MOUNTAIN BIKE SPRING

THE MOST ADVANCED SPRING DESIGN FOR GETTING YOUR MAXIMUM PERFORMANCES
FROM SUPER-ALLOY RACING EXPERIENCE THE NEW EVOLUTION OF EXTREME RACING SHOXS SPRINGS NOW LIGHTER AND EXTREMELY PERFORMANT

GRIP

TRUST

SPEED
EXT Springs was developed in 2013 during a motorsport project with HONDA RACING. Extreme Racing Shox has developed a new spring design and researched new materials to achieve very high stress spring with a very short open length and a large stroke. From this successful project EXT has reversed the know-how to manufacture dedicated springs for mountain bike market with the aim to offer the lightest steel spring design in the World: know all over the World as SUPER ALLOY RACING springs, today used by some of the faster downhill and enduro racer. A special spring materials compound that have outstanding mechanical characteristics compare to the normal spring steel materials.

Today we can offer a new innovative and special compound with silicium/chrome/vanadium base and a dedicate design, special heat treatment including other process during coils forming results a very special spring design that can be stressed to the maximum offering as end a lighter spring for the same stroke and rate compare to Titanium. All EXT Springs rate increase by 25lbs for allow any rider to a finest tuning at 1/3 of Titanium springs costs. EXT Spring has been developed and produced with the greatest possible care, and that top quality materials have been used. Continuous manufacturing controls, and inspections are standards in our company.
Every EXT Springs are carefully calculated to the minimum length for the stroke required. This mean that your coil shock can cover totally the available stroke, but also a lighter weight because every extra mm is eliminated as it’s not necessary. EXT springs not need any preload (maximum 2mm preload) this for offer you the best feeling of a coil shock.

EXT Springs are extremely linear. As the load on the spring increases, the spring compresses an amount directly proportional to that load. In general, the most performance oriented and springs designed for racing are going to have a linear rate. The consistent nature of linear rate springs makes the bike stable, optimizes traction, and makes the bike more predictable for the rider.

When you look at the performance of your bike you logically look also at the weight. With EXT Springs you can save a lot of weight still using a more performant coil shock. A most common spring for a 8.5x2.5” (216x63mm) with a 400lbs values weighs only 336gr. Our springs are as light as titanium but not only that, they are within 1.5% accuracy. Better than any other spring on the market.

Thanks to the latest innovations we develop a brand new spring’s length: the 117. This is directly developed for satisfy mountain biker enthusiast. A lot of bikers have got more than a single bike. With the new spring’s length is easy to switch a spring from a bike to another one. For example the 117mm length spring can be used for a 190x51 or a 216x63mm.

EXT Springs are projected for a long time use. Thanks to improved mechanical caracteristic and the Hard Epoxy Coating, our springs reach a life duration of 500,000 cycles without losing any propriety. Tested directly on the main race track of UCI Downhill World Cup and Enduro World Series special stages, EXT Springs last a lifetime.

We are a racing company that believe in boosting performance of our customers. This is why we offer EXT Springs with a 25lbs steps. We need to allow every rider to the finest tuning of his suspension. With our springs you can be sure to have the correct rate for every kind of race, surface or weather conditions.

All EXT Springs have got an inner diameter of 38.5mm. Thanks to this is possible to fit our springs in mostly of the others mountain bike’s shocks absorber brands. This may require the EXT Spacers for a correct fitting. The spring results more stable and eliminates shock rub that can be found with lesser quality springs.

- We strongly believe in innovation, developing new technologies to reach new level of absolute performance, while assuming maximum safety - YOUR PODIUM OUR GOAL
The lightest and shortest EXT springs. This are the first spring length that we introduce in the mountain bike world in 2014 with the name of Super Alloy Racing Spring. Specially designed to be installed in the 190x51mm (7.5x2") shocks and able to cover until the metric size of 210x55mm.

The coils distance of EXT springs are different from rate to rate. This for be sure to achieve the minimum weight possible and of course to cover the stroke for which they are designed.

The EXT spring inner diameter is 38.5mm and fits all EXT shocks as well as RockShox, Fox Racing Shox, DVO, X-Fusion, Marzocchi, Cane Creek and the main others mountain bike shocks brands. Could be necessary the EXT Spacers, sold separately.

Retail price: 98,00 €

<table>
<thead>
<tr>
<th>Spring Rate</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>325lbs</td>
<td>237gr</td>
</tr>
<tr>
<td>350lbs</td>
<td>270gr</td>
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<tr>
<td>375lbs</td>
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<td>400lbs</td>
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<td>475lbs</td>
<td>287gr</td>
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<tr>
<td>500lbs</td>
<td>317gr</td>
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<tr>
<td>550lbs</td>
<td>346gr</td>
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<tr>
<td>600lbs</td>
<td>364gr</td>
</tr>
</tbody>
</table>

**FEATURES**

- Proprietary Super Light Design
- Extreme Linear Ratio
- Hard Epoxy Coating
- Lenght: 105mm
- Inner Diameter: 38.5mm
- Stroke Covered: from 40 to 55mm
- Length Covered: from 190 to 210mm
- Adaptable to all type of shocks
- Life duration: over 500,000 cycles
- EXT Spacers for all other shocks
- Custom Rates On Demand
- Switchable to different shock lengths:
  - 7.5x2" (190x51mm)
  - 7.8x2.2"(200x57mm)
  - 190x40mm
  - 190x45mm
  - 210x50mm
  - 210x55mm
The performance of your shock is strictly linked to your spring choice. Extreme Racing Shox has developed a brand new compound and a new length thanks to the latest racing experiences.

Thanks to our R&D Department, in the last months, we have developed a new dedicated compound, and a new length for our super light springs: the 117.

One of the biggest feature by far is that EXT springs are designed, calculated and projected for the damper’s stroke that its need to cover. The 117mm is an innovative size that allow us to fit the springs itself from the 7.5 inches (190mm) length shocks to the 8.5 inches (216mm) shocks and completely cover from 51mm (2.0 inches) to 63.5mm (2.5 inches) stroke without any compromise. The 117 can also installed in the metric shocks from 210x50 to 230x60mm. We believe in innovation and our aim is to allow riders to the maximum performance.

The new EXT spring inner diameter is 38.5mm and fits all EXT shocks as well as RockShox, Fox Racing Shox, DVO, X-Fusion, Marzocchi, Cane Creek and the main others mountain bike shocks brands. Could be necessary the EXT Spacers, sold separately.

The new 117 mountain bike springs are offered at the same retail price as ever:

Retail price: 98,00€

### EXT 117 RATE WEIGHT

<table>
<thead>
<tr>
<th>Rate</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>325lbs</td>
<td>284gr</td>
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<tr>
<td>350lbs</td>
<td>268gr</td>
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<tr>
<td>375lbs</td>
<td>300gr</td>
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<td>400lbs</td>
<td>336gr</td>
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<td>425lbs</td>
<td>320gr</td>
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<td>475lbs</td>
<td>343gr</td>
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<td>500lbs</td>
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<td>525lbs</td>
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<td>550lbs</td>
<td>355gr</td>
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<tr>
<td>575lbs</td>
<td>397gr</td>
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<tr>
<td>600lbs</td>
<td>384gr</td>
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### FEATURES

- Proprietary Super Light Design
- Extreme Linear Ratio
- Hard Epoxy Coating
- Length: 117mm
- Inner Diameter: 38.5mm
- Stroke Covered: from 51 to 63.5mm
- Length Covered: from 190 to 216mm
- Adaptable to all type of shocks
- Life duration: over 500,000 cycles
- EXT Spacers for all other shocks
- Custom Rates On Demand
- Switchable to different shock lengths:
  - 7.5x2.0” (190,5x51mm)
  - 7.8x2.2” (200x57mm)
  - 210x50mm
  - 210x55mm
  - 230x60mm
  - 8.5x2.5” (216x63mm)
One of EXT best seller springs. This was one of the first spring lenghts that we introduce in the mountain bike world. Specially designed to be installed in the 222x70mm (8.7x2.7") shocks and able to cover until the 241x76mm (9.5x3.0")

But not only the imperial sizes. The 140mm spring can be installed also in the metric ones. A wide range of lbs rates from a very soft 225lbs to a harder 500lbs. The coils distance of EXT springs are differe from rate to rate. This for be sure to achieve the minimum weight possible and of cours to cover the stroke for which they are designed.

The new EXT spring inner diameter is 38,5mm and fits all EXT shocks as well as RockShox, Fox Racing Shox, DVO, X-Fusion, Marzocchi, Cane Creek and the main others mountain bike shocks brands. Could be necessary the EXT Spacers, sold separately.

Retail price: 98,00 €
The longest EXT Spring available. The 175 is developed to cover the 10.50 inches length (267mm). Rates start from a very soft 250lbs and, as the other springs, follow the 25lbs steps until reach the 400lbs.

The 175 EXT Spring is developed for true downhiller enthusiast for increasing shock performance. EXT 175 springs are lighter than the other common steel spring based on the same lbs rating.

The new EXT spring inner diameter is 38,5mm and fits all EXT shocks as well as RockShox, Fox Racing Shox, DVO, X-Fusion, Marzocchi, Cane Creek and the main others mountain bike shocks brands. Could be necessary the EXT Spacers, sold separately.

**Retail price:** 115,00 €

<table>
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<td>554gr</td>
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<tr>
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<td>523gr</td>
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<tr>
<td>375lbs</td>
<td>570gr</td>
</tr>
<tr>
<td>400lbs</td>
<td>629gr</td>
</tr>
</tbody>
</table>

**FEATURES**
- Proprietary Super Light Design
- Extreme Linear Ratio
- Hard Epoxy Coating
- Length: 175mm
- Inner Diameter: 38,5mm
- Stroke Covered: 89mm - 3.5”
- Length Covered: 267mm - 10.5”
- Adaptable to all shocks brands
- Life duration: over 500,000 cycles
- Custom Rates On Demand
ONE SPRING TO FIT THEM ALL

Thanks to the different length you can use the EXT springs not only for a single shock but for mostly of your bikes. In addition to this our new compound allow us to have a spring lighter than before.

An extremely linear spring design for reach the highest performance on every kind of race or surfaces.

All EXT springs are available in different rates that as usual increase by 25lbs steps. This allow every rider to a finest tuning of the shock.

The high tensile spring steel, which is of the same specification as, for example, those used by EXT in the WTCC and World Rally Championship, guarantees a minimum weight at maximum spring travel.

The EXT spring inner diameter is 38,5mm and fits all EXT shocks as well as:

- RockShox
- Fox Racing Shox
- DVO Suspension
- X-Fusion Shox
- Marzocchi
- Cane Creek
- Ohlins

Retail price: 10,00 €
YOUR PODIUM OUR GOAL

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