

perfection, improved.
introducing the new Sako 85



C A T A L O G U E 2 0 0 6



Living the BIG Dream

I'm extremely proud and happy to introduce a new milestone in the premium rifle category. For professionals and discerning shooting enthusiasts the new Sako 85 is simply a dream come true.

The idea of realizing Big Dreams was our inspiration as we developed the next generation for the technologically groundbreaking and hugely successful Sako 75 series. But there were challenges: how do you improve a rifle that's regarded as the first major development in action technology since the Mauser 98, and that is already loaded with custom features, as standard? Not to mention, how do you improve the most accurate rifle in the world that offers the performance straight out of the box?

The answer, as you might guess, came from Sako's master gunsmiths. Detail by detail, innovation by innovation, they dreamed up a feature list that would actually make the impossible possible – to improve perfection.

Sako 85 sets the new benchmark in performance and prestige. It is developed for shooters who recognize and understand what kind of edge quality can add to their own performance. Since the Sako 85 was designed to fulfill Big Dreams, it might be appropriate to direct the question to you. What is your Big Dream? Is it becoming the best shooter you can be; exploring the best shooting grounds in the world with a rifle that can handle any challenge or is it the pleasure of owning a new legendary rifle that has it all? It's your shot.

Yours sincerely,



Henry Paasikivi
President, CEO
Sako Ltd





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THE NEW BENCHMARK.

The Sako 85 is a major evolutionary step that takes rifle performance, technology and design to a new level. Advanced new features enhance proven Sako innovations, giving you Total Performance, and a unique shooting experience. Federal Cartridge Company has chosen the Sako 85 as the benchmark rifle for their new .338 big game cartridge. The new cartridge gives you magnum knockdown without magnum recoil.

A brochure can only give a vague idea what a totally new Sako 85 feels like. But based on the comments of professional shooters from around the world who have had the privilege to test it, we know that you will be Impressed with the rifle, and with your own improved marksmanship.

NEW IN SAKO 85:

- Controlled cartridge feed in all action sizes
- Unique bolt with three locking lugs
- "Floating" bolt stop construction
- Non reflecting barrel surface
- Stylish shadow-line cheek pieces
- Shock absorbing recoil pad system
- 10 overmolded slip-proof and comfortable grip areas in synthetic stocks
- High-grade walnut and straight-combed stock
- Large recoil lug concept
- Total Control Latch



Everything we do focuses on performance. Your performance.

There's a reason why we at Sako are so focused on performance and technology. Surprisingly, it is not only because we love designing and making, not to mention shooting, the world's most accurate rifles. No, what we are really interested in is to create rifles that bring out the best shooter in you.



Sako 85 is serious hunter's workhorse. To call it "standard", would be the same as to call a grizzly just another furry animal. Loaded with Sako features, legendary Sako accuracy, smooth operation and perfect balance it is a delight to shoot and carry. ◊ Are you ready for a challenge? We urge you to go and test Sako 85 against any rifle in the market. Compare all aspects: the groups printed, the absolute feeding reliability, the perfection of bolt-cycling and the Total Control Latch (pat.pend.). Try to match Sako's impeccable weight and balance or the crisp, adjustable trigger. We

know that after comparing the performance, quality and value of a Sako, the word "standard" earns a completely new meaning.

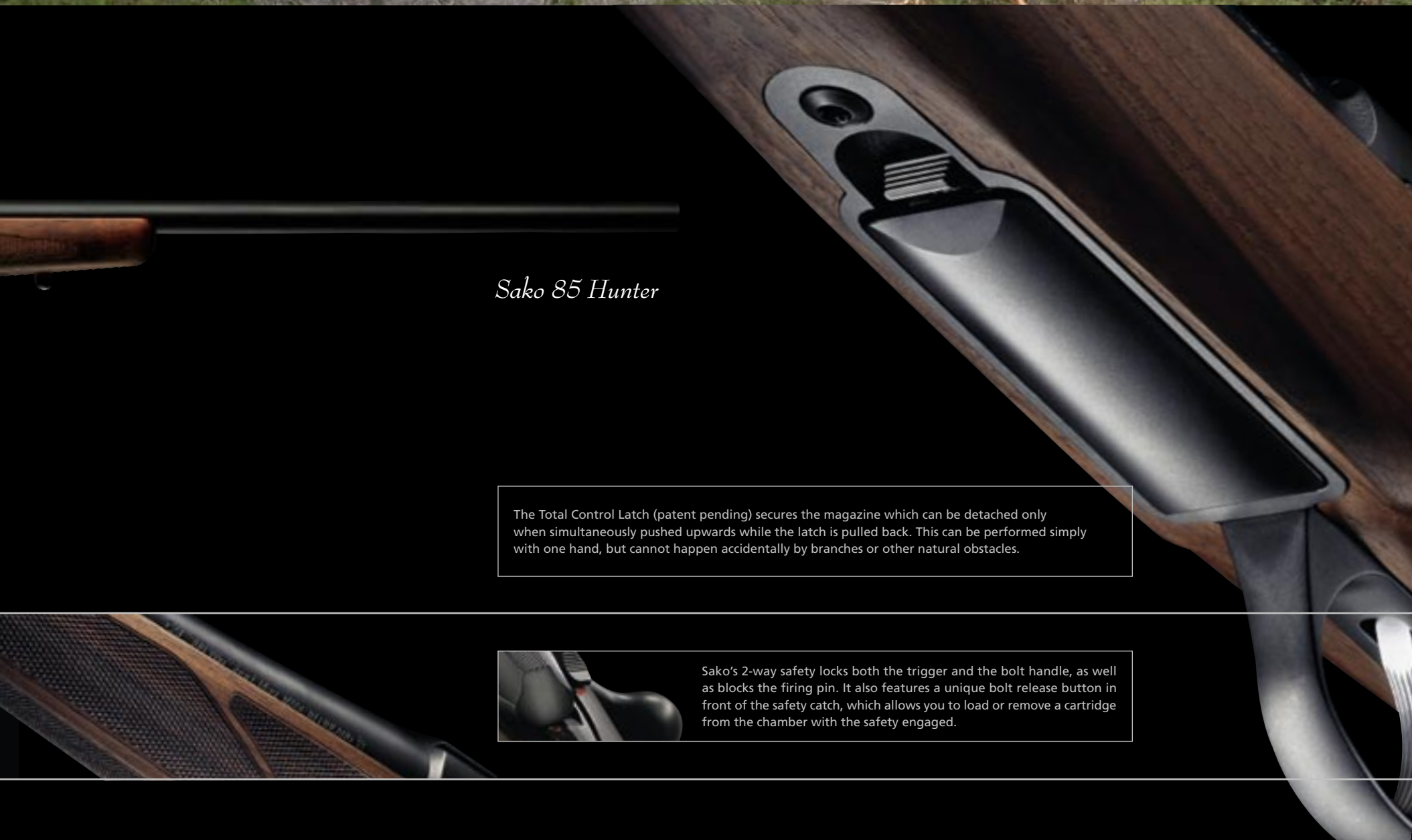
Sako 85 Hunter » The stock of the Sako 85 Hunter features classic lines and high-grade walnut, with a polished oil finish. The stock with straight comb and without cast minimizes felt recoil. The classic shadow-line cheek piece resembles the legendary Safari rifles. The new distinctive checkering pattern and grip surface placement provide functionality and

appealing looks. The pistol grip has a prestigious antique-style brass inlay.






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Sako 85 Hunter

The Total Control Latch (patent pending) secures the magazine which can be detached only when simultaneously pushed upwards while the latch is pulled back. This can be performed simply with one hand, but cannot happen accidentally by branches or other natural obstacles.



Sako's 2-way safety locks both the trigger and the bolt handle, as well as blocks the firing pin. It also features a unique bolt release button in front of the safety catch, which allows you to load or remove a cartridge from the chamber with the safety engaged.

Custom is our standard. At this level, you can expect certain privileges.

The performance of a Sako 85 is the result of a carefully-developed set of features which work together as a balanced system. These features, combined with our design innovations – as well as our long-standing experience in materials science and engineering processes – create the famous Sako touch. Every feature in a Sako 85 rifle is there only because it provides a tangible benefit. Here are the facts, plain and cold.



The overall construction of Sako 85 is extremely sturdy to provide a solid platform for accuracy and precise performance. The large, yet light, recoil lug concept adds to the strength and durability of Sako 85. ◊ The Sako action has five smooth guiding surfaces that prevent bolt binding and provide reliable ultra-smooth operation. ◊ When you buy a Sako, you get a thoroughly tested quality rifle. Each rifle is shot at the factory to make sure it shoots as a Sako should. Only when our specialists are happy will you be happy. That's the Sako way.

Sako 85 Synthetic Stainless » The stock of Sako 85 Synthetic features several innovations. Recoil of this rifle feels low, remarkably less than the shooter would presume. The design and materials of the new recoil pad system absorb and dissipate recoil forces, and guide the stock downwards during recoil. For left-handed shooters, the Sako 85 Synthetic can be equipped with a right-hand cheek piece. The stock features 10 overmolded grip areas that are slip-proof in all conditions. These unique features emerged when Sako technicians and Giugiaro Design united

efforts to make shooting more pleasant, easy and accurate.




The advertisement features a background of a majestic, snow-capped mountain range under a blue sky with scattered clouds. In the foreground, a Sako 85 Synthetic Stainless rifle is shown in a close-up, angled view. The rifle's receiver is dark grey with a textured grip area. The barrel is visible on the left side. The Sako logo and model number '85' are prominently displayed in the top right corner. Three text boxes provide technical details about the rifle's recoil pad, bolt mechanism, and bolt shroud design.

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Sako 85 Synthetic Stainless

The new recoil pad system absorbs recoil effectively, allowing the recoil to dissipate in more than one direction, and away from the shooter's cheek.

Unique to the Sako 85 are three locking lugs in the bolt, combined with a two-row staggered magazine and the controlled round feed. The bolt raceway boasts five guiding surfaces that result in smooth and fast bolt cycling. This translates into fast and accurate repeated shots.



Flowing lines of the bolt shroud add to the distinctive and exclusive neo-classic look of this gorgeous hunting rifle.

Yes, it looks great – but the real beauty is revealed when you handle it.

For Sako, rifle design isn't so much about styling as it is making the rifle feel good and shoot straight. Get a Sako 85 in your hands and you'll notice how much thought, rifle-building experience, and innovation has gone into it. It is a combination of a modern, functional barrelled action in classically-shaped hunting rifle stock, enhanced with a soft shadow lined cheek piece.



All Sako 85 models share the same design principles; however, different stock and barrel materials are available to cater to individual shooter's tastes and preferences. Shooters choose the Sako 85 Hunter for its classic style; the laminated Stainless for its modern look, and the Stainless Synthetic for all-weather practicality. ◁ For total quality control, Sako barrels are made in-house: drilled, honed, cold-hammer forged and finished. For best accuracy the twist rate is optimized for each caliber and the muzzle crowning is made manually. The barrels are inspected using the


most complex and highly refined optical fine tuning instrument known to man: the human eye. All Sako 85 barrels are free-floating. Both the stainless and blued barrels have non-reflecting satin-like surface.

Sako 85 Laminated Stainless » The free-floating cold-hammer forged barrel is made of high-grade stainless steel. And so is the receiver and bolt. The grey matt-lacquered, laminated hardwood stock provides a stable platform for the toughest conditions. ◁ Durability is only part of


the story, as are pinpoint accuracy and great ergonomics. Good looks are also a part of the enjoyment. With its grey streamlined stock, and immaculate stainless hardware, optional stainless scope mounts, the Sako 85 Laminated Stainless screams for a matching silver-grey scope to form one of the best looking hunting rifles in the world. Just look at it!



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Sako 85 Laminated Stainless



The trigger system is adjustable from the magazine well: it comes set at the factory at approx. 1,5 kg, but can be adjusted between 1 and 2 kg weight of pull. The detachable magazine can also be loaded through the ejection port. The magazine follower is made of aluminium, to ensure faultless operation. The magazine box is made of stainless steel.

Let our 4 x 4 take you to new places.

Sako Quad is another example of trailblazing innovation and out-of-the-box thinking. Four barrels, four calibers using only two magazines, and all in one rimfire rifle. This innovation enables four interchangeable barrels to be changed in seconds – without losing the point of impact.

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quad



Sako Quad Hunter

Barrels can be changed easily by using Sako Quad barrel tool.



Sako Quad Synthetic



Each Sako Quad caliber have unique characteristics and is optimal for specific shooting needs. Quad calibers from left to right: 17 Mach 2, 22LR, 17HMR and 22WMR

So, there's no more need to ponder and fret whether you have chosen the best small-bore caliber when you can have them all in one package! The unique concept adds an extra element of excitement and fun - exactly what shooting is all about. ◊ Although small-bore, the Quad has the feel of a full-sized Sako. The best materials, cold-hammer forged precision barrels and Sako workmanship produce flawless accuracy and operation. ◊ The unique color-coded Burris Quad 3-9x40 rifle scope, developed exclusively for Sako, memorizes the point of impact for each caliber. Each

barrel shares a matching color-code with the scope's adjustment rings. Once the scope is set for different calibers, you only need to change the barrel and then turn the turret to respective color-coded zero. Sako Quad extra magazines are correspondingly color-coded and can house two different calibers. The construction prevents the use of wrong combinations of barrels and magazines. ◊ It's no wonder that Sako Quad has been a runaway success with shooters, commenting on its unique technology, offering both practical versatility and serious performance.

Sako Quad scope by Burris memorizes your point of impact for each caliber with a color coded adjustment dial.



Adjust to a higher dimension of accuracy: your dimensions.

Sako TRG is a total accuracy concept designed to accomplish a single-minded mission: to hit the target, whatever it takes.



Sako TRG-22/42



Sako TRG-22/42

with stainless steel barrel and optional accessories.

Optional TRG accessories include among others a highly effective 3-chamber muzzle brake, scope/sight mounting systems, innovative clip-on bipod, extra magazines, emergency iron sights, mirage strap, scope mounts, Picatinny interface, sling and swivels, cleaning kit, folding stock, transportation case, as well as spacers for cheek piece and butt plate.

The Sako TRG-22/42 accuracy concept is the result of Sako innovation, giving you performance that surpasses the highest demands for accuracy, reliability and versatility. The TRG-22/42 is designed to meet individual demands, and adjusts to each shooter's personal style, build and posture. ◁ The super target-grade barrels, as well as the receiver, made specially for the TRG, are cold-hammer forged. The sturdy bolt with three locking lugs unswervingly feeds rounds from the centerline of a detachable staggered 2-row magazine. All Sako TRG receivers are drilled and tapped

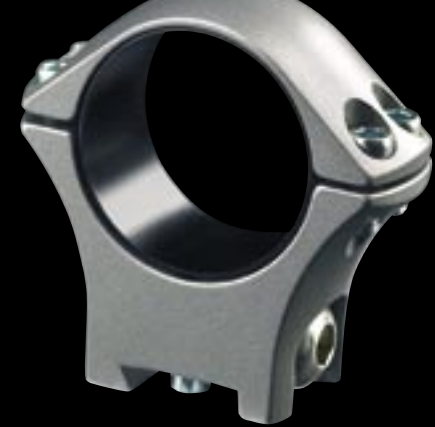
for an accessory Picatinny rail. ◁ Configurations include black and green high-tech aluminium reinforced composite stocks with different barrel and action finishes, including an all-black stealth configuration and a special folding stock version with green stock. ◁ The TRG-22/42 accuracy concept serves several military and law enforcement organizations as their primary sniper weapon system.

The TRG-22 in .308 Win handles a multitude of accuracy tasks and it is a thoroughbred 300 m ISSF standard competition rifle and a CISM competition winner.

The TRG-42 in .300 Win Mag or .338 Lapua Mag is a true long-range precision tool for serious long-range competition and can be equipped with a huge array of accessories to fulfill the most demanding requirements.

Set your sights – once.

Owners of Sako hunting rifles can enjoy the unique advantages of the Sako Optilock™ scope mounts. Optilock™ mounts only require you to set your sights once. Even if you need to remove the scope and mounts for cleaning or to change optics, you won't need to zero it again.



The Optilock Weaver base makes the use of Optilock rings possible in all rifles with Weaver or Picatinny rails.

Extra low base mount is the lowest base-style Optilock mount providing a compact package for great performance and looks.

Ring mounts provide light weight and low Optilock mounting for compact scopes.



The Sako Optilock gives you a double benefit by offering better performance and ease of use. The Optilock mount bases are machined from a solid block of special steel alloy, just like our rifles. The front bases have a solid angled left side and a similarly angled right side with a clamping device. This base design combined with Sako rifles' integral dovetail rail allows you to adjust the horizontal position of the scope without touching the adjustments. The rear base matches the form of the rear

dovetail, so that the rifle and base match perfectly. The limiter pin fits the integrated slot in the rear bridge of your Sako. Optilock rings are available in four heights and two diameters: 25.4 mm (1") and 30 mm, to fit any scope. The inner scope saver ring is made of polymer, and acts as a ball-bearing, to prevent the scope tube from being deformed. See attached table for base and ring details. The bases and rings are available in several finishes: blued, phosphatized as well as satin matte stainless.

Any scope matches easily with your Sako rifle. Optilock mount bases and rings are available in individual clamshell packages. Get the benefit of combining any of the Optilock rings with any Optilock mount bases. Base and ring combinations are easily matched, giving you greater versatility and choice.



Integral tapered dovetail rails and limiter pin slot on Sako rifles together with Optilock scope mounts provide precise and reliable mounting.



Sako Optilock Ring Mounts

Ring type	Tube diameter (d) mm	Mount height (H) mm	Scope max. outer diameter (D) mm	
1" LO	25.4 / 26	Low	27	48...56
1" LO S/S	25.4 / 26	Low	27	48...56
30 mm LO	30	Low	29	52...60
30 mm LO S/S	30	Low	29	52...60

Sako Optilock Mount Bases for mount rings

Base type	Rifle
Sako Short	L461 / L579, S491 / M591, Sako 75, Sako 85
Sako Long	L61R / L691, TRG-S, Sako 75, Sako 85
Sako Extended	L61R / L691, TRG-S, Sako 75, Sako 85
Weaver	Sako TRG with Picatinny rail, Weaver rail

Sako Optilock Mount Rings for mount bases

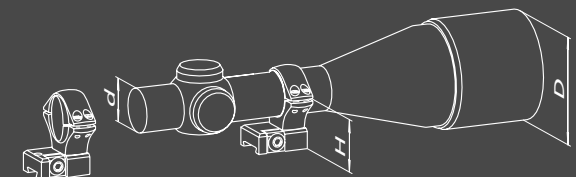
Ring type	Tube diameter (d) mm	Mount height (H) mm	Scope max. outer diameter (D) mm	
1" XTRA LO	25.4 / 26	Extra Low	28.5	51...59
1" XTRA LO S/S	25.4 / 26	Extra Low	28.5	51...59
1" LO	25.4 / 26	Low	30.5	55...63
1" LO PHO	25.4 / 26	Low	30.5	55...63
1" LO S/S	25.4 / 26	Low	30.5	55...63
1" ME	25.4 / 26	Medium	35.5	65...73
1" ME PHO	25.4 / 26	Medium	35.5	65...73
1" ME S/S	25.4 / 26	Medium	35.5	65...73
1" HI	25.4 / 26	High	40.5	75...83
30 mm XTRA LO	30	Extra Low	30.5	55...63
30 mm XTRA LO S/S	30	Extra Low	30.5	55...63
30 mm LO	30	Low	32.5	59...67
30 mm LO PHO	30	Low	32.5	59...67
30 mm LO S/S	30	Low	32.5	59...67
30 mm ME	30	Medium	36.5	67...75
30 mm ME PHO	30	Medium	36.5	67...75
30 mm ME S/S	30	Medium	36.5	67...75
30 mm HI	30	High	40.5	75...83

Sako Optilock Quickmounts (including bases and rings)

1" LO	25.4 / 26	Low	30,5	55...63
1" ME	25.4 / 26	Medium	35,5	65...73
30 mm LO	30	Low	32,5	59...67
30 mm ME	30	Medium	36,5	67...75

Indicated maximum outer diameter of objective end shows values both for heavy barrel (smaller) and standard barrel.

With the Sako Optilock Quickmount, scope mounting is even more practical. Adjustable levers make removal and remounting of Optilock Quickmount precise and easy. In big game hunting, the situations may require you to remove the scope in seconds and use open sights. Sako Optilock Quickmount allows you to do just that, leaving no distracting base components on the action. To remount, just push the unit back to the dovetail rails of your Sako all the way into the slot on the receiver, tighten the levers and you are all set! The scope is now as perfectly zeroed-in as before.

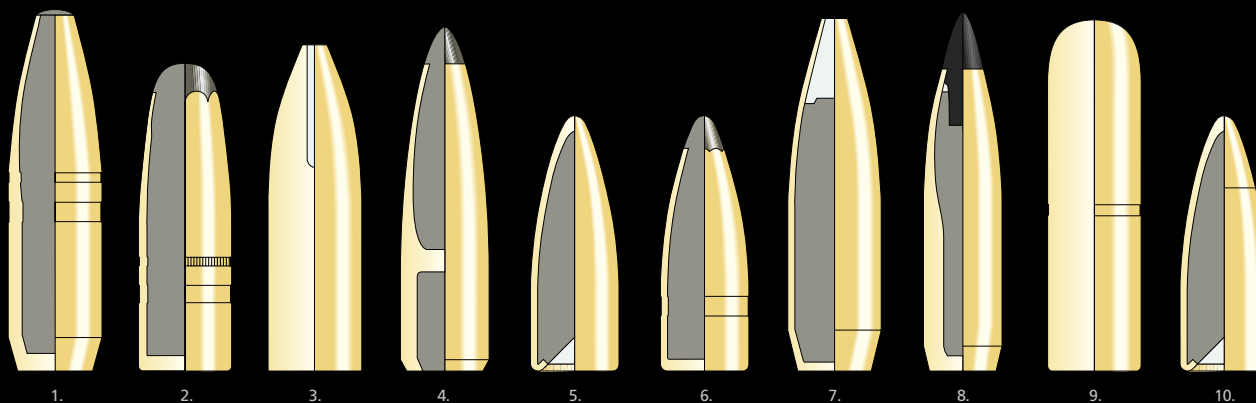




You've carefully chosen a rifle. You've purchased a good scope and mounts, and you're ready to shoot. But remember, the thing that finally gets the game or hits the target is the load from the ammo you shoot. Sako has manufactured centerfire hunting and competition ammunition since 1928. We know what it takes to achieve the best results.

Making both rifles and cartridges is a matter of pride as much as it is about offering the best cartridge and rifle fit, and the performance it brings to you, the shooter. Manufacturing a single accurate cartridge is not the most challenging thing. Neither is making ten million. The trickiest part is making the ten million behave as one and the same.

We make 90 different loads in 28 popular calibers. Naturally we have chosen the best components to fulfill the needs of hunters and shooters. There are two factors that define the result in hunting: one is the bullet placement in the game or target, and the other is the bullet terminal performance. Take a moment to read our cartridge table. It contains a lot of information about calibers, bullet types and their trajectories. To help you to choose the best bullet and load for your specific type of hunting or shooting, we indicate with symbols the type of intended use.



RELOADING COMPONENTS

Sako cases and bullets have the tough quality, high accuracy and durability that makes them popular with reloaders. Our high-quality brass cases are great favourites as they have the reputation for outlasting the competition. Sako bullets cater to special needs. For example, the Cuthead competition and training bullet's cutter groove cuts a clean hole for easy score interpretation.

1) **Super Hammerhead™** » Heavy jacketed, strong and non-fragmenting, ensuring controlled expansion. Bonded core construction produces high weight retention, producing good penetration. Boat-tailed for high-ballistic efficiency means flatter trajectory. First developed and tested in Sako ballistic laboratories, followed by actual extensive big game hunting tests.

2) **Hammerhead™** » Heavy, jacketed bonded core, soft point for larger calibers. Specially designed bullet form and construction prevents core separation and allows controlled mushrooming for excellent stopping power.

3) **Powerhead™** » Famous, all-copper and non-toxic, expanding big game bullet made for Sako by Barnes®. Ensures deep penetration and very high weight retention.

4) **Twinhead™** » Soft point bullet (Nosler Partition®) with 2 separate lead cores. The enclosed rear core retains at least two-thirds of the original weight for deep penetration, and the front lead core expands for greater shock and wider wound channel. The bullet rear stays together even on direct hits on heavy bone.

5) **Speedhead™** » Full metal jacket bullet that delivers a high degree of accuracy for target shooting. Ensures less destruction in practice, and minimal pelt and meat damage on furred game, or in bird hunting.

6) **Gamehead™** » Traditional and accurate soft point bullet. Excellent all-purpose hunting bullet on small/medium sized game.

7) **Racehead™** » A thin jacketed, match hollow point and boat tail (Sierra Match King®) developed solely for rifle competition. When you need long-range accuracy, demand this load.

8) **Arrowhead II™** » Ballistically advanced big game bullet (Swift Scirocco II®) with heavy construction manufactured for Sako by Swift Bullets®. The polymer tip maintains the streamlined form until the bullet hits game tissue. Bonded core construction provides fast shock, controlled expansion and high weight retention.

9) **Ramhead™** » Strong, round-nosed, solid, brass bullet (Barnes Solid®) that is non-toxic, and contains no lead and has a double-diameter design. The frontal section has a smaller diameter riding on top of the rifling, and the rear section has the diameter of the grooves, thus giving the bullet stable and accurate gyroscopic stability with less friction. The bullet penetrates tissue deeply and reliably without expanding. Ramhead is a very reliable big game bullet for special hunting situations, such as shooting dangerous heavy game from frontal or rear sectors.

10) **Cuthead™** » Competition and training bullet leaving a clean hole on target paper for easy score interpretation. In full jacket form, this bullet may also be used on small game hunting like our Speehead™ bullets.



The best way to achieve confidence in field accuracy, and to learn to use your rifle properly, is to practice. There is a way to hone your shooting skills without blowing up your wallet. Sako Range gives you training and competition cartridges in large affordable boxes. Sako Range cartridges are available in five popular calibers.

Table with columns: CALIBER, BULLET (Code, Type, g, grs), POWDER, Charge, VELOCITY m/s, ENERGY joules, TRAJECTORY cm/m (muzzle -4.5 cm), GEE, PACKING. Includes various caliber entries like 22 PPC USA, 222 Rem, 270 Win, etc., and corresponding bullet types, charges, velocities, and energy levels. Includes additional notes on the right side regarding bullet types and hunting checks.

