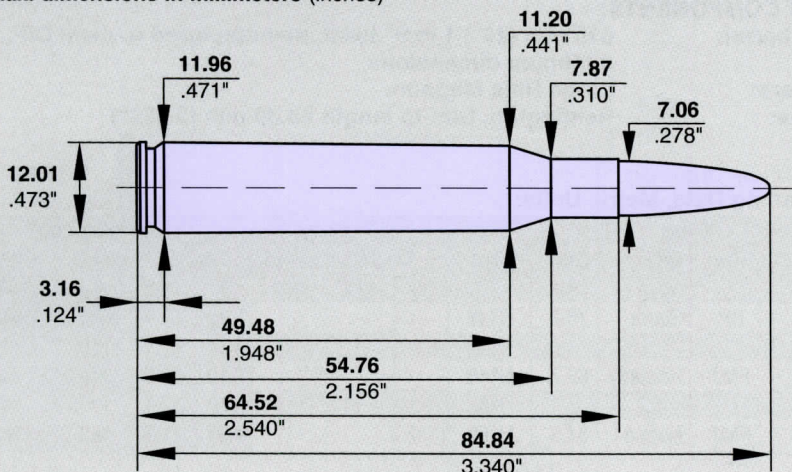


.270 Winchester

CIP max. dimensions in millimeters (inches)



Country of origin:	USA
Year of introduction:	1925
Max. bullet diameter:	7.06 mm (.278")
Max. cartridge length:	84.84 mm (3.340")
Max. case length:	64.52 mm (2.540"), trim to 64.30 mm (2.531")
Max. CIP pressure:	430 MPa (62350 psi)

The .270 Winchester is based on the .30-06 cartridge decked down to accept a cal. .277 bullet. The new cartridge was introduced by Winchester in 1925 for their Model 54 bolt action rifle. This cartridge is known as a flat shooting big game stopper that has kept it alive more than 70 years. The .270 Winchester has long held the position as one of the most popular big game cartridges on the market.

Along with the .30-06 Springfield, the .270 Winchester has gained the reputation of one of the most accurate and effective all-round big game cartridges and its popularity has been increasing steadily. Although not intended as a varmint cartridge, the .270 Winchester will serve very well in that capacity when loaded with bullets of 6.5 g (100 grains). It is generally considered to be a better long range varmint cartridge than its parent, the .30-06 Springfield. When loaded with 8.4 - 10.4 g (130 - 160 gr.) premium bullets this caliber is capable of taking anything from deer-size game up to moose, and even some of the African plains game as well.

Assuming the proper bullet for the job at hand is used, the .270 Winchester is a fine choice for the hunter, who wants to have true varmint potential in his/her big game rifle.

.270 Winchester

TEST COMPONENTS:

Test barrel: 620 mm (24½"), 1 in 10" twist, manufactured to meet CIP minimum dimensions.

Primers: Large Rifle

Cases: Remington, trim-to length 64.30 mm (2.531")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load			
Weight [g]	Type	Mfg.	C.O.L. [mm]	Type	Weight [g]	[grs]	Velocity [m/s]	Weight [g]	[grs]	Velocity [m/s]	Pressure [MPa]
6.5	Spitzer	Speer	80.0	N150	2.95	45.5	910	3.22	49.8	960	max.
				N160	3.68	56.8	927	4.09	63.1	1018	max.
				N165	3.77	58.2	921	4.20	64.8	1005	395
8.4	SP	Remington	82.0	N160	3.34	51.6	847	3.60	55.5	905	max.
				N560	3.56	54.9	856	3.85	59.7	925	max.
				N165	3.48	53.8	838	3.84	59.3	907	max.
9.7	Spitzer	Speer	82.0	N160	2.86	44.1	731	3.20	49.4	794	max.
				N560	3.30	50.9	803	3.60	55.5	856	max.
				N165	3.11	47.9	750	3.45	53.2	808	max.
10.4	Partition	Nosler	84.6	N160	3.02	46.6	743	3.31	51.0	795	max.
				N165	3.10	47.8	747	3.44	53.1	803	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]	
100	Spitzer	Speer	3.150	N150	45.5	2986	49.8	3150	max.	
				N160	56.8	3040	63.1	3340	max.	
				N165	58.2	3023	64.8	3297	57300	
130	SP	Remington	3.228	N160	51.6	2778	55.5	2969	max.	
				N560	54.9	2808	59.7	3034	max.	
				N165	53.8	2751	59.3	2975	max.	
150	Spitzer	Speer	3.228	N160	44.1	2397	49.4	2604	max.	
				N560	50.9	2634	55.5	2808	max.	
				N165	47.9	2461	53.2	2650	max.	
160	Partition	Nosler	3.331	N160	46.6	2436	51.0	2607	max.	
				N165	47.8	2452	53.1	2634	max.	

INDICATES MAXIMUM LOAD - USE WITH CAUTION!

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED