



Residential Door Systems

Product Overview

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Our residential door systems are high quality and designed to ensure maximum durability and easy installation.

Thanks to our innovative HOME system combined with our other products, we are able to provide a suitable solution for every situation.

DOCO products and systems are designed by our own R&D department to comply with strict European safety and sustainability directives.

In addition to this, our products are subjected to extensive testing with DOCO designed and developed equipment to guarantee the quality of



the components we deliver.

We ensure that as a new or existing customer, you will know that DOCO stands for quality and reliability.



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Modular system with a universal track set suitable for every residential solution



HOME-X



HOME-F



HOME-R

One solution for all garage doors

HOME is our modular system that offers a solution to almost every residential door situation. The system uses one universal track set which serves as a base for one of the following systems:

HOME-X

System with extension springs

HOME-F

Front mounted torsion springs

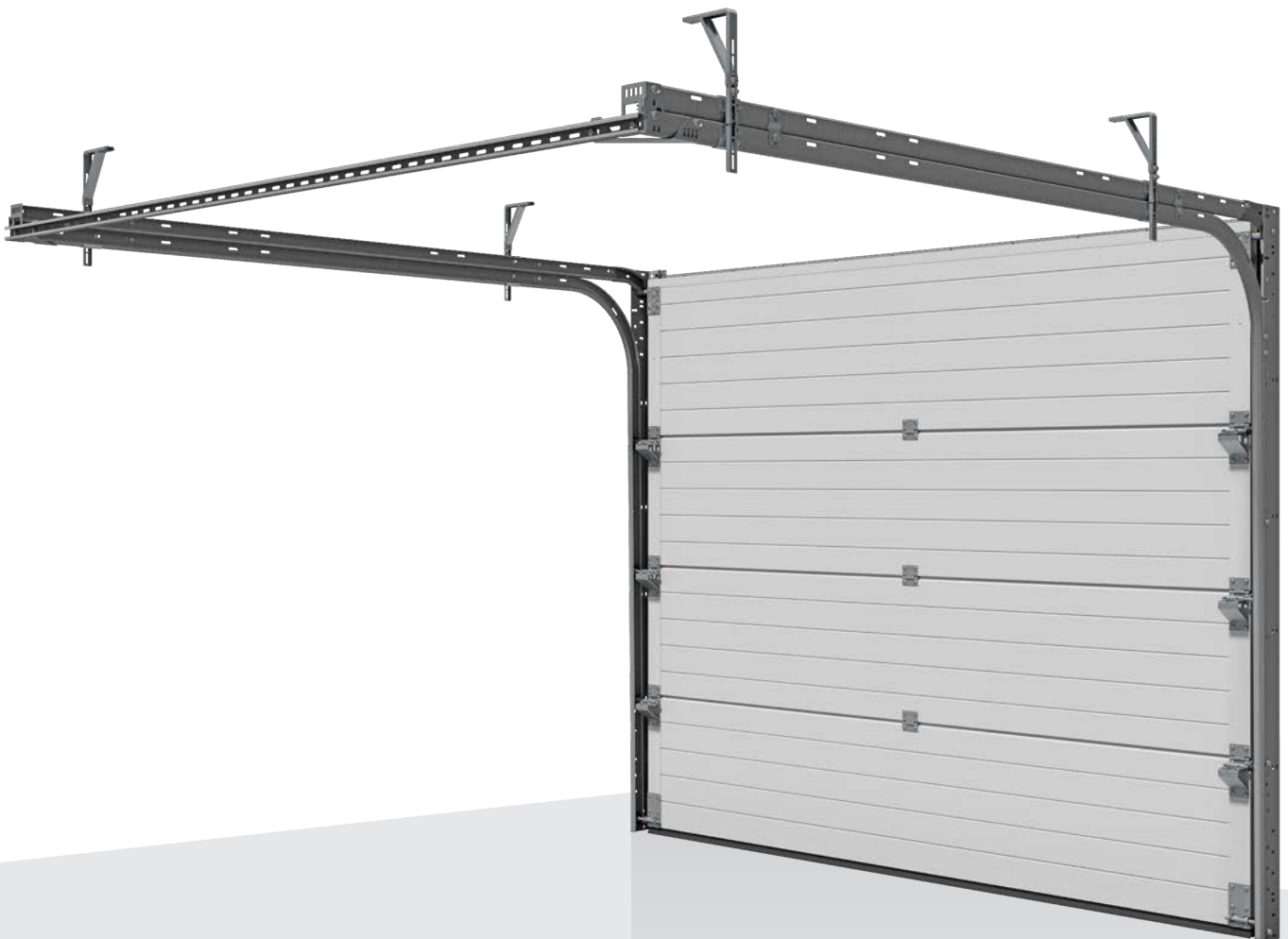
HOME-R

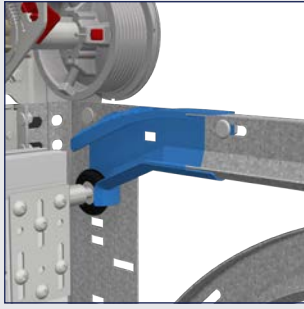
Rear mounted torsion springs

All three systems fit onto the same track set. This makes HOME a very flexible system that will save you money and storage space.



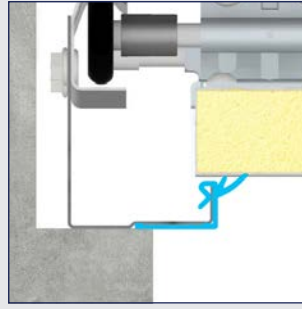
HOME





Straight or curved track set

In all variants it is possible to choose a horizontal track set with a straight track or a short aluminum curve.



Profile and seal

Vertical angles and lintel profiles can be placed up to 30 mm in the daylight size. The side seal guarantees perfect sealing.



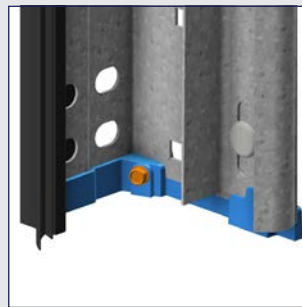
Cutting

All track sets can be trimmed by up to 125 mm without the need of drilling extra holes.



Extension spring cover

For extra safety and improved aesthetics, an extension spring cover can be chosen for HOME-X.



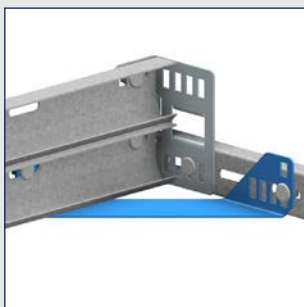
Plastic foot for the vertical angle

By using these plastic feet corrosion on the bottom of the vertical angle will be prevented.



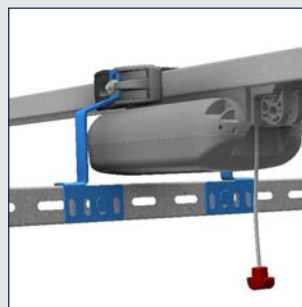
Preparation for photo eye

Holes for the SOMMER photo eye are already pre-drilled in the vertical angles.



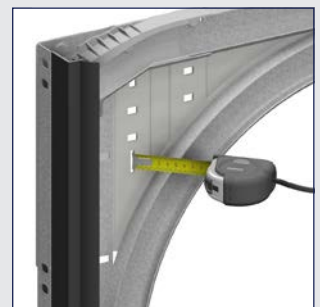
Alignment

Aligning the door is easier and faster when you use an alignment profile.



SOMMER operator bracket set

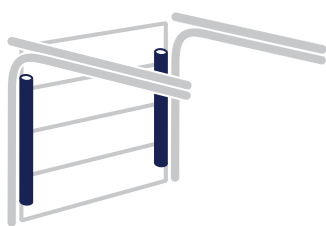
Specially designed to mount a SOMMER base+ operator to the C-profile.



Smart side connection plate

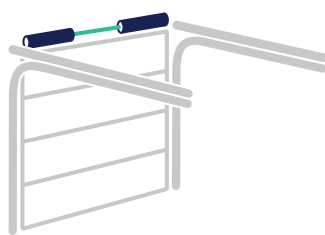
With an extra hole to allow measuring from corner to corner to check squareness.

HOME



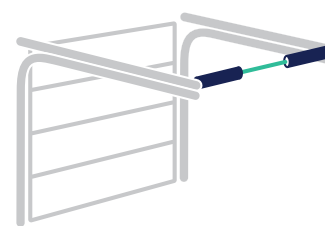
HOME-X

- Residential door system with extension springs
- Easy and fast to assembly, thanks to a unique suspension system using innovative components
- Integrated and patented cable length compensator
- Fully prepared spring set
- Optional extension spring cover



HOME-F

- Residential door system with front mounted torsion springs
- Patented torsion spring power unit positioning system
- Most widely applicable residential door solution



HOME-R

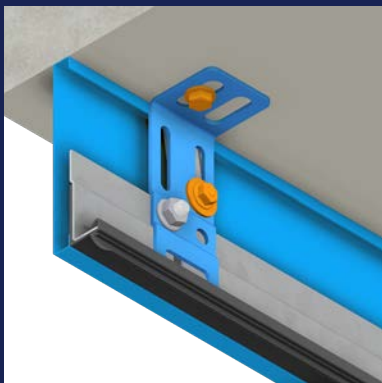
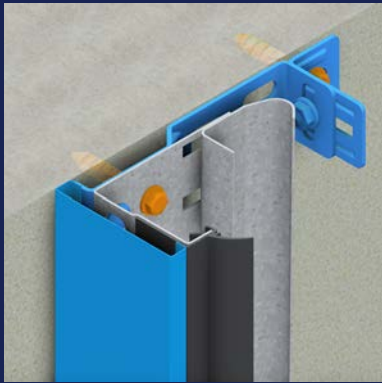
- Residential door system with rear mounted torsion springs
- Patented torsion spring power unit positioning system
- Reduced build in space makes it perfect for renovation projects

	HOME-X	HOME-F	HOME-R
Max. door weight	130 kg	295 kg*	165 kg
Max. door size	W 5500** H 2500	W 6000** H 3000	W 5500** H 3000
Required side space	Minimum*** 55 Standard 85	Minimum*** 55 Standard 85	Minimum*** 55 Standard 85
Required lintel build in space with manual operation	Minimum*** 60 Standard 90	Minimum*** 160 Standard 190	Minimum*** 60 Standard 90
Required lintel build in space with automatic operation	Minimum*** 90 Standard 120	Minimum*** 160 Standard 190	Minimum*** 90 Standard 120

Dimensions shown are in mm

* Certified system limit depending on operator / ** Depending on door height and weight / *** Reduction of drive-through size (max. 30 mm in height and each side)

***When there is no side space
or headroom available***



HOME Zero

For situations without any side space or headroom we have designed an add-on for our HOME system called HOME Zero. These components allow you to install the track set directly to the wall or ceiling. The connections are covered with high quality profiles for a durable and modern finish.

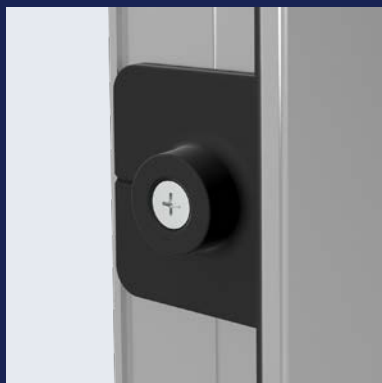
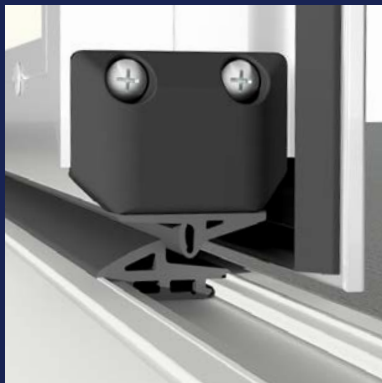
An ideal solution for so called tunnel garages or renovation projects with almost no side space or headroom.

- Ideal for situations with **smooth walls** and **no side space**
- Completely suitable for **HOME-X** or **HOME-R**
- Suitable for **HOME-F** if only the side space is limited
- A cover profile of **120 mm for the lintel or sides** and a cover profile of **85 mm for the sides**
- To be used with a maximum garage width of **3170 mm** and a maximum ceiling height of **3000 mm**
- Available in **various RAL colours**



HOME Zero





The innovative pass door that is very easy to install

Pass Door

Our Pass Door is a durable, robust and easy to install system that is available as a kit or in separate parts.

Each Pass Door comes with **aesthetic end caps** for the threshold which require no extra machining of the aluminum. The system is fitted with **two-point door catchers*** to add both stability and durability and keep the door in the ideal position. Our **finger safe solution** prevents fingers from getting caught between the aluminum frame parts. Each system comes with **internal adjustable hinges** and **a high-end sealing solution** developed in cooperation with door specialist Groke, part of the SOMMER Group.

Thanks to the **safety contact** developed by SOMMER which can easily be installed invisibly in the aluminum profiles the main door will not open unless the Pass Door is fully closed.

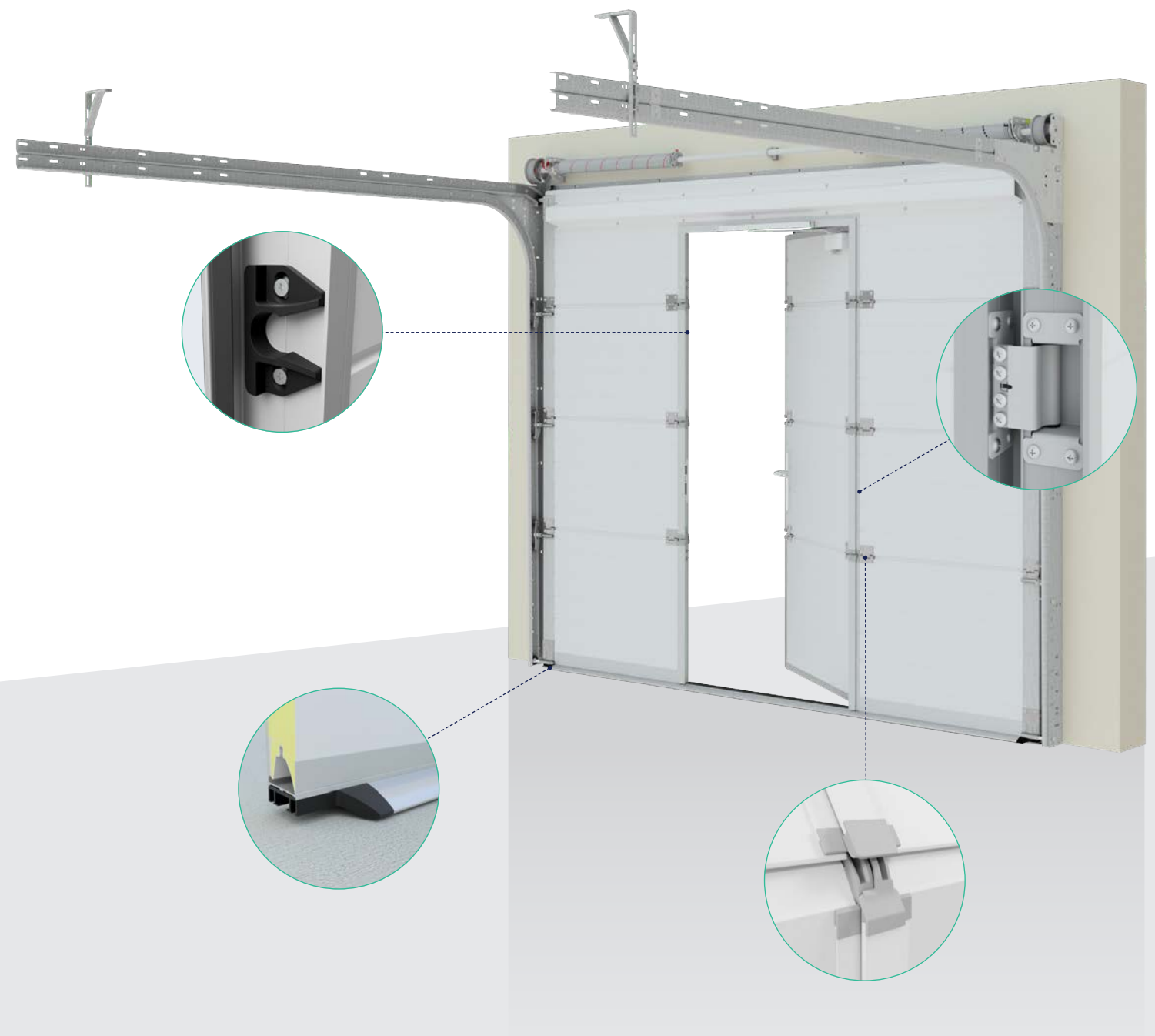
The entire sectional door with Pass Door can be pre-assembled and transported with our special **transport brackets** for safe transportation and easy installation on location.

- A **low threshold** of only **23 mm** guarantees easy access
- Our Pass Door is available as **DIN Right** or **DIN Left** and can be ordered as **a kit** or as **separate parts**
- The Pass Door kit has a free pass through width of **840 mm** with an opening angle of **90°**

* Patent pending



Pass Door



Quality in every step of the process

Efficiency and reliability are the most important features of our supply chain. This is something you can count on as we continually review and improve our production and delivery process not just to meet, but to exceed, your expectations.

Using the latest equipment we are always able to deliver in full and on time. You don't have to worry, you can rely on us to deliver your order which enables you to stay focused on growing your business.



Production Process

How does it work? After placing your order a file is generated and sent to our assembly centre. Every component is picked using an advanced pick-to-light system. Long items, like tracks, are also picked using the pick-to-light system and are then automatically cut to length.

Digital measuring instruments are used to check every component again before packaging. An advanced camera system registers every step of the process to ensure quality and consistency in the entire production process.





Order Processing

Hardware Boxes

Our hardware boxes contain all of the hardware components needed to build a complete door. When ordering high quantities you have the option to create custom hardware boxes. We also provide standard boxes for smaller orders.

For example, if you want every RAL9016 option along with duplex rollers and silent hinges, we will create a sample box, weigh it and use it as a benchmark for all boxes in your order. The boxes will be packed just for you and with attention to detail.

Transport

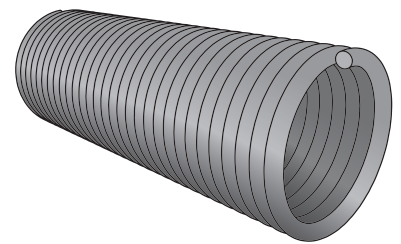
Prior to transportation, your order is carefully secured in flatbed style packaging made entirely from cardboard to reduce waste and make recycling simple. From our production sites we assemble, pack and ship systems up to 6 metres in length.

Thanks to our widespread distribution network we are proud to be delivering our systems and components to customers in all parts of the world!



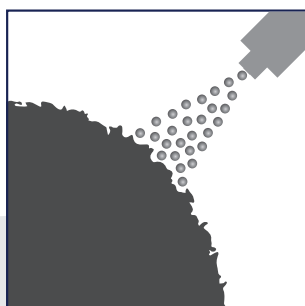
DOCO offers a broad selection of springs for residential doors from stock

To make sure you choose the right springs for your installation, you can use this overview which explains the different types of springs and their advantages.

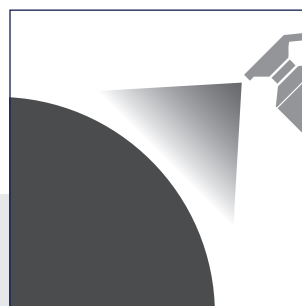


Shot Blasted & Powder Coated Springs

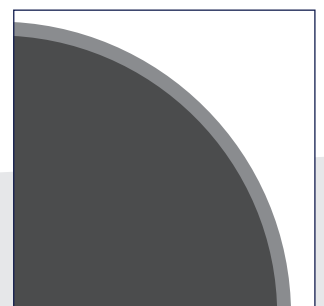
- Powder coated for extra protection
- Easier assembly due to lighter and smaller springs
- Longer lifetime compared to equally sized black springs
- Increased fatigue strength and reduced cracking stress
- High-end appearance
- Less duplex solutions needed
- Overall a less expensive solution



Shot Blasting



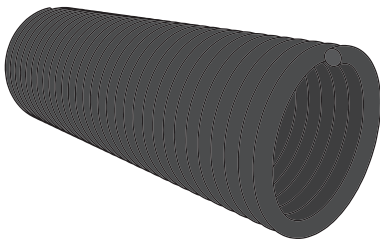
Powder Coating



Result

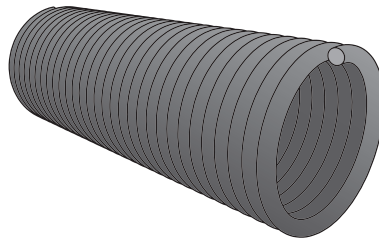


Springs



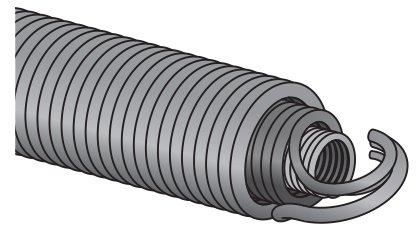
Black Springs

- Basic standard springs



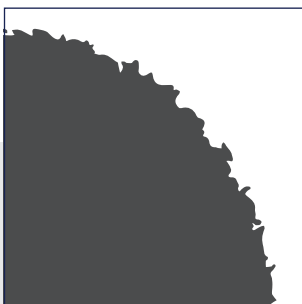
Galvanized Springs

- Higher resistance to corrosion than black springs

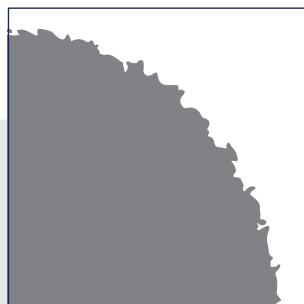


Extension Springs

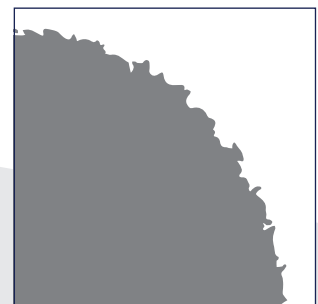
- Always a combination of two or three springs



Detail



Detail



Detail

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