



THE HOME OF INNOVATION





What we do

Our mission is to produce innovative solutions containing a minimum of parts. We never copy the designs of other manufacturers as there is always a need for improvement. 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 the scope as well as accessories such as back-up sights, NV, lasers and cosine indicators.

We also made our scope mounts sturdier than any competing product, invented a new system for aligning the scope's rotation in the mount, and constructed it so that the adjustment knobs are more visible than on probably

any other mount. This means that you can check your adjustments almost without moving your head. Convenient on the range for sure, but a life-saver if you are a deployed sniper who is checking your values when in hide.

Another good example of our innovative products is our 40 mm Grenade Launcher Sight Mounts. Most grenade launcher sights have the readings on the side, whereby the soldier is unable to read the distance settings while aiming. We have made a sight mount where the soldier can see and adjust the range setting while still in the shooting position. With the Tritium inserts or luminous paint, and using an RDS with night vision settings, ensures that any adjustments can be done in low-light conditions as well. Our humble experience tells us that combat environments have a tendency not to be optimally lit. Our many customers at the tip of the spear around the world tell us that we are right.

Materials

Using the very best materials and coatings ensure the products a very long life and that little extra that is needed to perform under the worst conditions.

All products featuring the Spuhr™ name are intended for the most difficult missions and severe circumstances.

History

Spuhr i Dalby AB started in 2007 when Håkan Spuhr worked as a gunsmith and created some solutions for Aimpoint. The TwistMount and the MPS mount are two products from that collaboration. Words spread about the gunsmith with the extraordinary solutions, and soon some military units asked for Håkan's help – one thing leading to another.

Today we work with a number of armed forces around the world as well as various manufacturers. Some products are the results of military needs for new solutions, while other products, such as the Ideal Scope Mounts System (ISMS™), are the results of our own shooting and hunting experience.

We produce 99% of our products in our own factory in Sweden. This gives us maximum control over the production to achieve the highest precision and quality.



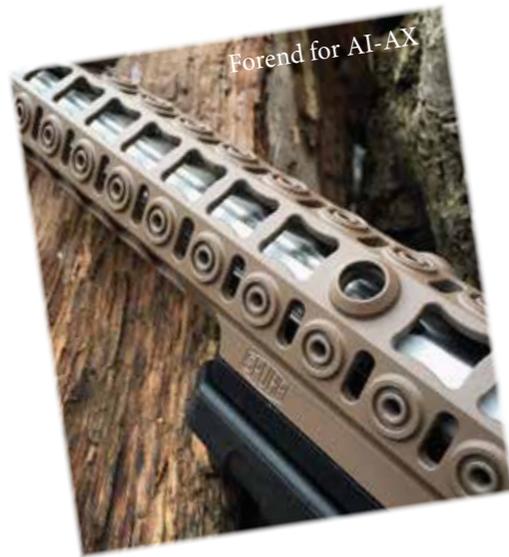
THE SPUHR INTERFACE™

No chain is stronger than its weakest link. The Spuhr® Interface is a light-weight highly repeatable interface solution that enables the user to mount accessories absolutely rattle-free with perfect fit.

Instead of fitting our products with yards of Picatinny rails adding a lot of material and undesired weight, while making them less comfortable to hold onto, we decided to make a small interface that has no weight – in fact, it has a negative weight as we remove material to create the interface.

The interface consists of a female part consisting of two M4-threaded holes with dual conical surfaces and male part with corresponding conical surfaces that mate into the female part. These conical surfaces will hold the two items very securely with excellent repeatability. The male and female parts are secured together using M4 screws.

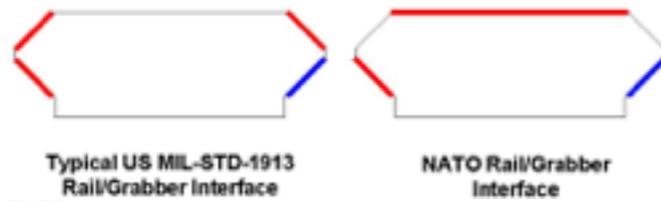
We manufacture a broad range of accessories for the Spuhr® Interface, such as Picatinny rails, direct mounts for various sights, such as Aimpoint Micro, Trijicon RMR, Docter, and Delta Point, and other special items. The direct mount has the advantage of being stronger and sturdier than if using a Picatinny in between the two. It also has a lower profile and tighter mounting, and most importantly – *A lower weight.*



THE PICATINNY RAIL STANDARD

Rail Dimensions

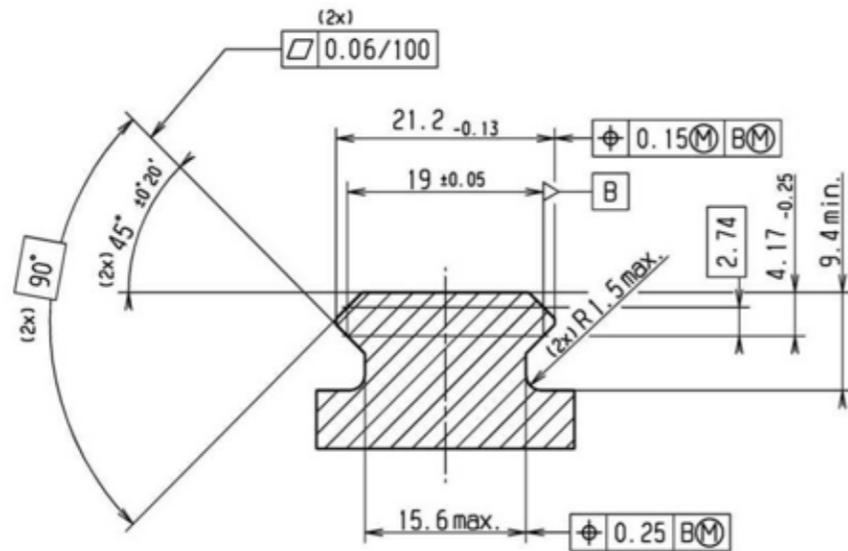
MIL-STD-1913, which was published in 1995, specifies that accessories should clamp onto the four angled surfaces on the sides of the rail while STANAG 4694, which replaced MIL-STD-1913/STANAG 2324 in 2008 (and which added tighter tolerances for the straightness of the rail,) specifies that accessories should clamp onto the bottom angled surfaces and the flat top of the rail.



1 Image courtesy of Per Arvidsson, FMV

All things being equal either mode of clamping onto the rail works and one cannot be said to be better than the other.

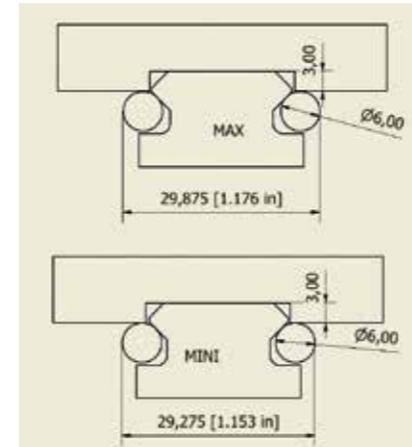
However, there is a problem with the specified tolerances in both standards.



2 Original STANAG 4694 "NATO Rail" specification

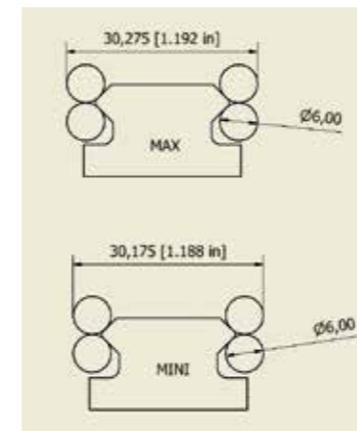
The issue is the tolerances specified for the measurement between the top of the rail and the index point on the bottom angled surface of the NATO rail (which is specified as 4.17 -0.25mm in figure 2 above). The tolerance is such that, between the lines, the creators are saying, "we don't care where the top flat is". The functional result is of this tolerance is that the width of the NATO rail can vary with 0.6 mm/.023" – which is significant when using the NATO rail 3-point clamping method.

If you have a non-adjustable QD mount that you want to be able to move from one rail to another it may not fit all NATO rails – even if both the mount and the rail are within the allowed tolerances. When using adjustable QD mounts this means you will most likely have to adjust the tension every time you move the mount from one rail to another.



3 NATO Rail max & min widths

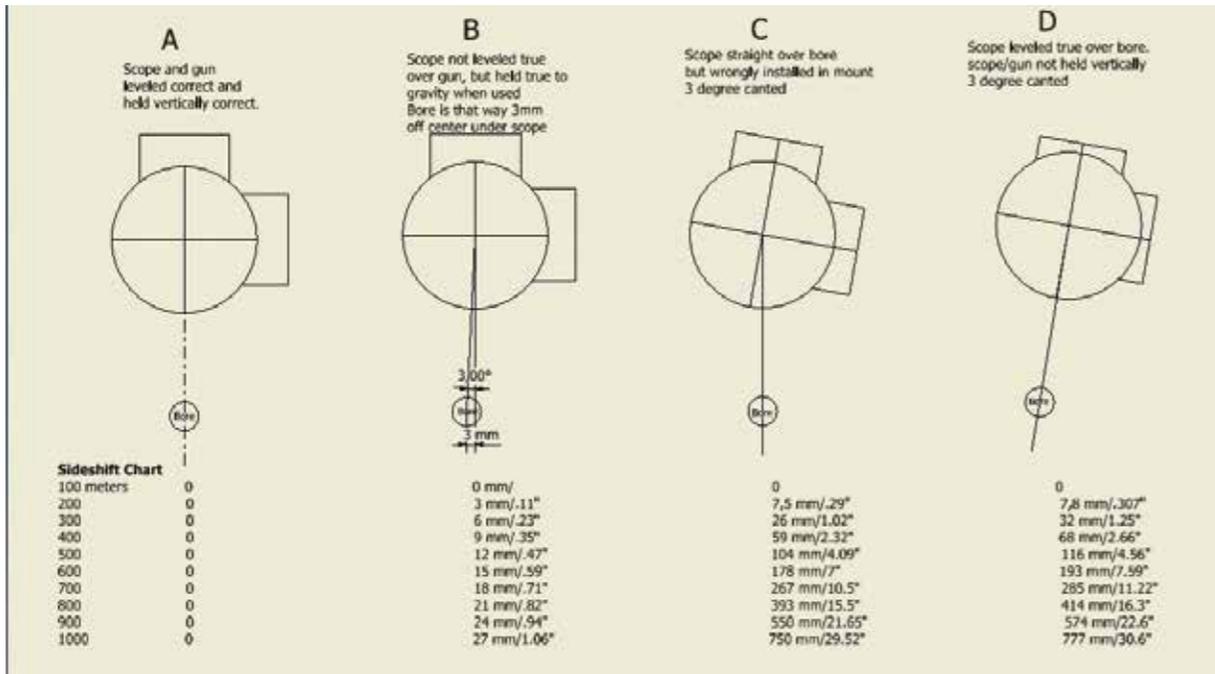
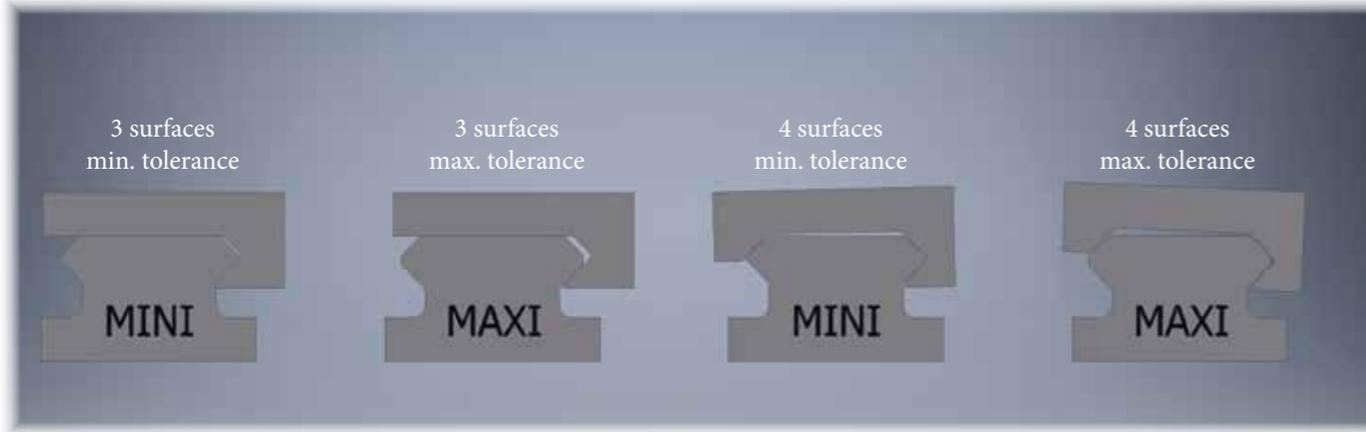
By comparison, when using the original Mil-STD-1913 specifications the width of the rail can only vary a total of 0.1 mm/.004". Functionally, this means a QD mount can most likely be moved between different rails without the need of adjusting the tension screws of the mount.



4 Picatinny Rail max & min widths

Due to the facts outlined above we are using the old Mil-STD-1913 clamping method for our QDP mounts, while we are using the more modern STANAG 4694 recommendation for our fixed mounts. There are pros and cons in both cases...

Pictured below you can see what happens when a mount is mounted on a narrow vs wide rail (the amount of sideway cant is exaggerated for illustration purposes). This small sideway cant has no functional effect as long as the scope is aligned with the gravitational pull of the Earth when the rifle is fired, but for the individual who is really picky and fill his gun with bubble levels and trying to mount everything extremely straight this will be an eyesore and they should choose a fixed mount instead.



e.g. .308 win, zero at 100 m, spindrift not calculated

PICATINNY GEN2

Since it's standardization in 1995 the MIL-STD-1913 "Picatinny Rail" has been the primary way of enabling the attachment of optics and accessories to firearms.

Though secure and simple to use the Picatinny Rail has a few drawbacks: the many sharp edges make it uncomfortable to hold onto and susceptible to wear and damage that prevent accessories from being attached correctly with any dependable repeatability. Despite this, the Picatinny is still the world standard for attaching accessories.

There is however no reason for a Picatinny rail to be sharp and uncomfortable. Our Picatinny Gen2 features properly dehorned edges for improved repeatability and a smooth touch.



Based on several years of experience designing and manufacturing handguards for various firearms – and a vast number of accessories for our ISMS™ scope mounts (using our Spuhr Interface) – we are now also launching a line of scope bases using our Picatinny Gen2 design.

As always, using high grade aircraft aluminum we combine strength and durability with low weight. For added recoil management the bases can be pinned to the receiver using a 3/32" or 2.5 mm steel pin.



ISMS™ - IDEAL SCOPE MOUNT SYSTEM™

US Patent No. 8,733,011 B2 & EU Patent EP 3,062,060 A1 Pending

Extremely sturdy scope mount with multiple interface surfaces for accessories. 45-degree split of the rings provides unobstructed view of the turrets. Built-in level.

The product line that made us a world-wide name. Our unique design allows for a lightweight and less obtrusive design while being highly durable. The mount body is milled from a single billet of 7075 T651 aluminum and will prevent damage to the scope from flex during heavy recoil or rough handling. The rings are grooved on the inside for a better grip of the scope and to enable gluing of the scope. The mounts are secured to weapon using a minimum of four M5 Torx 20 screws.

Spuhr Interfaces

Our scope mounts have a minimum of seven Spuhr Interfaces for accessories, making it possible to attach accessories either by direct interfaces to the mount or by using Picatinny rail interfaces. A selection of interfaces for popular accessories, such as angle cosine indicators, back up sights, and night vision, are available, and others can be made to customer specifications. Our interface system allows accessories such as lasers and range finders to be easily attached to the scope mount, providing the advantage of an undisturbed laser beam while having the weight close to the weapons center of balance. With ISMS™, in a sniper pair, the sniper and the spotter can easily share equipment and accessories if both rifles are fitted with ISMS™ mounts even if they use different optics.

Accessible and readable dials

The rings are cut at 45 degrees instead of horizontally, providing several advantages: the screws holding the parts together are not obscuring the elevation and windage turrets, thus the shooter can quickly determine the settings without moving off scope.

It also provides a horizontal reference line helping the shooter subconsciously to avoid canting the rifle to the side. The rear ring has index marks on the top and right side, making low turrets more easily readable.



ISMS™ - IDEAL SCOPE MOUNT SYSTEM™

Tilt

Our mounts are available with several different tilts such as 3 MIL/10 MOA, 6 MIL/20 MOA, 9 MIL/30 MOA, and 13 MIL/44 MOA. The mounts are clearly engraved with the tilt in both MIL and MOA.



Scope rotation

Innovative solution for indexing the rotation of the scope, using the included tool/gauge to index the scope correctly to the mount and gun. This is very important since if the scope is not properly indexed there will be an unintended lateral shift of the point of impact whenever the elevation is adjusted.



Level

Most of our mount models have a level fitted into the rear of the mount.





ISMS™ - IDEAL SCOPE MOUNT SYSTEM™

QDP Series

Originally designed for an USMC bid, the QDP series of mounts offer the ISMS™ with adjustable quick release levers instead of screws. The QDP series offer excellent return to zero and the same functionality and durability as our regular mounts.





SEPARATE RINGS

Patented

We also make separate rings for those who prefer them, the main reason would be because they are somewhat lower than our unimounts.

The rings are available in 1" (25.4 mm) and 1.35" (34 mm) heights.

They also feature built-in levels, that is somewhat smaller and not as visible as on the unimounts. The dual vials in the rear ring allow the rings to be mounted for either right or lefthanded shooters.

To allow the use of our "wedge" leveling key an A-0080/81 leveling kit is included with the rings.



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



We produce Accessory kit's to customer specifications



Picatinny rail A-0037



Various Red Dot interface



Aimpoint A-0025



ACI Non-QD A-0023

ACCESSORIES

We offer interfaces for attaching a variety of accessories such as angle cosine indicators (ACI), back up Red Dot Sights, lasers, illuminators, night vision mounts, etc. to our scope mounts with a minimal "footprint". With traditional mounts this can only be achieved if there is sufficient space for additional rings on the scope tube, which there rarely is. The Ideal Scope Mount System™ have interface surfaces directly on the mount, making it possible to mount accessories either by Picatinny rails or as direct interfaces. Selections of interfaces for popular accessories are available, and others can be made to customer specifications.

One often overlooked accessory is a red dot sight mounted as a secondary sight on sniper rifles. So, why use Red Dot Sights on Sniper Rifles?

There are three basic reasons why:

1. As a fast acquisition sight for short distances. For example when engaging a target at 500 meters and a new target appears at 50 meters. It is faster to engage the new target with the red dot sight than with the primary sight cranked up at high magnification (or to adjust the latter).
2. You are engaging or spotting through your rifle scope set at 12x magnification and you have to quickly engage another target at 400 meters. It might be difficult to find the new target at 12x but using the red dot and as a finder-scope, you can then easily transition back to your primary optics and be on target.
3. As a back-up optical sight if your primary optics fail.

DR-BURRIS A-0011b



Aimpoint A-0025



Trijicon RMR A-0010



Wilcox RAPSTAR-S mounted on A-0029C



ACI Non-QD A-0023



Eric Hsueh ©

ACCESSORIES FOR SCOPE MOUNTS

A-700 NV Clip-On Adapter

The A-700 NV Clip-On Adapter allows the user to position a clip-on image intensifier in front of – and aligned with – the primary optics of the weapon. The user can adjust the angle of the A-700 from 0 to 13 MIL (0 to 44.4 MOA) as to achieve the same tilt as the ISMS mount the A-700 is being attached to. This minimizes the optical distortion between the image intensifier and the primary optic – thus maximizing target identification and hit probability.



The A-700 is designed for use with the SP-01 and SP-02 non-cantilever series of mounts and should not be used on rifles with heavy recoil (rifles with calibers larger than 7.62 NATO).



Red Dot Sight Mounts

The world's toughest Red Dot Sight mounts – the preferred choice by the elite teams. Models available in various heights for Aimpoint Micro series, SIG Romeo series, Trijicon MRO, and Vortex Razor HD. Available both as fixed mounts & as QDP mounts.

The SM-series of Aimpoint & MRO mounts was designed to be the most rugged mount possible. The mount consists of the mount body, a rail clamp, a set of clamping screws with washers and screws for attaching the Aimpoint to the mount.

Some of the models have a set of Spuhr interfaces on the opposite side from the rail clamp. These can be used to affix various accessories as needed.



QDP MODELS

- QDM-2001** Aimpoint T2 Mount, 30 mm/1.18" QD
- QDM-2002** Aimpoint T2 Mount, Absolute, 38 mm/1.5" QD
- QDM-2002B** Aimpoint T2 Mount, Lower 1/3, 42 mm/1.65" QD
- QDM-3001** Trijicon MRO Mount, 30 mm/1.18" QD
- QDM-3002** Trijicon MRO Mount, Absolute, 38 mm/1.5" QD
- QDM-3002B** Trijicon MRO Mount, Lower 1/3, 42 mm/1.65" QD

FIXED MODELS

- SM-1900** Aimpoint T2 Mount, 22 mm/0.866"
- SM-2001** Aimpoint T2 Mount, 30 mm/1.18"
- SM-2007** Aimpoint T2 Mount, Absolute, 38 mm/1.5"
- SM-2007B** Aimpoint T2 Mount, Lower 1/3, 42 mm/1.65"
- SM-3002** Trijicon MRO Mount, Absolute, 38 mm/1.5"
- SM-3002B** Trijicon MRO Mount, Lower 1/3, 42 mm/1.65"



BALLISTIC ADJUSTABLE MOUNT - (BAM)

Patent pending

Designed to provide a quick way of compensating for distance when shooting with an Aimpoint CompM4, the SM-101 Ballistic Adjustable Mount – also known as the BAM – features dual knobs calibrated for various distances from 200 to 1000 meters (depending on model and caliber) and provisions for attaching an Aimpoint 3X or 6X magnifier in an Aimpoint TwistMount ring behind the sight for enhanced accuracy at longer ranges.

As the integrated Aimpoint TwistMount moves parallel with the sight the Aimpoint dot will always be centered in the magnifier or NV device that's attached.

The BAM allows for faster time onto target as the user does not have to worry about using the correct hold-over – just ratchet the knob to the estimated distance and aim into the target.

This product works equally well both for machineguns and rifles.

The standard version of the BAM is the SM-101QD, which features an adjustable quick release lever and is calibrated for 5.56 and 7.62 NATO. (The BAM can be customer specified with other distances - MOQ)





DUAL POSITION ACCESSORY MOUNT

SM-100 Dual Position Accessory Mount

NSN 1240-13-122-1843

Designed for different use e.g. with an Aimpoint 3X or 6X on the Aimpoint MPS2 and MPS3, providing greater accuracy when shooting at longer distances.

Our Dual Position Accessory Mount is a patented construction that gives the user a possibility to use various optical devices in dual position. It could be a camera, Night vision google behind a spotting scope, a magnifier or a Night vision google behind a sight.

The general idea is that the device can be used in both positions. Our device can with a camera take overview photos when mounted on top of the spotting scope or it can be folded down to take detailed photos through the scope. With a magnifier, it can be used as an observation device on top of the sight, and it can be folded down to provide magnification through the sight.

The mount itself consists of very few parts and can be mounted on either the top of a picatinny rail or on the side of the main optic. It could also be delivered with customer made mounts suitable for their optics and needs.



SM-100 with the Aimpoint MPS

”add night capacity to your 40 mm”



GRENADE LAUNCHER SIGHT MOUNT

Patent pending

Our GR-series of Grenade Launcher Sight Mounts was designed to increase the first hit capability of 40mm launchers – and in combination with NVGs and a Red Dot Sight with night vision settings – the GR-series turns the 40mm launcher into a 24-hour capable system.

As there are many different launchers and munitions on the market, the ballistic bow – the heart of the GLSM – is manufactured to match the exterior ballistics of the customer specified launcher and unit. Thanks to its ease of use and high accuracy, the GR-series effectively shortens the length of training needed to become proficient with the 40mm system, while at the same time providing cost savings as fewer grenades will be needed to complete training.

GR-1000 HK GLM Mount, Tritium

The GR-1000 is our original Grenade Launcher Sight Mount, designed to attach to the side of an HK GLM. Designed to be used with HE low velocity munitions, the GR-1000 has a ballistic bow with range settings from 50 to 350 meters.

The rear of the ballistic bow has tritium inserts for 100, 200, and 300 meters.
(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 attach to be mounted on the side of a Picatinny forend/rail. Designed to be used with low velocity HE munitions, the GR-1001 has a ballistic bow with range settings from 50 to 350 meters. The rear of the ballistic bow has tritium inserts for 100, 200, and 300 meters.
(GR-1011 Luminova version available).

GR-1002 Double Mount for Top Picatinny, Tritium

NSN 1005-22-613-9492 (Tan color w/ Aimpoint T1)

The GR-1002 is designed to combine the mount for the primary red dot sight with the GLSM. The GR-1002 is therefore designed to attach to a Picatinny top rail.

(GR-1002 Double Mount for Top Picatinny) continue

Designed to be used with low velocity HE munitions, the GR-1001 has a ballistic bow with range settings from 50 to 350 meters. The rear of the ballistic bow has tritium inserts for 100, 200, and 300 meters.
(GR-1012 Luminova version available).

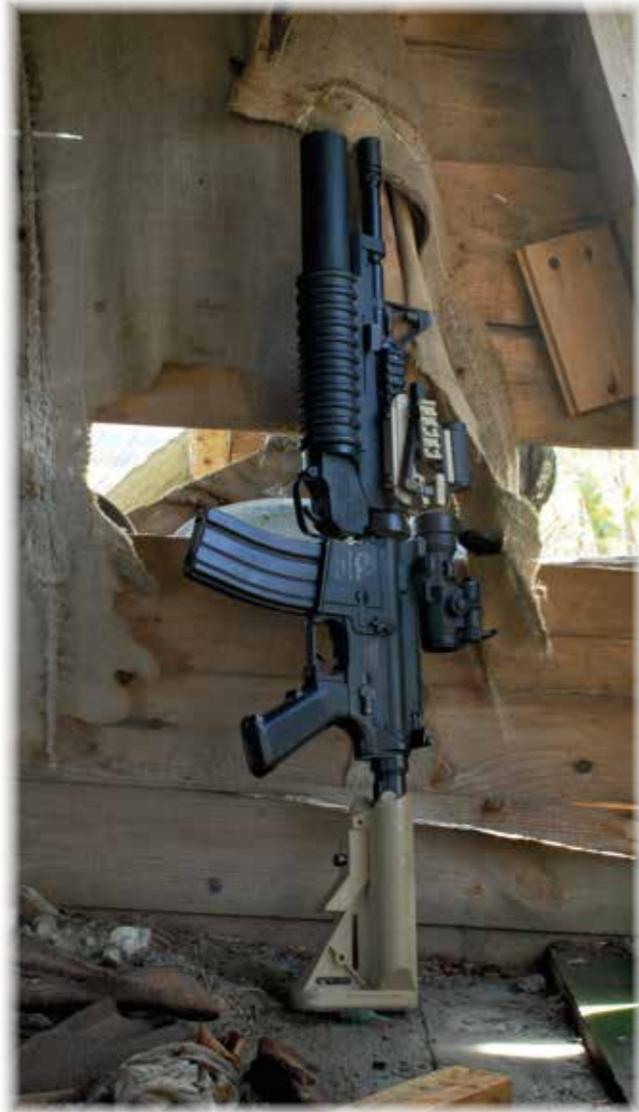
GR-1003 Quadrant Sight 40 mm Mount

The GR-1003, which is based on the GR-1001, was developed for the Swedish Armed Forces, and is designed to attach to be mounted on the side of a Picatinny rail. The GR-1003 features an updated geometry of the ballistic bow, which allows for the use of larger accessories on the side mounted Picatinny interface.

Designed to be used with low velocity HE munitions, the GR-1001 has a ballistic bow with range settings from 50 to 350 meters. The rear of the ballistic bow has tritium inserts for 100, 200, and 300 meters.

GRENADE LAUNCHER SIGHT MOUNT

ACCESSORIES



A-0002 Picatinny Rail 8x55 mm

NSN 1005-22-627-7510

The A-0002 Picatinny Rail allows any Red Dot Sight with a MIL-STD-1913 or STANAG 4694 clamp to be used on the GLSM. The A-0002 is also a standard accessory with our various forend solutions.

A-0011 Docter/Burris Interface

NSN 1240-22-623-8872

NSN 1240-22-625-6640 (Tan color)

The A-0011 DR/Burris Interface allows a Docter, Burris FastFire, or Vortex Venom red dot sight to be used on the GLSM. The A-0011 is also a standard accessory with our Ideal Scope Mount System.

GR-1101B Aimpoint Interface

NSN 1240-22-625-2211 (Tan color)

The GR-1101B is an interface with Spuhr Interfaces, designed to hold an Aimpoint Micro to the top of a GLSM in a slight offset, as to position the Aimpoint centered above the GLSM.

GR-1101C Aimpoint Angled Interface

NSN 1240-22-625-2252 (Tan color)

The GR-1101C is bracket interface with Spuhr Interfaces, designed to hold an Aimpoint Micro to the top of a GLSM and allowing the user to configure the mount to be attached to either the left or the right side of the weapon. When configured for left-side mounting the GR-1101C will hold the Aimpoint at a 90-degree angle so that the illumination can be easily accessed on top. When the GLSM is mounted to the right side of the firearm the GR-1101C will allow the Aimpoint to be oriented in a normal position with the illumination on the right.

R-1610 M203 Handguard

The R-1610 M203 Handguard was developed for the Swedish Armed Forces to provide a more secure mounting platform for the GR-1003 on a M203 GLM mounted on the Swedish AK 5C carbine (FN FNC clone). The two steel side plates feature Spuhr Interfaces and allow the user to add mission specific accessories.

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).

Furthermore, prior to providing any technical information or quotations, the end-user must be pre-approved by the ISP to receive any such materials.

”dual or mono? - 2 seconds away”



LIGHTWEIGHT FLEXIBLE NVG MOUNT

The NV Monoculars can within seconds be mounted or dismounted, all depending on the users needs. The user can choose to use one or two monoculars, and change instantly when he needs to.

The monocular can very quickly be moved from head to gun.

This innovative product allows the user to change from having one to two monoculars mounted, and back again, as the need arises. The mount is very stable and quiet, with no rattling or shaking parts. The mount is very flexible with multiple adjustments and settings, and can be adjusted for tilt, eye width and/or eye-relief within seconds.

For the user who likes to use his right-eye monocular mounted on his firearm, the monocular can be securely moved from the head to the gun or back again within seconds.

The Head Mount/Helmet Mount has a quick interface with adjustment memory, giving the user the possibility to quickly transfer the whole system with goggles from his helmet to his head (or back) if the situation warrants it.

Some operators prefer to parachute without goggles mounted, opting to mount them only after releasing the parachute, as to prevent the goggles from getting tangled in the risers. With the Light-weight Flexible NVG Mount the operator can keep a clean helmet during descent and within seconds of releasing the parachute have the goggles securely mounted without any need to readjust any settings!

Strap system

The strap system for the Head Mount is developed by the company Snigel Design and is probably the best designed strap system on the market, providing the highest comfort for the greatest variety of head shapes possible. The Head Mount stays in place without any strain or excessive pressure, preventing the commonly experienced headaches and neck pains associated with extended wearing of head-mounted NVG's.

Goggle fit

The Light-weight Flexible NVG Mount is ideally used with Insight MUM-14 types or Vectronix systems, but other monoculars such as the ITT PVS-14, Qioptiqs and the Theon can easily be mounted as well.

Interface for other system

We produce an interface for the Wilcox system, that makes it possible to use our advanced NV system on a helmet mount from Wilcox.



Lightweight & Adaptable forend



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



Ambidextrous M16 magazine conversion

HK G36 / SL8 UPGRADES

For the past couple of year we have worked on an upgrade kit for the G36. With the Spuhr® upgrade kit this well-functioning weapon gets a modern touch and readies it for additional years in service.

The project goals were to lower the weight, add professional back-up iron sights, and a lower top-rail, and of course add the capability of using standard M4/M16 magazines.

R-1 G36 Top Rail

The R-1 Top Rail is very strong even though it only weighs 200 grams. Our top rail lowers the otherwise very high line of sight of the G36. It's fitted with back-up iron sights that are fully adjustable with tools. The sights are fitted with tritium inserts.

The rear part of the rail is lowered to accommodate a low mounting of NV equipment. 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 GI Mag Conversion Kit

The R-8 Conversion Kit, (which includes a bolt stop) allows for "STANAG pattern magazines" to be used in place of the original HK magazines.

The magwell also features a battery storage compartment for one CR2032 or one CR1/3N battery.

R-22 G36C Forend

Our forend has very low weight and perfect ergonomics. The R-22 G36C Forend, which provides the same modularity as our G3 Forend, offers a slimmer profile than the factory handguard, and has a smooth Picatinny railed bottom designed for attaching an HK GLM.

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





HK417 / MR308A1 UPGRADES

Along with the G36 upgrades we have also made an upgrade kit for the HK417. With the Spuhr upgrade kit the HK417 is lighter and more user friendly. The project goals were to lower the weight, add a new forend, and of course add the capability to use standard SR25-pattern magazines.

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

The R-200 and R-200S lower receivers are designed for use with SR-25/PMAG20 magazines, and feature ambidextrous mag release buttons, and non-rotating pins.

The sides of the magwell is fitted with Spuhr Interfaces for attaching accessories.

Note:

The R-200 and R-200S require modification of the upper receiver due to the different geometry of the SR-25 magazines.



Spuhr® forends

We make forends, with different length, that are lighter than the original; 25-33%; depending on length.

Our forends are slimmer and the Picatinny sides have been replaced with Spuhr® interfaces - which unlike Picatinny actually have a negative weight.

R-210 HK417 Long Forend 11.5"

The R-210 Long Forend is a lightweight modular alternative to the factory Picatinny forend, featuring our own smooth Picatinny rail on top and bottom.

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 G3 UPGRADES

As the Swedish Army recently decided to upgrade the AK 4B (domestically produced G3 clone) to the AK 4C and AK 4D versions, Spuhr won the contract to deliver an adjustable stock and a modular handguard.

The HK G3 is one of the western world's great battle rifles, and it has proven itself to be very reliable and very accurate. Unfortunately most users feel that the G3 is old and has passed its prime.

But with many thousand of G3s still in use around the world we wanted to see if we could adapt the G3 for today's standards.

We feel that we have succeeded and in many aspects the G3 with our modifications is as usable and serviceable as the AR10's or HK 417's of today, but with a strong favour to the G3 as to reliability and price.

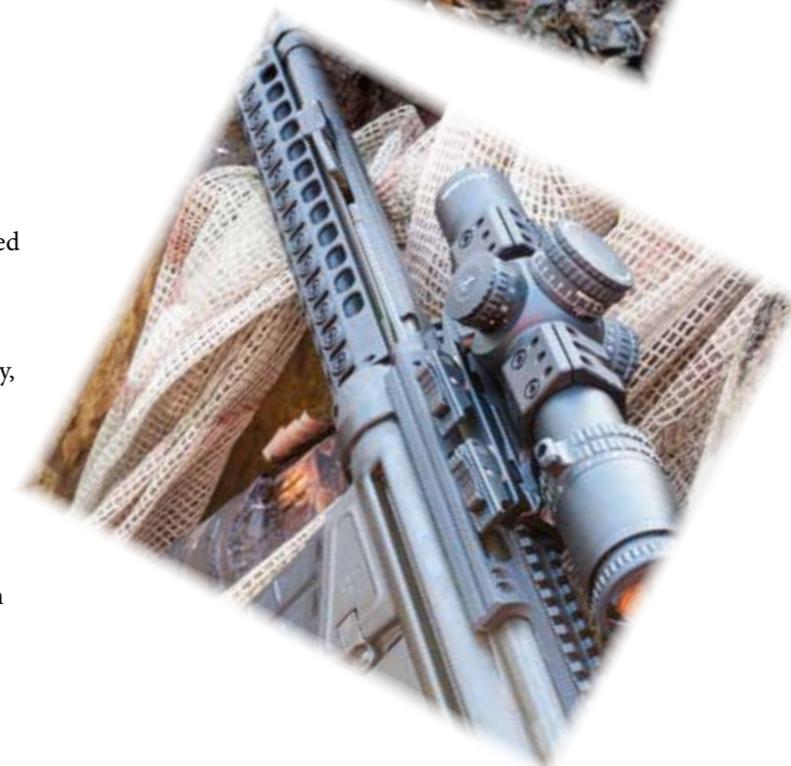
R-401 G3 Forend

NSN 1005-22-630-0397

We made a new forend that have almost the same outline as the original with the same weight as the HK plastic forend (190 gram/6,7oz). It is very well ventilated so the barrel cools quickly.

The R-401 G3 Forend is made from high grade aluminum with Spuhr Interfaces along the length of the body, allowing the user to attach various accessories without adding any unnecessary weight or sharp edges, as is common with Picatinny handguards.

The forend is also very comfortable and gives the advantage of allowing the shooter to grab around the forend with a modern grip to manage the recoil, which is hard to do with a Picatinny forend.



R-402 G3 Top Rail

NSN 1005-22-630-0398

The R-402 G3 Top Rail allows the user to attach optics to the G3 battle rifle. As with our G36 and HK417 forends, the rail has a smooth design for ease of handling and higher repeatability.



Stockdesign

The main disadvantage of the G3 Rifle is the stock design tailored for the low iron sights. Due to the design with the long receiver the low ironsight forced the stock to have a "hump" just behind the action. This "hump" is also known as the "cheek bone crusher" for reasons that become painfully obvious to most.

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 will allow the user to assume an aggressive shooting stance with less felt recoil and greater controllability of the powerful G3 battle rifle. The integrated cheek piece allows for a comfortable head position when using optics. The R-410 also fits onto HK55 carbines.



G3 Stock assembly R-410

HK MP5/HK53 UPGRADES

The HK roller delayed series of firearms all suffers from far too long stocks. This is especially apparent when it comes to short users and the use of body armor.

To make the situation better we have made a new stock for those guns.

R-301 MP5 Forend

NSN 1005-22-630-0395

The R-301 MP5 Forend is a lightweight modular forend, which follows the same general design as our G3 forend. The R-301 also fit the HK53.

It's a 6-position stock assembly with replaceable cheek pieces allowing for different sight solutions.

The new stock will make it possible to adjust the length from 180-260 mm / 7.09"-10.24" and also raise the cheek piece and butt plate around 20 mm (0,8").

That way the LOP (Length of Pull) can be adjusted to the current clothing or the current user of the gun. It will make the gun more controllable as the stock is more optimized after the user.

R-302 MP5 Top Rail

NSN 1005-22-630-0396

The R-302 MP5 Top Rail allows the user to attach optics to the MP5. As with our G36 and HK417 forends, the rail has a smooth design for ease of handling and higher repeatability.

We also have some different top rails, both with direct-mount for Aimpoint Micro and with ordinary picatinny rail.

Please ask your point of contact for more information.



ADJUSTMENT DEVICE

Spuhr's adjustment device is intended to be mounted on the top or the side of a spotting scope to hold laser range finders or other lasers that lacks own zeroing capabilities. What's differs Spuhr's solution from other solutions is that it's rather compact and it has a quick detachable rail on the top.

When mounted on a spotting scope, the LRF can be quickly detached and reattached without losing zero. It's also possible to have one adjustment device on the spotting scope and one on the rifle scope and use the LRF on both devices as the adjustment device stays on the main optic. That does of course also mean that the LRF can be used handheld when needed. The adjustment device is dust protected with rubber sealing's.



Specifications:

Adjustment click value: 0,25 Mil
Weight: base approx 230 gram total
Size: 94x70x33 mm
Buildheight over picatinny: 21mm
Adjustment range: +-10 mils



Spuhr® accessory ring

There is a need for mounting various accessories to spotting scopes. Spotting scopes are often very limited in the ability of attaching various add-ons, and we have therefore made an accessory ring for selected models. Our accessory ring has 8 interfaces all around the scope so the user can choose where he wants to attach the accessories.

Some available features for the accessory ring:

1. Attaching red dot sights for quickly finding objects, especially in low light conditions.
2. Attaching lasers for pointing out targets.
3. Attaching Cosine Indicators so a spotter can see the angle to the target.
4. Attaching night vision for obvious reasons.
5. Attaching IR illuminators to identify and illuminate targets.
6. Attaching a rangefinder increase the accuracy when aiming the rangefinder.

We produce the accessory ring for Swarovski 80 mm & Leupold MK4 12-40x60. If you have a need for something else please contact us.



Leupold spotter scope



Leupold spotter scope with NV rail

TRG M10 with Spuhr QDP mount



BAM mount



Sauer STR 200 with ISMS direct mount



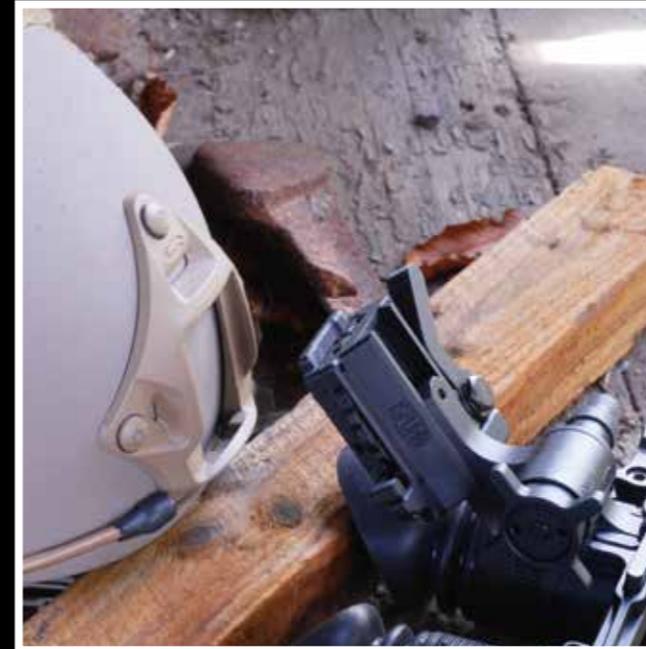
Mount for Aimpoint T1/T2



Mount with new Hensoldt 3.5-26x56



NVG mount for the VAS shroud



MP5/HK53



MP5/HK53



New series of Spuhr picatinny rails for different actions



DR-BURRIS A-0011b



Sauer STR 200 with ISMS direct mount

Mount with ACI interface

Tikka T3 with Aimpoint T1



Sauer SSG



AI Dovetail



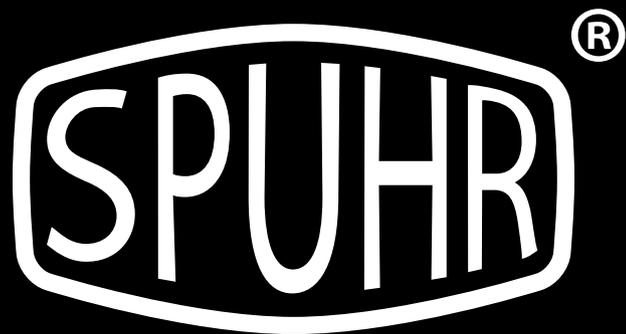
Picatinny



TRG/T3 Dovetail



Eric Hsueh ©



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