

NCAGE CODE A140N



PROUDLY PRODUCED IN SWEDEN





History

Spuhr i Dalby AB was founded by Håkan Spuhr in 2007 after a successful career working as a gunsmith. Prior to founding his own company, Håkan had designed the Aimpoint TwistMount and the MPS mount. As word spread about the gunsmith with the extraordinary technical solutions, Håkan's assistance was requested by military units – and one thing lead to another...

Today, the company collaborates extensively with armed forces and manufacturers worldwide. Some of our products stem from military demands for innovative solutions, while others, like the Ideal Scope Mounts System (ISMS™), are born from our personal expertise in shooting and hunting.

To ensure maximum precision and quality, we manufacture 99% of our products in-house at our own factory in Löddeköpinge, Sweden.



What we do

Our mission is to produce innovative solutions containing a minimum of parts.

Our ISMS™ scope mounts are perfect examples of our innovative designs. For more than a hundred years scope mounts have looked basically the same – with the same limitations – regardless of the manufacturer. That is, until our ISMS™ came on the market in 2010.

We have taken the scope mount from just being a way of attaching the scope to a firearm, to a platform for mounting accessories, such as back-up sights, night vision, lasers, and cosine indicators to a firearm and aligning them with the primary optics.

Another good example of our innovative products is our Chassis System. Drawing on a lifetime of shooting experience and decades of expertise in design and manufacturing, were we proud to introduce the Spuhr® Ideal Chassis System™ (SICS™ – pronounced “six”) after two years of dedicated development.

It's a game changer!

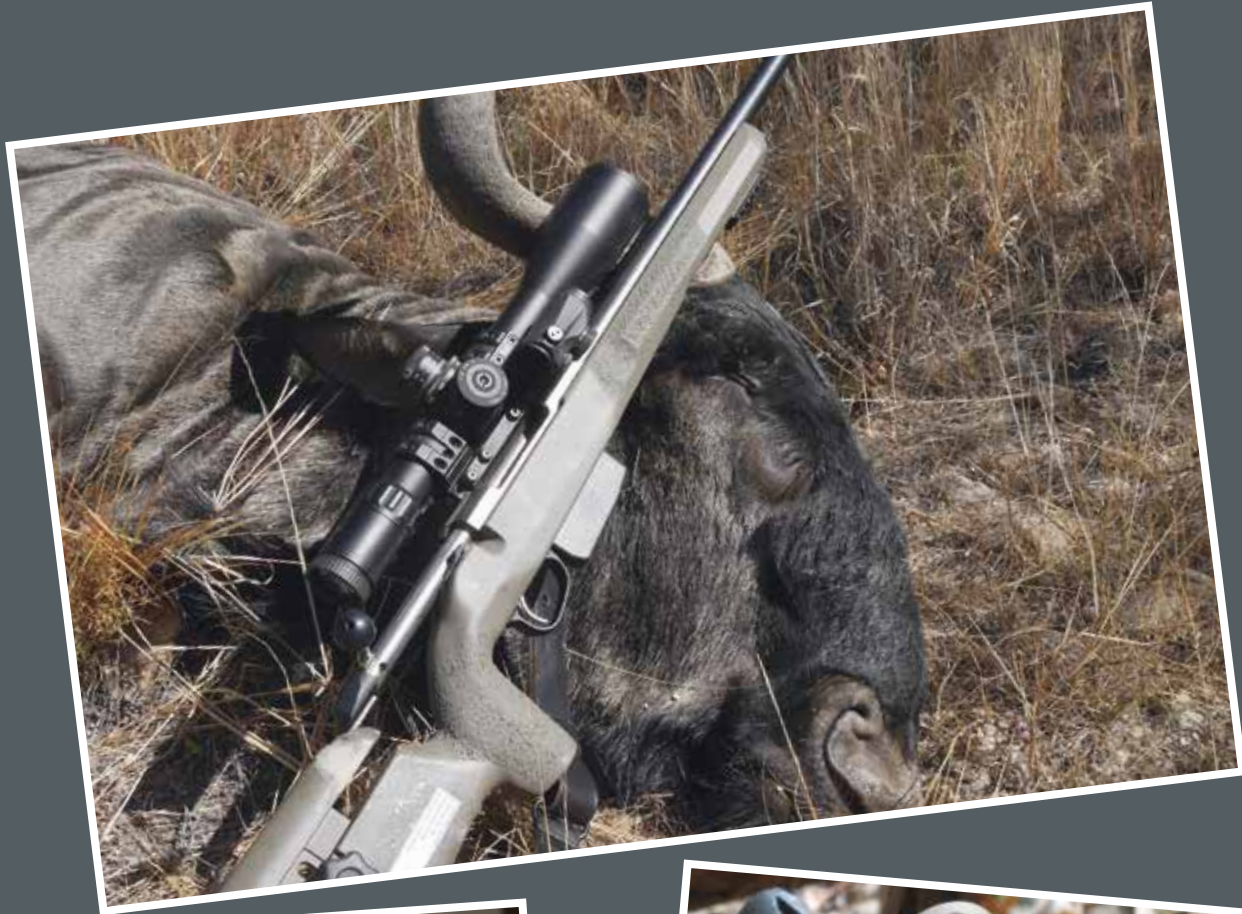


Our Weapon Upgrade Kits breathe new life into reliable workhorses like the HK G3 and MP5, enhancing their ergonomics and modularity for modern use.

Spuhr i Dalby AB is a trusted NATO supplier, delivering innovative and precision-engineered solutions to armed forces worldwide. Renowned for quality and reliability, we support military operations with cutting-edge products designed to meet the highest standards.

NCAGE code: A140N





THE SPUHR INTERFACE™

”No chain is stronger than its weakest link.” The Spuhr Interface™ is a lightweight, highly repeatable solution that allows accessories to be mounted securely, rattle-free, and with a perfect fit.

Instead of covering our products with extensive Picatinny rails—adding unnecessary weight and reducing comfort—we developed a compact interface with ”negative weight,” achieved by removing material to create the interface.

The system consists of a female component with two M4-threaded holes and dual conical surfaces, paired with a male component featuring corresponding conical surfaces. These components interlock securely with excellent repeatability and are fastened together using M4 screws.

Unlike alternative systems like KeyMod and M-LOK, the Spuhr Interface™ does not require clearance space behind the mounting surface. This versatility makes it suitable for applications such as ISMS™ scope mounts, magwells, and handguards—not just handguard use.

We offer a wide range of accessories for the Spuhr Interface™, including Picatinny rails and direct mounts for red dot sights such as Aimpoint Micro, Trijicon RMR, Docter, and Delta Point, as well as other specialized items. Direct mounts offer significant advantages, including superior strength, a lower profile, tighter connections, and reduced weight compared to Picatinny-based solutions.





SPUHR UPGRADES

Background

As new threats emerge, requirements, tactics, and equipment evolve. Consequently, reliable workhorses of the past often fall out of favor as new platforms and calibers rise in popularity. However, this does not mean that older systems have lost their value or cannot be upgraded to meet modern standards.

Economic aspects & Logistic benefits

Transitioning to a new weapon platform involves more than just the cost of acquiring new firearms. It also incurs significant logistical expenses, including replacing spare parts inventories—sometimes even ammunition—throughout the organization and retraining soldiers and armorers on the new system. Upgrading an existing, proven platform offers a far more cost-effective solution for organizations with limited budgets.

What we offer

Our upgrade kits initially focused on providing an improved top rail, forend, and magazine well for the HK G36, tailored for special operations. This success led to the development of upgrades for the HK417, MP5, and G3. Today, these kits are trusted by numerous European law enforcement and military units.



R-402 G3 Top Rail

NSN 1005-22-630-0398

The R-402 G3 Top Rail enables users to mount optics on the G3 battle rifle, enhancing its versatility for modern applications. Designed with the same smooth contours as our G36 and HK417 forends, the rail ensures easy handling and superior repeatability.



Stock design

One of the main drawbacks of the G3 rifle is its stock design, which was tailored for low iron sights. Due to the rifle's long receiver, the low iron sights necessitated a "hump" on the stock just behind the action. This feature, often referred to as the "cheekbone crusher," quickly earns its name from the discomfort it causes to most users.

R-410 G3 Stock Assembly

NSN 1005-22-630-0393 (Short Buffer)
NSN 1005-22-630-0394 (Heavy Buffer)

The R-410 G3 Stock Assembly enhances the user's ability to adopt an aggressive shooting stance, reducing felt recoil and improving control over the powerful G3 battle rifle. Its integrated cheek piece provides a comfortable head position when using optics, ensuring greater precision and ease of use. Additionally, the R-410 is compatible with HK55 carbines, further expanding its versatility.

HK G3 UPGRADES

The HK G3 is one of the Western world's most iconic battle rifles, renowned for its reliability and accuracy. However, its primary limitation lies in its long stock, originally designed for use with iron sights. This design makes the rifle less suited for modern shooting techniques, which prioritize compatibility with body armor and enhanced recoil control.

When the Swedish Armed Forces sought to upgrade their AK 4B—a domestically produced G3—with an adjustable stock and modular handguard as an interim solution while awaiting a carbine procurement, Spuhr secured the contract.

The resulting Swedish AK 4C and AK 4D (DMR) models provided a cost-effective solution, significantly enhancing the G3's ergonomics and adding much-needed modularity.

In 2019, the Portuguese Marines also turned to Spuhr for upgrading their G3 rifles after determining that our products were the only ones robust enough to withstand their rigorous testing.

R-401 G3 Forend

NSN 1005-22-630-0397

The R-401 G3 Forend is designed to closely match the original outline and weight of the HK plastic forend (190 grams / 6.7 oz). Constructed from high-grade aluminum, it features excellent ventilation to promote rapid barrel cooling.

The forend is equipped with Spuhr Interfaces along its length, enabling users to attach various accessories without adding unnecessary weight or creating sharp edges often associated with Picatinny handguards. This design ensures a lightweight, streamlined, and user-friendly solution.

In addition to its ergonomic design, the R-401 provides a comfortable grip, allowing shooters to adopt a modern hold for better recoil management. For enhanced functionality, we also offer an optional NV rail for night vision capability.



G3 Upgrade Solution

Our G3 upgrades enhance the rifle's ergonomics, modularity, and functionality while maintaining its reliability. *Key components include:*

- R-401 Modular Forend: Lightweight aluminum with Spuhr Interfaces for accessory attachment, excellent barrel ventilation, and improved grip for recoil management.
- R-402 Top Rail: Picatinny Gen2 rail for optic mounting, designed for ease of handling and superior repeatability.
- R-410 Adjustable Stock: 6-position synthetic stock with an integrated cheek piece for comfortable optics use, enabling optimal length-of-pull adjustment.

These upgrades modernize the G3 platform, making it a cost-effective, versatile, and high-performing solution for contemporary applications.



HK MP5/HK53 UPGRADES

The HK roller-delayed series of firearms has long been criticized for overly long stocks, which pose challenges for shorter users and those wearing body armor.

To address this issue, we developed a 6-position stock assembly with replaceable cheek pieces, accommodating various sighting solutions. This adjustable stock allows the length to be customized between 180–260 mm (7.09”–10.24”) and enables the cheek piece and butt plate to be raised by approximately 20 mm (0.8”).

These adjustments ensure the Length of Pull (LOP) can be tailored to the user’s clothing or physique, making the firearm more controllable and optimized for individual operators.

R-301 MP5 Forend

The R-301 MP5 Forend is a lightweight, modular solution designed with the same principles as our G3 forend. It provides improved functionality while maintaining a streamlined and ergonomic design. The R-301 is also compatible with the HK53. (NSN 1005-22-630-0395)

R-302 MP5 Top Rail

The R-302 MP5 Top Rail enables users to mount optics on the MP5, providing enhanced functionality. Like our G36 and HK417 forends, the rail features a smooth design for improved handling and excellent repeatability. (NSN 1005-22-630-0396)

We also offer a variety of top rails, including options with direct mounts for Aimpoint Micro and standard Picatinny rails. For more details, please contact your designated point of contact.





HK417 / MR308A1 UPGRADES

The HK417 was designed by HK as a more rigid and reliable piston-driven evolution of the AR platform. However, these improvements came at the cost of increased weight and the use of proprietary magazines. At the request of a specific unit, we were tasked with making the HK417 lighter and compatible with SR25-pattern magazines.

** Due to different geometry of the SR25-pattern magazines, our HK417 receivers will require modification to the upper receiver for proper function.*

R-200 HK417 Full-Auto / R-200S HK417 Semi-Auto Lower

Our solution involved redesigning the lower receiver and handguard. We developed two new lower receivers: the select-fire R-200 and the semi-auto R-200S. Both models feature ambidextrous controls, shielded magazine release buttons, non-rotating pins, and Spuhr Interfaces™ on the sides of the magwell for added versatility.

Spuhr® forends

We also developed two lightweight handguards, achieving a 25%–33% weight reduction compared to the original designs: the R-210 for 20” barrels and the R-211 for 16” barrels. These handguards feature Spuhr Interfaces™ on the sides, Picatinny Gen2 rails on the top and bottom, and mounting provisions for an underslung HK GLM, offering both functionality and reduced weight.

R-210 HK417 Long Forend 11.5”

The R-210 Long Forend is a lightweight, modular alternative to the factory Picatinny forend. It features our proprietary smooth Picatinny rails on the top and bottom, ensuring enhanced functionality and ease of use.



R-211 HK417 Short Forend 9.5”

The R-211 Short Forend is, like the R-210 Long Forend, a lightweight modular alternative to the factory Picatinny forend. As with the R-22 G36 Forend, the R-211 also has a smooth Picatinny rail designed for attaching an HK GLM.



Enhanced Lower



Light weight slim forend



HK G36 / SL8 UPGRADES

Our first upgrade kit was for the G36C, where we were tasked by a unit to reduce the weight, improve the iron sights and the ergonomics, and to make it compatible with “STANAG-pattern” magazines.

R-1 G36 Top Rail

We developed a new Picatinny Gen2 top rail – the R-1 – with a lower overall height (200 gram), integrated adjustable back-up iron sights, and a lowered section for using a night vision monocular behind a red dot sight. The sights are fitted with tritium inserts.

For those who prefer a full length rail without the lowered portion, there is a Picatinny spacer included (see picture below).

Please note that the Picatinny rail is heavily dehorned to prevent burrs etc. after heavy use. Also a way of saving the hands and fingers of the users.

Accessories, such as the Oerlikon LLM laser can be mounted on the top rail, rather than on the forend as to ensure that the point of aim will remain true even as the forend flexes and moves.

R-8 G36 Mag Conversion Kit

We also developed the R-8 ambidextrous magwell assembly with an extended bolt stop, allowing the use of standard “STANAG-pattern” M4/M16 magazines, and with a hidden storage compartment for a CR2032 or CR1/3N battery.

R-22 G36C Forend

We also developed the lightweight R-22 handguard, featuring a slimmer profile with Spuhr Interfaces™ along the top and sides, and a Picatinny Gen2 rail along the bottom, for mounting an underslung HK GLM.

We can also offer the R-23 forend for G36K and the R-24 for full-length G36E carbines.

With our interface system the user gets a flexible lightweight system with only advantages. The rest of the equipment is heavy enough.



Low profile Top rail with
High visibility back-up iron sights



Ambidextrous M16 magazine conversion





GRENADE LAUNCHER SIGHT MOUNT

Patented

Our **GR-series Grenade Launcher Sight Mounts (GLSM)** are designed to significantly improve the first-hit capability of 40mm launchers. When combined with NVGs and a red dot sight with night vision settings, the GR-series transforms the 40mm launcher into a fully 24-hour capable system.

Recognizing the variety of launchers and munitions available, the ballistic bow—at the core of the GLSM—is precisely manufactured to match the exterior ballistics of the specific launcher and ammunition specified by the customer.

The GR-series stands out for its ease of use and high accuracy, reducing the training time required to become proficient with 40mm systems. This efficiency also generates cost savings, as fewer grenades are needed for training.

GR-1000 HK GLM Mount, Tritium

The GR-1000 is our original Grenade Launcher Sight Mount, specifically designed to attach to the side of an HK GLM. Engineered for use with HE low-velocity munitions, the GR-1000 features a ballistic bow with range settings from 50 to 350 meters. For enhanced usability in low-light conditions, the rear of the ballistic bow is equipped with tritium inserts for the 100, 200, and 300-meter settings. *(GR-1010 Luminova version available).*

GR-1001 Mount for Side Picatinny, Tritium

NSN 1240-22-625-2185 (Tan color)
NSN 1005-22-624-9431 (Tan color w/ Aimpoint T1)
NSN 1240-15-206-0287 (Luminova)

The GR-1001 is designed to mount onto the side of a Picatinny forend or rail. Built for use with low-velocity HE munitions, it features a ballistic bow with range settings from 50 to 350 meters. For improved usability in low-light conditions, the rear of the ballistic bow includes tritium inserts for the 100, 200, and 300-meter range settings. *(GR-1011 Luminova version available).*

GR-1003 Grenade Launcher Sight Mount

The GR-1003, based on the GR-1001, was developed for the Swedish Armed Forces and is designed to mount onto the side of a Picatinny rail. It features an updated ballistic bow geometry, allowing for compatibility with larger accessories mounted on the side Picatinny interface.

The GR-1003 is designed for use with low-velocity HE munitions and features a ballistic bow with range settings from 50 to 350 meters. For enhanced usability in low-light conditions, the rear of the ballistic bow includes tritium inserts for the 100, 200, and 300-meter range settings.

GR-1004 Grenade Launcher Sight Mount

The GR-1004 Grenade Launcher Sight Mount (GLSM) combines our proven design with the ballistics for the M433 HEDP grenade.



Export Restrictions

In accordance with Swedish Law (1992:1300) about Military Equipment and Ordinance (1992:1303) about Military Equipment export of the GLSM requires an Export Permit issued by the Inspectorate of Strategic Products (ISP).



BALLISTIC ADJUSTABLE MOUNT - (BAM)

The SM-101QD Ballistic Adjustable Mount (BAM) is designed for quick distance compensation when using an Red-dot sight. Featuring dual knobs calibrated for distances from 200 to 1000 meters (depending on model and caliber), the BAM also supports attaching an Aimpoint 3X or 6X magnifier using an Aimpoint TwistMount or FlipMount ring for enhanced long-range accuracy.

The integrated Aimpoint Twist-/FlipMount base ensures that the red dot remains centered in the magnifier or night vision device as it moves parallel to the sight. This eliminates the need for hold-overs, allowing users to simply adjust the knob to the estimated distance and aim directly at the target. The BAM is effective for both machine guns and rifles.

Standard Versions:

- **600-meter version:** For 5.56 and 7.62 NATO.
- **800-meter version:** For 5.56 NATO. SM-101QD-2
- **1000-meter version:** For 7.62 NATO. SM-101QD-1, NSN 1005-22-639-7272

(Custom calibrations and distances are available upon request with a minimum order quantity.)

Additionally, the BAM can be configured to mount two red dot sights, each zeroed for a separate barrel on a machine gun. This allows the gunner to activate the sight corresponding to the active barrel, improving first-shot hit probability without the need for tracers.





DOUBLE SIGHT FOR MULTIPLE PURPOSE

Patented

Building on our experience with the SM-101QD Ballistic Adjustable Mount, we offer a fixed Dual Mount designed for mounting two red dot sights, each zeroed for a different cartridge.

This solution is particularly valuable for carbines chambered in .300 Blackout, where the firearm is used with both subsonic and supersonic cartridges. The Dual Mount addresses the differing Points-of-Impact, not only in the vertical plane but also in the horizontal plane, between these ammunition types.

To further compensate for the trajectory of subsonic cartridges—especially in very short barrels—the Dual Mount incorporates a 9 MIL/30 MOA tilt for enhanced accuracy.





ISMS™ - IDEAL SCOPE MOUNT SYSTEM™

Patented

Our extremely sturdy **scope mounts** and **separate rings** feature a built-in anti-cant level and multiple interface surfaces for accessory attachment. The 45-degree split-ring design ensures an unobstructed view of the turrets, combining durability and functionality for optimal performance.

The product line that established our global reputation. Our innovative design delivers lightweight, unobtrusive mounts and rings without compromising durability. Precision-milled from single billets of 7000-series aluminum, these mounts prevent scope damage caused by flex during heavy recoil or rough handling.

The rings are grooved internally to provide a better grip on the scope and support optional gluing if desired. Mounts are secured to the weapon using either M5 Torx 20 screws or two adjustable QDP levers, ensuring a firm and reliable connection.

For added convenience, each mount and ring set includes an indexing tool for quick and accurate installation. Our mounts are available in a wide range of diameters, heights, and tilts to suit diverse needs.

Spuhr Interfaces

Our scope mounts feature a minimum of seven **Spuhr Interfaces™** for attaching accessories directly to the mount or via Picatinny rail interfaces. A variety of interfaces are available for popular accessories such as laser rangefinders, angle cosine indicators, red dot sights, and night vision devices. Custom interfaces can also be developed to meet specific customer requirements.

One key advantage of our interface system is the ability to attach accessories like lasers and rangefinders directly to the scope mount, aligning them with the primary optics. This design ensures an undisturbed laser beam while maintaining optimal weight distribution near the weapon's center of balance.

The use of Laser Range Finders

Laser rangefinders from manufacturers such as Wilcox, Safran, Vortex, and Envision Tek have become essential tools for users. The optimal way to mount these devices is directly on the scope mount itself. Mounting them on the forend of the weapon introduces a significant risk of system flex, which can result in unintentional deviations and missed targets.



ISMS™ - IDEAL SCOPE MOUNT SYSTEM™

QDP Series

Originally designed for a USMC bid, the QDP series mounts provide the benefits of the ISMS™ system with adjustable quick-release levers instead of screws. The QDP series delivers excellent return-to-zero capability, maintaining the same functionality and durability as our standard mounts.



SEPARATE RINGS

We also offer separate rings for those who prefer them. The primary reason for this choice is that they are slightly lower than our unimounts.

The rings are available in two height options: 1" (25.4 mm) and 1.35" (34 mm), catering to a variety of user preferences and setups.

They feature built-in levels designed to assist with precise alignment. These levels are slightly smaller and less visible compared to those on the unimounts, offering a more streamlined appearance while maintaining functionality. Additionally, the dual vials integrated into the rear ring allow for versatile mounting, accommodating both right- and left-handed shooters with ease.

To ensure optimal installation and alignment, each set of rings comes with an A-0080/81 leveling kit. This kit is specifically designed to work seamlessly with our "wedge" leveling key, making the setup process both efficient and accurate.



Special made "Leveling kit" for Separate rings.
(Also sold separately art.nr: A-0080/81)



ACCESSORIES FOR SCOPE MOUNTS

A-0227 Angled Universal Interface



A-0227 with A-0228
Aimpoint Micro Side
Interface



Picatinny rail A-0037



Various Red Dot interface



Aimpoint A-0025



ACI Non-QD A-0023

An intermediary interface designed for attaching any of our accessory interfaces or Picatinny rails at a 20-degree angle relative to the side of an ISMS scope mount, SICS chassis, or similar setups. This versatile interface can also be mounted for left-handed configurations, ensuring adaptability for all users.

We offer a range of interfaces designed for attaching a variety of accessories, including angle cosine indicators (ACI), backup red dot sights, lasers, illuminators, night vision mounts, and more. These interfaces integrate seamlessly with our scope mounts while maintaining a minimal footprint.

With traditional mounts, such setups require sufficient space for additional rings on the scope tube, which is often unavailable. The Ideal Scope Mount System™ overcomes this limitation by incorporating interface surfaces directly onto the mount. This design allows for the attachment of accessories either via Picatinny rails or through direct interfaces, offering unparalleled versatility. Custom options can also be made to meet specific customer requirements.





Adapters for magnifiers

- Sig Sauer® JULIET RDM Plate A-0236
- EOTECH®/Steiner®/Trijicon®/Vortex® RDM Plate A-0237
- Holosun™ RDM Plate A-0238

** fits the RDM-40225 Modular Magnifier Yoke Assembly H57mm/2.25”*

Flip Mounts For Red Dot Sights

Patent pending

The world’s toughest Red Dot Sight mount—trusted and preferred by elite teams worldwide. Available in various height options, it is compatible with the Aimpoint Micro series, Steiner optics, SIG Romeo series, Trijicon MRO, and Vortex sights, ensuring a perfect fit for a wide range of professional applications. Cerakoted mounts are also available, offering enhanced durability and a sleek, professional finish to meet your specific needs.

- The Spuhr® RDF-20225K Aimpoint T-2 Magnifier Mount H57mm/2.25” PIC is a rugged mounting solution for using the Aimpoint® Micro® T-2™, CompM5™, and Micro® H-2™ with an Aimpoint® 3XMag™ Magnifier (will also fit the 3X-C™, 3XMAG-1™, and the 6XMAG-1™).
- The RDF-20225K consist of two major components: the RDF-20225 Aimpoint T-2/CompM5 Flip Mount Base H57mm/2.25” PIC and the RDM-20225 Magnifier Yoke Assembly.
- The magnifier can be rotated out of the way or – with the push of a button – removed completely when not in use. When used alone, the RDF-20225 mount will allow the use of standard-height iron sights.

Two main series:

RDF with magnifier yoke (ends with a K)/without magnifier yoke (no K)

- QDF-20153K Aimpoint T-2/Comp M5 Magnifier Mount QD H39mm/1.53” PIC, NSN 1005-22-639-7316
- QDF-20153 Aimpoint T-2/Comp M5 Flip Mount Base QD H39mm/1.53” PIC
- RDF-20225K Aimpoint T-2/Comp M5 Magnifier Mount H57mm/2.25” PIC, NSN 1005-22-639-7260
- RDF-20225 Aimpoint T-2/Comp M5 Flip Mount Base H57mm/2.25” PIC, 1005-22-639-7233
- RDF-20291K Aimpoint T-2/Comp M5 Magnifier Mount H74mm/2.91” PIC, NSN 1005-22-639-7264
- RDF-20291 Aimpoint T-2/Comp M5 Flip Mount Base H74mm/2.91” PIC, NSN 1005-22-639-7262

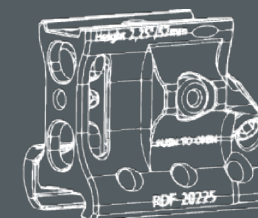
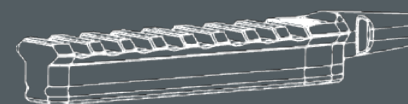
RD without integrated magnifier capability

- RD-20153 Aimpoint T-2/Comp M5 Mount H39mm/1.53” PIC, NSN 1005-22-639-7321
- RD-20165 Aimpoint T-2/Comp M5 Mount H42mm/1.65” PIC, NSN 1005-22-639-7323
- RD-20193 Aimpoint T-2/Comp M5 Mount H49mm/1.93” PIC, NSN 1005-22-639-7325
- RD-20225 Aimpoint T-2/Comp M5 Mount H57mm/2.25” PIC (*interface for Picatinny rail*), NSN 1005-22-639-7226
- RD-20291 Aimpoint T-2/Comp M5 Mount H74mm/2.91” PIC (*interface for Picatinny rail*), NSN 1005-22-639-7229

Accessories

- A-0056 Micro-to-ACRO Interface
- A-0229 Picatinny Rail 75 mm, RD/F
- A-0233 RD/RDF Backup Iron Sight

A-0229



A-0233





SPUHR HUNTING MOUNTS

Building on our ISMS™ series of mounts and rings, we are proud to introduce the Hunting Series—a collection of mounts, rings, and scope bases designed with a more traditional aesthetic. Despite the classic look, these products maintain the same exceptional durability, functionality, and meticulous attention to detail as our tactical mounts.

Three versions

- The Standard Hunting version features a Spuhr Interface on one ring, combining traditional design with enhanced versatility for mounting accessories.
- The Classic version is designed without any interfaces, offering a clean and traditional look while maintaining exceptional performance.
- The Interface version is equipped with Spuhr Interfaces on both rings, providing maximum versatility for mounting accessories while maintaining robust performance and design.

Models

We manufacture unimounts compatible with Picatinny rails, as well as for Sako TRG and Tikka T3/T3x systems.

We also offer standalone hunting rings designed for both Picatinny and Weaver rails.





SICS - Spuhr Ideal Chassis System

Patented

"it's all about eye relief"

We began with adjustability, enhanced it with modularity and stability, and brought it all together with our passion for innovation and unwavering commitment to quality.

This is SICS™

Drawing on a lifetime of shooting experience and decades of expertise in design and manufacturing, we are proud to introduce the Spuhr® Ideal Chassis System™ (SICS™ – pronounced “six”) following two years of dedicated development.



1. Adjustability

A hard truth about marksmanship is that your equipment is only as effective as its fit. Even the best gear in the world won’t enhance your performance if it doesn’t align with your physique or shooting style. In fact, poor fit can work against you.

At Spuhr®, we believe that every element of your setup should work together seamlessly, just like a well-coordinated team. That’s why, when designing the Spuhr® Ideal Chassis System™ (SICS™), we made adjustability our top priority—ensuring you achieve the perfect fit for maximum performance.

Pistol Grip

The SICS™ features a proprietary pistol grip, ergonomically designed to accommodate a wide range of hand sizes while minimizing tension during prolonged trigger engagement. The grip is rubberized for a secure, non-slip hold and is adjustable for length-of-pull to ensure optimal comfort and control.

Length-Of-Pull

The stock assembly enables rapid, tool-free length-of-pull (LOP) adjustment by simply pinching the LOP levers and sliding the LOP Bar and Butt Plate Assembly to the desired position. The system offers a total range of 50 mm (1.97”) for quick adjustments, with the option to use spacers to extend the LOP further.

For added convenience, the LOP Bar can also be configured with preset stops at minimum and maximum positions, allowing users to quickly achieve a proper firing stance or position with consistent accuracy.



Cheek Piece

The rubberized cheek piece is fully adjustable for both height and lengthwise positioning. Height adjustments are easily made using a convenient wing nut on the side of the cheek piece slide, while lengthwise adjustments require a Torx 20 key for precise customization.

Butt Plate Height

The Butt Plate Assembly, equipped with a Limbsaver® Airtech® recoil pad, allows for rapid, tool-free height adjustment. By pressing the Butt Plate Locking Button, the Butt Plate Assembly can be smoothly slid to the desired position.

The adjustment range offers a total span of 30 mm (1.18”) for enhanced customization and comfort.



2. Modularity

Adjustability extends into modularity. Modularity empowers you to tailor your SICS™ to meet your specific needs, creating a tool that not only works seamlessly with you but also evolves over time or adapts to different purposes.

Spuhr® Interface™

The Spuhr Ideal Chassis System™ incorporates one of the defining features of the Spuhr Ideal Scope Mount System™: the Spuhr Interface™.

This systemic approach integrates the Spuhr Interface™ into the SICS™, allowing users to fully configure their rifle to meet their specific needs. Accessories can seamlessly transition between the scope mount and the chassis, enabling users to achieve the optimal setup for any intended application.

The Spuhr Interface™ features a male and female connection system with circular grooves and ridges that mate precisely around an M4 screw. This innovative design eliminates sharp edges and ensures the best repeatability on the market, delivering consistent performance and reliability.

Forend

The SICS™ 16” standard forend features an integrated Arca Swiss® rail, providing compatibility with a wide range of commonly available bipod and tripod solutions. Additionally, the SICS™ can be outfitted with forends of varying lengths to accommodate user-specific requirements.

All SICS™ forends include a short Picatinny Gen2 rail, allowing users to attach a bipod or other third-party accessories to the chassis seamlessly.

Bag Riders

The Folding Stock Assembly includes a fixed-height, exchangeable bag rider (visible on the right in the picture), which features Spuhr Interfaces™ on its bottom surface. These interfaces allow for the attachment of butt spikes and other accessories, enhancing versatility and functionality.



3. Stability

The third key feature of the SICS™ is stability. While we could have called this precision, it's important to note that precision is primarily the responsibility of the barrel and action.

Our chassis is designed to deliver exceptional stability and rigidity, providing the solid foundation necessary for a highly accurate rifle system. By offering a robust platform for the barreled action, the SICS™ ensures superior performance and consistency.

Chassis Body

The SICS™ is built around a rigid chassis body machined from a single billet of 7000-series aircraft aluminum, featuring an extended tenon for enhanced forend support. The exterior sides of the magwell area are equipped with Spuhr Interfaces™, enabling easy attachment of accessories for added versatility.

Forend

The Modular Forend, secured to the chassis body with nine M6 fasteners, is machined from a single piece of aircraft-grade aluminum. Its tubular design enhances rigidity and stability, ensuring optimal performance.

Folding Stock Assembly

The Folding Stock Assembly is equipped with an adjustable locking mechanism, providing a secure and rock-solid lockup for enhanced stability and reliability.





LIGHTWEIGHT FLEXIBLE NVG MOUNT



This innovative product enables the user to seamlessly switch between mounting one or two monoculars, and back again, as needed.

The mount is designed for maximum stability and quiet operation, with no rattling or loose parts. Its flexibility allows for multiple adjustments, including tilt, eye width, and eye relief, all of which can be fine-tuned within seconds.

For users who prefer to mount their right-eye monocular on a firearm, the monocular can be securely transferred between the head and the weapon in just moments.

The Head Mount/Helmet Mount features a quick interface with adjustment memory, enabling the entire system, including goggles, to be swiftly transferred between the helmet and head without the need to readjust settings.

Some operators prefer to parachute without mounted goggles to avoid entanglement with parachute risers. With the lightweight and flexible NVG Mount, operators can maintain a clean helmet during descent and securely mount the goggles within seconds after releasing the parachute—without requiring any further adjustments.

Goggle fit

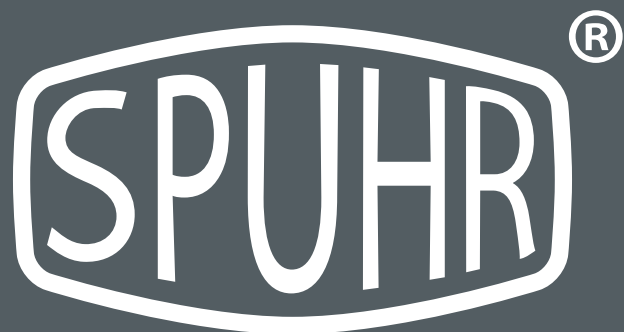
The Lightweight Flexible NVG Mount is optimally designed for use with Insight MUM-14 and Vectronix systems. However, it is also compatible with other monoculars, including the ITT PVS-14, Qioptiq models, and Theon systems, ensuring versatility and ease of use.

Strap system

The strap system for the Head Mount, developed by Snigel Design, is widely regarded as one of the best-designed systems on the market. It offers exceptional comfort and adaptability to accommodate a wide variety of head shapes.

The Head Mount stays securely in place without causing strain or excessive pressure, effectively preventing the headaches and neck pain often associated with prolonged use of head-mounted NVGs.

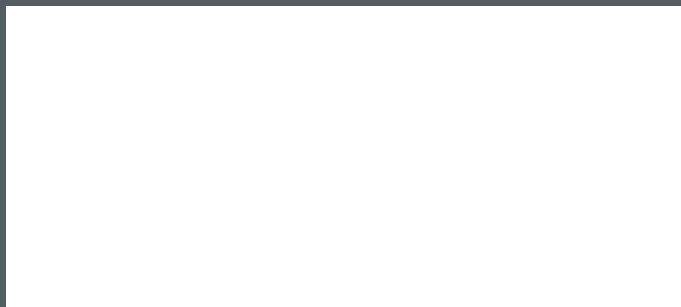




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