



HISTORY

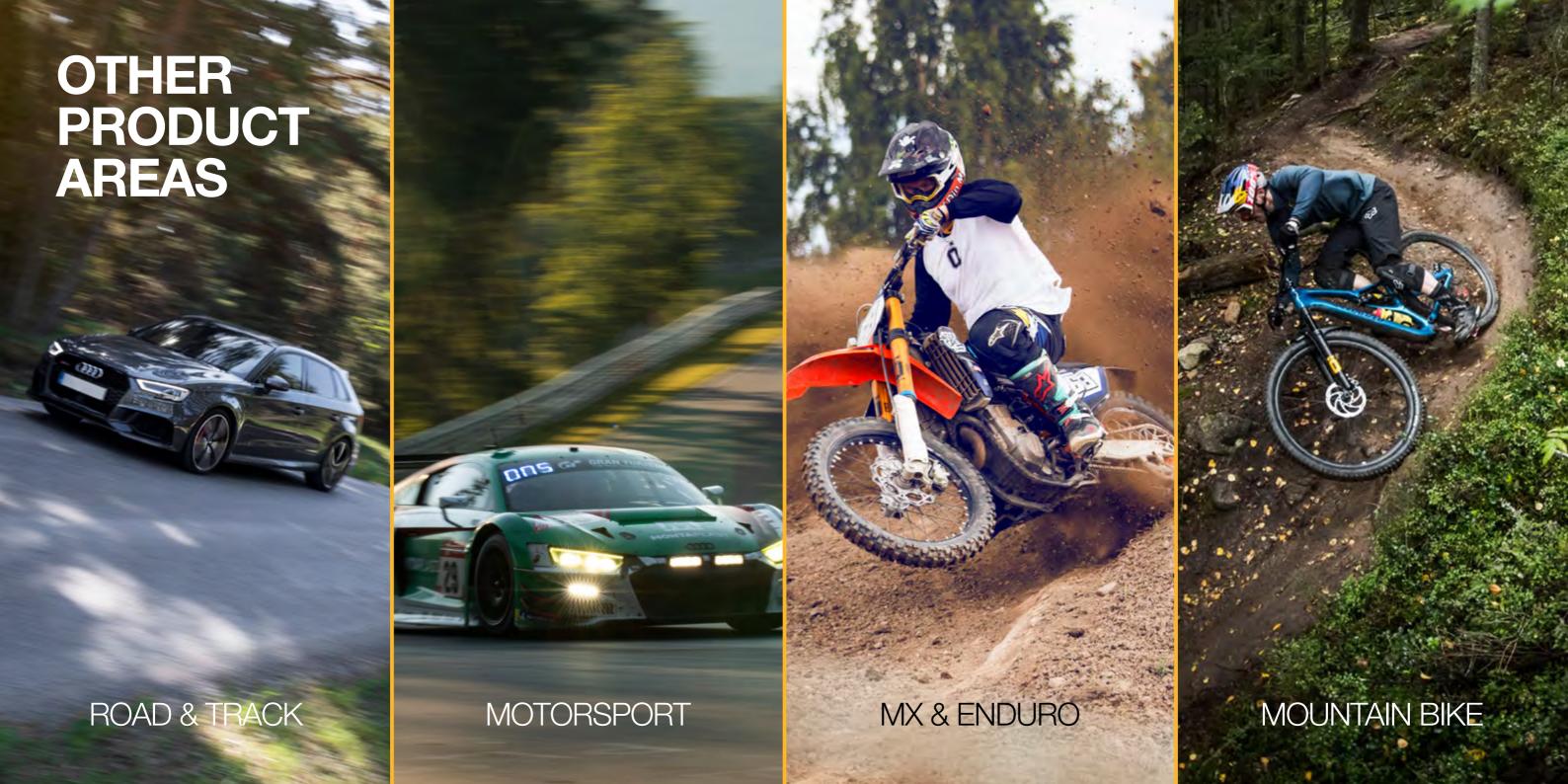
Ever since the company was founded in 1976, Öhlins has represented the very pinnacle of suspension technology and firmly rooted itself as an intricate part of the motorsport industry, underpinning countless world titles. That very technology has subsequently been adopted not only as the gold standard of aftermarket suspension, but is also by car and motorcycle manufacturers around the world.

Back in the 1960's, Kenth Öhlin was an up-and-coming motocross rider and showed an innate talent for mechanics. He knew how to bring the best out of his material and soon he saw himself engaged in modifying his competitor's bikes. By the time he started his business he had already designed exhaust pipes, engines and – of course – shock absorbers.

Öhlins soon became synonymous with advanced suspension. The products were not only superior in terms of technology, but as Mr. Öhlin was, and is, a very meticulous man the quality was always outstanding. The first world championship was won already in 1978, as Russian Gennady Moiseev took the 250cc title on an Öhlins equipped KTM. Since then, more than another 350 world titles have followed. The success continued in road racing and soon also in the automotive segment, in racing as well as in rally, all adding to the motorsport pedigree. But don't think that Öhlins was content, not for a minute. The company continued to grow, adding electronically controlled, semi-active suspension to its portfolio under the trademark CES. Today, this technology has revolutionized the car industry and can be found in a wide range of products from premium car manufacturers.

In the 1980's, Öhlins' achievements got the attention of industrial giants and in 1987, Öhlins was acquired by Yamaha. Under the Japanese ownership, Öhlins had the necessary financial stability to develop into a dominating player in the industry. Twenty years later, Öhlins was considered better off on its own legs and Kenth Öhlin regained the company he once had started.







ÖHLINS HALL OF FAME

Öhlins Racing won its first World Championship Title in 1978 with Gennady Moiseev in the 250cc Motocross championship. From that day, Öhlins has won world championships titles every year, first in Motocross, later in Superbike classes and Auto motorsport championships such as WRC with Mitsubishi, Endurance, VLN, GT-Racing, Touring cars and Formula racing series. 2017 Öhlins teamed up together with Specialized, the Mountainbike manufacturer, to challenge the best for the world title. Öhlins took the title in both the ladies and the men's championship the first time we participated. The rest is history...



ÖHLINS TESTING & DEVELOPMENT

At Öhlins, we are serious about suspension. In fact, we live it and breathe it. The amount of engineering that goes into our products is simply staggering, every single product is tested and measured prior to production, in order to make sure you get the best performance possible. Think computer simulations, rig tests and evaluation on either race track or on the street. Or both. It may be the latest development for MotoGP or a new street application for your daily ride, our strict program applies to everything we do.

Öhlins are proud of the amount of engineering that are put in to our products. Remember, a large portion of our revenue is reinvested directly into research and development.

Not only that. In order for you to be sure to enjoy perfect performance from your Öhlins product for many years to come, every component is subject to a number of tests, from corrosion to fatigue resistance. And of course, our products are fully rebuildable should the day come.



ÖHLINS SETUP APP

Did you know that you can easily optimize your bike set up with our app? Öhlins Set Up application helps you change your set up whether you are on your favorite track or road. Download it today!











FIND YOUR ÖHLINS PRODUCT WITH PRODUCT SEARCH

Explore all our products for your bike with a few clicks. On our "Find your product" page at ohlins.com we've made it easy for you to type in your bikes make, model, and year to get a list of all the products we offer for your motorcycle.



NEWS 2020



FGR 250 SUPERSPORT

PAGE 35



CUSTOM 43 USD CUSTOM & HERITAGE PAGE 59



CUSTOM 43 USD
BLACKLINE
CUSTOM & HERITAGE
PAGE 58



STX 46 P BLACKLINE CUSTOM & HERITAGE PAGE 46



STX 46 DR1 BLACKLINE CUSTOM & HERITAGE PAGE 47



STEERING DAMPER BLACKLINE

CUSTOM & HERITAGE

PAGE 61

2020 PRODUCT OVERVIEW FRONT END PRODUCTS

We at Öhlins specialize in custom-made products to excel your riding experience, whether on tarmac or gravel. Our front forks or cartridge kits will give you blistering performance and increased safety on all surfaces. Every model application found in our database has been in our factory for a custom fitment and test ride, ensuring perfect quality, performance and design. Our forks are not only one of the best performers on the market, in our opinion are also the best-looking forks out there.

STEERING DAMPER TYPES



CARTRIDGE KITS



FRONT FORKS



FGR 250 FRONT FORK





FRONT FORKS

FRONT FORK



FRONT FORK



FRONT FORK



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FGR 300

FRONT FORK

2020 PRODUCT OVERVIEW SHOCK ABSORBERS

Öhlins shock absorbers come in a wide range of designs and functionality, with and without adjusters. We manufacture more than 300 different shock absorber models to more than 1000 applications. Our technology starts its life in high-end racing such as MotoGP or WSBK. From the racing world comes our aftermarket shock absorbers that use the components and functionality from our racing knowledge. Öhlins shocks will improve your grip, stability and give a huge boost to the bikes chassis performance.



ACCESSORIES



TYPE STX 46















TYPE STX 36















TYPE STX 36 P

















TYPE STX 36 P



S36HR1C1L





T36PR1C1LS



T36PR1C1LB



T36PR4C4LS





TYPE TTX 39



TYPE STX 46 P

TYPE STX 46 H



S46PR1C1



S46PR1C1L



S46PR1C1LB



S46PR1C1S



S46PR1C1LS



S46PR1C2LS





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ÖHLINS SHOCK ABSORBER TYPE CODE EXPLANATION

The type code exists so that it is possible to visualise the damper by reading the type code. Type code consists of first a letter followed by two digits that is followed of at least one letter. e.g. S36E.



SHOCK ABSORBER TYPE



S, T Single or twin tube design.



30, 36, 39, 40, 44, 46 and 50mm

Piston diameter



Emulsion type of shock absorber.



Monotube high pressure gas type of shock absorber with internal reservoir in the main body.



Monotube high pressure gas type of shock absorber with external "piggy back" reservoir.



Monotube high pressure gas type of shock absorber with hose mounted external reservoir.



Progressive damping shock absorber with two pistons.



Shock absorber delivered without spring.

ADJUSTMENT FEATURES



Adjustable compression damping. Adjuster wheel or slot



Adjustable high- and low- speed compression damping. Hexagon or slot on the reservoir.



Electronically Controlled (EC) compression damping



Adjustable rebound damping. Adjuster wheel or slot above the end eye.



Adjustable rebound damping. Adjuster wheel or slot on



Electronically Controlled (EC) rebound damping adjuster.



Hose mounted hydraulic spring preload adjuster.



Electronically Controlled (EC) hydraulic spring preload



Integrated hydraulic spring preload adjuster. Adjuster wheel or hexagon on the adjuster.



Adjustable length



Mechanical spring preload adjuster.

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T36PR1C1LB



TTX GP SHOCK ABSORBER

Öhlins are continuously striving to improve their products on quality, consistency, and performance. From our latest research and development, we have made many components and setting improvements that we have combined into this shock. The TTX GP features a new type of valve which gives better feedback to the rider, also a new piston and band which together with the new valves enhances grip, stability, feedback, and consistency. The new adjuster knobs make it easier to make changes on the fly with or without tools compared to the old design.

TOP FEATURES

- > TTX-technology
- > Rebound and compression adjustment straight from MotoGP
- > Adjustment needles with different flow restriction behavior to improve chassis feedback
- > Wider and more precise adjustment range
- > Adjustment possible by hand or with hexagon tool





TTX RT SHOCK ABSORBER

The TTX Road & Track is developed for the latest supersport models as a complement to the top of the line TTX GP shock. The TTX RT has a competitive price but still offers great performance for the road and track day enthusiast. The shock is based on the TTX 36 with its race proven technology. It has a traditional C-spanner type pre load adjustment, easily accessible rebound and compression adjustment on the cylinder head. The result is a shock absorber with the long term technology developments from Öhlins experience in MotoGP and WSBK.

TOP FEATURES

- > TTX-technology
- > Wide adjuster range
- > Completely separated functions for rebound and compression damping
- > All adjustments are done on the cylinder head of the shock absorber
- > Length adjustable for most models







STX 46 SHOCK ABSORBER

The Öhlins STX 46 shock absorber is available for many different bikes in the smaller supersport segment, such as Yamaha R3, Ninja 250 and Honda CBR 250. This shock absorber features the well-known Öhlins monotube design and build quality. With fully adjustable compression and rebound damping it has a great range of adjustment. Also you can fit the shock absorber with an optional hydraulic spring preloader! With enhanced cornering performance and improved comfort it will inspire you to go faster around the track but also works great on your daily commute and weekend rides.

TOP FEATURES

- > STX-technology
- > Monotube high pressure gas type of shock absorber with hose mounted external reservoir
- > Fully adjustable compression and rebound damping
- > Wide range of springs available
- > Optional: Hydraulic spring preloader adjuster



STX 36 SHOCK ABSORBER

SUPERSPORT

The ride to the track should be just as enjoyable as the race itself. You need to feel confident, comfortable, and ready to take on your best race yet. With Öhlins STX 36 Supersport shock absorbers you will experience the track day feeling no matter if you're on or off the track.

Our STX 36 Supersport is available in the classic inline, piggyback, and hose remote reservoir, making it possible for you to ride with excellence no matter what bike you have. Every turn and every corner becomes smooth and reliable with our unique and reliable STX technology.

Let your passion shine through as you get out on the road and get ready to experience a whole new way of racing.

TOP FEATURES

- > STX-technology
- > 36 mm piston diameter
- > Fully adjustable
- > Maintenance and service possibilites
- > Available in different configurations depending on the bike model







STEERING DAMPER

An essential ingredient in a complete performance package, the Öhlins steering dampers are still the ones to beat. Thanks to the superior pressurized design and extremely tight manufacturing tolerances, the damper delivers supreme performance and agility, and with the wide adjustment range it is easy to find that perfectly weighted steering feel and feedback.

Available as a bolt-on kit for many sport and supersport models, there is also an assortment of universal models in different lengths and a wide range of mounting brackets and parts for race bikes as well as custom builders.

TOP FEATURES

SUPERSPORT

- > Unique, well proven design
- > Pressurized fluid avoids problem of free play
- > Adjustable in 16 well defined clicks
- > Available in 6 different lengths/strokes
- > Kits complete with mounting brackets available for certain bikes
- > Universal parts for race bikes available

STEERING DAMPER EC

The Öhlins Smart EC aftermarket steering damper is designed to complement the Öhlins Smart EC system equipped on the Yamaha R1M.

The Smart EC software controlling for this steering damper is already pre-programmed into the Yamaha R1M's SCU. The steering damper is controlled by the Smart EC algorithms and reacts on speed as well as acceleration.

It constantly changes the damping settings in real time to suit the current riding conditions in the best possible way. The already excellent mechanical function in the steering damper is further improved by the Smart EC algorithms and the result is an ideal platform for any rider who wish to improve the performance on road as well as reduce the lap times on track.

TOP FEATURES

- > Öhlins Smart EC Software
- > Constantly changes damping settings in real time
- > Reacts on speed and acceleration
- > Unique, well proven design
- > Pressurized fluid avoids problem of free play
- > Improved riding experience







FKR 100 CARTRIDGE KIT

The Öhlins FKR 100 cartridge kit has technology derived straight from the Moto3, Moto2 and World Superbike championships developed by our engineers at Öhlins HQ in Sweden. FKR 100 is for riders who demand the best performance from their bike.

Designed for top level racing in Superstock and Supersport classes. Features include a spring pressurized system, compared to the old gas pressurized system, the spring pressure offers a more simplistic and user friendly design, which also makes for easier maintenance and setting changes. Also giving a more consistent performance curve and allows for a more compact design.

TOP FEATURES

- > TTX-technology
- > Fits most large displacement bikes
- > Easier maintenance
- > Spring pressurized system
- > Technology from Moto3, Moto2 and World Superbike
- > Complete setting library



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NIX 30 CARTRIDGE KIT

The Öhlins NIX 30 front fork cartridge kit was developed in racing series such as World Supersport and Superstock championships. Whether heading for a National Roadracing title or just taking your bike to the local race track, this cartridge kit offers loads of performance, stability and suppleness. This kit has a unique design, with the compression damping in the left fork leg while the right leg controls rebound damping. This allows not only for a more precise function and better stability, but also the ease of having all adjustments conveniently placed at the top of the fork.

TOP FEATURES

- > NIX-technology
- > External rebound, compression and spring preload adjusters
- > Easy to change settings for individual preferences, based on our setting bank
- > Wide range of spring rates available in the 08790-series
- > Easy to install and service
- > Available for most Supersport models







SUPERSPORT SUPERSPORT

SUPERSPORT

NIX 22 CARTRIDGE KIT

The Öhlins NIX 22 cartridge kit, for light-weight sport bikes with conventional forks, is based on experience gained from World Superbike and Supersport championships. This kit has many similarities with our NIX 30 product aimed towards the larger displacement supersport bikes. The NIX 22 cartridge kit delivers loads of performance with a stable damping characteristics and great comfort contributing to rider confidence. Whether you are aiming for a title in light-weight roadracing or just want to have a great track day bike.

TOP FEATURES

- > NIX-technology
- > External compression and rebound adjustment
- > External 15 mm preload adjustment
- > 22 mm piston diameter
- > Range of fork springs available

NIX

FSK 100 FORK SPRING KIT

This Öhlins FSK 100 is an upgrade for small sports and street bikes with conventional forks. The kit is designed to improve the handling, cornering and braking and give the rider a noticeable improved feeling in all areas. The kit consists of a replacement top cap and higher performance rate springs. The replacement top cap also provides an external spring preload adjustment. It is available for small sports bikes such as the Yamaha R25/R3, Kawasaki Ninja 400 and Honda CBR 250/300R.

TOP FEATURES

- > Full maintenance capability
- > Replacement top caps
- > Performance rate springs



NEW



FGR 300 FRONT FORK

The Öhlins FGR 300 is the very essence of advanced suspension technology. Packed with technical solutions developed in MotoGP and Endurance World Championship, the FGR 300 improves on its predecessors in a number of ways to stay further ahead of the competition. Building on the technology from the pressurized TTX 25 front fork cartridge kit, the reinforced outer tube adds stiffness to the chassis, crucial for complete control in racing. Easily adjustable for both compression and rebound, together with a click setting function for the spring preload. The FGR 300 represents the pinnacle of front fork engineering.

TOP FEATURES

- > TTX-technology
- > New stronger outer tube top
- > Longer, lighter design
- > Improved adjustment features
- > Different settings available from Öhlins setting bank



FGR 250

FRONT FORK

Experience the Moto2 and World Superbike feeling with Öhlins FGR 250 front fork. Developed straight from the Superbike race track you'll always be one step ahead of the competition. Equipped with TTX-technology, you'll get complete control while experiencing improved dynamic behavior. Designed for top level racing in Superbike and Endurance classes. With spring pressurized TTX 25 internals and the same outside dimensions as our tried and tested FGR 300.

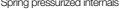
Experience the race track the way it was meant to - like a real Superbike rider.

This front fork is developed for racing only and should only be used on the race track.

- > TTX-technology
- > Spring pressurized internals
- > New design

TOP FEATURES





- > Low fricition
- > Different settings available from Öhlins setting bank

FGRT 200

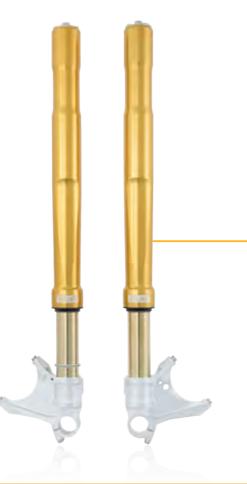
FRONT FORK

Whether heading for a national roadracing title or going for a quiet countryside trip, the Road & Track front fork will deliver loads of performance, consistent behaviour and a suppleness you wouldn't believe was possible. Featuring the race proven technology of our NIX 30 cartridge kit. This not only allows for superior dynamic behaviour, but also for keeping the adjusters conveniently on top of each leg. The new front fork improves on rider feedback, brake support and general handling of the bike. Not to mention the exquisite styling – the FGRT 200 is perfect in terms of both performance and design.

TOP FEATURES

- > NIX-technology
- > Weight and stress optimized fork bottom design
- > All adjustments at the top of the fork
- > Proven in various racing applications
- > Available for most Supersport models
- > Different settings available from Öhlins setting bank

NIX







ADVENTURE

TTX ADVENTURE

SHOCK ABSORBER

The thoroughly race proven TTX-technology makes it into the adventure segment, delivering unparalleled performance. Designed for the BMW R1200GS, the Öhlins TTX 36 and TTX 39 shock absorbers improve on feedback, control and comfort. Of course, both front and rear shocks benefit from all the TTX advantages, such as individually adjustable compression and rebound damping and eliminated risk of cavitation. Developed exclusively for the adventure segment, the rear TTX 39 shock is designed specifically to cope with the varying load conditions of on and off road use.

TOP FEATURES

- > TTX-technology
- > 36 mm front shock absorber for adventure
- > 39 mm rear shock absorber specifically designed for the adventure
- > Reinforced cylinders
- > Individual setting of spring preload front and rear
- > Individual settings of both compression and rebound front and rear



STX 46 SHOCK ABSORBER

The classic monotube design of the Öhlins STX 46 shock absorber is a major upgrade to most bikes in the adventure segment. The design is well proven, features a large 46 mm piston delivering reliable performance in all possible environments. Available in a wide range of configurations, with piggyback or hose mounted reservoir and with or without spring preload adjuster, the STX 46 can be made to fit in virtually any mounting space no matter what the constraints are. The STX 46 is available for most major models in the adventure segment.

TOP FEATURES

- > STX-technology
- > Well proven monotube design
- > A number of different adjustment possibilities
- > Available in different configurations depending on bike model
- > Maintenance and service possibilities
- > Available for most major adventure models





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ADVENTURE

NIX 30 ADVENTURE CARTRIDGE KIT

NIX 30 Adventure cartridge kit for medium sized adventure bikes. Based on technology from Öhlins roadracing cartridges featuring our well proven NIX damping system. Among the advantages with this design is improved stability and control of the damping system, ease of use as all the adjusters, compression, rebound damping and spring preload, are located at the top of each fork leg. Fast gravel roads on a weekend or piloting around narrow trails to find that perfect stopover for the night - now you can do it with complete control over your bike.

TOP FEATURES

- > NIX-techonology
- > Fully adjustable from the top cap
- > Rebound in one leg, compression in the other leg
- > Hydraulic stop to prevent hard bottoming
- > Easy to install and service
- > Different spring rates available



NIX

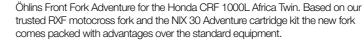




FRONT FORK ADVENTURE

FRONT FORK

ADVENTURE



The design features gold coloured, surface treated outer and inner tubes that drastically reduce friction and ensure a hard surface; perfect when you go off road.



TOP FEATURES

- > NIX-technology
- > 48 mm gold outer tubes
- > Fully adjustable
- > Golden TiNitride surface treatments on inner tubes











NEW STX 46 DR1 BLACKLINE

STX

SHOCK ABSORBER

Your ride is a part of your identity, and the way you cruise down the streets never looked so good. No matter your cool exterior, you love the way people stop and stare at your custom bike. With the STX 46 DR1 Blackline by Öhlins damper, you'll never have to choose between comfort and control over great design. Our STX 46 DR1 Blackline by Öhlins damper comes with all Öhlins quality features packed in a sleek, timeless design for you to turn heads wherever you go.

STX 46 P BLACKLINE

NEW

SHOCK ABSORBER

Indulge in top performance and exclusive design with Blackline by Öhlins STX 46 shock absorber. Never choose between a timeless look and outstanding features. Öhlins STX 46 Blackline shock absorber blends into your own creation but still pops out to draw attention. Because, let's be honest, looking good is a part of your identity. Take on the streets with style, class, and confidence while riding your way to the goal. Less is more, and the Blackline by Öhlins will never go out of style. Ride timeless, experience perfect.

- > Blackline design
- > Maintenance possibilities



STX

TOP FEATURES

- > STX-technology
- > Monotube shock absorber
- > A range of spring rates available
- > 46 mm piston diameter

TOP FEATURES

- > STX-technology
- > Blackline design
- > Monotube shock absorber
- > A range of spring rates available
- > Maintenance possibilities
- > 46 mm piston diameter





STX

STX 36 P BLACKLINE

STX

SHOCK ABSORBER

Don't let the subtle styling fool you! The STX 36 P Blackline shock absorbers deliver well known Öhlins damping performance and quality. With a selection of spring rates, compression, rebound and preload adjustment you can fine tune these shocks to suit your riding style. From cruising mountain roads to being playful on the throttle the STX 36 P Blackline shocks are developed for Harley-Davidson riders wanting nothing but perfect ride characteristics.

STX 46 SHOCK ABSORBER

The STX 46 shock absorber for the Harley-Davidson softail gives an impressive increase in performance and comfort. Developed to make those long cruises more comfortable but also give the necessary support when hitting the winding roads. This STX 46 has some unique features such as a silver hydraulic preload adjuster, black spring, custom black preload handle with laser etched Ö-logo and CNC machined aluminum handle to look great on all versions of the new Softail!



- > STX-technology
- > Hydraulic preload adjuster
- > Monotube shock absorber
- > A range of spring rates available
- > Maintenance possibilities
- > 46 mm piston diameter



TOP FEATURES

- > STX-technology
- > Piggyback gas pressurized reservoir
- > Adjustable compression and rebound damping
- > Optional length adjustability
- > Fully serviceable
- > Tested and tailor-made to suit each application



STX 36 DR1 BLACKLINE **SIX**

SHOCK ABSORBER

For those who want the Blackline shocks but with a more the classic look the STX 36 DR1 Blackline is the answer. This is achieved by integrating the gas reservoir with the shocks main body for a slim design, while retaining all the Öhlins damping qualities. Adjustable rebound damping allows you to tune the shock to your liking, while rear height can be altered with the length adjuster. No matter where the road takes you, the STX 36 DR1 Blackline provides comfort, style and performance to your Harley-Davidson.

TOP FEATURES

- > STX-technology
- > Integrated gas pressurized reservoir
- > Adjustable rebound damping
- > Length adjustable
- > Fully serviceable
- > Tested and tailor-made to suit each application



CUSTOM & HERITAGE

STX 36 D BLACKLINE

STX

SHOCK ABSORBER

The STX 36 D Blackline shock absorber is the simplest shock in the Blackline range. It comes with the STX technology and is constructed to give you maximum comfort on long rides. It is an easy to set up shock without the confusing adjusters. Retaining all the Öhlins damping qualities the STX 36 D provides increased traction and safety for your Harley-Davidson in all conditions.

TOP FEATURES

- > STX-technology
- > Integrated gas pressurized reservoir
- > Fully serviceable
- > Tested and tailor-made to suit each application



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STX 36 SHOCK ABSORBER

Developed for bikes with twin shock absorbers, the Öhlins STX 36 is a classic monotube design, featuring all the classical Öhlins qualities delivering top notch performance for your street bike. Available in emulsion, piggyback or hose versions, depending on application, it can also be specified with a number of different damping adjustment options with or without length adjustment. Suitable for any application from cruisers to café racers, the STX 36 shocks are one of Öhlins most successful designs of all times.

TOP FEATURES

- > STX-technology
- > Well proven monotube design
- > Emulsion, dividing piston, piggyback or hose type gas pressurized system
- > Each application tested and tailor made to suit
- > Designed for comfort and rideability on cruisers
- > Wide range of spring rates are available
- > Optional black, yellow and chrome springs are available to most models



X NIX 22 CARTRIDGE KIT

Imagine – riding your Harley-Davidson down the country roads with the improved comfort, control and performance of Öhlins suspension. The NIX 22 cartridge kit extends Öhlins advanced suspension technology to the popular line of Harley-Davidson Sportster and Dyna models. Designed with proven Öhlins NIX-technology to maximize damping performance in the available confines of a fork leg, compression and rebound damping are separated between the legs. Just install and enjoy! Optional fork spring rates are available for individual rider weights, preferences and use of the bike. Whatever your needs are, you'll be surprised by the transformation.

TOP FEATURES

- > NIX-technology
- > External compression and rebound adjustment
- > 22 mm piston diameter
- > Range of fork springs available
- > Improved feel, control and comfort
- > Easy to install









FKC 101 CARTRIDGE KIT

The heart and soul of a Harley-Davidson with the comfort and control of Öhlins suspension. The FKC 101 cartridge kit introduces Öhlins advanced suspension technology to the front forks of the popular Harley-Davidson FLH/FLT Touring Baggers.

Designed with proven Öhlins NIX-technology which maximizes damping performance in the available confines of a fork leg, compression and rebound damping are separated between the legs. We also did away with the hassle of external adjusters. Just install and enjoy! Optional spring rates are available for individual rider weights, preferences and use of the bike, you'll be surprised by the transformation.

TOP FEATURES

- > NIX-technology
- > 25 mm pistons
- > Aluminum damping tubes
- > Improved feel, control and comfort
- > Easy to install
- > Range of fork springs available



FKC 102 CARTRIDGE KIT

The heart and soul of a Harley-Davidson with the comfort and control of Öhlins suspension. The FKC 102 cartridge kit introduces Öhlins advanced suspension technology to the front forks of the popular line of Harley-Davidson FLH/FLT Touring Baggers. Designed with proven Öhlins NIX-technology which maximizes damping performance in the available confines of a fork leg, compression and rebound damping are separated between the legs. We also did away with the hassle of external adjusters. Just install and enjoy! Optional spring rates are available for individual rider weights, preferences and use of the bike, you'll be surprised by the transformation.



- > NIX-technology
- > 25 mm pistons
- > Aluminum damping tubes
- > Improved feel, control and comfort
- > Easy to install
- > Range of fork springs available





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CUSTOM 43 BLACKLINE NIX

FRONT FORK

Öhlins 43 mm conventional universal fork for the custom bike builder that wants supreme suspension performance. Custom 43 Blackline gives you the familiar Öhlins design in black. Inside the fork we use NIX-technology featuring compression damping in the left leg and rebound damping in the right leg, also spring preload all easily accessible at the top caps. This fork ensures great bump absorption giving the rider a smooth and comfortable ride. The forks are delivered without brake caliper and fender mountings, this enables the fork to be easily adapted to various models by the bike builder.

TOP FEATURES

- > NIX-technology
- > Stroke 130 mm, length 800 mm
- > Triple clamp diam. 43 mm
- > Wheel axle 32 mm
- > Spring rate 9,5 N/mm. Range of optional spring rates available
- > Fully adjustable



CUSTOM 43

FRONT FORK

Öhlins 43 mm conventional universal fork for the custom bike builder that wants supreme suspension performance. Inside the fork we use NIX-technology featuring compression damping in the left leg and rebound damping in the right leg, also spring preload all easily accessible at the top caps. This fork ensures great bump absorption giving the rider a smooth and comfortable ride. The forks are delivered without brake caliper and fender mountings, this enables the fork to be easily adapted to various models by the bike builder.

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- > NIX-technology
- > Stroke 130 mm, length 800 mm
- > Triple clamp diam. 43 mm
- > Wheel axle 32 mm
- > Spring rate 9,5 N/mm. Range of optional spring rates available
- > Fully adjustable





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CUSTOM 43 USD BLACKLINE FRONT FORK

NEW

Öhlins offer a range of front fork options. For custom builds, the fully adjustable Custom 43 USD Blackline features compression and rebound damping as well as adjustable spring preload, easily tuned for your specific requirements. The front fork offers complete control and race proven performance for your bike.

TOP FEATURES

- > Stroke 120 mm
- > Length 800 mm
- > Top clamp diam. 50 mm
- > Lower clamp diam. 54 mm
- > Wheel axle 32 mm
- > Spring rate 8,5 N/mm
- > Blackline design
- > Fully adjustable



CUSTOM 43 USD FRONT FORK

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TOP FEATURES

- > Stroke 120 mm
- > Length 800 mm
- > Top clamp diam. 50 mm
- > Lower clamp diam. 54 mm
- > Wheel axle 32 mm
- > Spring rate 8,5 N/mm
- > Fully adjustable



OHLINS.COM

CUSTOM 48 BLACKLINE FRONT FORK

A unique 48 mm front fork that originally was developed for the Ducati Diavel and has been a popular option for custom builders. Performance in spades from the latest Öhlins NIX-technology matches the aggressive and beefy looks. The front fork has compression and rebound adjustments, and is easily adjustable with rebound in one leg and compression in the other. Spring preload adjustment is done from the top cap.

This front fork does not only improve the looks but also delivers performance improving tire feel, brake support and general handling.

TOP FEATURES

- > NIX-technology
- > Compression and rebound adjustable, with rebound in one leg and compression in the other
- > Spring compression adjustments in the top cap
- > Weight and stress optimized fork bottom design



CUSTOM & HERITAGE

STEERING DAMPER BLACKLINE

NEW

Achieve top performance with full control as you take on your journey. The exclusive design of Blackline By Öhlins, together with the supreme performance of our Öhlins Steering Damper Blackline will make you unstoppable. Attention loves you, and with the timeless look of the steering damper you'll always be ready for it.

Enjoy endless rides thanks to the increased stability and steering feedback, reducing fatigue. Confidence and good looks go hand in hand.

TOP FEATURES

- > Unique, well proven design
- > Pressurized fluid avoids problem of free play
- > Adjustable in 16 well defined clicks
- > Improved riding experience
- > Mounted outside of the fork leg or across the frame behind
- > Fully adjustable
- > Blackline design







STREET PERFORMANCE LINE

STX 46 SHOCK ABSORBER

A well proven monotube design, the Öhlins STX 46 shock absorber sets the standard for performance, quality and durability. A major suspension upgrade for your sports bike suspension, it features a large 46 mm main piston and an internal gas reservoir within the main body of the shock. With adjustable damping, you can change the behavior of the shock to suit your taste and even fit a hydraulic spring preloader to change the stance of the bike. This is the perfect choice for the naked sports bike, or as we call it: the Street Performance Line.

TOP FEATURES

- > STX-technology
- > Monotube shock absorber
- > Adjustable rebound damping and compression
- > A range of spring rates available
- > Optional hydraulic spring preloader
- > Available for more than 100 different bike models



EX

NIX 22 CARTRIDGE KIT

STREET PERFORMANCE LINE

This NIX 22 cartridge kit shares many similarities with our NIX 30 products for larger displacement supersport bikes. The NIX 22 delivers loads of performance with stable damping characteristics and great comfort contributing to rider confidence. Features include compression damping in the left leg and rebound damping in the right leg, which allows for a more precise function and stability. Adjustments are made at the top together with the spring preload, all to make it easier for you. The cartridge system is easy to install in standard front forks.

TOP FEATURES

- > NIX-technology
- > External compression and rebound adjustment
- > External 15 mm preload adjustment
- > 22 mm piston diameter
- > Range of fork springs available
- > Öhlins setting bank



STREET PERFORMANCE LINE

STREET PERFORMANCE LINE

NIX 30 STREET CARTRIDGE KIT

The NIX-technology is developed from world championship racing such as SBK to deliver the utmost performance. NIX 30 Street cartridge kit fits in the standard front legs giving you adjustable compression and rebound damping separated in each leg, as well as preload adjustment, all accessible from the new designed black top caps giving the bike a more subtle look. Öhlins have tested the NIX 30 cartridge kit extensively. On road as well as track, to make a kit that gives the best performance on your favourite road but also a comfortable ride when cruising or commuting to work.

TOP FEATURES

- > NIX-technology
- > External compression and rebound adjustment
- > External preload adjustment
- > 30 mm piston diameter
- > Range of springs available
- > Öhlins setting bank

NIX

FSK 100 FORK SPRING KIT

This FSK 100 is an upgrade for small sports and street bikes with conventional forks. The kit is designed to improve the handling, cornering and braking and give the rider a noticeable improved feeling in all areas. The kit consists of a replacement top cap and higher performance rate springs. The replacement top cap also provides an external spring preload. It is available for street bikes such as the Yamaha MT-07, Honda CB650F and the Kawasaki ER6N.

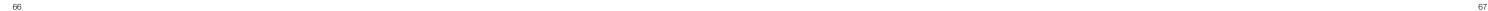
TOP FEATURES

- > Full maintenance capability
- > Replacement top caps













SCOOTER PERFORMANCE LINE



STX 46 SHOCK ABSORBER

Öhlins offers a sturdy and cost effective STX 46 shock absorber for scooters. These upgrades deliver increased handling, comfort and performance.

The STX 46 rear shock absorber with monotube design sets the standard for performance quality and durability. With adjustable rebound damping, you can alter the behavior to suit your riding style.

TOP FEATURES

- > External preload adjustment
- > Adjustable rebound damping
- > A range of spring rates available
- > Maintenance possibilities





STX 36 MONO & TWIN SHOCK ABSORBER



Based on the well proven and high performing STX 36 shocks Öhlins has developed both mono shocks and twin shocks to enchance the performance and comfort of scooters. The application list includes shock absorber upgrades for 125 up to 600 cc scooters.

The STX 36 is a classic monotube design available in emulsion, piggyback or hose versions depending on application and it can also be specified with a number of different damping adjustment options with or without length adjustment.







- > STX-technology

- > 46 mm piston diameter



TOP FEATURES

- > STX-technology
- > Well proven monotube design
- > Each application tested and tailor made to suit
- > Design for comfort and performance
- > Available for Honda MSX, Forza and PCX 150, with other applications being developed for machines such as the Yamaha X-Max range.



SCOOTER PERFORMANCE LINE

NIX 30 STREET CARTRIDGE KIT

The Öhlins NIX 30 Street cartridge kit gives you adjustable compression and rebound damping separated in each leg, as well as preload adjustment.

We at Öhlins have tested the NIX 30 Street cartridge kit extensively. On road as well as track, to make a kit that gives the utmost performance on your favourite road but also gives a comfortable ride when cruising or commuting to work.

TOP FEATURES

- > NIX-technology
- > External compression and rebound adjustment
- > External preload adjustment
- > 30 mm piston diameter
- > Range of springs available
- > Öhlins setting bank

NIX

FDK 100 CARTRIDGE KIT

The Öhlins FDK 100 cartridge kit is a great performance upgrade for your bike. Improved handling, cornering and braking are immediately noticed.

SCOOTER PERFORMANCE LINE

Full maintenance capability. Alternative spring rates available.

- > Compression insert
- > Rebound insert
- > Replacement Öhlins top caps
- > Higher performance rate springs

TOP FEATURES











replacement springs for standard applications. Depending on use, different lengths and spring rates are available.

Öhlins experienced service centers are happy to help you in making the correct decision, as well as installing the springs.

FLUIDS ACCESSORIES

Needless to say, the fluid used in the shock is a crucial part of the performance. Leaving nothing to chance, we develop our own suspension fluids, using the more precise Centistoke scale of viscosity rather than the conventional SAE scale. But to help you out a little bit if cSt is not your thing, we did put a small number on the lower right corner of the bottle, to make a reference.

Made with the same precision as other Öhlins products, we believe that our fluids not only do the job of bringing the best out of our shocks.



ÖHLINS STICKERS

Öhlins stickers range gives you the option to personalize your bike or shock. Stickers can be found through the Öhlins network.



ÖHLINS BLUE/YELLOW MEDIUM

Part No: 01196-02 **Size:** 74 x 28 mm



ÖHLINS BLACK/WHITE

Part No: 01196-01 **Size:** 74 x 28 mm



ÖHLINS BLUE/YELLOW MEDIUM

Part No: 11221-01 **Size:** 210 x 79 mm



ÖHLINS RETRO BLACK

Part No: 11221-04 **Size:** 63 x 47 mm



Ö YELLOW SMALL

Part No: 11221-08 **Size:** 17 x 32 mm



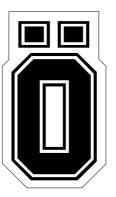
Ö BLACK SMALL

Part No: 11221-09 **Size:** 17 x 32 mm



Ö YELLOW

Part No: 11221-06 **Size:** 43 x 80 mm



Ö BLACK

Part No: 11221-07 **Size:** 43 x 80 mm



ÖHLINS BLACK/WHITE MEDIUM

Part No: 11221-02 **Size:** 210 x 79 mm



77

ÖHLINS RETRO WHITE

Part No: 11221-05 **Size:** 63 x 47 mm

FOR MORE CONTACT INFORMATION

Full information about which models Öhlins products are available for, please contact your local Öhlins distributor or visit

www.ohlins.com/contact/distributors

AFRICA

MAURITIUS Ruben Racing Ltd.
SOUTH AFRICA

MP Custom Valve
Hayward Suspension

ASIA

CHINA Gusto Technik Performance Parts Co. Ltd. HONG KONG
Gusto Technik Performance Parts Co. Ltd.
INDONESIA PT. Madani Sentra Multi Jasa
JAPAN Carrozzeria Japan Co. Ltd.

JAPAN Carrozzeria Japan Co. Ltd.

MALAYSIA High N Lubricant SDN BHD

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TAIWAN Capricore Trading Co. Ltd. VIETNAM Dai Hoang Gia HCM

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ESTONIA Öhlins Northern Europe
FINLAND Öhlins Northern Europe
FRANCE PFP Racing
GERMANY Öhlins DTC
GREECE Extra Products
HUNGARY Öhlins DTC
ICELAND Öhlins DTC

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LATVIA Öhlins Northern Europe
LITHUANIA Öhlins Northern Europe
LUXEMBURG Öhlins DTC
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UNITED KINGDOM Öhlins DTC

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ISRAEL Lee-Gal Motorbikes Ltd.
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Ramfil S.A. de C.V
USA Öhlins USA Inc.

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AUSTRALIA Öhlins Asia
NEW ZEALAND Kiwi Suspension Solutions

SOUTH AMERICA

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