



ADVANCED SUSPENSION TECHNOLOGY



2019
MC STREET
MOTORCYCLE



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.



PASSION,
PERFORMANCE,
PERFECTION



OTHER PRODUCT AREAS



ROAD & TRACK



MOTORSPORT



MX & ENDURO



MOUNTAIN BIKE



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 Tommi Mäkinen, 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...

2019 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 application found in our database has been in our factory for a custom fitment that is how ensure a perfect quality and design fitment. Our forks in not only one of the best performers on the market, in our sense it is also the best-looking forks out there.



FLUIDS
ACCESSORIES



SPRINGS
ACCESSORIES

CARTRIDGE KITS



FKR 100
CARTRIDGE KIT



NIX 30 ADVENTURE
CARTRIDGE KIT



FKC 101
CARTRIDGE KIT



FKC 102
CARTRIDGE KIT



NIX 22
CARTRIDGE KIT



NIX 30
CARTRIDGE KIT

FRONT FORKS



FGR 300
FRONT FORK



FGRT 200
FRONT FORK



FGRT 300
FRONT FORK



FRONT FORK ADVENTURE
FRONT FORK



RETRO 43
FRONT FORK



UNIVERSAL USD 43
FRONT FORK

FRONT FORKS

CARTRIDGE KITS



NIX 30 STREET
CARTRIDGE KIT



FSK 100
CARTRIDGE KIT



FDK 100
CARTRIDGE KIT

2019 PRODUCT OVERVIEW

SHOCK ABSORBERS

Öhlins shock absorbers comes 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 valves, alloys and functionality from our racing knowledge. All our shocks will improve your grip, stability and give a huge boost to the bikes performance.

TYPE STX 36



S36E S36D S36DR1L S36DW S36K

TYPE STX 36 P



S36P S36PL S36PR1 S36PR1C1L

TYPE STX 36 P



S36PR1C1LB S36HR1C1L

TYPE TTX 36



T36PR1C1LS T36PR1C1LB T36PR4C4LS T36PR1C1L

TYPE TTX 39



T39PR4C4S1 T39PR1C1S

TYPE STX 46



S46ER1/DR1 S46ER1S/ DR1S S46DR1LS S46DR1L/ DR1LS CUSTOM

TYPE STX 46 H



S46HR1C1 S46HR1C1S S46HR1C1L

TYPE STX 46 H



S46HR1C1LS S46HR1C1B

TYPE STX 46 P



S46PR1C1W S46PR1C1/ S46PR1C1Q1 S46PR1C1L S46PR1C1LB S46PR1C1S

TYPE STX 46 P



S46PR1C1S S46PR1C1LS S46PR1C2 S46PR1C2L S46PR1C2B S46PR1C2S S46PR1C2LB S46PR1C2LS



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.



SUPERSPORT





SUPERSPORT

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 a number of component and setting improvements which we have combined into the 2018 shock. The 2018 TTX GP will feature a new type of valve which gives better feedback to the rider, also a new piston & band which together with the new valves enhances grip, stability, feedback and consistency. The new adjuster knobs makes it easier to make changes on the fly with or without tools compared to the current 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



SUPERSPORT

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



TTX

SUPERSPORT

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 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.

STX



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

OHLINS.COM

SUPERSPORT

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

- > 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



SUPERSPORT

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



OHLINS.COM

SUPERSPORT

FKR 100 CARTRIDGE KIT

The FKR cartridge kit has technology derived straight from the Moto3, Moto 2 and World Superbike championships developed by our engineers at Öhlins HQ in Sweden. FKR 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



TTX

SUPERSPORT

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



NIX

SUPERSPORT

NIX 22

CARTRIDGE KIT

The Öhlins NIX 22 front fork cartridge kit, for light-weight sportbikes 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 & rebound adjustment
- > External 15 mm preload adjustment
- > 22 mm piston diameter
- > Range of fork springs available



NIX

SUPERSPORT

FSK 100

FORK SPRING KIT

This fork spring kit 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, Honda CBR 250/300R.

TOP FEATURES

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



OHLINS.COM

SUPERSPORT

FGR 300

FRONT FORK

TTX

The FGR 300 is the very essence of advanced suspension technology. Packed with technical solutions developed in MotoGP and World Superbike, 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



SUPERSPORT

FGRT 200

FRONT FORK

NIX

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



ADVENTURE



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

OHLINS.COM

ADVENTURE

STX 46

SHOCK ABSORBER

STX

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 46mm 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

ADVENTURE

NIX 30 ADVENTURE CARTRIDGE KIT

FKA 100 front fork 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-technology
- > Fully adjustable from the top cap
- > Rebound in one leg, compression in the other leg
- > New hydraulic stop to prevent hard bottoming
- > Easy to install and service
- > Different spring rates available



ADVENTURE

FRONT FORK ADVENTURE FRONT FORK

Öhlins Adventure Fork for the Honda CRF 1000L Africa Twin. Based on our trusted RXF motocross fork and the NIX 30 Adventure cartridge kit the new fork comes packed with advantages over the standard equipment.

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





CUSTOM & HERITAGE



CUSTOM & HERITAGE

STX 46

SHOCK ABSORBER

The all new 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!



CUSTOM & HERITAGE

STX 36 P BLACKLINE

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.



TOP FEATURES

- > 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

CUSTOM & HERITAGE



STX 36 DR1L BLACKLINE

SHOCK ABSORBER



For those who want the Blackline shocks but with a more the classic look the STX 36 DR1L 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 DR1L 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

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

CUSTOM & HERITAGE



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

CUSTOM & HERITAGE



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 H-D 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 & rebound adjustment
- > 22 mm piston diameter
- > Range of fork springs available
- > Improved feel, control and comfort
- > Easy to install

CUSTOM & HERITAGE

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



CUSTOM & HERITAGE

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.

TOP FEATURES

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



CUSTOM & HERITAGE



RETRO 43

FRONT FORK

Öhlins 43 mm conventional universal fork for the custom bike builder that wants supreme suspension performance. Retro 43 gives you the familiar Öhlins design in black or gold version. 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 & HERITAGE



UNIVERSAL USD 43

FRONT FORK

Öhlins offer a range of front fork options. For custom builds, the fully adjustable FG 324 and FG 424 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
- > Available in black or gold design
- > Fully adjustable

CUSTOM & HERITAGE

FGRT 300

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 30 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.

NIX



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

STREET PERFORMANCE LINE



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.

STX



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

OHLINS.COM

STREET PERFORMANCE LINE

NIX 22

CARTRIDGE KIT

Öhlins NIX 22, for street bikes. This kit shares many similarities with our NIX 30 products for larger displacement supersport bikes. The NIX 22 Cartridge kit 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.

NIX



TOP FEATURES

- > NIX-technology
- > External compression & rebound adjustment
- > External 15 mm preload adjustment
- > 22 mm piston diameter
- > Range of fork springs available
- > Öhlins Setting Bank

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 cartridges 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 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 & rebound adjustment
- > External preload adjustment
- > 30 mm piston diameter
- > Range of springs available
- > Öhlins Setting Bank

OHLINS.COM

NIX



STREET PERFORMANCE LINE

FSK 100

FORK SPRING KIT

This fork spring kit 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
- > Performance rate springs





SCOOTER PERFORMANCE LINE



SCOOTER PERFORMANCE LINE



STX 46

SHOCK ABSORBER



Öhlins offers a sturdy and cost effective STX 46 shock absorber for scooter. 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

- > STX-technology
- > External preload adjustment
- > Adjustable rebound damping
- > A range of spring rates available
- > Maintenance possibilities
- > 46 mm piston diameter

OHLINS.COM

SCOOTER PERFORMANCE LINE



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 enhance 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.



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 & rebound adjustment
- > External preload adjustment
- > 30 mm piston diameter
- > Range of springs available
- > Öhlins Setting Bank



NIX

SCOOTER PERFORMANCE LINE

FDK 100

CARTRIDGE KIT

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

Full maintenance capability. Alternative spring rates available.

TOP FEATURES

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





SPRINGS

ACCESSORIES

One of the most important aspects of tuning the suspension of the bike to your weight and riding style is to choose the correct spring. Öhlins offer a wide range of springs, not only for our own shock absorbers and front forks but also 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 ORIGINAL MERCHANDISE

From the road to the comfort of your home - Öhlins have got you covered with our exclusive line of merchandise. With an assortment ranging from hoodies to beanies and practical tote bags, it's now possible to always have the true Öhlins feeling with you (or on you).

Designed, tested and scrutinized by our Öhlins crew we can guarantee that our products are high quality, durable and most important – extremely comfy and stylish. With a wide variety of sizes we have a fit for everyone. Stay on track, even off track with Öhlins merchandise as the perfect addition to your wardrobe.

To see the whole Merchandise collection visit www.ohlins.com or your local Öhlins distributor.



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

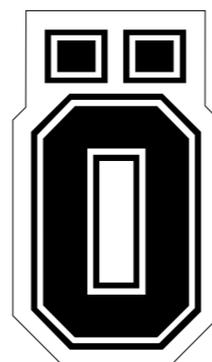
Size: 17 x 32 mm



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

(TRANSPARENT BACKGROUND)



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.



AFRICA

MAURITIUS Ruben Racing Ltd.
SOUTH AFRICA
MP Custom Valve
Hayward Suspension

ASIA

CHINA Gusto Technik Performance Parts Co. Ltd.
HONG KONG Power Motorcycles Specialist
INDONESIA PT. Madani Sentra Multi Jasa
JAPAN Carrozzeria Japan Co. Ltd.
MALAYSIA Trans Techno Enterprise S/B
PHILIPPINES Access Plus Group
SINGAPORE Sporting Motors Pte Ltd.
SOUTH KOREA Neobis Int Co. Ltd.
THAILAND Öhlins Asia
TAIWAN Capricore Trading Co. Ltd.
VIETNAM Dai Hoang Gia HCM

EUROPE

AUSTRIA Öhlins DTC
BELGIUM Öhlins DTC
BOSNIA & HERZEGOVINA Öhlins DTC
BULGARIA Öhlins DTC
CROATIA Öhlins DTC
CYPRUS Extra Products
CZECH REPUBLIC Öhlins DTC
DENMARK Öhlins DTC
ESTONIA Öhlins Auto Norden
FINLAND MP-Racing Oy
FRANCE PFP Racing
GERMANY Öhlins DTC
GREECE Extra Products
HUNGARY Öhlins DTC
ICELAND Öhlins DTC
ITALY Andreani Group International s.r.l
LATVIA Öhlins Auto Norden
LITHUANIA Öhlins Auto Norden

LUXEMBURG Öhlins DTC
THE NETHERLANDS Öhlins DTC
NORWAY Norsk Motor Import A.S.
POLAND FF-Sport
PORTUGAL Multimoto Motor Portugal SA
REPUBLIC OF IRELAND Öhlins DTC
ROMANIA Öhlins DTC
RUSSIA
Pilot-Moto
LLC Dialen Motorsport
Master-Sport Ltd.
SERBIA Öhlins DTC
SLOVAKIA Öhlins DTC
SLOVENIA Öhlins DTC
SPAIN Andreani MHS Ibérica SL
SWEDEN Motospeed AB
SWITZERLAND 3W Motorsport
TURKEY Öhlins DTC
UNITED KINGDOM Öhlins DTC

MIDDLE EAST

DUBAI
Wheels of Arabia
Automotive Design & Development
ISRAEL Lee-Gal Motorbikes Ltd.
LEBANON Lead Race Engineering

NORTH & CENTRAL AMERICA

CANADA Öhlins USA Inc.
MEXICO
Accesorios DESA
Impormotos S.A. de C.V.
Ramfil S.A. de C.V.
USA Öhlins USA Inc.

PACIFIC

AUSTRALIA Öhlins Asia
NEW ZEALAND Kiwi Suspension Solutions

SOUTH AMERICA

ARGENTINA Alpes Racing
BRAZIL
Pro Performance Parts
APM - Associacao dos Pilotos de Motocelocidade
CHILE
Maquinarias TodoChile S.A.
Patricio Arribas y Cia Ltda.
COLOMBIA
12 Clicks
Motowork
PERU Cecchi Motorsports



Öhlins Racing AB Instrumentvägen 8-10 Box 722 SE-19427 Upplands-Väsby, Sweden
Phone: +46 (0)8 590 025 00 Mail: info@ohlins.se Web: www.ohlins.com

 **OHLINSRACING**

 **OHLINSRACING**

 **OHLINSRACING**

 **OHLINSRACING**