Maximum Loads with Caution
Refer to page 79 for additional safety information

6.5x55 - 123/125 grain

6.5mm (.264")

MAXIMUM SAAMI O.A.C.L.			3.150"	TESTED O.A.C.L.	B.C.	S.D.
Custom Competition®			CC 123gr. HPBT	3.025"	0.510	0.252
Partition®			PT 125gr. Spitzer	3.025"	0.449	0.256
CASE TYPE:	Nosler		PRIMER TYPE		Rem 9 1/2	
CASE HOLDS:	53.4	Gr. WATER	BARREL Length/Make		23" Lilja	
			BARREL Twist		1-9"	
POWDER TYPE	POWDER CHG. GRS.		MUZZLE VEL. F.P.S.		LOAD DENSITY (VOLUME)	
H4895	37.0	MAX.	2730		76%	
	35.0		2620		72%	
	33.0 *		2510		68%	
Hunter	46.0	MAX.	2797		89%	
	44.0		2663		85%	
	42.0 *		2530		81%	
N560	48.5	MAX.	2813		**	101%
	46.5		2702			97%
	44.5 *		2592			93%
W760	45.0	MAX.	2818		88%	
	43.0 *		2726		84%	
	41.0		2635		80%	
Varget	40.0 *	MAX.	2869		81%	
	38.0		2792		77%	
	36.0		2716		73%	
IMR 4350	45.5	MAX.	2910		91%	
Most Accurate	43.5		2750		87%	
Powder Tested	41.5 *		2590		83%	
IMR 4831	47.0 *	MAX.	2940		94%	
	45.0		2810		90%	
	43.0		2680		86%	
RL19	47.5	MAX.	2950		97%	
	45.5		2850		93%	
	43.5 *		2750		89%	
H4350	45.5	MAX.	2963		90%	
	43.5		2856		86%	
	41.5 *		2750		82%	

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Use Maximum Loads with Caution
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6.5x55 - 129/130 grain

6.5mm (.264")

MAXIMUM SAAMI O.A.C.L.

3.150"

TESTED O.A.C.L.

B.C. S.D.

AccuBond® Long Range

ABLR

129gr. Spitzer

3.025"

0.530 0.264

AccuBond®

AB

130gr. Spitzer

3.025"

0.488 0.266

Reduced Drag Factor™

RDF

130gr. HPBT

3.025"

0.615 0.266

CASE TYPE: Nosler

PRIMER TYPE

Rem 9 1/2

CASE HOLDS: 52.0 Gr. WATER

BARREL Length/Make

23" Lilja

BARREL Twist

1-9"

POWDER
TYPEPOWDER CHG.
GRS.MUZZLE VEL.
F.P.S.LOAD DENSITY
(VOLUME)

IMR 4350

43.5 MAX. 2627

89%

41.5 2516

85%

39.5 * 2406

81%

Magnum

52.0 * MAX. 2643

**

102%

50.0 2512

98%

48.0 2381

94%

H4831SC

48.0 * MAX. 2692

96%

46.0 2594

92%

44.0 2497

88%

H4350

43.5 MAX. 2716

89%

41.5 * 2617

84%

39.5 2519

80%

N550

43.0 MAX. 2741

92%

41.0 * 2624

88%

39.0 2507

83%

W760

44.0 * MAX. 2755

89%

42.0 2651

85%

40.0 2548

81%

RL19

47.5 MAX. 2776

99%

Most Accurate

45.5 * 2641

95%

Powder Tested

43.5 2507

91%

N560

48.0 MAX. 2794

**

103%

46.0 2662

98%

44.0 * 2530

94%

RL17

43.0 * MAX. 2822

86%

41.0 2713

82%

39.0 2604

78%

Hunter

45.0 MAX. 2837

89%

43.0 * 2722

85%

41.0 2607

81%

BC=Ballistic Coefficient SD=Sectional Density
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Use Maximum Loads with Caution
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6.5x55 - 140/142 grain

6.5mm (.264")

MAXIMUM SAAMI O.A.C.L.		3.150"	TESTED O.A.C.L.	B.C.	S.D.
AccuBond®	AB	140gr. Spitzer	3.025"	0.509	0.287
Ballistic Tip®	BT	140gr. Spitzer	3.025"	0.509	0.287
Custom Competition®	CC	140gr. HPBT	3.025"	0.529	0.287
Partition®	PT	140gr. Spitzer	3.025"	0.490	0.287
Reduced Drag Factor™	RF	140gr. HPBT	3.025"	0.658	0.287
AccuBond® Long Range	ABLR	142gr. Spitzer	3.025"	0.625	0.291

CASE TYPE:	Nosler	PRIMER TYPE	Rem 9 1/2
CASE HOLDS:	50.2 Gr. WATER	BARREL Length/Make	23" Lilja
		BARREL Twist	1-9"

POWDER TYPE	POWDER CHG. GRS.	MUZZLE VEL. F.P.S.	LOAD DENSITY (VOLUME)
N150	36.5 MAX. 2494		86%
	34.5 * 2383		81%
	32.5 2273		76%
N160	41.0 MAX. 2509		91%
	39.0 2413		86%
	37.0 * 2316		82%
Magnum	51.5 MAX. 2591		** 104%
	49.5 * 2482		100%
	47.5 2373		96%
N560	46.0 MAX. 2689		** 102%
	44.0 2584		97%
	42.0 * 2478		93%
RL22 Most Accurate Powder Tested	46.5 * MAX. 2740		** 101%
	44.5 2650		96%
	42.5 2560		92%
IMR 4831	44.5 MAX. 2762		95%
	42.5 2657		91%
	40.5 * 2552		86%
H4831	47.0 MAX. 2778		98%
	45.0 2663		93%
	43.0 * 2548		89%
IMR 4350	43.0 MAX. 2780		92%
	41.0 2640		87%
	39.0 * 2500		83%
H1000	52.0 MAX. 2790		** 110%
	50.0 2690		** 105%
	48.0 * 2590		** 101%

BC=Ballistic Coefficient SD=Sectional Density
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