



LAPUA





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Certified

Nammo Lapua Oy is certified in accordance with the ISO 9001:2015 quality system standard, AQAP 2110 (Ed. D Ver 1), the ISO 14001: 2015 environmental standard and the ISO 45001: 2018 occupational health and safety standard.

Part of Nammo Group

Passion for Precision since **1923**

At Lapua, we have always taken pride in producing the best ammunition for people and situations where accuracy truly matters.

For more than a hundred years, we have used our depth of experience and state of the art production and quality control to create offerings unrivalled for their precision, consistency and downrange performance. This "Passion for Precision" is the blueprint for our success every day, in everything we do.



NEW LAPUA CASES!

.300 WSM

6mm GT



Lapua .300 WSM Cartridge Cases

Over the last 20 years the firearms industry has seen a rise in the popularity of rifle cartridges designed to equal or exceed the performance of the traditional belted magnums but without some of the limitations of cartridge overall length. Among the multitude of new cartridges, one of the most successful of these has been the .300 Winchester Short Magnum (WSM). The .300 WSM provides many competitive features and advantages over legacy belted magnum cartridges, delivering energy equal to the .300 Win Mag and conveniently integrated into a short action rifle design. These features include enhanced rigidity, a shorter bolt throw, a compact pow-

der column, and reduction in weight - all attributes which enhance performance during the hunt or on the firing line.

Available this spring, Lapua introduces .300 WSM cartridge cases, finally providing a superior quality case component for its loyal followers. Lapua cartridge cases are known to exceed the quality and longevity of all others offered on the market - our customers' words, not ours. Lapua uses only the highest quality materials and manufacturing processes to satisfy the demands of long-range shooters who seek the highest levels of precision from their .300 WSM firearm platforms.

Lapua 6mm GT Cartridge Cases

New for 2024, Lapua will offer a superior choice for competitive shooters with Lapua 6mm GT cartridge cases. Experience unparalleled consistency, quality, and durability with Lapua's 6mm GT as you pursue excellence in the world of practical precision rifle sports.

The incredible growth witnessed in PRS, NRL, and similar competitive shooting disciplines the past 10 years has heralded the development of high performance, short-action cartridges like the 6mm GT. The GT provides flawless feeding from

bolt-action, magazine feed platforms when utilizing the latest high ballistic coefficient 6mm projectiles. Its ultra-efficient cartridge provides low recoil impulse for easy target acquisition and offers excellent precision and velocity consistency.

The Lapua 6mm GT difference: We provide superior cartridge geometry that is based on the original 6.5x47mm Lapua parent case. This maximizes longevity and optimizes case capacity for the competitive shooter.

VISIT  & SHOP OFFICIAL
LAPUA® MERCH!



LAPUA® CENTERFIRE

Superbly accurate target shooting cartridges

The finest ammunition in numerous calibers

All Lapua cartridges feature superior accuracy characteristics. Reliable and timely ignition, optimal muzzle velocity and excellent ballistic properties are the result of well designed and carefully manufactured components. The Lapua cartridge is the perfect combination of state-of-the-art brass, exceptional bullets together with top-notch primers and gun powder. Assemble these with our well known passion for precision, and you have simply the finest ammunition in the world. Our versatile range of target cartridges offers solutions for all kinds of sport shooting disciplines such as long range, rifle silhouette, practical shooting and many more.

Despite the automation in production and quality assurance, our staff personally inspects every ammunition lot and, if necessary, even each individual cartridge. The finishing touch of the carefully controlled manufacturing process is the primer and powder, perfectly compatible with the case and the bullet. We work together with the leading powder and primer manufacturers to carefully choose the powder and a dependable primer that best fits each cartridge type. Reliability and accuracy of the ammunition we produce is continuously proven in test shootings.





* Point-Blank Range (PBR)
 * Die günstigste Einschußentfernung (GEE)
 * The more detailed product data charts can be found on the pages 64-72.

| .222 Remington | | | | | Product no. 4315021 |
|---|-----------------|------|-----------------------|-----------|---------------------|
| Bullet type / weight Full Metal Jacket (FMJ) 3.6 g / 55 gr Bullet code S569 | Muzzle velocity | | Ballistic coefficient | | |
| | m / sec | fps | G1 | G7 | |
| | 910 | 2985 | 0.230 | - | |
| | | | | 168 GEE * | |
| | | | | 184 PBR * | |

| .222 Remington | | | | | Product no. 4315030 |
|---|-----------------|------|-----------------------|-----------|---------------------|
| Bullet type / weight Soft Point (SP) 3.6 g / 55 gr Bullet code E539 | Muzzle velocity | | Ballistic coefficient | | |
| | m / sec | fps | G1 | G7 | |
| | 880 | 2887 | 0.185 | - | |
| | | | | 163 GEE * | |
| | | | | 175 PBR * | |

| .222 Remington | | | | | Product no. N315025 |
|--|-----------------|------|-----------------------|-----------|---------------------|
| Bullet type / weight Expanding bullet (Naturalis) 3.2 g / 50 gr Bullet code N566 | Muzzle velocity | | Ballistic coefficient | | |
| | m / sec | fps | G1 | G7 | |
| | 965 | 3166 | 0.197 | - | |
| | | | | 176 GEE * | |
| | | | | 198 PBR * | |

| .223 Remington | | | | | Product no. 4315042 |
|---|-----------------|------|-----------------------|-----------|---------------------|
| Bullet type / weight Full Metal Jacket (FMJ) 3.6 g / 55 gr Bullet code S569 | Muzzle velocity | | Ballistic coefficient | | |
| | m / sec | fps | G1 | G7 | |
| | 955 | 3133 | 0.255 | - | |
| | | | | 181 GEE * | |
| | | | | 198 PBR * | |

| .223 Remington | | | | | Product no. N315026 |
|--|-----------------|------|-----------------------|-----------|---------------------|
| Bullet type / weight Expanding bullet (Naturalis) 3.2 g / 50 gr Bullet code N566 | Muzzle velocity | | Ballistic coefficient | | |
| | m / sec | fps | G1 | G7 | |
| | 1015 | 3330 | 0.197 | - | |
| | | | | 185 GEE * | |
| | | | | 202 PBR * | |

| .223 Remington | | | | | Product no. 4315015 |
|--|-----------------|------|-----------------------|-------|---------------------|
| Bullet type / weight Open Tip Match (Scenar-L) 4.5 g / 69 gr Bullet code GB544 | Muzzle velocity | | Ballistic coefficient | | |
| | m / sec | fps | G1 | G7 | |
| | 830 | 2723 | 0.341 | 0.171 | |
| | | | | | |

| .243 Winchester | | | | | Product no. 4316052 |
|---|-----------------|------|-----------------------|-----------|---------------------|
| Bullet type / weight Full Metal Jacket (FMJ) 5.8 g / 90 gr Bullet code S561 | Muzzle velocity | | Ballistic coefficient | | |
| | m / sec | fps | G1 | G7 | |
| | 885 | 2905 | - | - | |
| | | | | 176 GEE * | |
| | | | | 192 PBR * | |

| .243 Winchester | | | | | Product no. N316201 |
|--|-----------------|------|-----------------------|-----------|---------------------|
| Bullet type / weight Expanding bullet (Naturalis) 5.8 g / 90 gr Bullet code N509 | Muzzle velocity | | Ballistic coefficient | | |
| | m / sec | fps | G1 | G7 | |
| | 910 | 2985 | 0.230 | - | |
| | | | | 167 GEE * | |
| | | | | 183 PBR * | |



* Point-Blank Range (PBR)
 * Die günstigste Einschußentfernung (GEE)
 * The more detailed product data charts can be found on the pages 64-72.

| 6 mm BR Norma | | | | Product no. 4316044 | |
|---|-----------------|-------------|-----------------------|---------------------|--|
| | | | | SPORT | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | | |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar-L) 5.8 g / 90 gr | 900 | 2950 | 0.434 | 0.216 | |
| Bullet code GB543 | | | | | |

| 6 mm BR Norma | | | | Product no. 4316047 | |
|--|-----------------|-------------|-----------------------|---------------------|--|
| | | | | SPORT | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | | |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar-L) 6.8 g / 105 gr | 815 | 2674 | 0.472 | 0.236 | |
| Bullet code GB542 | | | | | |

| 6.5x47 Lapua | | | | Product no. 4316017 | |
|--|-----------------|-------------|-----------------------|---------------------|--|
| | | | | SPORT | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | | |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar-L) 7.8 g / 120 gr | 845 | 2772 | 0.497 | 0.246 | |
| Bullet code GB547 | | | | | |

| 6.5x47 Lapua | | | | Product no. 4316011 | |
|--|-----------------|-------------|-----------------------|---------------------|--|
| | | | | SPORT | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | | |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar) 8.0 g / 123 gr | 850 | 2790 | 0.527 | 0.263 | |
| Bullet code GB489 | | | | | |



| 6.5x47 Lapua | | | | Product no. 4316016 | |
|--|-----------------|-------------|-----------------------|---------------------|--|
| | | | | SPORT | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | | |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar-L) 8.8 g / 136 gr | 800 | 2625 | 0.545 | 0.274 | |
| Bullet code GB546 | | | | | |





* Point-Blank Range (PBR)
 * Die günstigste Einschußentfernung (GEE)
 * The more detailed product data charts can be found on the pages 64-72.



| 6.5x47 Lapua | | | | | Product no. 4316012 |
|--|-----------------|-------------|-----------------------|--------------|---|
| | | | | | SPORT |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar) 9.0 g / 139 gr | 820 | 2690 | 0.578 | 0.290 |  |
| Bullet code GB458 | | | | | |

| 6.5 Creedmoor | | | | | Product no. N316401 |
|---|------------------|-------------|-----------------------|--------------|---|
| | | | | | HUNT |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Expanding bullet (Naturalis) 9.1 g / 140 gr | 815 | 2674 | 0.472 | 0.236 |  |
| Bullet code N563 | LEAD FREE BULLET | | | | |
| | | | | | 148 GEE * 160 PBR * |



| 6.5x47 Lapua | | | | | Product no. N316301 |
|---|------------------|-------------|-----------------------|----|--|
| | | | | | HUNT |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Expanding bullet (Naturalis) 9.1 g / 140 gr | 807 | 2648 | 0.201 | - |  |
| Bullet code N563 | LEAD FREE BULLET | | | | |
| | | | | | 150 GEE * 165 PBR * |

| 6.5 Creedmoor | | | | | Product no. 4316054 |
|---|-----------------|-------------|-----------------------|----|--|
| | | | | | HUNT |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Soft Point (Mega) 10.1 g / 156 gr | 780 | 2559 | 0.377 | - |  |
| Bullet code E471 | | | | | |
| | | | | | 156 GEE * 171 PBR * |

| 6.5 Creedmoor | | | | | Product no. 4316050 |
|--|-----------------|-------------|-----------------------|--------------|---|
| | | | | | SPORT / TACTICAL |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar) 8.0 g / 123 gr | 850 | 2790 | 0.527 | 0.263 |  |
| Bullet code GB489 | | | | | |



| .260 Remington | | | | | Product no. 4316065 |
|--|-----------------|-------------|-----------------------|--------------|---|
| | | | | | SPORT |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar-L) 8.8 g / 136 gr | 814 | 2671 | 0.545 | 0.274 |  |
| Bullet code GB546 | | | | | |



| 6.5 Creedmoor | | | | | Product no. 4316063 |
|--|-----------------|-------------|-----------------------|--------------|---|
| | | | | | SPORT |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar-L) 8.8 g / 136 gr | 835 | 2740 | 0.545 | 0.274 |  |
| Bullet code GB546 | | | | | |

| 6.5x55 SE | | | | | Product no. 4316033 |
|--|-----------------|-------------|-----------------------|----|---|
| | | | | | SPORT / HUNT |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Full Metal Jacket (FMJ) 6.5 g / 100 gr | 830 | 2723 | 0.250 | - |  |
| Bullet code S341 | | | | | |
| | | | | | 159 GEE * 174 PBR * |






* Point-Blank Range (PBR)
 * Die günstigste Einschußentfernung (GEE)
 * The more detailed product data charts can be found on the pages 64-72.



| 6.5x55 SE | | Product no. 4316035 | | | |
|--|-----------------|---------------------|-----------------------|--------------|---|
| | | SPORT | | | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar) 6.5 g / 100 gr | 800 | 2625 | 0.424 | 0.212 |  |
| Bullet code GB504 | | | | | |

| 6.5x55 SE | | Product no. 4316032 | | | |
|--|-----------------|---------------------|-----------------------|--------------|---|
| | | SPORT | | | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar) 8.0 g / 123 gr | 830 | 2723 | 0.527 | 0.263 |  |
| Bullet code GB489 | | | | | |



| 6.5x55 SE | | Product no. 4316031 | | | |
|--|-----------------|---------------------|-----------------------|--------------|--|
| | | SPORT | | | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar) 7.0 g / 108 gr | 900 | 2950 | 0.465 | 0.231 |  |
| Bullet code GB464 | | | | | |

| 6.5x55 SE | | Product no. 4316036 | | | |
|--|-----------------|---------------------|-----------------------|--------------|--|
| | | SPORT | | | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar) 8.0 g / 123 gr | 920 | 3015 | 0.527 | 0.263 |  |
| Bullet code GB489 | | | | | |

| 6.5x55 SE | | Product no. 4316038 | | | |
|--|-----------------|---------------------|-----------------------|--------------|---|
| | | SPORT | | | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar-L) 7.8 g / 120 gr | 830 | 2723 | 0.497 | 0.246 |  |
| Bullet code GB547 | | | | | |

| 6.5x55 SE | | Product no. 4316040 | | | |
|--|-----------------|---------------------|-----------------------|--------------|---|
| | | SPORT | | | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar-L) 8.8 g / 136 gr | 815 | 2674 | 0.545 | 0.274 |  |
| Bullet code GB546 | | | | | |

| 6.5x55 SE | | Product no. 4316039 | | | |
|--|-----------------|---------------------|-----------------------|--------------|---|
| | | SPORT | | | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar-L) 7.8 g / 120 gr | 920 | 3018 | 0.497 | 0.246 |  |
| Bullet code GB547 | | | | | |

| 6.5x55 SE | | Product no. 4316030 | | | |
|--|-----------------|---------------------|-----------------------|--------------|---|
| | | SPORT | | | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar) 9.0 g / 139 gr | 800 | 2625 | 0.424 | 0.212 |  |
| Bullet code GB458 | | | | | |





* Point-Blank Range (PBR)
 * Die günstigste Einschußentfernung (GEE)
 * The more detailed product data charts can be found on the pages 64-72.




| 6.5x55 SE | | | | | Product no. N316102 |
|---|---|-------------|------------------------|----|---|
| HUNT | | | | | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Expanding bullet (Naturalis) 9.1 g / 140 gr | 800 | 2625 | 0.201 | - |  |
| Bullet code N563 |  | | 152 GEE * 164 PBR * | | |




| 6.5x55 SE | | | | | Product no. 4316021 |
|---|--|-------------|------------------------|----|--|
| HUNT | | | | | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Soft Point (Mega) 10.1 g / 156 gr | 780 | 2559 | 0.377 | - |  |
| Bullet code E471 |  | | 156 GEE * 171 PBR * | | |

| 7x64 | | | | | Product no. N317322 |
|--|---|-------------|------------------------|----|---|
| HUNT | | | | | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Expanding bullet (Naturalis) 10.1 g / 156 gr | 840 | 2756 | 0.280 | - |  |
| Bullet code N564 |  | | 163 GEE * 173 PBR * | | |

| 7x65R | | | | | Product no. N317323 |
|--|---|-------------|------------------------|----|---|
| HUNT | | | | | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Expanding bullet (Naturalis) 10.1 g / 156 gr | 840 | 2756 | 0.280 | - |  |
| Bullet code N564 |  | | 163 GEE * 173 PBR * | | |

| .308 Winchester | | | | | Product no. 4317527 |
|--|---|-------------|------------------------|----|---|
| SPORT / HUNT | | | | | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Full Metal Jacket (FMJ) 8.0 g / 123 gr | 895 | 2936 | 0.270 | - |  |
| Bullet code S374 |  | | 173 GEE * 189 PBR * | | |

| .308 Winchester | | | | | Product no. 4317498 |
|--|--|-------------|------------------------|----|--|
| HUNT | | | | | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Soft Point (Mega) 9.7 g / 150 gr | 850 | 2790 | 0.330 | - |  |
| Bullet code E469 |  | | 168 GEE * 184 PBR * | | |

| .308 Winchester | | | | | Product no. 4317076 |
|---|---|-------------|-----------------------|--------------|---|
| SPORT / TACTICAL | | | | | |
| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |  |
| | m / sec | fps | G1 | G7 | |
| Open Tip Match (Scenar-L) 10.0 g / 155 gr | 860 | 2820 | 0.460 | 0.230 |  |
| Bullet code GB552 |  | | | | |

PASSION FOR PRECISION



* Point-Blank Range (PBR)
 * Die günstigste Einschußentfernung (GEE)
 * The more detailed product data charts can be found on the pages 64-72.

.308 Winchester

Product no. 4317515
SPORT / TACTICAL

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|---|-----------------|------|-----------------------|-------|
| | m / sec | fps | G1 | G7 |
| Open Tip Match (Scenar) 10.85 g / 167 gr | 820 | 2690 | 0.446 | 0.223 |
| Bullet code GB422 | | | | |

.308 Winchester

Product no. 4317520
SPORT / TACTICAL

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|--|-----------------|------|-----------------------|-------|
| | m / sec | fps | G1 | G7 |
| Open Tip Match (Scenar-L) 11.3 g / 175 gr | 793 | 2602 | 0.490 | 0.247 |
| Bullet code GB550 | | | | |

.308 Winchester

Product no. 4317596
SPORT / HUNT / TACTICAL

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|------------------------------|-----------------|------|-----------------------|-------|
| | m / sec | fps | G1 | G7 |
| Lock Base 11.0 g / 170 gr | 840 | 2756 | 0.498 | 0.249 |
| Bullet code B476 | | | | |

.308 Winchester

Product no. 4317523
SPORT / TACTICAL

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|--|-----------------|------|-----------------------|-------|
| | m / sec | fps | G1 | G7 |
| Open Tip Match (Scenar) 12.0 g / 185 gr | 755 | 2475 | 0.482 | 0.242 |
| Bullet code GB432 | | | | |

.308 Winchester

Product no. 43M7600
SPORT / TACTICAL

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|--|-----------------|------|-----------------------|-------|
| | m / sec | fps | G1 | G7 |
| Lock Base Semi-Auto 11.0 g / 170 gr | 744 | 2441 | 0.498 | 0.249 |
| Bullet code B476 | | | | |

.308 Winchester

Product no. 4317189
HUNT

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|--------------------------------------|-----------------|------|-----------------------|----|
| | m / sec | fps | G1 | G7 |
| Soft Point (Mega) 12.0 g / 185 gr | 765 | 2690 | 0.319 | - |
| Bullet code E415 | | | | |

151 GEE *
165 PBR *

.308 Winchester

Product no. N317105
HUNT

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|---|-----------------|------|-----------------------|-------|
| | m / sec | fps | G1 | G7 |
| Expanding bullet (Naturalis) 11.0 g / 170 gr | 800 | 2625 | 0.354 | 0.177 |
| Bullet code N558 | | | | |

159 GEE *
174 PBR *

.308 Winchester

Product no. 4317590
SPORT / HUNT / TACTICAL

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|--|-----------------|------|-----------------------|-------|
| | m / sec | fps | G1 | G7 |
| Full Metal Jacket Boat Tail 12.0 g / 185 gr | 760 | 2490 | 0.506 | 0.254 |
| Bullet code D46 | | | | |



* Point-Blank Range (PBR)
 * Die günstigste Einschußentfernung (GEE)
 * The more detailed product data charts can be found on the pages 64-72.

.308 Winchester


Product no. 4317340
TACTICAL


| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|---|--|-------------|-----------------------|--------------|
| | m / sec | fps | G1 | G7 |
| Full Metal Jacket Boat Tail 13.0 g / 200 gr | 325 | 1066 | 0.518 | 0.235 |
| Bullet code B416 Subsonic |  | | | |
| | | | | |



.30-06 Springfield

Product no. 4317567
HUNT

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|---|---|-------------|-----------------------|-----------|
| | m / sec | fps | G1 | G7 |
| Soft Point (Mega) 13.0 g / 200 gr | 775 | 2545 | 0.344 | - |
| Bullet code E401 |  | | | 154 GEE * |
| | | | | 168 PBR * |



.30-06 Springfield

Product no. 4317577
SPORT / HUNT

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|--|--|-------------|-----------------------|-----------|
| | m / sec | fps | G1 | G7 |
| Full Metal Jacket (FMJ) 8.0 g / 123 gr | 895 | 2936 | 0.270 | - |
| Bullet code S374 |  | | | 173 GEE * |
| | | | | 189 PBR * |



.300 Win Mag.

Product no. N317204
HUNT

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|--|--|-------------|-----------------------|--------------|
| | m / sec | fps | G1 | G7 |
| Expanding bullet (Naturalis) 11.0 g / 170 gr | 902 | 2959 | 0.354 | 0.177 |
| Bullet code N558 |  | | | 178 GEE * |
| | | | | 195 PBR * |



.30-06 Springfield


Product no. N317106
HUNT


| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|--|---|-------------|-----------------------|--------------|
| | m / sec | fps | G1 | G7 |
| Expanding bullet (Naturalis) 11.0 g / 170 gr | 830 | 2723 | 0.354 | 0.177 |
| Bullet code N558 |  | | | 165 GEE * |
| | | | | 180 PBR * |



.300 Win Mag.

Product no. 4317312
HUNT

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|---|---|-------------|-----------------------|-----------|
| | m / sec | fps | G1 | G7 |
| Soft Point (Mega) 12.0 g / 185 gr | 830 | 2723 | 0.319 | - |
| Bullet code E415 |  | | | 163 GEE * |
| | | | | 178 PBR * |



.30-06 Springfield


Product no. 4317563
HUNT


| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|---|---|-------------|-----------------------|-----------|
| | m / sec | fps | G1 | G7 |
| Soft Point (Mega) 12.0 g / 185 gr | 800 | 2625 | 0.319 | - |
| Bullet code E415 |  | | | 157 GEE * |
| | | | | 172 PBR * |



.300 Win Mag.

Product no. 4317308
SPORT / TACTICAL

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|---|---|-------------|-----------------------|--------------|
| | m / sec | fps | G1 | G7 |
| Open Tip Match (Scenar) 12.0 g / 185 gr | 900 | 2953 | 0.482 | 0.242 |
| Bullet code GB432 |  | | | |
| | | | | |





* Point-Blank Range (PBR)
 * Die günstigste Einschußentfernung (GEE)
 * The more detailed product data charts can be found on the pages 64-72.

8x57 IRS

Product no. N318010 HUNT

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|--|-----------------|-------------|-----------------------|----|
| | m / sec | fps | G1 | G7 |
| Expanding bullet (Naturalis) 11.7 g / 180 gr | 800 | 2625 | 0.248 | - |
| Bullet code N559 | | | 159 GEE * | |
| | | | 190 PBR * | |

8x57 IS

Product no. 4318029 SPORT / HUNT

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|-----------------------------------|-----------------|-------------|-----------------------|----|
| | m / sec | fps | G1 | G7 |
| Open Tip 7.8 g / 120 gr | 940 | 3084 | 0.248 | - |
| Bullet code G573 | | | 178 GEE * | |
| | | | 194 PBR * | |

8x57 IS

Product no. N318009 HUNT

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|--|-----------------|-------------|-----------------------|--------------|
| | m / sec | fps | G1 | G7 |
| Expanding bullet (Naturalis) 11.7 g / 180 gr | 820 | 2690 | 0.357 | 0.179 |
| Bullet code N559 | | | 163 GEE * | |
| | | | 178 PBR * | |

PASSION FOR PRECISION

.338 Lapua Mag.

Product no. N318020 HUNT / TACTICAL

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|--|-----------------|-------------|-----------------------|----|
| | m / sec | fps | G1 | G7 |
| Expanding bullet (Naturalis) 15.0 g / 231 gr | 920 | 3018 | 0.373 | - |
| Bullet code N508 | | | 178 GEE * | |
| | | | 200 PBR * | |

.338 Lapua Mag.

Product no. 4318017 SPORT / TACTICAL

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|---|-----------------|-------------|-----------------------|--------------|
| | m / sec | fps | G1 | G7 |
| Open Tip Match (Scenar) 16.2 g / 250 gr | 905 | 2970 | 0.648 | 0.322 |
| Bullet code GB488 | | | | |
| | | | | |

.338 Lapua Mag.

Product no. 4318033 SPORT / TACTICAL

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|-------------------------------------|-----------------|-------------|-----------------------|--------------|
| | m / sec | fps | G1 | G7 |
| Lock Base 16.2 g / 250 gr | 900 | 2953 | 0.625 | 0.310 |
| Bullet code B408 | | | | |
| | | | | |

.338 Lapua Mag.

Product no. 4318013 SPORT / TACTICAL

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|---|-----------------|-------------|-----------------------|--------------|
| | m / sec | fps | G1 | G7 |
| Open Tip Match (Scenar) 19.4 g / 300 gr | 820 | 2690 | 0.736 | 0.368 |
| Bullet code GB528 | | | | |
| | | | | |

CENTERFIRE

CARTRIDGES



9.3x62

Product no. 4319012

SPORT / HUNT



| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|------------------------------------|---|-------------|------------------------|----|
| | m / sec | fps | G1 | G7 |
| Open Tip 12.0 g / 185 gr | 845 | 2772 | 0.283 | - |
| Bullet code G574 |  | | 164 GEE * 179 PBR * | |



9.3x62

Product no. N319204

HUNT


| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|---|--|-------------|------------------------|--------------|
| | m / sec | fps | G1 | G7 |
| Expanding bullet (Naturalis) 16.2 g / 250 gr | 740 | 2428 | 0.419 | 0.215 |
| Bullet code N560  |  | | 150 GEE * 164 PBR * | |



9.3x62

Product no. 4319010

HUNT

| Bullet type / weight | Muzzle velocity | | Ballistic coefficient | |
|---|---|-------------|------------------------|----|
| | m / sec | fps | G1 | G7 |
| Soft Point (Mega) 18.5 g / 285 gr | 690 | 2265 | 0.339 | - |
| Bullet code E433 |  | | 140 GEE * 153 PBR * | |



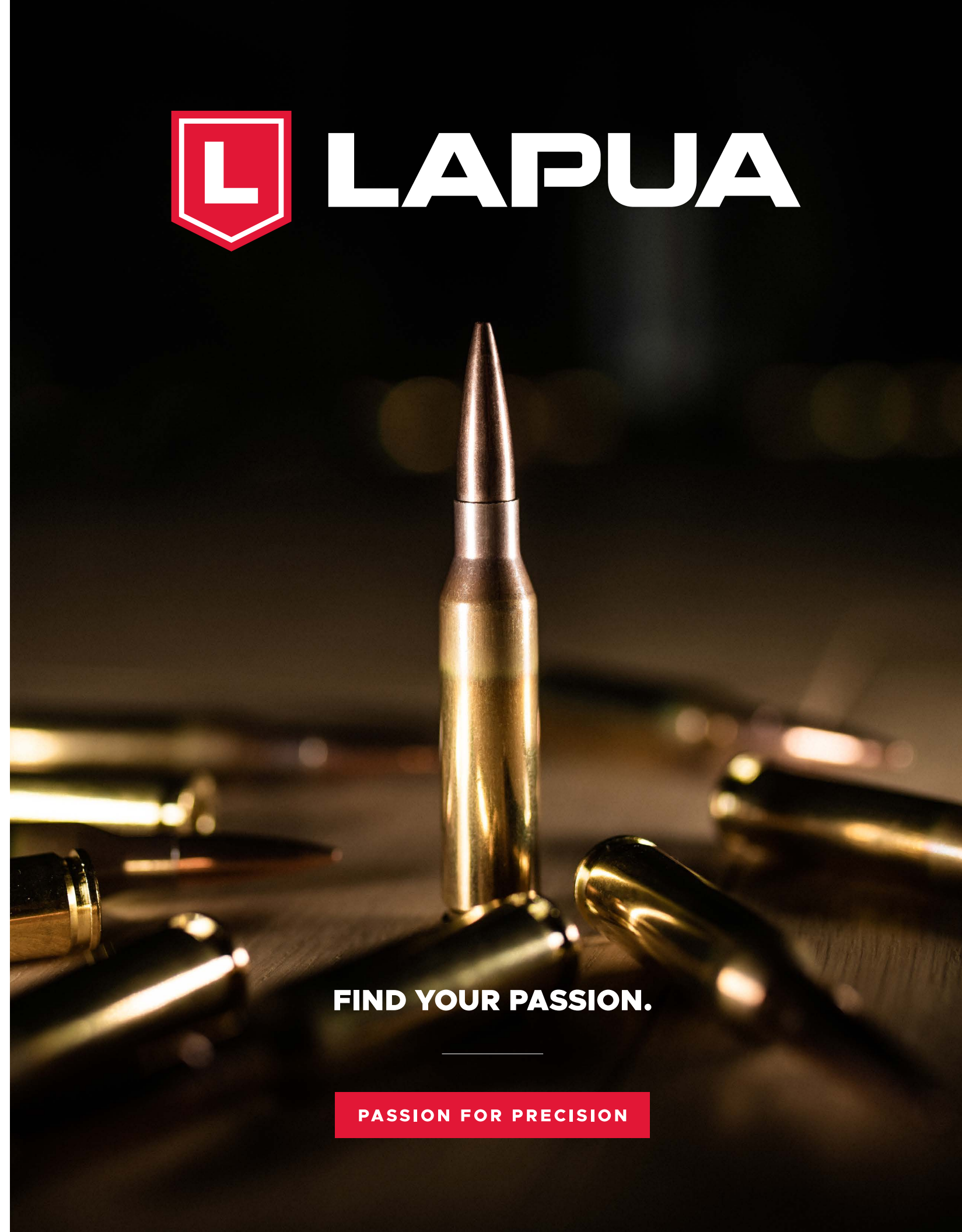
* Point-Blank Range (PBR)

* Die günstigste Einschußentfernung (GEE)

* The more detailed product data charts can be found on the pages 64-72.



LAPUA



FIND YOUR PASSION.

PASSION FOR PRECISION



LAPUA[®] CASES

The most precise cases on the market

Lapua cases are the best in the world, a statement supported by all top marksmen. We focus on every single detail to create the best cartridge case in the world. From the strict tolerances of primer pockets and flash holes to the necking process, Lapua brass is manufactured to be reloaded again and again. For reloaders who require absolute reliability from their ammunition, Lapua's world famous brass is the answer.

One thing is certain; we never leave our brass behind.

.222 Remington



Caliber: 5.69 mm (.224)

Product no. 4PH5002

Our .222 Remington is a pure Lapua quality product produced with extremely tight tolerances in neck concentricity and wall thickness. This flat shooting little round is excellent for small game hunting and varmint purposes. The Lapua .222 Rem. brass can be reloaded time after time, without losing its performance and precision.

.223 Remington



Caliber: 5.69 mm (.224)

Product no. 4PH5003

Lapua's .223 Remington Match case shows unbelievable performance when it comes to both durability and precision. Consistent quality guarantees consistent results. The large case volume ensures high velocity potential. Lapua offers a true match quality brass case for this classic military cartridge, allowing it to live up to its potential as a competitive cartridge.

.220 Russian



Caliber: 5.69 mm (.224)

Product no. 4PH5013

The Lapua .220 Russian case is the most popular brass for benchrest shooting. The .220 Russian is the parent case for the .22 PPC, 6mm PPC and the 6.5mm Grendel cartridge. More than 90 % of all the benchrest shooters in the world use Lapua's .220 Russian cases as a parent case for 6mm PPC. There is no doubt - Lapua's .220 Russian brass is the king of benchrest reloading.

.22-250 Remington



Caliber: 5.69 mm (.224)

Product no. 4PH5001

Potent and versatile. Lapua sets the industry standard in Match quality cases, and our .22-250 brass follows in this proud tradition. From varminting to long range target shooting, the .22-250 still remains one of the most potent and versatile of the .22 caliber cartridges.

.243 Winchester



Caliber: 6 mm (.243)

Product no. 4PH6009

The .243 Winchester case has all the world famous qualities of Lapua's unrivaled .308 Winchester brass. With a light bullet load the .243 Win. case works like a charm for long distance varmint and bird hunting. For larger game, such as deer, the optimal choice of bullet weights is 100 - 105 gr.

6 mm Creedmoor



Caliber: 6 mm (.243)

Product no. 4PH6022

Our 6mm Creedmoor is a beautifully drawn case, properly annealed at the neck and shoulder, with head metallurgy specifically chosen for durability, and the same small rifle primer, small flash-hole design that delivers the ultimate accuracy edge. The smaller 6mm bore diameter offers an excellent selection of proven low-drag match bullets that offer outstanding long range performance with even less recoil.

6 mm BR Norma



Caliber: 6 mm (.243)

Product no. 4PH6046

Without exaggeration, Lapua's 6mm BR case is absolutely the best case in its class. The 6mm Norma BR has become a popular chambering in match rifles used in 300 meter rifle disciplines. Lapua's 6mm BR Norma is the standard to which all other cases are compared.

6.5x55 SE



Caliber: 6.5 mm (.264)

Product no. 4PH6012

"Old soldiers will never die". Lapua's 6.5x55 SE is a proof of that – it has long been most popular caliber all over Scandinavia, and now its characteristics and performance have been noted by shooters and hunters in other parts of the world as well. It has been and still is especially popular in the Scandinavian countries, including long-range field shooting discipline, Lapua's 6.5x55 SE delivers a flatter trajectory and excellent ballistics. Though traditionally most used at longer ranges, our 6.5x55 SE is today extremely popular in competitions from 100 to 800 meters.

6.5-284



The favorite brass of long range shooters and an ideal selection for any game where a potent .264" cartridge is considered suitable. This world renowned Lapua brass is of match quality that can be loaded more times than any brass from competitors. Lapua 6.5-284 is the reloader's dream.

Caliber: 6.5 mm (.264)

Product no. 4PH6030

6.5x47 Lapua



A true masterpiece. The 6.5x47 Lapua case has base diameter and loading length similar to the .308 Win., allowing it to accept the same bolt heads and fit into similar actions and magazines. Lapua's 6.5x47 case is also the parent case of several popular wildcats, and is frequently necked down to 6mm.

Caliber: 6.5 mm (.264)

Product no. 4PH6010

6.5 Grendel



Tack-driving accuracy. The 6.5 Grendel case is tailored to fit the AR-15 action and it dramatically outperforms the .223 Rem. and other cartridges normally used in the AR-15. The 6.5 Grendel is continuously growing in popularity in all disciplines which demand light recoil and tack-driving accuracy.

Caliber: 6.5 mm (.264)

Product no. 4PH6020

.260 Remington



Offering the same level of ballistic performance as the venerable 6.5x55, the modern case design of the .260 Remington delivers superb accuracy in a short action format. Having already established its tremendous versatility not only in the game fields, but on silhouette ranges, the .260 is a natural for the Lapua line.

Caliber: 6.5 mm (.264)

Product no. 4PH6050

6.5 Creedmoor (Small Rifle Primer)



Made with Lapua's typical dedication to precision, our 6.5 Creedmoor case has been refined just a bit, to make it an even better performer. We offer the 6.5 Creedmoor with the small rifle primer which normally produces an optimized ignition and better accuracy in mid-sized cartridges, as well as the large rifle primer version.

Caliber: 6.5 mm (.264)

Product no. 4PH6011

6.5 Creedmoor (Large Rifle Primer)



The 6.5 Creedmoor LRP offering provides reliable ignition with a large primer in the most extreme weather conditions for hunting, competitive shooting or military / law enforcement support. It also functions and performs flawlessly in today's ever-popular semi-auto gas guns, AR's, and other similar platforms predominantly used in the US market place.

Caliber: 6.5 mm (.264)

Product no. 4PH6013

6.5 PRC



Although the 6.5 Precision Rifle Cartridge (or PRC for short) was originally designed for long range hunting, the 6.5 PRC is still an excellent cartridge for both long range sport shooting and hunting. Its increased case capacity enables velocities up to 80 m/s (262 fps) faster than the 6.5 Creedmoor or 6,5x55 SE. By design, the cartridge features a longer throat enabling the use of today's popular, high ballistic coefficient (BC) projectiles for long-range competitions.

Caliber: 6.5 mm (.264)

Product no. 4PH6023

7mm-08 Remington



The 7mm-08 came to dominate the High Power Silhouette rifle game shortly after its introduction, offering a superb combination of power, light recoil and accuracy. With ballistic performance exceeding that of the time honored 7x57mm Mauser, but suited to a shorter action, the 7mm-08 is an ideal caliber for most big game hunting.

Caliber: 7 mm (.284)

Product no. 4PH7095

7x64



Caliber: 7 mm (.284)

Product no. 4PH7105

The 7x64 has succeeded in maintaining its position as one of the most popular hunting caliber in Europe. Since then, it has earned a well deserved reputation for itself as a medium size game hunting round – its performance even exceeds the performance requirements of moose hunting round in most countries.

7x65R



Caliber: 7 mm (.284)

Product no. 4PH7107

One of the most popular calibers in Central European hunting for double rifles and combination guns is now available as a reloading component for all enthusiastic hunters and home loaders. Optimized for tens of reloading cycles with reliable removal from the chamber.

.284 Winchester



Caliber: 7 mm (.284)

Product no. 4PH7284

The .284 Winchester cartridge has experienced a recent resurgence in F-Class competition, where shooters compete to distances out to 1,000 m/yd. Members of the US Rifle Team, which Lapua sponsors, will enjoy having cases readily available in this classic cartridge. The .284 Winchester's rebated rim design enables a larger powder column, yet easily functions through medium length actions making it desirable for custom rifles.

.308 Winchester



Caliber: 7.62 mm (.308)

Product no. 4PH7217

One of Lapua's flagship cases. Our .308 Winchester case has made Lapua quality world renowned. It continues to be the standard by which all other cases in this popular rifle caliber are judged. The main advantage of our .308 Win. brass is the premium consistency and quality.

7.62x53R



Caliber: 7.62 mm (.308)

Product no. 4PH7215

The Finnish legend. This case is a legendary Finnish innovation, still used in military, Scandinavian hunting and traditional rifle competitions. Lapua has manufactured 7.62x53R cases for almost a century, and this caliber is well known for its ultimate quality and consistent performance.

.308 Winchester Palma



Caliber: 7.62 mm (.308)

Product no. 4PH7226

Long-range accuracy by Lapua. Developed in conjunction with the US Palma team, the small rifle primer case is designed to deliver enhanced long-range accuracy for the most demanding competitive applications. Lapua's .308 Palma Win. brass has been acclaimed as a success by rifle shooters everywhere.

.300 Norma Magnum



Caliber: 7.62 mm (.308)

Product no. 4PH7090

A recent development based on the .338 Norma Magnum necked down to .30 caliber, the .300 Norma Magnum was adopted as the US military's Advanced Sniper Cartridge "for extra long ranges beyond 1500 meters". In addition to its military duties, the .300 Norma is sure to find favor with long-range competitive shooters and hunters.

.300 Winchester Magnum



Caliber: 7.62 mm (.308)

Product no. 4PH7096

The .300 Winchester Magnum has been a staple within the firearms industry, widely used by hunters, target shooters, military and law enforcement agencies around the globe since its development in the early 60's. It is still used for competitive target shooting, hunting, and Mil/LE platforms to-date. It delivers excellent long range performance with a wide range of bullet weights from 165 to 200 grains and more.

.300 PRC



Caliber: 7.62 mm (.308)

Product no. 4PH7098

The .300 PRC was designed for extreme long range shooting with heavy bullets featuring high ballistic coefficients. Its superior ballistics and beltless case configuration represent modern case design that supports the use of modern long and high BC bullets. With its ability to load heavier bullets, the performance of the .300 PRC exceeds the .300 Winchester Magnum and many other .30 Magnums on the market.

.30-06 Springfield



Caliber: 7.62 mm (.308)

Product no. 4PH7068

Durability for reloading. The venerable .30-06 case offers an even greater powder capacity than the .308, but the Lapua quality remains the same. Like its smaller stable mate, the .30-06 has the same durable construction and incredible precision, allowing for many, many reloadings.

7.62x39



Caliber: 5.62 mm (.311)

Product no. 4PH7074

Best in its class. Lapua's 7.62x39 brass offers match quality that no other manufacturer has for this caliber. When it comes to competition, Lapua's 7.62x39 case is the unquestioned champion over all others.

8x57 IS



Caliber: 8 mm (.323)

Product no. 4PH8030

From African plains game to European stag and boar, the 8mm Mauser has earned an enviable reputation as a big game round in a wide array of conditions. Accurate, versatile and powerful, the 8x57 IS still serves the sporting community well for a host of hunting applications.

8x57 IRS



Caliber: 8 mm (.323)

Product no. 4PH8031

Lapua standard for breech brake combination guns like double rifles, drillings and vierlings. No matter what kind of game you are aiming, the quality of the case will not be the one to blame if you miss. Tens of reloading cycles will tell you the secret of Lapua's incredible case quality.

.338 Lapua Magnum



Caliber: 8.61 mm (.338)

Product no. 4PH8068

The unbeaten champion. Lapua's signature development, the original .338 Lapua Magnum is the undisputable choice for those who want to build their own long range rifle cartridge, using only the very best available components. The accuracy, reloadability and repeatability of .338 Lapua Mag. brass are unbeaten. The .338 LM case is a favorite among top rifle shooters around the world and in all kinds of shooting disciplines and hunting grounds.

.338 Norma Magnum



Caliber: 8.61 mm (.338)

Product no. 4PH8090

Based on the .416 Rigby case, the .338 Norma Magnum was developed by J. Sloan and D. Kiff as a long-range sporting cartridge. Norma adopted the design and standardized it with CIP in 2010. The US military has spurred the development of some machineguns chambered for the .338 Norma, which would be capable of providing superb long-range capability. With Lapua's unmatched standard of quality, handloaders will find our new .338 Norma Magnum cases a choice for extra long range shooting applications.

9.3x62



Caliber: 9.3 mm (.366)

Product no. 4PH9050

The hunter's brass choice. The 9,3x62 case is the top choice for hunters of big game who tailor their own rifle loads. True stopping power for big and dangerous game. A life-long partner for hunters worldwide.

LAPUA® BULLETS

Precision projectiles to fit your passion

Lapua bullets are known for their extreme accuracy and superior ballistic designs. From the world famous Scenar and Scenar-L, to the variations of FMJ, all of which are optimized for their intended use, and finishing with the NATURALIS and MEGA for hunters. From Olympic Gold to World Championships or local matches, to the mountains and woods, whatever your shooting pursuit, there is a LAPUA bullet perfectly tailored for it.

Lapua bullet development is ongoing and methodical. Drawing on our own experience, R&D, and listening carefully to reloaders and their feedback, we continually work to perfect our product offerings for every type of shooting discipline.



Scenar (Open Tip Match)



The first choice for serious target competition. Lapua Scenar Open-Tip Match bullets have given superb results at long ranges and bench rest shooting. The Scenar bullets have the IBS World Record in 600 yard Heavy Gun 5-shot group (0.404") and also hold the official world ISSF record of 600 out of 600 possible, an unbeatable score.

| | |
|-------------------------|------------------|
| 6.5 mm (6.72 mm / .264) | 6.5 g / 100 gr |
| 6.5 mm (6.72 mm / .264) | 7.0 g / 108 gr |
| 6.5 mm (6.72 mm / .264) | 8.0 g / 123 gr |
| 6.5 mm (6.72 mm / .264) | 9.0 g / 139 gr |
| .30 (7.83 / .308) | 10.85 g / 167 gr |
| .30 (7.83 / .308) | 12.0 g / 185 gr |
| .338 (8.61 mm / .339) | 16.2 g / 250 gr |
| .338 (8.61 mm / .339) | 19.4 g / 300 gr |

Scenar^L (Open Tip Match)



The ultimate long range match bullet. The Scenar-L has the refined qualities of the original Scenar bullet with higher standards of jacket wall concentricity, weight variation and dimensional uniformity. Scenar-L has truly earned its reputation as the go-to bullet for the best possible results in long range rifle shooting. For top shooters in the world in bench rest, long range or F-class, Scenar-L is the ultimate match bullet, proven by the countless long range records set using it.

| | |
|-------------------------|-----------------|
| .224 (5.69 mm / .224) | 4.5 g / 69 gr |
| .224 (5.69 mm / .224) | 5.0 g / 77 gr |
| 6 mm (6.16 mm / .243) | 5.8 g / 90 gr |
| 6 mm (6.16 mm / .243) | 6.8 g / 105 gr |
| 6.5 mm (6.72 mm / .264) | 7.8 g / 120 gr |
| 6.5 mm (6.72 mm / .264) | 8.8 g / 136 gr |
| 7 mm (7.23 mm / .284) | 9.7 g / 150 gr |
| 7 mm (7.23 mm / .284) | 11.7 g / 180 gr |
| .30 (7.83 / .308) | 10.0 g / 155 gr |
| .30 (7.83 / .308) | 11.3 g / 175 gr |
| .30 (7.83 / .308) | 14.3 g / 220 gr |

Naturalis (Lead free, expanding bullet)



Respecting the game. The bullet is designed and manufactured by using pure copper. The material, design and controlled expansion ensure a solid and nearly unbreakable construction. The weight retention of the bullet, even after impacting on heavy bone, is frequently 100% of its original weight.

| | |
|-------------------------|-----------------|
| .224 (5.69 mm / .224) | 3.2 g / 50 gr |
| 6 mm (6.16 mm / .243) | 5.8 g / 90 gr |
| 6.5 mm (6.72 mm / .264) | 9.1 g / 140 gr |
| 7 mm (7.23 mm / .284) | 10.1 g / 156 gr |
| .30 (7.83 / .308) | 11.0 g / 170 gr |
| 8 mm (8.21 mm / .323) | 11.7 g / 180 gr |
| .338 (8.61 mm / .339) | 15.0 g / 231 gr |
| 9.3 mm (9.3 mm / .366) | 16.2 g / 250 gr |

Mega (Soft point bullet)



For big game hunters. Lapua's Mega bullet is a soft point jacketed hunting bullet. The Mega is a traditional lead core bullet for all kinds of European and North American game, particularly large game hunting. The mechanical bonding locks the lead alloy in place, keeping the structure together at point of impact.

| | |
|-------------------------|-----------------|
| 6.5 mm (6.72 mm / .264) | 10.1 g / 156 gr |
| .30 (7.83 / .308) | 9.72 g / 150 gr |
| .30 (7.83 / .308) | 12.0 g / 185 gr |
| .30 (7.83 / .308) | 13.0 g / 200 gr |
| 9.3 mm (9.3 mm / .366) | 18.5 g / 285 gr |

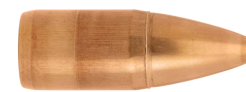
Soft Point (Soft point bullet)



| | |
|----------------|---------------|
| 5.69 mm (.224) | 3.6 g / 55 gr |
|----------------|---------------|

Lapua's Soft Point bullet is designed for small game hunting where the rapid opening and mushrooming of the bullet are some of the most important characteristics. The Lapua Soft Point bullet is well known for its accuracy. This hunting bullet has proven its performance on the hunting fields and hunters can rely on its stopping power.

Cutting Edge (Cutting edge bullet, available in FMJ and Open Tip variations)



| | |
|-------------------|----------------|
| .30 (7.83 / .308) | 6.5 g / 100 gr |
|-------------------|----------------|

An open tip bullet capable of incredible accuracy, the Cutting Edge leaves an easy to score hole in your target, thanks to its innovative design. When you are looking for the best short range target bullet for paper-punching, your choice is the .30 caliber G477 6.5 g / 100 gr OT Cutting Edge. This bullet typically achieves groups of under 25 mm at 100 m shooting distances.

D46 (Full Metal Jacket Boat Tail)



| | |
|-------------------|-----------------|
| .30 (7.83 / .308) | 12.0 g / 185 gr |
|-------------------|-----------------|

Often copied, never equaled. The legendary D46 is one by which all others of its type are measured. Manufactured to the strictest tolerances for concentricity, uniformity of shape and weight, it has shot its way to the record books since the 1930's all the way to the 21st century. The D46 is available in caliber 7.62 mm (.308) as a 12 gram / 185 grain bullet.

D166 (Full Metal Jacket Boat Tail)



| | |
|--------------------------|-----------------|
| 7.62 mm (7.87 mm / .310) | 13.0 g / 200 gr |
|--------------------------|-----------------|

The D166 boat tail bullet sports the same design as the legendary D46 bullet, but with a larger diameter. Lapua's D166 bullet has been used in Finnish military applications since 1936 and it still has a great reputation among traditional mid-range and long range rifle target shooters.

FMJ (Full Metal Jacket)



| | |
|-------------------------|----------------|
| .224 (5.69 mm / .224) | 3.6 g / 55 gr |
| 6.5 mm (6.72 mm / .264) | 6.5 g / 100 gr |
| 6.5 mm (6.72 mm / .264) | 9.3 g / 144 gr |
| .30 (7.83 / .308) | 8.0 g / 123 gr |

Whether you require bullets for training, competitions or serious hunting situations you can really trust the performance of Lapua's FMJ bullet family. Ten rounds loaded with Lapua's .30 S374 8.0 g / 123 gr FMJ bullet from 100m can easily achieve groupings less than 30 mm. Reliability means that every shot you fire will hit the target.

Open Tip (Open tip bullet)



| | |
|------------------------|-----------------|
| 8 mm (8.21 mm / .323) | 7.8 g / 120 gr |
| 9.3 mm (9.3 mm / .366) | 12.0 g / 185 gr |

The Lapua Open Tip bullets are the first choice for superior accuracy in various rifle competitions. The Open Tip Match (OTM) bullets have shown superb results in mid-range rifle shooting and bench rest shooting. An easy and softly firing bullet that meets Lapua's strict accuracy requirements.

Lock Base (Full Metal Jacket Boat Tail)



| | |
|------------------------|-----------------|
| .30 (7.83 / .308) | 11.0 g / 170 gr |
| .338 (8.61 mm / .339) | 16.2 g / 250 gr |

Lapua's Lock Base bullet is a Lapua innovation which combines a full metal jacket and boat tail with a patented base design. This bullet has proven its worth in sport shooting arenas as well as military and law enforcement applications over time.



LAPUA® CENTERFIRE

Hunting cartridges

RESPECTING
THE GAME



Whether you're hunting smaller game such as roe deer, or white tails with tough hide, or large boar, moose or bear, Lapua offers a wide range of cartridge options loaded with Lapua hunting bullets for your pursuit.

Lapua hunting ammunition is precision loaded and optimized for terminal ballistics and for every conceivable environment. From humid woods to dry hot deserts, or snow covered mountains, you can count on Lapua!

LEAD-FREE EXCELLENCE WITH LAPUA NATURALIS COPPER BULLETS



The Naturalis bullet is designed and manufactured by using pure copper. The material, design and controlled expansion ensures a solid and nearly unbreakable construction. The weight retention, even after impacting on heavy bone, is frequently 100% of the bullet's original weight. The boat tail design of the bullet eases reloading, and together with the streamlined ogive it provides improved downrange ballistics.

The Naturalis bullet, by design, begins to mushroom immediately upon impact. The expansion process begins with the bullet tip cavity which expands symmetrically and without fragmentation. This provides maximum energy transfer to the animal, minimizes the meat loss, and provides a quick and ethical kill.

Mushrooming of .30 Naturalis –bullet with different point of impact velocities



EFFECTIVE RANGE



MEGA FOR BIG GAME

The Lapua Mega is a soft point bullet designed for big game hunting. It features a traditional lead-core and copper jacket that are bonded for maximum weight retention after impact and expansion. The Mega has a long jacket that protects the core and prevents premature expansion, or breakage, when the bullet travels through brush or grass cover.

The Mega's mechanical bonding locks the core firmly within the jacket and will not separate even on the hardest impact. It typically doubles its caliber width upon impact, causing an immediate shock effect, yet retains up to 97% of its original weight.

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%!**



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

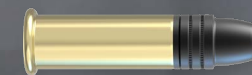
This .22 LR ammunition was developed to be an extremely accurate competition cartridge ideal for short barreled firearms. It is consistent, provides excellent accuracy and gives smooth, reliable and dependable functioning. Lapua Pistol King has been loaded for success.



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.











RIMFIRE

CARTRIDGES

.22 LR cartridges

* The more detailed product data charts can be found on the pages 67 and 71.

| Cartridge type | Muzzle velocity | | Ballistic coefficient | Image |
|--|-----------------|-------------|-----------------------|---|
| | m / sec | fps | G1 | |
| X-Act Bullet weight: 2.59 g / 40 gr Product no. 420161 | 327 | 1073 | 0.172 |  |
| Midas+ Bullet weight: 2.59 g / 40 gr Product no. 420162 | 327 | 1073 | 0.172 |  |
| Center-X Bullet weight: 2.59 g / 40 gr Product no. 420163 | 327 | 1073 | 0.172 |  |
| Pistol King Bullet weight: 2.59 g / 40 gr Product no. 420164 | 285 | 935 | 0.172 |  |
| Pistol OSP Bullet weight: 2.59 g / 40 gr Product no. 420165 | 280 | 919 | 0.172 |  |
| Polar Biathlon Bullet weight: 2.59 g / 40 gr Product no. 420166 | 337 | 1106 | 0.172 |  |
| Long Range Bullet weight: 2.59 g / 40 gr Product no. 420168 | 337 | 1106 | 0.172 |  |
| Super Long Range Bullet weight: 2.59 g / 40 gr Product no. 420167 | 337 | 1106 | 0.172 |  |

Lapua rimfire test centers

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LAPUA TEST CENTER

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BOOKING: Olli Punkari +358 40 737 4955
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KONNEVESI, FINLAND

LAPUA TEST LAB

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SCHÖNEBECK, GERMANY

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BOOKING: Tel. +49 3928 729 100,
RimfireTestRange@nammo.com

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BOOKING: Roy Skogly +47 906 35 101,
roy@testskyting.no
RimfireTestRange@nammo.com

STOCKHOLM, SWEDEN

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BOOKING: Karl Olsson +46705666174
info@karlolsson.se

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ADDRESS: Lapua Rimfire Performance Center, Capstone Precision Group, 4051 N. Higley Road, Mesa AZ 85215

BOOKING: Tel. +1 480 898 2731
Devan Stricker, rimfiretest@capstonepg.com
www.capstonepg.com/rpc/

MARENGO, OHIO, USA

ADDRESS: Lapua Rimfire Performance Center, 616 State Route 61, Unite 3-9 Marengo, OH 43334

BOOKING: Tel. +1 480 898 2748
rimfiretesteast@capstonepg.com
www.capstonepg.com/rpc/

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.



LAPUA® CENTERFIRE

Tactical ammunition

Lapua is world renowned for offering the highest quality ammunition for elite forces and military / law enforcement professionals around the globe. All of Lapua's Tactical ammunition is produced to the same match-grade requirement as our target ammunition.

The most accurate long-range cartridges

The accuracy and reliability of Lapua's tactical ammunition is renowned worldwide. Each cartridge is manufactured with the same unconditional precision and care as our leading sport shooting target ammunition. Our pinnacle of precision and quality is the .338 Lapua Magnum, which has an effective range out to 1500 meters. Despite this, the .338 Lapua Magnum operating systems are about the same size and weight as the 7.62mm systems. It's considerably lighter than the .50 caliber system making it an exceptional alternative to either platform.

TACTICAL BULLETS // BALLISTIC COEFFICIENT

.338 BULLETS

| BULLET NAME | Weight | Code | Ballistic coefficient G1 Velocity range [m/s] / [fps] | | | | Ballistic coefficient G7 |
|----------------------------|-----------------|--------|--|------------------------------|------------------------------|-----------------------------|-----------------------------|
| | | | > 830 m/s > 2720 fps | 830-600 m/s 2720-1970 fps | 600-380 m/s 1970-1250 fps | 380-300 m/s 1250-980 fps | |
| Naturalis (Solid) | 15.0 g / 231 gr | N508 | 0.376 | 0.363 | 0.276 | 0.397 | 0.193 |
| Scenar | 16.2 g / 250 gr | GB488 | 0.646 | 0.632 | 0.588 | 0.613 | 0.320 |
| Lock Base | 16.2 g / 250 gr | B408 | 0.621 | 0.589 | 0.527 | 0.545 | 0.310 |
| Armour Piercing | 16.1 g / 248 gr | AP485 | 0.564 | 0.562 | 0.539 | 0.559 | 0.289 |
| Armour Piercing Incendiary | 16.4 g / 253 gr | API526 | 0.554 | 0.531 | 0.482 | 0.480 | 0.269 |
| Scenar | 19.4 g / 300 gr | GB528 | 0.745 | 0.756 | 0.726 | 0.728 | 0.368 |
| Armour Piercing | 19.4 g / 300 gr | AP529 | 0.726 | 0.707 | 0.683 | 0.632 | 0.366 |
| Armour Piercing Incendiary | 19.4 g / 300 gr | API571 | * | * | * | * | * |

.30 BULLETS

| BULLET NAME | Weight | Code | Ballistic coefficient G1 Velocity range [m/s] / [fps] | | | | Ballistic coefficient G7 |
|-------------------|---------------------|-------|--|------------------------------|------------------------------|-----------------------------|-----------------------------|
| | | | > 830 m/s > 2720 fps | 830-600 m/s 2720-1970 fps | 600-380 m/s 1970-1250 fps | 380-300 m/s 1250-980 fps | |
| Scenar-L | 10.0 g / 155 gr | GB552 | 0.473 | 0.459 | 0.436 | 0.442 | 0.230 |
| Armour Piercing | 10.7 g / 165 gr | AP492 | 0.447 | 0.425 | 0.382 | 0.313 | 0.213 |
| Lock Base | 11.0 g / 170 gr | B476 | 0.511 | 0.476 | 0.402 | 0.287 | 0.249 |
| Scenar | 10.85 g / 167 gr | GB422 | 0.473 | 0.446 | 0.405 | 0.365 | 0.223 |
| Naturalis (Solid) | 11.0 g / 170 gr | N558 | 0.367 | 0.353 | 0.365 | 0.429 | 0.177 |
| Scenar-L | 11.3 g / 175 gr | GB550 | 0.488 | 0.482 | 0.469 | 0.507 | 0.247 |
| Scenar | 12.0 g / 185 gr | GB432 | 0.503 | 0.486 | 0.453 | 0.468 | 0.242 |
| D46 | 12.0 g / 185 gr | D46 | 0.527 | 0.510 | 0.460 | 0.461 | 0.254 |
| Subsonic | 13.0 g / 200 gr | B416 | | | | 0.515 | 0.413 |
| Scenar-L | 14.3 g / 220 gr | GB551 | 0.647 | * | * | * | 0.324 |

6.5 MM / .264 BULLETS

| BULLET NAME | Weight | Code | Ballistic coefficient G1 Velocity range [m/s] / [fps] | | | | Ballistic coefficient G7 |
|-----------------|----------------|-------|--|------------------------------|------------------------------|-----------------------------|-----------------------------|
| | | | > 830 m/s > 2720 fps | 830-600 m/s 2720-1970 fps | 600-380 m/s 1970-1250 fps | 380-300 m/s 1250-980 fps | |
| Scenar | 8,0 g / 123 gr | GB489 | 0.536 | 0.523 | 0.483 | 0.441 | 0.263 |
| Scenar-L | 8,8 g / 136 gr | GB546 | 0.564 | 0.539 | 0.521 | 0.533 | 0.274 |
| Armour Piercing | 9,4 g / 145 gr | AP570 | * | * | * | * | * |

For ultimate accuracy and precision, Lapua uses radar based data for all tactical projectile ballistics.

CARTRIDGES - CENTERFIRE RIFLE

| Caliber | Product no. | Bullet name Weight Code | Velocity [m/s] | | Trajectory [mm] | | | | | | | | | | Test barrel length [mm] | | | | |
|--------------------|-------------|-------------------------------------|----------------|----------------------------------|-------------------------|---|-------|-------|---------|-------|--------|--------|-------|-------|-------------------------|-------|-------|-------|--------|
| | | | Energy [J] | Wind drift [mm] (Sidewind 4 m/s) | Rifle sighted in at [m] | Impact point above or below line of sight (Scope 40 mm above bore line) | | | | | | | | | | | | | |
| | | | | | | 0 m | 100 m | 200 m | 300 m | 600 m | 800 m | 1000 m | 100 m | 200 m | | 300 m | 600 m | 800 m | 1000 m |
| .222 Rem. (5.7x43) | 4315021 | FMJ 3,6 g / 55 gr S569 | 880 | 760 | 100 | 0 | -132 | -498 | | | | | | | | | | 600 | |
| | | | 1394 | 1039 | 168 GEE | 40 | -52 | -378 | | | | | | | | | | | |
| | 4315030 | SP 3,6 g / 55 gr E539 | 880 | 713 | 100 | 0 | -156 | -615 | | | | | | | | | | 600 | |
| | N315025 | Naturalis 3,2 g / 50 gr N566 | 965 | 802 | 100 | 0 | -115 | -461 | | | | | | | | | | 600 | |
| | | | 1490 | 1030 | 176 GEE | 40 | -36 | -342 | | | | | | | | | | | |
| .223 Rem. | 4315042 | FMJ 3,6 g / 55 gr S569 | 955 | 828 | 100 | 0 | -104 | -404 | -3418 | | | | | | | | | 660 | |
| | | | 1642 | 1234 | 300 | 135 | 165 | 0 | -2610 | | | | | | | | | | |
| | | | | 0 | 33 | 141 | 343 | 1782 | 181 GEE | 39 | -26 | -286 | -3182 | | | | | | |
| | N315026 | Naturalis 3,2 g / 50 gr N566 | 1015 | 850 | 100 | 0 | -98 | -401 | | | | | | | | | | | |
| | | | | 1648 | 1155 | 185 GEE | 39 | -20 | -284 | | | | | | | | | | |
| | 4315011 | Scenar 4,5 g / 69 gr GB541 | 850 | 762 | 100 | 0 | -129 | -469 | -3445 | | | | | | | | | 510 | |
| | | | 1626 | 1307 | 300 | 156 | 184 | 0 | -2506 | | | | | | | | | | |
| | 4315015 | Scenar-L 4,5 g / 69 gr GB544 | 830 | 744 | 100 | 0 | -138 | -501 | -3665 | | | | | | | | | 510 | |
| | | | 1550 | 1244 | 300 | 167 | 196 | 0 | -2663 | | | | | | | | | | |
| | | | 0 | 26 | 600 | 611 | 1083 | 1332 | 0 | | | | | | | | | | |
| .243 Win. | 4316052 | FMJ 5,8 g / 90 gr S561 | 885 | 796 | 100 | 0 | -116 | -425 | -3122 | | | | | | | | | 610 | |
| | | | 2271 | 1837 | 300 | 142 | 168 | 0 | -2272 | | | | | | | | | | |
| | | | | 0 | 25 | 104 | 247 | 1187 | 176 GEE | 39 | -33 | -290 | -2672 | | | | | | |
| | N316201 | Naturalis 5,8 g / 90 gr N509 | 910 | 776 | 100 | 0 | -124 | | | | | | | | | | | 610 | |
| | | | 2414 | 1756 | 167 GEE | 37 | -51 | | | | | | | | | | | | |
| | 4316056 | SP 6,5 g / 100 gr E562 | 910 | 823 | 100 | 0 | -105 | -389 | | | | | | | | | | 610 | |
| | | | 2691 | 2203 | 300 | 130 | 154 | 0 | | | | | | | | | | | |
| | | | 0 | 23 | 177 GEE | 38 | -30 | -281 | | | | | | | | | | | |
| 6 mm BR Norma | 4316044 | Scenar-L 5,8 g / 90 gr GB543 | 900 | 828 | 100 | 0 | -103 | -375 | -2602 | | | | | | | | | 670 | |
| | | | 2349 | 1988 | 300 | 125 | 148 | 0 | -1852 | | | | | | | | | | |
| | | | | 0 | 18 | 600 | 434 | 765 | 926 | 0 | | | | | | | | | |
| | 4316046 | Scenar 6,8 g / 105 gr GB478 | 850 | 786 | 100 | 0 | -118 | -423 | -2846 | -6279 | -11962 | | | | | | | 670 | |
| | | | 2457 | 2100 | 300 | 141 | 164 | 0 | -1999 | -5150 | -10551 | | | | | | | | |
| | | | 0 | 18 | 600 | 474 | 830 | 1000 | 0 | -2484 | -7218 | | | | | | | | |
| | 4316047 | Scenar-L 6,8 g / 105 gr GB542 | 815 | 752 | 100 | 0 | -134 | -473 | -3160 | -6970 | -13287 | | | | | | | 670 | |
| | | | 2258 | 1924 | 300 | 158 | 182 | 0 | -2213 | -5708 | -11709 | | | | | | | | |
| | | | 0 | 19 | 600 | 527 | 919 | 1107 | 0 | -2757 | -8019 | | | | | | | | |
| 6.5x47 Lapua | 4316017 | Scenar-L 7,8 g / 120 gr GB547 | 845 | 782 | 100 | 0 | -121 | -432 | -2909 | -6452 | | | | | | | | 660 | |
| | | | 2785 | 2382 | 300 | 144 | 167 | 0 | -2045 | -5300 | | | | | | | | | |
| | | | | 0 | 18 | 600 | 485 | 849 | 1023 | 0 | -2573 | | | | | | | | |
| | 4316011 | Scenar 8,0 g / 123 gr GB489 | 850 | 792 | 100 | 0 | -116 | -412 | -2720 | -5919 | -11138 | | | | | | | 660 | |
| | | | | 2890 | 2510 | 300 | 137 | 159 | 0 | -1896 | -4819 | -9763 | | | | | | | |
| | | | | 0 | 16 | 600 | 453 | 791 | 948 | 0 | -2292 | -6603 | | | | | | | |
| | 4316016 | Scenar-L 8,8 g / 136 gr GB546 | 800 | 745 | 100 | 0 | -137 | -479 | -3116 | -6744 | -12593 | | | | | | | 660 | |
| | | | 2816 | 2444 | 300 | 160 | 183 | 0 | -2157 | -5466 | -10995 | | | | | | | | |
| | | | 0 | 17 | 600 | 519 | 902 | 1079 | 0 | -2589 | -7399 | | | | | | | | |
| | 4316012 | Scenar 9,0 g / 139 gr GB458 | 820 | 769 | 100 | 0 | -125 | -439 | -2822 | -6031 | -11115 | | | | | | | 660 | |
| | | | 3026 | 2662 | 300 | 146 | 168 | 0 | -1943 | -4859 | -9650 | | | | | | | | |
| | | | 0 | 15 | 600 | 470 | 815 | 971 | 0 | -2268 | -6411 | | | | | | | | |
| | N316301 | Naturalis 9,1 g / 140 gr N563 | 807 | 668 | 100 | 0 | -178 | | | | | | | | | | | 660 | |
| | | | 2963 | 2033 | 153 GEE | 39 | -99 | | | | | | | | | | | | |
| | | | 0 | 49 | | | | | | | | | | | | | | | |
| 6.5 Creedmoor | 4316060 | Scenar 8,0 g / 123 gr GB489 | 850 | 792 | 100 | 0 | -116 | -412 | -2720 | -5919 | -11138 | | | | | | | 600 | |
| | | | 2890 | 2510 | 300 | 137 | 159 | 0 | -1896 | -4819 | -9763 | | | | | | | | |
| | | | | 0 | 16 | 600 | 453 | 791 | 948 | 0 | -2292 | -6603 | | | | | | | |
| | 4316063 | Scenar-L 8,8 g / 136 gr GB546 | 835 | 780 | 100 | 0 | -122 | -430 | -2814 | -6087 | -11351 | | | | | | | 600 | |
| | | | | 3068 | 2674 | 300 | 143 | 165 | 0 | -1953 | -4939 | -9916 | | | | | | | |
| | | | 0 | 19 | 600 | 469 | 816 | 976 | 0 | -2335 | -6661 | | | | | | | | |
| | N316401 | Naturalis 9,1 g / 140 gr N563 | 780 | 644 | 100 | 0 | -194 | | | | | | | | | | | 600 | |
| | | | 2768 | 1889 | 148 GEE | 39 | -117 | | | | | | | | | | | | |
| | | | 0 | 52 | | | | | | | | | | | | | | | |
| | 4316064 | Mega 10,1 g / 156 gr E471 | 780 | 704 | 100 | 0 | -159 | -566 | | | | | | | | | | 600 | |
| | | | 3072 | 2505 | 156 GEE | 39 | -80 | -446 | | | | | | | | | | | |
| | | | 0 | 26 | | | | | | | | | | | | | | | |
| .260 Rem. | 4316065 | Scenar-L 8,8 g / 136 gr GB546 | 814 | 759 | 100 | 0 | -131 | -459 | -2991 | -6471 | -12078 | | | | | | | 510 | |
| | | | 2915 | 2534 | 300 | 153 | 175 | 0 | -2073 | -5247 | -10547 | | | | | | | | |
| | | | 0 | 26 | 600 | 498 | 866 | 1036 | 0 | -2484 | -7092 | | | | | | | | |
| 6.5x55 SE | 4316033 | FMJ 6,5 g / 100 gr S341 | 830 | 713 | 100 | 0 | -194 | -656 | | | | | | | | | | 600 | |
| | | | 2239 | 1654 | 300 | 219 | 244 | 0 | | | | | | | | | | | |
| | | | | 0 | 37 | 159 GEE | 40 | -75 | -462 | | | | | | | | | | |
| | 4316035 | Scenar 6,5 g / 100 gr GB504 | 800 | 730 | 100 | 0 | -144 | -509 | -3504 | | | | | | | | | 740 | |
| | | | 2080 | 1733 | 300 | 170 | 196 | 0 | -2485 | | | | | | | | | | |
| | | | 0 | 22 | 600 | 584 | 1024 | 1242 | 0 | | | | | | | | | | |
| | 4316031 | Scenar 7,0 g / 108 gr GB464 | 900 | 833 | 100 | 0 | -101 | -368 | -2523 | -5618 | -10865 | | | | | | | 740 | |
| | | | 2835 | 2426 | 300 | 123 | 145 | 0 | -1786 | -4636 | -9637 | | | | | | | | |
| | | | 0 | 17 | 600 | 420 | 740 | 893 | 0 | -2254 | -6659 | | | | | | | | |

CARTRIDGES - CENTERFIRE RIFLE

| Caliber | Product no. | Bullet name Weight Code | Velocity [m/s] | | Trajectory [mm] | | | | | | | | | | Test barrel length [mm] | | | | |
|-------------------|-------------|-------------------------------------|----------------|----------------------------------|-------------------------|---|-------|-------|-------|-------|--------|--------|-------|-------|-------------------------|-------|-------|-------|--------|
| | | | Energy [J] | Wind drift [mm] (Sidewind 4 m/s) | Rifle sighted in at [m] | Impact point above or below line of sight (Scope 40 mm above bore line) | | | | | | | | | | | | | |
| | | | | | | 0 m | 100 m | 200 m | 300 m | 600 m | 800 m | 1000 m | 100 m | 200 m | | 300 m | 600 m | 800 m | 1000 m |
| 6.5x55 SE (cont.) | 4316038 | Scenar-L 7,8 g / 120 gr GB547 | 830 | 767 | 100 | 0 | -127 | -452 | -3039 | -6744 | | | | | | | | | 740 |
| | | | 2687 | 2294 | 300 | 151 | 174 | 0 | -2135 | -5538 | | | | | | | | | |
| | | | | 0 | 19 | 600 | 506 | 886 | 1067 | 0 | -2692 | | | | | | | | |
| | 4316039 | Scenar-L 7,8 g / 120 gr GB547 | 920 | 855 | 100 | 0 | -95 | -346 | -2359 | -5217 | -9974 | | | | | | | | 740 |
| | | | | 3301 | 2849 | 300 | 115 | 136 | 0 | -1667 | -4293 | -8820 | | | | | | | |
| | | | | 0 | 16 | 600 | 393 | 692 | 833 | 0 | -2071 | -6041 | | | | | | | |
| | 4316032 | Scenar 8,0 g / 123 gr GB489 | 830 | 773 | 100 | 0 | -124 | -438 | -2880 | -6271 | -11822 | | | | | | | | 740 |
| | | | | 2756 | 2387 | 300 | 146 | 168 | 0 | -2004 | -5103 | -10361 | | | | | | | |
| | | | | 0 | 17 | 600 | 480 | 836 | 1002 | 0 | -2431 | -7020 | | | | | | | |

CARTRIDGES - CENTERFIRE RIFLE

| Caliber | Product no. | Bullet name Weight Code | Velocity [m/s] Energy [J] Wind drift [mm] (Sidewind 4 m/s) | Trajectory [mm] | | | | | | | | | | | | Test barrel length [mm] | | | |
|--------------------------|---------------------------------|--------------------------------------|--|---|-------|-------|-------|-------|--------|---------|---------|-------|-------|-------|--------|-------------------------|--------|--------|--------|
| | | | | Rifle sighted in at [m] | | | | | | | | | | | | | | | |
| | | | | Impact point above or below line of sight (Scope 40 mm above bore line) | | | | | | | | | | | | | | | |
| | | | 0 m | 100 m | 200 m | 300 m | 600 m | 800 m | 1000 m | 100 m | 200 m | 300 m | 600 m | 800 m | 1000 m | | | | |
| .300 Win Mag. | N317204 | Naturalis 11,0 g / 170 gr N558 | 902 | 815 | 732 | 652 | 452 | | | 100 | 0 | -108 | -401 | -2940 | | 600 | | | |
| | | | 4475 | 3654 | 2945 | 2339 | 1123 | | | | 300 | 134 | 159 | 0 | -2139 | | | | |
| | 4317312 | Mega 12,0 g / 185 gr E415 | 830 | 736 | 649 | 568 | | | | | 100 | 0 | -142 | -518 | | 600 | | | |
| | | | 4130 | 3251 | 2525 | 1934 | | | | | 163 GEE | 40 | -62 | -398 | | | | | |
| 8x57 IRS | N318010 | Naturalis 11,7 g / 180 gr N559 | 800 | 718 | 639 | 566 | | | | | 100 | 0 | -151 | -544 | | 600 | | | |
| | | | 3744 | 3013 | 2388 | 1873 | | | | | 159 GEE | 40 | -72 | -425 | | | | | |
| | 4318029 | OT 7,8 g / 120 gr G573 | 940 | 811 | 693 | 586 | | | | | 100 | 0 | -110 | -427 | -3661 | 600 | | | |
| | | | 3446 | 2565 | 1875 | 1339 | | | | | 300 | 142 | 174 | 0 | -2807 | | | | |
| .338 Lapua Mag. (8.6x70) | N318020 | Naturalis 15,0 g / 231 gr N508 | 920 | 835 | 753 | 674 | 473 | | | 100 | 0 | -100 | -374 | -2729 | | 680 | | | |
| | | | 6348 | 5233 | 4251 | 3410 | 1678 | | | | 300 | 125 | 149 | 0 | -1982 | | | | |
| | 4318017 | Scenar 16,2 g / 250 gr GB488 | 905 | 856 | 808 | 762 | 631 | 551 | 477 | | 100 | 0 | -93 | -2164 | -4570 | -8274 | -13721 | -26585 | 680 |
| | | | 6634 | 5937 | 5294 | 4703 | 3225 | 2457 | 1840 | 1353 | 874 | 300 | 112 | 131 | 0 | -1493 | -3674 | -7155 | -12377 |
| 8x57 IS | N318009 | Naturalis 11,7 g / 180 gr N559 | 820 | 737 | 657 | 514 | | | | | 100 | 0 | -141 | -510 | | 600 | | | |
| | | | 3934 | 3177 | 2527 | 1985 | | | | | 178 GEE | 39 | -32 | -309 | -3424 | | | | |
| | 4318033 | Lock Base 16,2 g / 250 gr B408 | 900 | 850 | 800 | 751 | 611 | 525 | 444 | | 100 | 0 | -95 | -343 | -2231 | -4753 | -8711 | | 680 |
| | | | 6561 | 5846 | 5179 | 4563 | 3023 | 2230 | 1600 | 1035 | 1768 | 300 | 114 | 134 | 0 | -1544 | -3838 | -7567 | |
| 9.3x62 | 4319012 | OT 12,0 g / 185 gr G574 | 845 | 739 | 641 | 550 | | | | | 100 | 0 | -141 | -523 | -4159 | | 600 | | |
| | | | 4284 | 3275 | 2462 | 1818 | | | | | 300 | 174 | 208 | 0 | -3113 | | | | |
| | N319204 | Naturalis 16,2 g / 250 gr N560 | 740 | 674 | 611 | 552 | | | | | 100 | 0 | -176 | -615 | | 600 | | | |
| | | | 4436 | 3683 | 3027 | 2472 | | | | | 150 GEE | 39 | -98 | -498 | | | | | |
| 4319010 | Mega 18,5 g / 285 gr E433 | 690 | 612 | 539 | 473 | | | | | 100 | 0 | -223 | -783 | | 600 | | | | |
| | | 4404 | 3461 | 2688 | 2069 | | | | | 140 GEE | 39 | -147 | -673 | | | | | | |

¹⁾ NOTE: Required twist is 1 turn in 250 mm or faster. Maximum barrel length 450 mm.

TACTICAL CARTRIDGES

| Caliber | Product no. | Bullet name Weight Code | Velocity [m/s] Energy [J] Wind drift [mm] (Sidewind 4 m/s) | Trajectory [mm] | | | | | | | | | | | | Test barrel length [mm] | |
|---------------|--------------------------------------|---|--|---|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------------------|-------------------------|-------|
| | | | | Rifle sighted in at [m] | | | | | | | | | | | | | |
| | | | | Impact point above or below line of sight (Scope 40 mm above bore line) | | | | | | | | | | | | | |
| | | | 0 m | 100 m | 200 m | 300 m | 600 m | 800 m | 1000 m | 100 m | 200 m | 300 m | 600 m | 800 m | 1000 m | | |
| 6.5 Creedmoor | 43M6001 | Armour Piercing 9,4 g / 145 gr AP570 | 845 | 794 | 744 | 695 | 558 | 473 | 392 | 100 | 0 | -116 | -409 | -2637 | -5642 | -10424 | 600 |
| | | | 3356 | 2963 | 2602 | 2273 | 1464 | 1052 | 724 | 300 | 0 | 136 | 157 | 0 | -1819 | -4550 | -9059 |
| .308 Win. | 4317076 | Scenar-L 10,0 g / 155 gr GB552 | 860 | 794 | 730 | 669 | 503 | 408 | 331 | 100 | 0 | -115 | -414 | -2813 | -6265 | -12106 | 660 |
| | | | 3698 | 3151 | 2663 | 2235 | 1264 | 833 | 548 | 300 | 138 | 161 | 0 | -1984 | -5160 | -10726 | |
| | 4317598 | Armour Piercing 10,7 g / 165 gr AP492 | 860 | 790 | 722 | 593 | 478 | 373 | | | 100 | 0 | -118 | -424 | -2936 | -6673 | 660 |
| | | | 3957 | 3339 | 2786 | 1883 | 1221 | 743 | | | 300 | 141 | 165 | 0 | -2088 | -5541 | |
| | 4317515 | Scenar 10,85 g / 167 gr GB422 | 820 | 754 | 690 | 628 | 459 | 364 | | | 100 | 0 | -132 | -470 | -3212 | -7258 | 660 |
| | | | 3648 | 3083 | 2579 | 2138 | 1144 | 717 | | | 300 | 157 | 181 | 0 | -2271 | -6003 | |
| | 4317596 | Lock Base 11,0 g / 170 gr B476 | 840 | 779 | 718 | 659 | 493 | 390 | | | 100 | 0 | -122 | -435 | -2924 | -6522 | 660 |
| | | | 3881 | 3337 | 2839 | 2392 | 1338 | 836 | | | 300 | 145 | 168 | 0 | -2054 | -5362 | |
| | 43M7600 | Lock Base 11,0 g / 170 gr B476 | 744 | 684 | 626 | 570 | 411 | 321 | | | 100 | 0 | -170 | -589 | -3951 | -8683 | 400 |
| | | | 3044 | 2575 | 2158 | 1788 | 931 | 568 | | | 300 | 196 | 223 | 0 | -2772 | -7391 | |
| | 4317520 | Scenar-L 11,3 g / 175 gr GB550 | 793 | 733 | 675 | 619 | 468 | 384 | | | 100 | 0 | -143 | -501 | -3332 | -7362 | 660 |
| | | | 3553 | 3039 | 2577 | 2166 | 1239 | 833 | | | 300 | 167 | 191 | 0 | -2329 | -6025 | |
| 4317523 | Scenar 12,0 g / 185 gr GB432 | 755 | 697 | 640 | 585 | 438 | 356 | | | 100 | 0 | -162 | -563 | -3735 | -8288 | 660 | |
| | | 3420 | 2911 | 2454 | 2052 | 1152 | 761 | | | 300 | 188 | 214 | 0 | -2609 | -6787 | | |
| N317105 | Naturalis 11,0 g / 170 gr N558 | 800 | 717 | 639 | 566 | | | | | 100 | 0 | -151 | -543 | | 660 | | |
| | | 3520 | 2829 | 2243 | 1762 | | | | | 300 | 181 | 211 | 0 | | | | |
| 4317590 | D46 12,0 g / 185 gr D46 | 760 | 704 | 650 | 597 | 452 | 369 | | | 100 | 0 | -157 | -547 | -3588 | -7908 | 660 | |
| | | 3466 | 2974 | 2533 | 2141 | 1228 | 815 | | | 300 | 182 | 207 | 0 | -2495 | -6450 | | |
| 4317340 | Subsonic 13,0 g / 200 gr B416 | 325 | 309 | 296 | 284 | | | | | 100 | 0 | -988 | -3097 | | 410 ¹⁾ | | |
| | | 687 | 620 | 568 | 524 | | | | | 300 | 1033 | 1077 | 0 | | | | |

AP and API ammunition are available for military and law enforcement use only.

TACTICAL CARTRIDGES

| Caliber | Product no. | Bullet name Weight Code | Velocity [m/s] Energy [J] Crosswind drift [mm] (Sidewind 4 m/s) | Trajectory [mm] | | | | | | | | | | | | | | | Test barrel length [mm] | | |
|-----------------|--|--------------------------------------|---|---|-------|-------|-------|-------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|-------------------------|--------|-----|
| | | | | Rifle sighted in at [m] | | | | | | | | | | | | | | | | | |
| | | | | Impact point above or below line of sight (Scope 40 mm above bore line) | | | | | | | | | | | | | | | | | |
| | | | 0 m | 100 m | 200 m | 300 m | 600 m | 800 m | 1000 m | 1200 m | 1500 m | 100 m | 200 m | 300 m | 600 m | 800 m | 1000 m | 1200 m | 1500 m | | |
| .338 Lapua Mag. | N318020 | Naturalis 15,0 g / 231 gr N508 | 920 | 835 | 753 | 674 | 473 | | | | | 100 | 0 | -100 | -374 | -2729 | | | | | 680 |
| | | | 6348 | 5233 | 4251 | 3410 | 1678 | | | | | 300 | 125 | 149 | 0 | -1982 | | | | | |
| | 4318017 | Scenar 16,2 g / 250 gr GB488 | 905 | 856 | 808 | 762 | 631 | 551 | 477 | 409 | 328 | 100 | 0 | -93 | -336 | -2164 | -4570 | -8274 | -13721 | -26585 | 680 |
| | | | 6634 | 5937 | 5294 | 4703 | 3225 | 2457 | 1840 | 1353 | 874 | 300 | 112 | 131 | 0 | -1493 | -3674 | -7155 | -12377 | -24904 | |
| 4318033 | Lock Base 16,2 g / 250 gr B408 | 900 | 850 | 800 | 751 | 611 | 525 | 444 | 372 | 310 | 100 | 0 | -95 | -343 | -2231 | -4753 | -8711 | -14679 | -29281 | 680 | |
| | | 6561 | 5846 | 5179 | 4563 | 3023 | 2230 | 1600 | 1118 | 778 | 300 | 114 | 134 | 0 | -1544 | -3838 | -7567 | -13305 | -27561 | | |
| 4318035 | Armour Piercing 16,1 g / 248 gr AP485 | 905 | 848 | 794 | 741 | 595 | 509 | 431 | 363 | 308 | 100 | 0 | -96 | -346 | -2282 | -4901 | -9046 | -15324 | -30594 | 680 | |
| | | 6593 | 5794 | 5069 | 4417 | 2851 | 2084 | 1496 | 1063 | 763 | 300 | 115 | 135 | 0 | -1589 | -3977 | -7891 | -13937 | -28858 | | |
| 4318048 | Armour Piercing Incendiary 16,4 g / 253 gr API526 | 895 | 838 | 782 | 727 | 574 | 481 | 396 | 331 | 288 | 100 | 0 | -100 | -361 | -2386 | -5172 | -9679 | -16714 | -34161 | 680 | |
| | | 6568 | 5757 | 5014 | 4338 | 2699 | 1896 | 1288 | 900 | 682 | 300 | 120 | 140 | 0 | -1665 | -4210 | -8476 | -15271 | -32354 | | |
| 4318013 | Scenar 19,4 g / 300 gr GB528 | 830 | 789 | 750 | 712 | 605 | 539 | 478 | 422 | 349 | 100 | 0 | -117 | -407 | -2524 | -5231 | -9289 | -15073 | -28084 | 680 | |
| | | 6682 | 6038 | 5465 | 4917 | 3550 | 2818 | 2216 | 1727 | 1181 | 300 | 136 | 155 | 0 | -1710 | -4146 | -7932 | -13444 | -26046 | | |
| 43M8055 | Armour Piercing 19,4 g / 300 gr AP529 | 830 | 787 | 746 | 705 | 591 | 522 | 459 | 401 | 331 | 100 | 0 | -118 | -413 | -2583 | -5391 | -9647 | -15737 | -29738 | 680 | |
| | | 6682 | 6008 | 5398 | 4821 | 3388 | 2643 | 2044 | 1560 | 1063 | 300 | 138 | 157 | 0 | -1757 | -4289 | -8270 | -14090 | -27678 | | |
| 43M8052 | Armour Piercing Incendiary 19,4 g / 300 gr API571 | 830 | 792 | 754 | 716 | 608 | 541 | 479 | 394 | 344 | 100 | 0 | -116 | -406 | -2512 | -5206 | -9248 | -15012 | -28053 | 680 | |
| | | 6682 | 6085 | 5516 | 4970 | 3582 | 2839 | 2224 | 1503 | 1146 | 300 | 135 | 154 | 0 | -1701 | -4124 | -7895 | -13389 | -26022 | | |

AP and API ammunition are available for military and law enforcement use only.

CARTRIDGES - CENTERFIRE HANDGUN

| Caliber | Product No. | Bullet type Weight Code | Velocity [m/s] Energy [J] Wind drift [mm] (Sidewind 4 m/s) | Trajectory [mm] | | | | | | Test barrel length [mm] | |
|------------------------|-------------|--|--|--|------|-------|------|------|-------|-------------------------|-----|
| | | | | Weapon sighted in at | | | | | | | |
| | | | | Impact point above or below line of sight (Sights 20 mm above bore line) | | | | | | | |
| | | | 0 m | 10 m | 50 m | 100 m | 10 m | 50 m | 100 m | | |
| .32 S&W Long Wadcutter | 4318023 | Lead Wadcutter 5,35 g / 83 gr C427 | 240 | 228 | 189 | 149 | 25 m | 2 | -116 | -914 | 150 |
| | | | 154 | 139 | 95 | 59 | 50 m | 26 | 0 | -681 | |
| | 4318026 | Lead Wadcutter 6,35 g / 98 gr C356 | 240 | 232 | 202 | 171 | 25 m | 2 | -107 | -799 | 150 |
| | | | 183 | 170 | 130 | 93 | 50 m | 23 | 0 | -585 | |

CARTRIDGES - RIMF

CARTRIDGES - CENTERFIRE RIFLE

| Caliber | Product no. | Bullet name Weight Code | Velocity [fps] | | | | | | | Trajectory [in] | | | | | | | Test barrel length [in] | |
|--------------------|-------------|-------------------------------------|-------------------------------------|--------|--------|--------|--------|--------|---------|--------------------------|--|--------|--------|--------|--------|---------|-------------------------|----|
| | | | Energy [ft.-lbs.] | | | | | | | Rifle sighted in at [yd] | Impact point above or below line of sight (Scope 1.6 in above bore line) | | | | | | | |
| | | | Wind drift [in] (Sidewind 13 fps) | | | | | | | | 100 yd | 200 yd | 300 yd | 600 yd | 800 yd | 1000 yd | | |
| | | | 0 yd | 100 yd | 200 yd | 300 yd | 600 yd | 800 yd | 1000 yd | | | | | | | | | |
| .222 Rem. (5.7x43) | 4315021 | FMJ 3,6 g / 55 gr S569 | 2887 | 2525 | 2190 | 1882 | | | | 100 | 0 | -4 | -15 | | | | 24 | |
| | | | 1028 | 786 | 592 | 437 | | | | 184 PBR | 2 | -1 | -10 | | | | | |
| | 4315030 | SP 3,6 g / 55 gr E539 | 2887 | 2383 | 1954 | 1599 | | | | 100 | 0 | -5 | -18 | | | | 24 | |
| | | | 1028 | 701 | 471 | 315 | | | 300 | 6 | 8 | 0 | | | | | | |
| | | | 0 | 2 | 7 | 17 | | | 175 PBR | 1,6 | -1 | -14 | | | | | | |
| | N315025 | Naturalis 3,2 g / 50 gr N566 | 3166 | 2676 | 2230 | 1845 | | | 100 | 0 | -3 | -14 | | | | 24 | | |
| | | | 1099 | 785 | 545 | 373 | | | 198 PBR | 1,5 | 0 | -9 | | | | | | |
| | | | 0 | 1,3 | 5,8 | 14,3 | | | | | | | | | | | | |
| .223 Rem. | 4315042 | FMJ 3,6 g / 55 gr S569 | 3133 | 2751 | 2399 | 2074 | 1289 | | | 100 | 0 | -3 | -12 | -101 | | | 26 | |
| | | | 1211 | 933 | 710 | 531 | 205 | | | 300 | 4 | 5 | 0 | -77 | | | | |
| | | | | 0 | 1 | 5 | 11 | | | 198 PBR | 1 | 0 | -8 | -93 | | | | |
| | | N315026 | Naturalis 3,2 g / 50 gr N566 | 3330 | 2833 | 2369 | 1964 | | | 100 | 0 | -3 | -12 | | | | | |
| | | | | 1216 | 880 | 615 | 423 | | | 202 PBR | 1 | 0 | -8 | | | | | |
| | | | | 0 | 1 | 5 | 13 | | | | | | | | | | | |
| | 4315011 | Scenar 4,5 g / 69 gr GB541 | 2789 | 2525 | 2277 | 2044 | 1430 | | 100 | 0 | -4 | -14 | -105 | | | 20 | | |
| | | | 1199 | 983 | 800 | 644 | 315 | | 300 | 5 | 6 | 0 | -76 | | | | | |
| | | | 0 | 1 | 4 | 8 | 39 | | 600 | 18 | 31 | 38 | 0 | | | | | |
| | 4315015 | Scenar-L 4,5 g / 69 gr GB544 | 2723 | 2463 | 2219 | 1990 | 1385 | | 100 | 0 | -4 | -15 | -112 | | | 20 | | |
| | | | 1143 | 935 | 759 | 611 | 296 | | 300 | 5 | 6 | 0 | -81 | | | | | |
| | | | 0 | 1 | 4 | 9 | 41 | | 600 | 19 | 33 | 41 | 0 | | | | | |
| .243 Win. | 4316052 | FMJ 5,8 g / 90 gr S561 | 2905 | 2637 | 2384 | 2146 | 1522 | | | 100 | 0 | -3 | -13 | -95 | | | 24 | |
| | | | 1677 | 1382 | 1130 | 915 | 460 | | | 300 | 4 | 5 | 0 | -69 | | | | |
| | | | | 0 | 1 | 3 | 8 | | | 192 PBR | 1,5 | 0 | -8 | -81 | | | | |
| | N316201 | Naturalis 5,8 g / 90 gr N509 | 2985 | 2582 | 2213 | | | | 100 | 0 | -4 | | | | | 24 | | |
| | | | 1780 | 1332 | 978 | | | | 183 PBR | 1,4 | -1 | | | | | | | |
| | | | 0 | 1 | 5 | | | | | | | | | | | | | |
| | 4316056 | SP 6,5 g / 100 gr E562 | 2985 | 2724 | 2479 | 2246 | | | 100 | 0 | -3 | -12 | | | | 24 | | |
| | | | 1984 | 1653 | 1368 | 1123 | | | 300 | 4 | 5 | 0 | | | | | | |
| | | | 0 | 1 | 3 | 7 | | | 194 PBR | 1,4 | 0 | -8 | | | | | | |
| 6 mm BR Norma | 4316044 | Scenar-L 5,8 g / 90 gr GB543 | 2950 | 2733 | 2525 | 2325 | 1772 | | | 100 | 0 | -3 | -12 | -81 | | | 26 | |
| | | | 1729 | 1485 | 1267 | 1074 | 624 | | | 300 | 4 | 5 | 0 | -58 | | | | |
| | | | | 0 | 1 | 2 | 6 | 27 | | 600 | 13 | 24 | 29 | 0 | | | | |
| | 4316046 | Scenar 6,8 g / 105 gr GB478 | 2790 | 2598 | 2411 | 2232 | 1472 | 1232 | 100 | 0 | -4 | -13 | -88 | -193 | -362 | | 26 | |
| | | | 1813 | 1572 | 1355 | 1161 | 712 | 505 | 300 | 4 | 5 | 0 | -62 | -158 | -319 | | | |
| | | | 0 | 1 | 2 | 6 | 26 | 50 | 600 | 15 | 26 | 31 | 0 | -75 | -215 | | | |
| | 4316047 | Scenar-L 6,8 g / 105 gr GB542 | 2674 | 2485 | 2303 | 2128 | 1661 | 1396 | 1169 | 100 | 0 | -4 | -15 | -98 | -215 | -403 | 26 | |
| | | | 1666 | 1439 | 1236 | 1055 | 643 | 454 | 319 | 300 | 5 | 6 | 0 | -69 | -175 | -354 | | |
| | | | 0 | 1 | 3 | 6 | 27 | 53 | 89 | 600 | 16 | 29 | 34 | 0 | -83 | -239 | | |
| 6.5x47 Lapua | 4316017 | Scenar-L 7,8 g / 120 gr GB547 | 2772 | 2582 | 2395 | 2215 | 1720 | 1433 | | 100 | 0 | -4 | -13 | -90 | -198 | | 26 | |
| | | | 2053 | 1781 | 1533 | 1311 | 790 | 549 | | 300 | 4 | 5 | 0 | -64 | -163 | | | |
| | | | | 0 | 1 | 2 | 6 | 26 | 51 | 600 | 15 | 26 | 32 | 0 | -78 | | | |
| | | 4316011 | Scenar 8,0 g / 123 gr GB489 | 2790 | 2616 | 2446 | 2281 | 1826 | 1553 | 1301 | 100 | 0 | -3 | -13 | -85 | -183 | -339 | 26 |
| | | | | 2134 | 1876 | 1640 | 1426 | 914 | 661 | 464 | 300 | 4 | 5 | 0 | -59 | -149 | -297 | |
| | | | | 0 | 1 | 2 | 5 | 23 | 44 | 75 | 600 | 14 | 25 | 30 | 0 | -70 | -198 | |
| | 4316016 | Scenar-L 8,8 g / 136 gr GB546 | 2625 | 2461 | 2300 | 2145 | 1720 | 1472 | 1284 | 100 | 0 | -4 | -15 | -97 | -209 | -385 | 26 | |
| | | | 2077 | 1825 | 1595 | 1387 | 892 | 653 | 497 | 300 | 5 | 6 | 0 | -68 | -169 | -336 | | |
| | | | 0 | 1 | 2 | 5 | 24 | 46 | 76 | 600 | 16 | 28 | 34 | 0 | -79 | -223 | | |
| | 4316012 | Scenar 9,0 g / 139 gr GB458 | 2690 | 2537 | 2387 | 2242 | 1839 | 1594 | 1366 | 100 | 0 | -4 | -14 | -88 | -188 | -342 | 26 | |
| | | | 2231 | 1985 | 1757 | 1550 | 1043 | 784 | 576 | 300 | 5 | 5 | 0 | -61 | -151 | -297 | | |
| | | | 0 | 0 | 2 | 5 | 21 | 40 | 67 | 600 | 15 | 26 | 31 | 0 | -70 | -195 | | |
| | N316301 | Naturalis 9,1 g / 140 gr N563 | 2648 | 2230 | 1848 | | | | | 100 | 0 | -5,5 | | | | | 26 | |
| | | | 1886 | 1550 | 1064 | | | | | 165 PBR | 1,6 | -2,4 | | | | | | |
| | | | 0 | 2 | 4 | | | | | | | | | | | | | |
| 6.5 Creedmoor | 4316060 | Scenar 8,0 g / 123 gr GB489 | 2790 | 2616 | 2446 | 2281 | 1826 | 1553 | 1301 | 100 | 0 | -3 | -13 | -85 | -183 | -339 | 24 | |
| | | | 2134 | 1876 | 1640 | 1426 | 914 | 661 | 464 | 75 | 600 | 4 | 5 | 0 | -59 | -149 | -297 | |
| | | | | 0 | 1 | 2 | 5 | 23 | 44 | 75 | 600 | 14 | 25 | 30 | 0 | -70 | -198 | |
| | | 4316063 | Scenar-L 8,8 g / 136 gr GB546 | 2740 | 2573 | 2409 | 2250 | 1812 | 1554 | 1326 | 100 | 0 | -4 | -13 | -88 | -189 | -348 | 24 |
| | | | 2263 | 1996 | 1750 | 1527 | 990 | 728 | 530 | 300 | 4 | 5 | 0 | -61 | -153 | -303 | | |
| | | | 0 | 1 | 3 | 6 | 26 | 50 | 85 | 600 | 15 | 26 | 31 | 0 | -71 | -201 | | |
| | N316401 | Naturalis 9,1 g / 140 gr N563 | 2559 | 2150 | 1798 | | | | | 100 | 0 | -6 | | | | | 24 | |
| | | | 2042 | 1441 | 1008 | | | | | 160 PBR | 1,6 | -3 | | | | | | |
| | | | 0 | 2 | 4 | | | | | | | | | | | | | |
| | 4316064 | Mega 10,1 g / 156 gr E471 | 2560 | 2332 | 2116 | 1912 | | | | 100 | 0 | -5 | -17 | | | | 24 | |
| | | | 2254 | 1871 | 1540 | 1257 | | | | 171 PBR | 1,6 | -2 | -13 | | | | | |
| | | | 0 | 1 | 4 | 8 | | | | | | | | | | | | |
| .260 Rem. | 4316065 | Scenar-L 8,8 g / 136 gr GB546 | 2671 | 2505 | 2343 | 2186 | 1756 | 1504 | 1283 | 100 | 0 | -4,0 | -14 | -94 | -201 | -370 | 24 | |
| | | | 2150 | 1892 | 1655 | 1441 | 930 | 682 | 496 | 117 | 600 | 4,8 | 5,6 | 0 | -65 | -163 | -322 | |
| | | | 0 | 1 | 3 | 8 | 36 | 69 | 117 | 600 | 16 | 27 | 33 | 0 | -76 | -214 | | |
| 6.5x55 SE | 4316033 | FMJ 6,5 g / 100 gr S341 | 2725 | 2374 | 2049 | 1752 | | | | 100 | 0 | -5 | -17 | | | | 29 | |
| | | | 1649 | 1251 | 932 | 682 | | | | 300 | 6 | 7 | 0 | | | | | |
| | | | | 0 | 1 | 5 | 13 | | | 174 PBR | 1,6 | -2 | -13 | | | | | |
| | 4316035 | Scenar 6,5 g / 100 gr GB504 | 2620 | 2411 | 2211 | 2021 | 1506 | | 100 | 0 | -4 | -16 | -109 | | | 29 | | |
| | | | 1529 | 1294 | 1088 | 909 | 505 | 33 | 600 | 5 | 6 | 0 | -77 | | | | | |
| | | | 0 | 1 | 3 | 7 | 33 | | 600 | 18 | 32 | 39 | 0 | | | | | |
| | 4316031 | Scenar 7,0 g / 108 gr GB464 | 2950 | 2748 | 2550 | 2358 | 1832 | 1521 | 1238 | 100 | 0 | -3 | -11 | -78 | -173 | -328 | 29 | |
| | | | 2087 | 1811 | 1560 | 1333 | 805 | 555 | 367 | 300 | 4 | 5 | 0 | -56 | -142 | -290 | | |
| | | | 0 | 1 | 2 | 5 | 25 | 48 | 83 | 600 | 13 | 23 | 28 | 0 | -68 | -197 | | |

CARTRIDGES - CENTERFIRE RIFLE

| Caliber | Product no. | Bullet name Weight Code | Velocity [fps] | | | | | | | | | | Trajectory [in] | | | | | | Test barrel length [in] | |
|-------------------|-------------|-------------------------------------|-----------------------------------|--------|--------|--------|--------|--------|---------|--|--|-----|--------------------------|--|--------|--------|--------|--------|-------------------------|---------|
| | | | Energy [ft.-lbs.] | | | | | | | | | | Rifle sighted in at [yd] | Impact point above or below line of sight (Scope 1.6 in above bore line) | | | | | | |
| | | | Wind drift [in] (Sidewind 13 fps) | | | | | | | | | | | 100 yd | 200 yd | 300 yd | 600 yd | 800 yd | | 1000 yd |
| | | | 0 yd | 100 yd | 200 yd | 300 yd | 600 yd | 800 yd | 1000 yd | | | | | | | | | | | |
| 6.5x55 SE (cont.) | 4316038 | Scenar-L 7,8 g / 120 gr GB547 | 2723 | 2534 | 2348 | 2170 | 1681 | 1399 | | | | | | | | | | | | |
| | | | 1981 | 1715 | 1474 | 1258 | 755 | 523 | | | | 100 | 0 | -4 | -14 | -207 | | | 29 | |
| | | | 0 | 1 | 3 | 6 | 27 | 53 | | | | 300 | 5 | 5 | 0 | -66 | -170 | | | |
| | | | | | | | | | | | | | | | | | | | | |

COMPONENTS - CENTERFIRE RIFLE

| CALIBER | BRASS CASES | | BULLETS | | | | | | | | | | | |
|---|----------------|--------------------|--------------|------------------|--------------|-------|-----------------|------|--------|-------|-----------------------|-----------------------|-------|-------|
| | Product No. | Designation | Product No. | Bullet name | Product code | Type | Bullet diameter | | Weight | | Ballistic coefficient | Ballistic coefficient | | |
| | | | | | | | mm | in | g | grs | | | BC G1 | BC G7 |
| 5.69 mm (.224) | 4PH5002 | .222 Rem. | 4 PL 5006 | Soft Point | E539 | SP | 5.69 | .224 | 3.60 | 55 | 0.185 | | • | |
| | 4PH5003 | .223 Rem. | 4 PL/HL 5017 | FMJ | S569 | FMJ | 5.69 | .224 | 3.60 | 55 | 0.255 | | • | |
| | 4PH5013 | .220 Russian | 4 PL/HL 5015 | Scenar-L | GB544 | OTM | 5.69 | .224 | 4.50 | 69 | 0.341 | 0.171 | • | |
| | 4PH5001 | .22-250 Rem. | 4 PL/HL 5016 | Scenar-L | GB545 | OTM | 5.69 | .224 | 5.00 | 77 | 0.386 | 0.193 | • | |
| | | | | N PL 5001 | Naturalis | N566 | CEX | 5.69 | .224 | 3.20 | 50 | * | | |
| 6 mm (.243) | 4PH6009 | .243 Win. | N PL 6201 | Naturalis | N509 | CEX | 6.16 | .243 | 5.80 | 90 | 0.230 | | | |
| | 4PH6022 | 6 mm Creedmoor | 4 PL/HL 6055 | Scenar-L | GB543 | OTM | 6.18 | .243 | 5.80 | 90 | 0.434 | 0.216 | • | |
| | 4PH6046 | 6 mm BR Norma | 4 PL/HL 6050 | Scenar-L | GB542 | OTM | 6.18 | .243 | 6.80 | 105 | 0.472 | 0.236 | • | |
| 6.5 mm (.264) (Small Rifle Primer) (Large Rifle Primer) | 4PH6012 | 6.5 x 55 SE | 4 PL/HL 6014 | FMJ | S341 | FMJ | 6.71 | .264 | 6.50 | 100 | 0.250 | | | |
| | 4PH6030 | 6.5 - 284 Norma | 4 PL/HL 6015 | FMJ Cutting Edge | S496 | FMJCE | 6.71 | .264 | 6.50 | 100 | 0.250 | | | |
| | 4PH6010 | 6.5 x 47 Lapua | 4 PL/HL 6033 | Scenar | GB504 | OTM | 6.71 | .264 | 6.50 | 100 | 0.424 | 0.212 | • | |
| | 4PH6020 | 6.5 Grendel | 4 PL/HL 6020 | Scenar | GB464 | OTM | 6.71 | .264 | 7.00 | 108 | 0.465 | 0.231 | • | |
| | 4PH6050 | .260 Rem. | 4 PL/HL 6032 | Scenar | GB489 | OTM | 6.71 | .264 | 8.00 | 123 | 0.527 | 0.263 | • | |
| | 4PH6011 | 6.5 Creedmoor | 4 PL/HL 6021 | Scenar-L | GB547 | OTM | 6.71 | .264 | 7.80 | 120 | 0.497 | 0.246 | • | |
| | 4PH6013 | 6.5 Creedmoor | 4 PL/HL 6019 | Scenar-L | GB546 | OTM | 6.71 | .264 | 8.80 | 136 | 0.545 | 0.274 | • | |
| | 4PH6023 | 6.5 PRC | 4 PL/HL 6018 | Scenar | GB458 | OTM | 6.71 | .264 | 9.00 | 139 | 0.578 | 0.290 | • | |
| | | | | 4 PL/HL 6000 | FMJ | B343 | FMJBT | 6.71 | .264 | 9.30 | 144 | 0.636 | | |
| | | | | N PL 6203 | Naturalis | N563 | CEX | 6.71 | .264 | 9.10 | 140 | 0.201 | | • |
| | | | | 4 PL 6010 | Mega | E471 | SP | 6.71 | .264 | 10.10 | 155 | 0.377 | | |
| | 7 mm (.284) | 4PH7095 | 7 mm-08 Rem. | 4 PL/HL 7400 | Scenar-L | GB553 | OTM | 7.21 | .284 | 9.70 | 150 | 0.526 | 0.260 | • |
| 4PH7105 | | 7 x 64 | 4 PL/HL 7401 | Scenar-L | GB554 | OTM | 7.21 | .284 | 11.70 | 180 | 0.661 | 0.332 | • | |
| 4PH7107 | | 7 x 65R | N PL 7027 | Naturalis | N564 | CEX | 7.21 | .284 | 10.10 | 156 | 0.280 | | | |
| 4PH7284 | | .284 Win. | 4 PL/HL 7224 | OT Cutting Edge | G477 | OTCE | 7.83 | .308 | 6.50 | 100 | 0.170 | | • | |
| 7.62 mm (.308) | 4PH7217 | .308 Win. | 4 PL/HL 7003 | FMJ | S374 | FMJ | 7.83 | .308 | 8.00 | 123 | 0.270 | | • | |
| | 4PH7215 | 7.62 x 53R | 4 PL/HL 7063 | Scenar-L | GB552 | OTM | 7.83 | .308 | 10.00 | 155 | 0.460 | 0.230 | • | |
| | 4PH7226 | .308 Win. Palma | 4 PL/HL 7069 | Scenar | GB422 | OTM | 7.83 | .308 | 10.85 | 167 | 0.446 | 0.223 | • | |
| | 4PH7090 | .300 Norma Mag. | 4 PL/HL 7061 | Scenar-L | GB550 | OTM | 7.83 | .308 | 11.30 | 175 | 0.490 | 0.247 | • | |
| | 4PH7096 | .300 Win Mag. | 4 PL/HL 7071 | Scenar | GB432 | OTM | 7.83 | .308 | 12.00 | 185 | 0.482 | 0.242 | • | |
| | 4PH7098 | .300 PRC | 4 PL/HL 7062 | Scenar-L | GB551 | OTM | 7.83 | .308 | 14.30 | 220 | 0.647 | 0.324 | • | |
| | 4PH7068 | .30-06 Springfield | 4 PL/HL 7086 | Lock Base | B476 | FMJBT | 7.83 | .308 | 11.00 | 170 | 0.498 | 0.249 | • | |
| | | | | 4 PL/HL 7019 | D46 | D46 | FMJBT | 7.83 | .308 | 12.00 | 185 | 0.506 | 0.254 | • |
| | | | | 4 PL 7060 | Subsonic | B416 | FMJBT | 7.83 | .308 | 13.00 | 200 | 0.518 | 0.235 | • |
| | | | | 4 PL 7057 | Mega | E469 | SP | 7.83 | .308 | 9.72 | 150 | 0.330 | | |
| | | | | 4 PL 7213 | Mega | E415 | SP | 7.83 | .308 | 12.00 | 185 | 0.319 | | |
| | | | | 4 PL 7047 | Mega | E401 | SP | 7.83 | .308 | 13.00 | 200 | 0.344 | | |
| | | | | N PL 7105 | Naturalis | N558 | CEX | 7.83 | .308 | 11.00 | 170 | 0.354 | 0.177 | • |
| | 7.62 mm (.310) | | | 4 PL/HL 7005 | D166 | D166 | FMJBT | 7.87 | .310 | 13.00 | 200 | 0.448 | 0.224 | • |
| 7.62 mm (.311) | 4PH7074 | 7.62 x 39 | 4 PL/HL 7045 | FMJ | S405 | FMJ | 7.91 | .311 | 8.00 | 123 | 0.257 | | • | |
| 8 mm (.323) | 4PH8030 | 8 x 57 IS | 4 PL/HL8001 | Open Tip | G573 | OT | 8.20 | .323 | 7.85 | 120 | 0.248 | 0.179 | | |
| | 4PH8031 | 8 x 57 IRS | N PL 8009 | Naturalis | N559 | CEX | 8.20 | .323 | 11.70 | 180 | 0.357 | 0.179 | • | |
| 8.61 mm (.338) | 4PH8068 | .338 Lapua Mag. | 4 PL/HL 8012 | Lock Base | B408 | FMJBT | 8.60 | .338 | 16.20 | 250 | 0.625 | 0.310 | • | |
| | 4PH8090 | .338 Norma Mag. | 4 PL 8017 | Scenar | GB488 | OTM | 8.60 | .338 | 16.20 | 250 | 0.648 | 0.322 | • | |
| | | | 4 PL 8013 | Scenar | GB528 | OTM | 8.60 | .338 | 19.44 | 300 | 0.736 | 0.368 | • | |
| | | | 4 PL/HL 8011 | Lock Base | B557 | FMJBT | 8.60 | .338 | 19.44 | 300 | 0.765 | 0.383 | • | |
| | | | | N PL 8020 | Naturalis | N508 | CEX | 8.60 | .338 | 15.00 | 231 | 0.373 | | • |
| 9.3 mm (.366) | 4PH9050 | 9.3 x 62 | 4 PL/HL9018 | Open Tip | G574 | OT | 9.30 | .366 | 12.00 | 185 | 0.283 | | | |
| | | | 4 PL 9017 | Mega | E433 | SP | 9.30 | .366 | 18.50 | 285 | 0.339 | | | |
| | | | N PL 9204 | Naturalis | N560 | CEX | 9.30 | .366 | 16.20 | 250 | 0.419 | 0.215 | • | |

COMPONENTS - CENTERFIRE HANDGUN

| CALIBER | BRASS CASES | | BULLETS | | | | | | | | |
|---------------|-------------|------------------------|-------------|----------------|--------------|------|-----------------|------|--------|-----|-----------------------|
| | Product No. | Designation | Product No. | Bullet name | Product code | Type | Bullet diameter | | Weight | | Ballistic coefficient |
| | | | | | | | mm | in | g | grs | |
| .32 (7.65 mm) | 4HH8021 | .32 S&W Long Wadcutter | 4 PL 8023 | Lead Wadcutter | C427 | LWC | 7.99 | .314 | 5.35 | 83 | 0.029 |
| | | | 4 PL 8021 | Lead Wadcutter | C356 | LWC | 7.99 | .314 | 6.35 | 98 | 0.041 |

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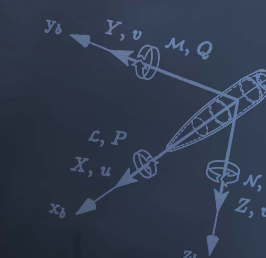
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