



ADVANCED SUSPENSION TECHNOLOGY

# 2018 MIX & ENDURO





## 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



# 2018 PRODUCT OVERVIEW

Tailor made for you! We have the perfect part for your bike, delivering outstanding performance at a competitive price. Öhlins manufactures more than 300 different shock absorber models, every one uniquely fitted to your bike and suited to fit without interfering. We make sure that the product behaves the way it should, through the design of the shim stacks and valves as well as the calibration of the adjusters. This is no guesswork. We try the settings out, in real life, and adjust them until everything works perfect for each and every specific model. Then we assemble the products with utmost precision to ensure superior control of the damping force. That is the key to our success.



**SPRINGS**  
ACCESSORIES



**FLUIDS**  
ACCESSORIES



**TTX 30**  
SHOCK ABSORBER



**STX 46**  
SHOCK ABSORBER



**TTX FLOW**  
SHOCK ABSORBER



**STX 22**  
CARTRIDGE KIT



**TTX 22**  
CARTRIDGE KIT



**RXF 48 S**  
FRONT FORK



# FRONT END PRODUCTS



NEW

MX & ENDURO

# RXF 48 S

FRONT FORK

With RXF 48 S, we have continued our successful development path from previous model improvements. Our keywords have been **'stability, defined and settled without harshness'**. For 2018, we have made updates both internally in the damping system, as well as externally at the lower fork legs. Our 2018 fork will feature golden TiNitride surface treatments on the lower fork legs for **improved durability**, scratch resistance and low friction in high load situations.

The golden appearance with blue contrasts is our way of showing our Swedish origin.

## TOP FEATURES

- > Improved dynamic performance for 2018 year model
- > New gold colored surface treatment
- > Compression adjuster, angled for easy of reach
- > Hydraulic stops for great bottoming resistance
- > Top-out springs and rubbers for smooth top out feeling
- > Gold and blue color scheme

TTX



MX & ENDURO

NEW

# TTX 22

CARTRIDGE KIT

The same technology we equip our Öhlins front forks with is available as cartridge kits to be fitted in your bike's standard front forks. We set a development aim for 2018 which we reached by redesigning crucial internal valve parts as well as modifying our shim stack's layouts. With these changes combined, we're happy to offer the rider a fork we experience **improved in stability, rigidity, defined position**, defined front wheel feedback, settled movement and ability to handle bigger impacts. Of course with our trade marks traction and no harshness untouched.

## TOP FEATURES

- > Improved dynamic performance for 2018 year model
- > Compression adjuster, angled for easy of reach
- > Hydraulic stops for great bottoming resistance
- > Top-out springs and rubbers for smooth top out feeling
- > Available for all major MX and Enduro models

TTX



MX & ENDURO

# STX 22

CARTRIDGE KIT

Öhlins STX 22 cartridge kits share a lot of features from our big bike's kits and are powerful upgrades available for 85cc bikes. **Designed with racing in mind**, quick and continuous responses in damping are key features which directly slow down upcoming motions without harshness. STX 22 is designed to rise low above the triple clamps, allowing the forks to be mounted far up in the triple clamps with a small handlebar clearance. **Click adjusters and air breather are easily reachable** as they are angled out from underneath the handlebar.

## TOP FEATURES

- > Efficient hydraulic stop for improved bottoming resistance
- > Adjustable compression and rebound
- > Spring pressurized system to compensate for heat changes and provide reliable damping behavior
- > Converts Air-forks to spring type forks for better reliability and constant performance.
- > Full maintenance and service capability

STX



# SHOCK ABSORBERS



MX & ENDURO

# TTX FLOW

SHOCK ABSORBER

With our 2018 TTX Flow we've continued to refine the great 2017 product by adding some even more durable internal components to extend the shocks possible life. The TTX Flow **gives the bike improved traction, comfort and predictability** which enhances bike stability. For 2018 we're adding in another step of improved bottoming control by an updated bump rubber layout as well as a new PDS design on our shocks for link-less bikes for a smoother transition and gentler bottoming feeling.

## TOP FEATURES

- > Patent pending pressure technology
- > Improved bottoming resistance through new bump rubber design
- > Compression and rebound adjusters with indicators
- > Easy spring change due to new spring clip design
- > Easy spring preload adjustment
- > Wide range of springs

**TTX**



MX & ENDURO

# STX 46

SHOCK ABSORBER

For the young and promising racers, we are offering our performance charged shock called STX 46. The shocks are fully adjustable with rebound, high- and low-speed compression adjusters. For 2018, we are adding the **same PDS design as introduced at TTX Flow** giving smoother and gentler bottoming feeling. Additionally, we have fine-tuned shock's dynamics and settings to be able to deliver what we have learned riders are asking for; Excellent comfort, stability and bottoming control to allow riding hard in the safest possible way.

## TOP FEATURES

- > Improved dynamics equals better function
- > Updated PDS function for smoother bottoming feeling
- > Two way compression adjuster
- > Wide range of low speed compression adjustment, 3 clicks
- > high speed adjustment
- > Full maintenance and service capability

**STX**



## MX & ENDURO

# TTX 30

## SHOCK ABSORBER

Öhlins are proud to offer our family of shocks for 50 & 65 cc MX-bikes - TTX 30! Thanks to the small diameter the TTX-technology can be brought in a small package to fit these bikes. Having good suspension is vital when you begin and start honing your race craft and speed. **A comfortable performance driven shock absorber** means the rider can use less energy to go fast, giving better control, higher safety and of course in the end more energy towards the end of the race to fight for the victories.

### TOP FEATURES

- > No Cavitation risk
- > Compression and rebound adjusted separately
- > Different spring rates available
- > Full maintenance and service capability

**TTX**



## 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.

# ÖHLINS ORIGINAL MERCHANDISE

Öhlins Original Merchandise is designed to keep you stylish, comfortable, functional and durable. Its designed, tested and scrutinized by Öhlins crew and represent our values and heritage.

**To see the whole Merchandise collection visit [www.ohlins.com](http://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.



**Ö YELLOW SMALL**

**Part No:** 11221-08

**Size:** 17 x 32 mm



**Ö BLACK SMALL**

**Part No:** 11221-09

**Size:** 17 x 32 mm



**ÖHLINS BLUE/YELLOW**

**Part No:** 01196-02

**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

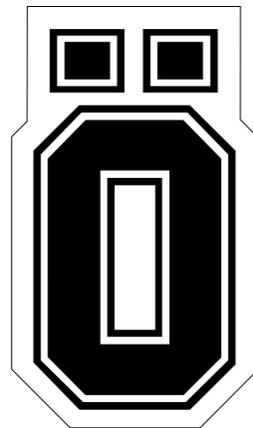
**Size:** 63 x 47 mm



**Ö YELLOW**

**Part No:** 11221-06

**Size:** 43 x 80 mm



**Ö BLACK**

**Part No:** 11221-07

**Size:** 43 x 80 mm



**ÖHLINS BLACK/WHITE**

**Part No:** 01196-01

**Size:** 74 x 28 mm

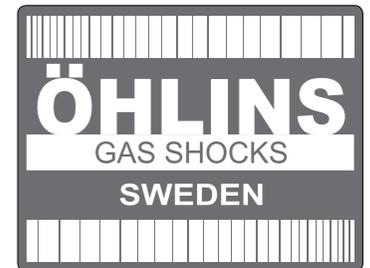


**ÖHLINS BLACK/WHITE MEDIUM**

**Part No:** 11221-02

**Size:** 210 x 79 mm

(TRANSPARENT BACKGROUND)



**ÖHLINS RETRO WHITE**

**Part No:** 11221-05

**Size:** 63 x 47 mm

# MX & ENDURO RECOMMENDATION LIST 2018

MODEL	YEAR	PART NO	P. FAMILY	P/C	REC.SPRING
<b>BETA - SHOCKS</b>					
RR 2T 125	2018	BA 1884	TTX Flow	226	06310-or 06451-series
RR 2T 250/300 Racing	2016-2018	BA 1884	TTX Flow	226	06310-or 06451-series
RR 4T 350/430/480 Racing	2016-2018	BA 1884	TTX Flow	226	06310-or 06451-series
RR 2T 250/300	2016-2018	BA 1884	TTX Flow	226	06310-or 06451-series
RR 4T 350/390/430/480	2016-2018	BA 1884	TTX Flow	226	06310-or 06451-series
<b>BETA - FRONT END</b>					
RR 2T 125	2018	FGBA 1884	TTX 22	247	08765- series
RR 2T 250/300	2016-2018	FGBA 1884	TTX 22	247	08765- series
RR 4T 350/390/430/480	2016-2018	FGBA 1884	TTX 22	247	08765- series
RR 4T 350/430/480 Racing	2016-2018	FGBA 1886	RXF 48 S	1156	08765- series
RR 4T 350/390/430/480	2016-2018	FGBA 1886	RXF 48 S	1156	08765- series
RR 2T 250/300 Racing	2016-2018	FGBA 1886	RXF 48 S	1156	08765- series
RR 2T 250/300	2016-2018	FGBA 1886	RXF 48 S	1156	08765- series
<b>HONDA - SHOCKS</b>					
CRF 250R	2018	HO 1893	TTX Flow	226	06310- or 06451- series
CRF 450R	2017-2018	HO 1894	TTX Flow	226	06310- or 06451- series
<b>HONDA - FRONT END</b>					
CRF 450R	2017-2018	FGHO 1894	TTX 22	247	08431-series
CRF 250R	2018	FGHO 1893	TTX 22	247	08431-series
CRF 250R	2016-2018	FGHO 1896	RXF 48 S	1156	08765-series
CRF 450R	2016-2018	FGHO 1896	RXF 48 S	1156	08765-series
<b>HUSQVARNA - SHOCKS</b>					
TC 85 High/Low	2018	KT 1890	STX 46 MX	226	00698-series
FC 250/350	2016-2018	KT 1893	TTX Flow	226	06310- or 06451- series
FC 450	2016-2018	KT 1894	TTX Flow	226	06310- or 06451- series
FE 350/450/501	2017-2018	HA 1884	TTX Flow	226	06310- or 06451- series
TC 125	2016-2018	KT 1892	TTX Flow	226	06310- or 06451- series
TC 250	2017-2018	KT 1892	TTX Flow	226	06310- or 06451- series
TX 125/ TE 250/300 / FE 250	2017-2018	HA 1882	TTX Flow	226	06310- or 06451- series
<b>HUSQVARNA - FRONT END</b>					
FC 250/350/450	2016-2018	FGKT 1896	RXF 48 S	1156	08765- series
TC 125/250	2016-2018	FGKT 1896	RXF 48 S	1156	08765- series
FC 250/350	2017-2018	FGKT 1893	TTX 22	247	08765- series
FC 450	2017-2018	FGKT 1894	TTX 22	247	08765- series
FE 250/350/450/501	2017-2018	FGKT 1884	TTX 22	247	08765- series

With reservation for changes.

MODEL	YEAR	PART NO	P. FAMILY	P/C	REC.SPRING
TC 125/250	2017-2018	FGKT 1893	TTX 22	247	08765- series
TX 125 / TE 250/300	2017-2018	FGKT 1884	TTX 22	247	08765- series
<b>KAWASAKI - SHOCKS</b>					
KX 250F	2017-2018	KA 1893	TTX Flow	226	06310- or 06451- series
KX 450F	2017-2018	KA 1894	TTX Flow	226	06310- or 06451- series
<b>KAWASAKI - FRONT END</b>					
KX 250F	2013-2018	FGKA 1893	TTX 22	247	08765- series
KX 450F	2015-2018	FGKA 1894	TTX 22	247	08431- series springs
KX 250F	2013-2018	FGKA 1896	RXF 48 S	1156	08765- series springs
KX 450F	2009-2018	FGKA 1896	RXF 48 S	1156	08765- series springs
<b>KTM - SHOCKS</b>					
85 SX	2018	KT 1890	STX 46 MX	226	PDS, 00698-series spring
125/150 SX	2016-2018	KT 1892	TTX Flow	226	06310- or 06451- series
150/250/300 XC-W USA/CAN/AUS/NZ/MEX	2017-2018	KT 1882	TTX Flow	246	06320- or 06452-series
250 EXC-F/ 250 EXC- F Six Days Europe	2017-2018	KT 1882	TTX Flow	246	06320- or 06452-series
250 SX	2017-2018	KT 1892	TTX Flow	226	06310- or 06451- series
250/300 EXC	2017-2018	KT 1882	TTX Flow	246	06320- or 06452-series
250/300 EXC Six Days Europe	2017-2018	KT 1882	TTX Flow	246	06320- or 06452-series
250/300 XC USA/CAN/AUS/NZ/MEX	2017-2018	KT 1893	TTX Flow	226	06310- or 06451- series
250/350 SX-F	2016-2018	KT 1893	TTX Flow	226	06310- or 06451- series
250/350/450 XC-F USA/CAN/AUS/NZ/MEX	2016-2018	KT 1893	TTX Flow	226	06310- or 06451- series
350/450/500 EXC-F	2017-2018	KT 1884	TTX Flow	246	06320- or 06452-series
350/450/500 EXC-F Six Days Europe	2017-2018	KT 1884	TTX Flow	246	06320- or 06452-series
450 SX-F	2016-2018	KT 1894	TTX Flow	226	06310- or 06451- series
<b>KTM - FRONT END</b>					
85 SX	2018	FGKT 1890	STX 22	106	08789- series springs
85 SX 16"/19"	2018	FGKT 1890	STX 22	106	08789- series springs
85 SX 14"/17"	2018	FGKT 1890	STX 22	106	08789- series springs
125/150 SX Europe	2016-2018	FGKT 1893	TTX 22	247	08765- series springs
125/150/250 SX USA/CAN/AUS/NZ/MEX	2017-2018	FGKT 1893	TTX 22	247	08765- series springs
150/250/300 XC-W USA/CAN/AUS/NZ/MEX	2017-2018	FGKT 1884	TTX 22	247	08765- series springs
250 SX Europe	2017-2018	FGKT 1893	TTX 22	247	08765- series springs

With reservation for changes.

MODEL	YEAR	PART NO	P. FAMILY	P/C	REC.SPRING
<b>KTM - FRONT END</b>					
250/300 EXC	2017-2018	FGKT 1884	TTX 22	247	08765- series springs
250/300 EXC Six Days Europe	2017-2018	FGKT 1884	TTX 22	247	08765- series springs
250/300 XC USA/CAN/AUS/NZ/MEX	2017-2018	FGKT 1893	TTX 22	247	08765- series springs
250/350 EXC-F	2017-2018	FGKT 1884	TTX 22	247	08765- series springs
250/350 EXC-F Six Days Europe	2017-2018	FGKT 1884	TTX 22	247	08765- series springs
250/350 SX-F Europe	2016-2018	FGKT 1893	TTX 22	247	08765- series springs
250/350 SX-F USA/CAN/AUS/NZ/MEX	2017-2018	FGKT 1893	TTX 22	247	08765- series springs
250/350/450 XC-F USA/CAN/AUS/NZ/MEX	2017-2018	FGKT 1893	TTX 22	247	08765- series springs
450 SX-F Europe	2016-2018	FGKT 1894	TTX 22	247	08765- series springs
450 SX-F USA/CAN/AUS/NZ/MEX	2017-2018	FGKT 1894	TTX 22	247	08765- series springs
450/500 EXC-F	2017-2018	FGKT 1884	TTX 22	247	08765- series springs
450/500 EXC-F Six Days Europe	2017-2018	FGKT 1884	TTX 22	247	08765- series springs
125/150/250 SX	2016-2018	FGKT 1896	RXF 48 S	1156	08765- series springs
250/350/450 SX-F	2016-2018	FGKT 1896	RXF 48 S	1156	08765- series springs
250/300 XC USA/CAN/AUS/NZ/MEX	2017-2018	FGKT 1896	RXF 48 S	1156	08765- series springs
250/350/450 XC-F USA/CAN/AUS/NZ/MEX	2017-2018	FGKT 1896	RXF 48 S	1156	08765- series springs
<b>MARZOCCHI - FRONT END</b>					
For Marzocchi 50mm Fork	2018	FGMA 1895	TTX 22	247	
<b>SHERCO - SHOCKS</b>					
300 SE-R Racing	2018	SH 1884	TTX Flow	226	06310- or 06451- series
<b>SHERCO - FRONT END</b>					
300 SE-R Racing	2018	FGSH 1886	RXF 48 S	1156	08765- series
<b>SUZUKI - SHOCKS</b>					
RM-Z 250	2016-2018	SU 1893	TTX Flow	226	06310-or 06451-series
RM-Z 450	2018	SU 1894	TTX Flow	226	06310-or 06451-series
<b>SUZUKI - FRONT END</b>					
RM-Z 250	2016-2018	FGSU 1893	TTX 22	247	08765-series
RM-Z 250	2013-2018	FGSU 1896	RXF 48 S	1156	08765-series
RM-Z 450	2013-2018	FGSU 1896	RXF 48 S	1156	08765-series
RM-Z 450	2018	FGHO 1894	TTX 22	247	08431-series

With reservation for changes.

MODEL	YEAR	PART NO	P. FAMILY	P/C	REC.SPRING
<b>YAMAHA - SHOCKS</b>					
WR 250F	2015-2018	YA 1893	TTX Flow	226	06310- or 06451- series
YZ 125/250 2stroke	2013-2018	YA 1892	TTX Flow	226	06310- or 06451- series
YZ 250F	2014-2018	YA 1893	TTX Flow	226	06310- or 06451- series
YZ 450F	2018	YA 1894	TTX Flow	226	06310- or 06451- series
<b>YAMAHA - FRONT END</b>					
YZ 125/250 2stroke	2015-2018	FGYA 1893	TTX 22	247	08765- series
YZ 250F	2014-2018	FGYA 1893	TTX 22	247	08765- series
YZ 450F	2014-2018	FGYA 1894	TTX 22	247	08765- series
YZ 250F	2014-2018	FGYA 1896	RXF 48	1156	08765- series
YZ 450F	2014-2018	FGYA 1896	RXF 48	1156	08765- series

MODEL	PART NO	TYPE CODE	P/C	LENGTH	SPRING
<b>VINTAGE MX</b>					
Classic MX	CC 606	S36D	13	360	00180-90
13	CC 718	S36P	13	380.5	00480-01

If you can't find your bike in the list, please contact your local Öhlins Distributor, [www.ohlins.com](http://www.ohlins.com).



## FOR MORE CONTACT INFORMATION PLEASE VISIT

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  
Hilton Hayward

### ASIA

**CHINA** Gusto Technik Performance Parts  
**HONG KONG** Power Motorcycles Specialist  
**INDONESIA** PT. Madani Sentra Mult Jasa  
**JAPAN** Carrozzeria Japan Co., Ltd  
**MALAYSIA** High N Lubricant S/B  
**PHILIPPINES** Access Plus Group  
**SINGAPORE** Sporting Motors Pte Ltd  
**SOUTH KOREA** Neobis Int Co., Ltd  
**THAILAND** Öhlins Asia Co., Ltd  
**TAIWAN** Capricore Trading Co. Ltd  
**VIETNAM** Dai Hoang Gia Spare Parts & Racing Parts Pte

### EUROPE

**AUSTRIA** Öhlins DTC  
**BELGIUM** Öhlins DTC  
**BOSNIA AND HERZEGOVINA** Öhlins DTC

**BULGARIA** Öhlins DTC  
**CROATIA** Öhlins DTC  
**CYPRUS** Extra Products  
**CZECH REPUBLIC** Öhlins DTC  
**DENMARK** Öhlins DTC  
**ESTONIA** Larsen Kabanduse OÜ  
**FINLAND** MP-Racing Oy  
**FRANCE** PFP Racing  
**GERMANY** Öhlins DTC  
**GREECE** Extra Products  
**HUNGARIA** Öhlins DTC  
**ICELAND** Öhlins DTC  
**ITALY** Andreani Group International s.r.l  
**LATVIA** Motofavorits  
**LITHUANIA**  
UAB Proracing  
Jiezno UAB Juta  
**LUXEMBURG** Öhlins DTC  
**THE NETHERLANDS** Öhlins DTC  
**NORWAY** Norsk Motor Import A.S.  
**POLAND**  
InterCars S.A.  
Fast Forward  
**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

**BAHRAIN** Wheel of Arabia  
**DUBAI** Öhlins Middle East  
**ISRAEL** Lee-Gal Motorbikes Ltd.  
**LEBANON** Lead Race Engineering

### NORTH & CENTRAL AMERICA

**CANADA** Öhlins USA Inc.  
**MEXICO** Accesorios Desa  
**USA** Öhlins USA Inc.

### PACIFIC

**AUSTRALIA**  
Steve Cramer Products  
Teknik Motorsport  
**NEW ZEALAND** Kiwi Suspension Solutions

### SOUTH AMERICA

**ARGENTINA** Alpes Racing  
**BRAZIL** Ultra Suspension Solutions  
**CHILE** Palmax  
**COLOMBIA** 12 Clicks  
**PERU** Cecchi Motorsports



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