



# LAPUA

The blueprint for success since 1923.





# LAPUA® RIMFIRE

**.22 LR cartridges for the best, by the best**

## RIMFIRE PERFECTION

Whatever your competitive shooting discipline, you'll find the perfect offering from our selection of .22 LR rimfire cartridges.

Serious rimfire competitors use the best firearm and ammunition available to them. Lapua continues to deliver exceptional performance – from ISSF disciplines to rimfire benchrest shooting, biathlon, pistol, and 60-shot prone .22 LR competitions. Continue to feed your competition firearm platforms the ammunition that has no equal. Find your passion with Lapua .22 LR rimfire ammunition.

## THE STATISTICS PROVE IT

Throughout the years, Lapua rimfire ammunition has been the steady forerunner and the number one choice of the best shooters at countless Olympics, World Championships and other major shooting events.

During the last Olympic winter games 95% of all competing athletes used Lapua Polar Biathlon ammunition.



**MORE THAN  
95%!**

## LAPUA LONG RANGE & SUPER LONG RANGE

Lapua quality has been around for 100 years, and we adequately celebrate by presenting two new rimfire cartridges designed for ranges at 100 m/yds and beyond: The Lapua Long Range and Super Long Range.

The result of extensive product development combined with the world's finest rimfire production process, the Lapua Long Range and Super Long Range are made and designed for those who are looking for the best of the best in extreme long distance shooting with .22 caliber

ammunition. These subsonic rimfire rounds show excellent performance on targets at 100 m/yds and beyond and are the perfect option for disciplines such as Long Range, PRS, rimfire benchrest and Field Target shooting. With a muzzle velocity of 337 m/s or 1106 fps, Lapua Long Range and Super Long Range come with a flat trajectory and improved wind performance. Both cartridges bring a competitive advantage to any top shooter, with the Super Long Range giving the very best group accuracy.

Lapua Long Range and Super Long Range - the high quality rounds to fulfill all accuracy requirements of rimfire shooters sharing our Passion for Precision.



# NEW



## .22 LR cartridges

\* The more detailed product data charts can be found on the page 9.

Cartridge type	Muzzle velocity		Ballistic coefficient	Image
	m / sec	fps	G1	
<b>X-Act</b> Bullet weight: 2.59 g / 40 gr Product no. 420161	<b>327</b>	<b>1073</b>	<b>0.172</b>	
<b>Midas+</b> Bullet weight: 2.59 g / 40 gr Product no. 420162	<b>327</b>	<b>1073</b>	<b>0.172</b>	
<b>Center-X</b> Bullet weight: 2.59 g / 40 gr Product no. 420163	<b>327</b>	<b>1073</b>	<b>0.172</b>	
<b>Pistol King</b> Bullet weight: 2.59 g / 40 gr Product no. 420164	<b>285</b>	<b>935</b>	<b>0.172</b>	
<b>Pistol OSP</b> Bullet weight: 2.59 g / 40 gr Product no. 420165	<b>280</b>	<b>919</b>	<b>0.172</b>	
<b>Polar Biathlon</b> Bullet weight: 2.59 g / 40 gr Product no. 420166	<b>337</b>	<b>1106</b>	<b>0.172</b>	
<span style="background-color: red; color: white; padding: 2px;">New!</span> <b>Long Range</b> Bullet weight: 2.59 g / 40 gr Product no. 420168	<b>337</b>	<b>1106</b>	<b>0.172</b>	
<span style="background-color: red; color: white; padding: 2px;">New!</span> <b>Super Long Range</b> Bullet weight: 2.59 g / 40 gr Product no. 420167	<b>337</b>	<b>1106</b>	<b>0.172</b>	



### X-ACT

Extreme passion for precision

Lapua's X-ACT .22 LR ammo has been developed after an extensive research program to unite all of the best properties of each of the components. The shooters can depend on the absolute accuracy and consistency of this cartridge, known as an extremely sophisticated product of highest quality. X-ACT has been tested by most of the world's top rimfire shooters, and the comments have been nothing but praise: "The best .22 LR ammunition I ever shot." Our X-ACT ammunition is the true embodiment of our Passion for Precision.



### MIDAS+

The new generation Midas cartridge

Lapua's Midas+ rimfire ammunition is the improved generation of Midas. The long success story of Midas ammo brought a lot of excellent results, which have been used as the basis for the new generation cartridges. Always accurate, this is the .22 LR ammunition of choice for many world class rimfire shooters.



### CENTER-X

Versatility and superb performance

Lapua's Center-X gives you the confidence of high quality .22 long rifle match ammunition. This ammo is widely used by rimfire enthusiasts around the world. Lapua's Center-X is a versatile .22 LR cartridge known for its superb performance.



### POLAR BIATHLON

Ideal target performance in all conditions

Lapua Polar Biathlon has been the ammunition behind the vast majority of biathlon medals won worldwide for many years. This cartridge is specifically designed for use in the frigid conditions common to most biathlon competitions. Lapua's Polar Biathlon round offers ideal performance under all conditions, with consistent accuracy and reliable ignition.

Lapua Polar Biathlon is used by nearly all of the National Biathlon Teams for cold weather competition.

Lapua works closely with the International Biathlon Union and actively promotes biathlon sports.



### PISTOL OSP

Worldwide pistol ammo favorite

Lapua's Pistol OSP is a specialized ammunition for OSP (Olympic Sport Pistol) disciplines. Constant, accurate and precise, it is a favorite among rapid fire pistol shooters worldwide.



### PISTOL KING

Loaded for success

This .22 LR ammunition was developed to be an extremely accurate competition cartridge ideal for short barreled firearms. It is consistent, provides excellent accuracy and gives smooth, reliable and dependable functioning. Lapua Pistol King has been loaded for success.



### LONG RANGE

Excellent target performance for the long range

A new subsonic rimfire round designed for long range shooting disciplines such as PRS, rimfire benchrest and Field Target shooting. Lapua Long Range has a flat trajectory and offers great performance at 100 m/yds and beyond.



### SUPER LONG RANGE

Long range perfection

The best of the best. Our new subsonic .22 LR ammunition performs with impeccable accuracy at ranges 100 m/yds and beyond. With a muzzle velocity of 337 m/s or 1106 fps, Lapua Super Long Range comes with a flat trajectory and improved wind performance. The perfect option for disciplines such as Long Range, PRS, rimfire benchrest and Field Target shooting.







# VISIT & SHOP OFFICIAL LAPUA® MERCH!



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The Lapua rimfire test centers are a partner for shooters from all around the world. Our customers include numerous international top shooters and world champions.

Our mission is to provide serious competitors an opportunity to select the very best rimfire ammunition, matched specifically to their firearms. To that end, we offer the ability to test a variety of different types and lots of Lapua rimfire ammunition at our facilities in Germany, USA, Finland and Norway.

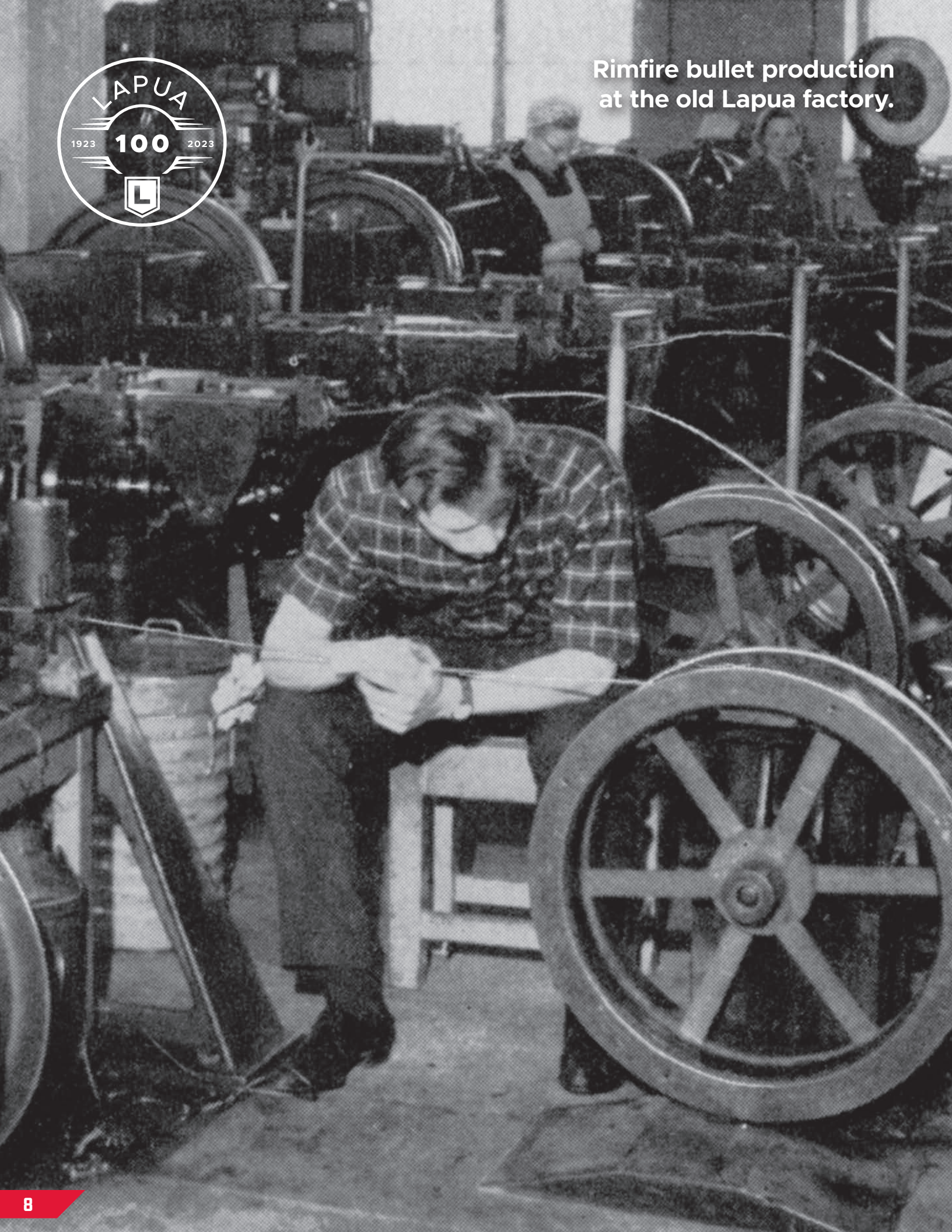
Testing is performed from a machined rest in a controlled environment, eliminating the variables associated with outdoor testing, shooter fatigue, and operator error.

The barreled action of the rifle is first removed from the stock then mounted into a precision machined bedding block. This block is then put into our return to battery fixture, which is attached to a large concrete block that has its own foundation separate from the rest of the building. We take these steps to ensure that as many variables as possible are removed during the testing process. This helps us to provide you with the most reliable testing data you can find.





## Rimfire bullet production at the old Lapua factory.



### METRIC

#### CARTRIDGES - RIMFIRE RIFLE AND PISTOL

Trajectory tables recalculated with Doppler based radar data

Cartridge type Bullet weight [grams]	Product no.	Velocity [m/s] (Note barrel length) Energy [J] Wind drift [mm] (Sidewind 4 m/s)					Trajectory [mm]				Test barrel length [mm]
		0 m	2,5 m	10 m	50 m	100 m	Weapon sighted in at [m]	Impact point above or below line of sight Sights 40 mm above bore line			
								10 m	50 m	100 m	
X-Act 2,59	420161	327	326	322	304	284	25	-17	-22	-267	660
		138	137	134	120	104		-13	0	-224	
		0	0	1	24	98		-2	51	-122	
Midas + 2,59	420162	327	326	322	304	284	25	-17	-22	-267	660
		138	137	134	120	104		-13	0	-224	
		0	0	1	24	98		-2	51	-122	
Center-X 2,59	420163	327	326	322	304	284	25	-17	-22	-267	660
		138	137	134	120	104		-13	0	-224	
		0	0	1	24	98		-2	51	-122	
Pistol King 2,59	420164	285	284	281	266	247	25	-15	-41	-389	150
		105	104	102	91	79		-6	0	-307	
		0	0	1	27	111		25	78	-169	
Pistol OSP 2,59	420165	280	279	276	261	243	25	-14	-44	-407	150
		102	101	99	88	76		-6	0	-320	
		0	0	1	28	114		9	74	-171	
Polar Biathlon 2,59	420166	337	335	331	312	291	25	-17	-18	-249	550
		147	146	142	126	109		-14	0	-212	
		0	0	1	25	100		-4	48	-116	

New!

Long Range 2,59	420168	0 m	50 m	100 m	150 m	200 m	50	100 m	150 m	200 m	660
		337	313	291	272	253		-211	-711	-1545	
		147	127	110	95	83		0	-395	-1123	
Super Long Range 2,59	420167	0 m	50 m	100 m	150 m	200 m	50	100 m	150 m	200 m	660
		337	313	291	272	253		-211	-711	-1545	
		147	127	110	95	83		0	-395	-1123	

### IMPERIAL

#### CARTRIDGES - RIMFIRE RIFLE AND PISTOL

Trajectory tables recalculated with Doppler based radar data

Cartridge type Bullet weight [grains]	Product no.	Velocity [fps] (Note barrel length) Energy [ft.-lbs.] Wind drift [in] (wind 13 fps)					Trajectory [in]				Test barrel length [in]
		0 yd	2.5 yd	10 yd	50 yd	100 yd	Weapon sighted in at [yd]	Impact point above or below line of sight Sights 1.6 in above bore line			
								10 yd	50 yd	100 yd	
X-Act 40	420161	1073	1069	1059	1006	944	25	-0,7	-0,4	-7,8	26
		102	101	99	90	79		-0,6	0	-7,0	
		0	0	0	0,8	3,1		-0,3	1,6	-3,9	
Midas + 40	420162	1073	1069	1059	1006	944	25	-0,7	-0,4	-7,8	26
		102	101	99	90	79		-0,6	0	-7,0	
		0	0	0	0,8	3,1		-0,3	1,6	-3,9	
Center-X 40	420163	1073	1069	1059	1006	944	25	-0,7	-0,4	-7,8	26
		102	101	99	90	79		-0,6	0	-7,0	
		0	0	0	0,8	3,1		-0,3	1,6	-3,9	
Pistol King 40	420164	935	931	923	878	824	25	-0,7	-1,1	-11,8	5,9
		78	77	76	68	60		-0,4	0	-9,7	
		0	0	0	0,9	3,5		0,0	2,2	-5,3	
Pistol OSP 40	420165	919	916	907	863	809	25	-0,6	-1,1	-12,4	5,9
		75	74	73	66	58		-0,4	0	-10,1	
		0	0	0	0,9	3,6		0,1	2,3	-5,5	
Polar Biathlon 40	420166	869	866	858	815	761	25	-0,6	-1,5	-11,8	4,7
		67	67	65	59	50		-0,3	0	-9,7	
		0	0	0	0,9	3,3		0,0	2,2	-5,3	

New!

Long Range 40	420168	0 yd	50 yd	100 yd	150 yd	200 yd	50	100 yd	150 yd	200 yd	26
		1106	1032	968	907	850		-6,6	-22,4	-48,8	
		108	95	83	73	64		0	-12,6	-35,7	
Super Long Range 40	420167	0 yd	50 yd	100 yd	150 yd	200 yd	50	100 yd	150 yd	200 yd	26
		1106	1032	968	907	850		-6,6	-22,4	-48,8	
		108	95	83	73	64		0	-12,6	-35,7	

Ballistic coefficients are calculated by Quick Target Unlimited Lapua Edition from  $V_0$  to  $V_{75}$   
BC G1 for all Rimfire .22 LR bullets = 0.172



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