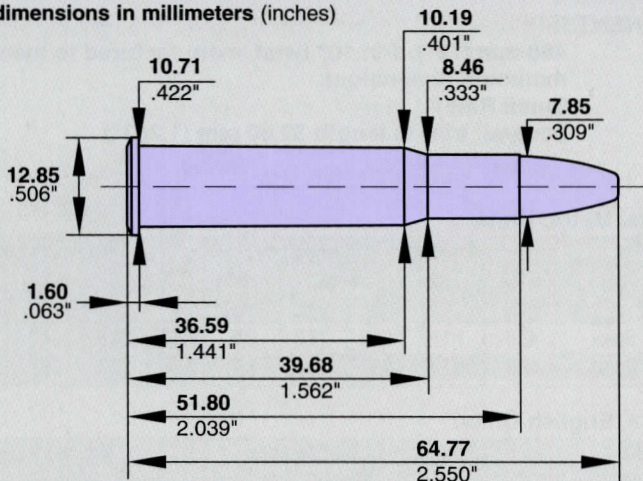


.30-30 Winchester

CIP max. dimensions in millimeters (inches)



Country of origin:	USA
Year of introduction:	1895
Max. bullet diameter:	7.85 mm (.309")
Max. cartridge length:	64.77 mm (2.550")
Max. case length:	51.80 mm (2.039"), trim to 51.60 mm (2.031")
Max. CIP piezo pressure:	280 MPa (40600 psi)

The .30-30 Winchester is one of the legendary American cartridges and has gained a reputation as the number one deer cartridge among American hunters since it was first introduced by Winchester in mid-1890s. The reason is simple. This cartridge has always been chambered in a fast handling, dependable and moderately priced firearm with an adequate kick-down power at a ranges up to 150 m.

The .30-30 Winchester is commonly chambered in carbine type firearms with lever actions like the Winchester Model 94 and Marlin Model 366 heading the list. With these tubular magazine rifles only flat nose bullets should be used. There exist bolt actions, too, and in Europe many break-top combination guns have been chambered for the rimmed .30-30 Winchester.

The .30-30 Winchester long been the standard American deer cartridge, and it is still the yardstick by which the performance of all others is compared. Despite its popularity, the .30-30 Winchester is no wonder cartridge with regard to accuracy or killing power and requires careful bullet selection for the application. Although sometimes reloaded with light bullets, it has neither the velocity nor accuracy in most rifles to make a very good varmint round. Despite all said above, it is a perfectly adequate deer cartridge if properly used by a good shot.

.30-30 Winchester

TEST COMPONENTS:

Test barrel: 510 mm (20"), 1 in 12" twist, manufactured to meet CIP minimum dimensions.

Primers: Large Rifle

Cases: Remington, trim-to length 51.60 mm (2.031")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load			
Weight [g]	Type	Mfg.	C.O.L. [mm]	Type	Weight [g]	Velocity [m/s]		Weight [g]	Velocity [m/s]	Pressure [MPa]	
6.8	HP	LAPUA	64.5	N130	1.90	29.4	742	2.11	32.5	813	max.
				N133	2.11	32.6	775	2.35	36.3	843	max.
8.5	FSP	Speer	64.7	N120	1.60	24.7	655	1.79	27.6	714	max.
				N130	1.77	27.3	669	1.98	30.5	738	max.
				N133	1.91	29.5	682	2.13	32.8	752	max.
				N135	2.02	31.1	683	2.24	34.6	748	max.
9.7	FSP	Speer	64.5	N120	1.42	21.9	556	1.57	24.2	605	max.
				N130	1.60	24.7	583	1.78	27.5	641	max.
				N133	1.66	25.7	590	1.85	28.6	645	max.
				N135	1.90	29.4	610	2.10	32.4	669	max.
				N140	2.04	31.5	613	2.25	34.7	683	max.
11.0	FSP	Speer	64.5	N130	1.54	23.8	553	1.71	26.3	602	max.
				N133	1.63	25.2	548	1.79	27.6	594	max.
				N135	1.75	27.0	556	1.95	30.1	614	max.
				N140	1.83	28.2	550	2.05	31.7	617	max.

Reloading Data, English Units:

Bullet				Powder	Starting Load		Maximum Load		
Weight [grs]	Type	Mfg.	C.O.L. [in.]	Type	Weight [grs]	Velocity [fps]	Weight [grs]	Velocity [fps]	Pressure [psi]
105	HP	LAPUA	2.539	N130	29.4	2433	32.5	2668	max.
				N133	32.6	2542	36.3	2765	max.
130	FSP	Speer	2.547	N120	24.7	2149	27.6	2344	max.
				N130	27.3	2196	30.5	2420	max.
				N133	29.5	2238	32.8	2467	max.
				N135	31.1	2242	34.6	2455	max.
150	FSP	Speer	2.539	N120	21.9	1824	24.2	1985	max.
				N130	24.7	1911	27.5	2103	max.
				N133	25.7	1935	28.6	2115	max.
				N135	29.4	2000	32.4	2193	max.
				N140	31.5	2011	34.7	2240	max.
170	FSP	Speer	2.539	N130	23.8	1813	26.3	1974	max.
				N133	25.2	1799	27.6	1948	max.
				N135	27.0	1825	30.1	2015	max.
				N140	28.2	1803	31.7	2025	max.

INDICATES MAXIMUM LOAD - USE WITH CAUTION!

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED