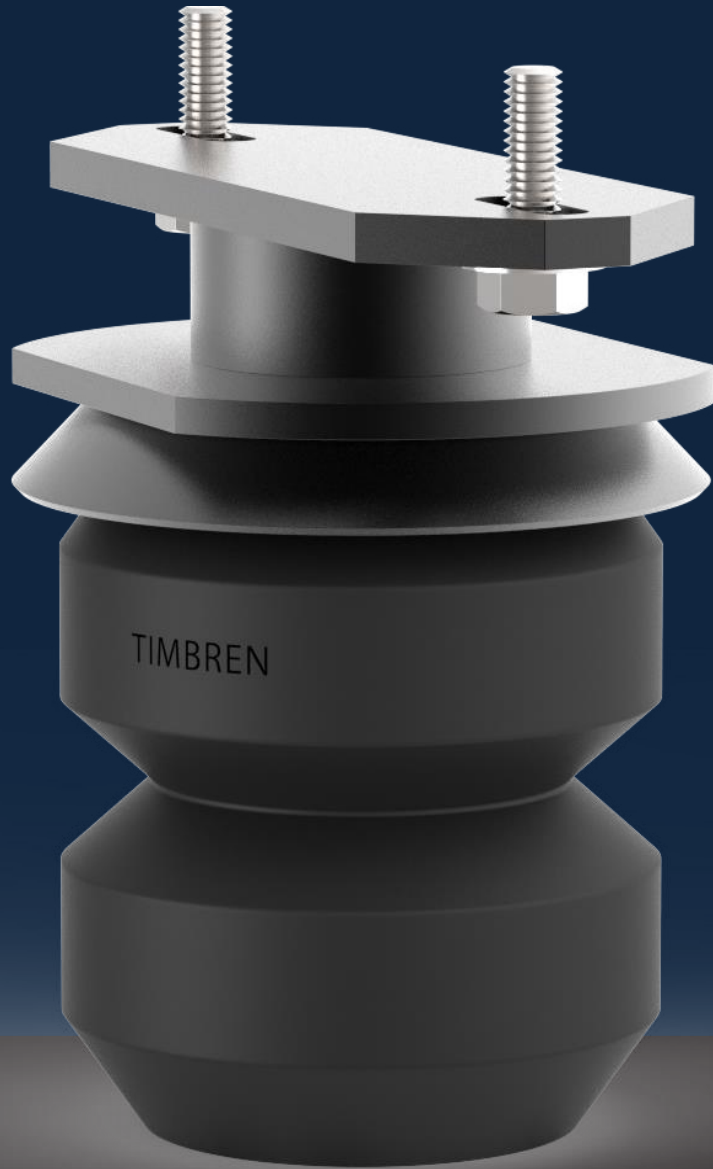


TIMBREN AFRICA



SES *SUSPENSION
ENHANCEMENT
SYSTEMS*

SUSPENSION & TOWING SOLUTIONS



TIMBREN SES SPACER KITS ALLOW BAKKIES WITH AFTERMARKET LIFTS TO PROPERLY USE TIMBREN SES KITS AND EXPERIENCE THE SAME SUSPENSION PERFORMANCE AS STOCK BAKKIES.

DON'T SACRIFICE FUNCTION FOR STYLE. TIMBREN SES SPACER KITS GIVE LIFTED BAKKIES THE SUSPENSION PERFORMANCE THAT TODAY'S CONSUMERS DEMAND.

ACTIVE OFFROAD BUMPSTOPS

Progressive design

HARDWARE

No running to the hardware store, we include all the mounting hardware you need.

POWDER COATED STEEL

Precision cut & powder coated steel for superior protection.

PROGRESSIVE RUBBER SPRING

Provides you with the right amount of dampening regardless of the impact.



BOLT-ON DESIGN

Pre-drilled holes to make your install quick & easy.

PRECISE HARDNESS

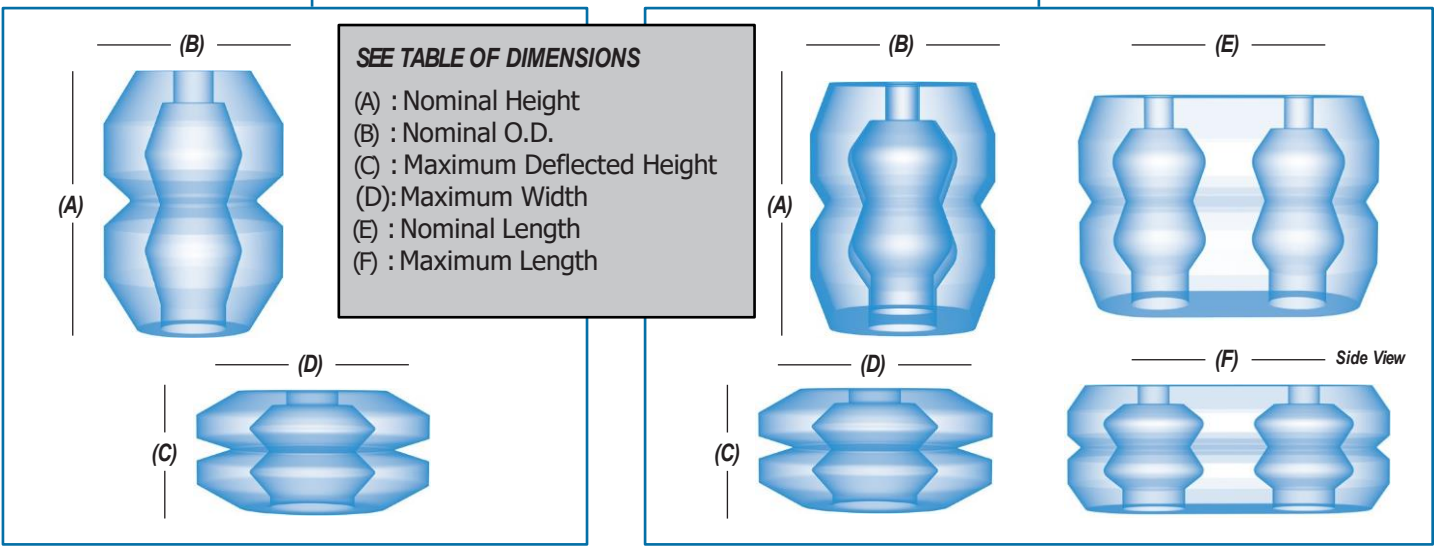
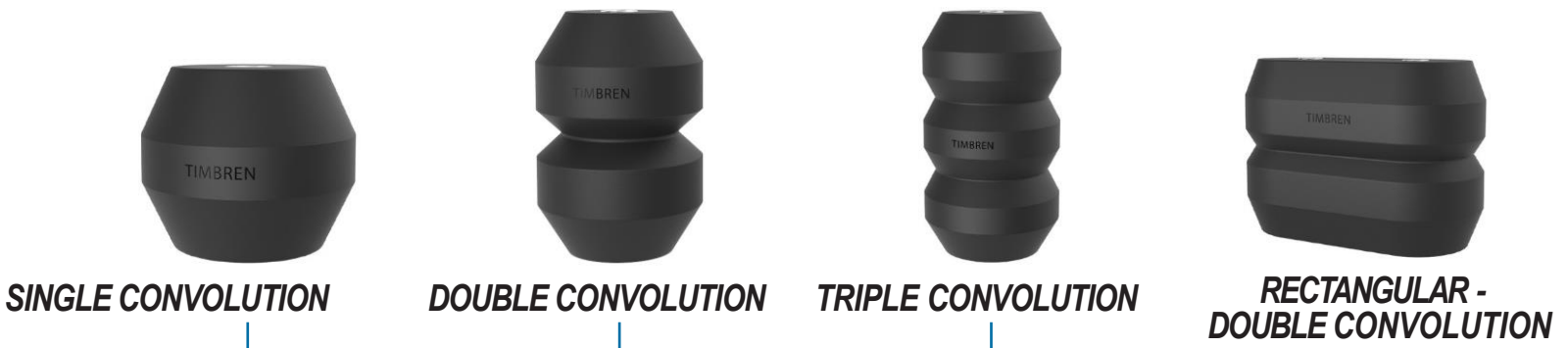
The hardness of the Aeon® rubber spring is specifically chosen to give you the best results on the trail.

LIFETIME WARRANTY

We stand behind the products we make so we've got your back the whole way.



AEON® HOLLOW RUBBER SPRINGS - HOW TO READ THE TABLE OF DIMENSIONS

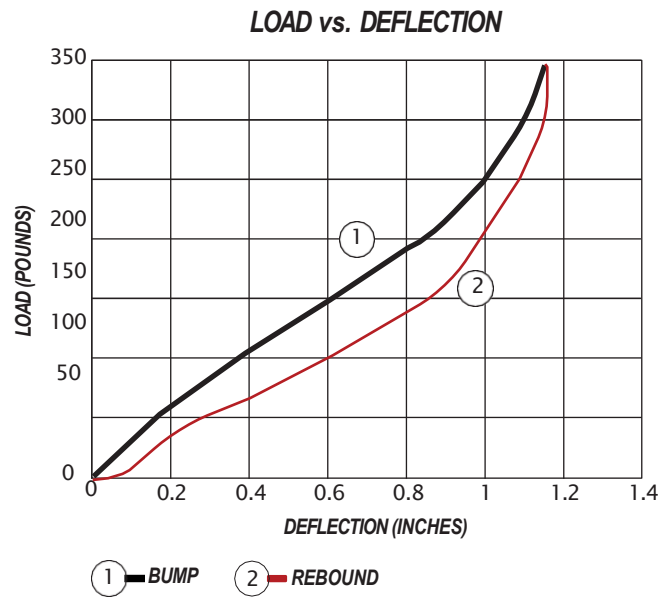


AEON® HOLLOW RUBBER SPRINGS - LOAD DEFLECTION CURVES

Aeon® Hollow Rubber springs are available in a wide range of sizes and capacities and are successfully used in numerous custom applications.

Individuals requiring additional technical support in the choosing of Aeon® springs are encouraged to contact Timbren Customer Technical Aftersales: +27 (0)81 230 0794

Load/ Deflection Curves are available upon request.



AEON® HOLLOW RUBBER SPRINGS – TECHNICAL INFORMATION

For over 50 years, Aeon® hollow rubber springs are used throughout the world as a sole suspension, an auxiliary spring and a vibration isolator.

As a Sole Suspension: Among the many unique characteristics inherent in an Aeon® hollow rubber spring, there are two properties that enable them to provide high performance per unit weight when used as a sole suspension: 1) Variable spring rate, 2) Self-damping. This is why rubber spring suspensions can withstand severe loads – at maximum capacity – without bottoming out.

Manufacturers of agricultural equipment specify Aeon® hollow rubber springs. They know that Aeon® springs greatly reduce shock transmitted to the frame. Aeon® springs are also used on military, mining and forestry vehicles.

As an Auxiliary Suspension Aeon® hollow rubber springs come in several different shapes, sizes and durometers. Timbren is able to provide over 400 upgrade kits for most makes and models – everything from smaller bakkies and SUVs all the way up to Class 8 vehicles.

Single-convolution Aeon® springs have a relatively short deflection curve. They work well in small spaces, and applications that require a more aggressive spring rate. Double-convolution Aeon® springs that have a longer deflection curve provide increased shock absorption.

As a Vibration Isolator Aeon® hollow rubber springs are used to reduce vibration and absorb shock on more than automotive applications. Sometimes all that is required is noise deduction. Most applications require shock absorption and/or vibration reduction to reduce the wear and tear on high-impact machinery.

VARIABLES THAT AFFECT AEON® HOLLOW RUBBER SPRINGS' PERFORMANCE

Aeon® hollow rubber springs can be altered by many outside factors such as: spring mounting, support design, spring support surface friction, frequency and operating temperature.

The friction co-efficient of the spring support member plays a significant role. In other words, a support surface with a friction co-efficient similar to sandpaper will greatly enhance performance compared to a wet, slippery surface.

Rubber springs take a "set" after a few cycles to maximum deflection. This can alter the unloaded height by approximately 5%. All Aeon® deflection curves are based on springs cycled to induce spring set.





POWDER COATED STEEL

Precision cut & powder coated steel for superior protection.



BOLT-ON DESIGN

Pre-drilled holes to make your install quick & easy.



PRECISE DUROMETER

The perfect mixture of strength & stability to keep your loads level no matter what you haul.



LIFETIME WARRANTY

We stand behind the products we build, so we've got your back for as long as you own the vehicle.



RUBBER SPRING

You carry a lot of different loads. Our progressive spring rate is there for you each & every time.

TIMBREN  **AFRICA**

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