



Door Systems

Product Overview



DOCO International was founded in 1983 by Georges de Schwartz. Since then, we have kept to our core value: to be a reliable and stable partner in providing high-quality solutions for the sectional door industry. Even after Mr. de Schwartz passed away in 2005, this remains the fundamental rule within the organisation. This now also applies across more than 60 countries in which we operate.

We're the door manufacturer's best partner

In October 2013 DOCO became a member of the SOMMER Group. The group's core belief is that you can only be successful over the long term if all members work together towards the same goal. This makes each company a leading player within the sectional door industry. We combine our expertise to develop and deliver the highest quality components and systems.

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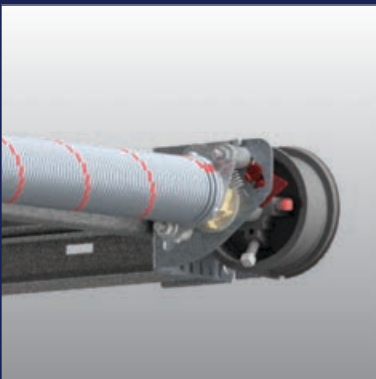
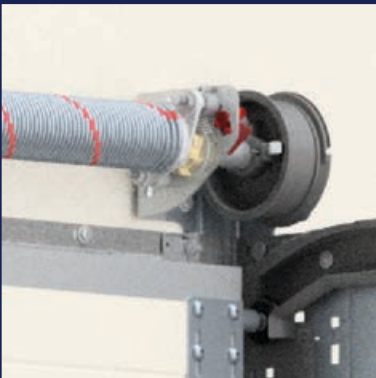
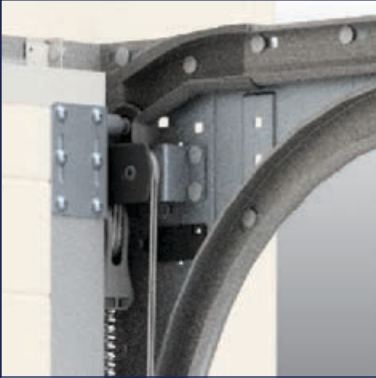




Residential door systems

DOCO's residential door systems excel in their innovative features. DOCO markets a modular door systems under the name HOME, which are all easy and quick to install. A solution for the most diverse residential installation scenarios, and adaptable to every requirement. In short, a smart combination of innovation and high build quality.

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



HOME system

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 system



One solution for all garage doors



		HOME-X	HOME-F	HOME-R
 Max. door weight		130 kg	295 kg*	165 kg
 Max. door height		3000 mm	3500 mm	3000 mm
 Max. door width		5500 mm**	6000 mm**	5500 mm**
 Min. side space		> 85 mm***		
 Min. headroom		> 90 mm***	> 190 mm***	> 90 mm***
		> 120 mm***		> 120 mm***

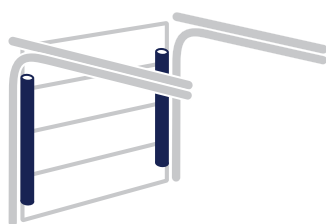
* Certified system limit depending on operator

** Depending on door height and weight

*** Reduces drive-through size (max. 30 mm in height and each side)

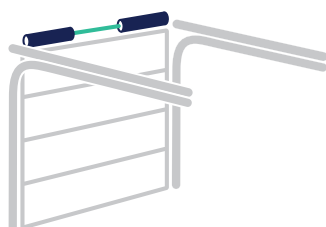


HOME



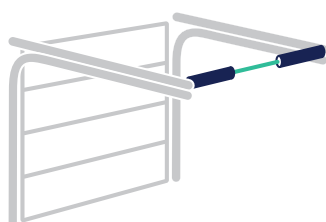
HOME-X

- Residential door system with extension springs
- Easy and fast to assembly, thanks to a unique balancing system using innovative components
- Integrated and patented cable length compensator
- Fully prepared spring set
- Optional extension spring cover
- Pre-tensioned extension springs are optional for the entire range



HOME-F

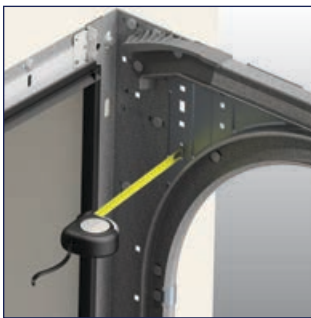
- Residential door system with front mounted torsion springs
- Patented torsion spring power unit positioning system



HOME-R

- Residential door system with rear mounted torsion springs
- Patented torsion spring power unit positioning system

Very well equipped as standard



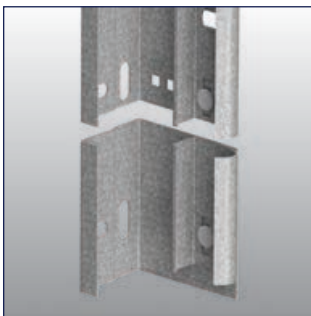
Smart side connection plate

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



Frame installation

The system can be fitted by one person. This enables a quick and convenient installation.



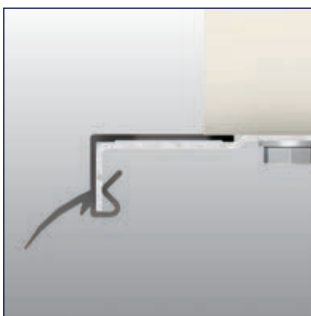
Shortening the vertical tracks

The vertical track sets can be shortened up to 125 mm without drilling additional holes.



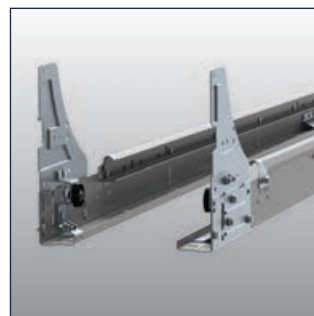
Galvanized or RAL9016

Most of our panel hardware is available in RAL9016 or galvanized finish.



Placement in the daylight size

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



Pre-assembled vertical rail sets

This option includes a vertical rail set with pre-assembled cover plates, spring connection strips and pulleys.



HOME features



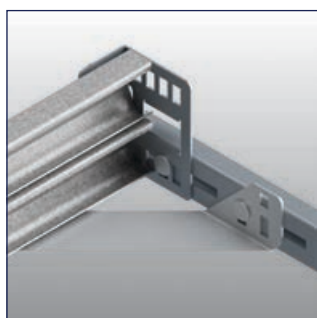
Straight or curved track set

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



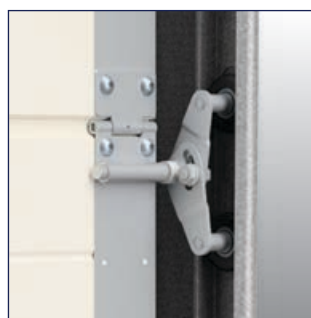
CE certification

The certification is valid for EPCO, Italpannelli, Kingspan, Niemetz, Tecnopan, Marcegaglia and Metecno panels.



Alignment

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

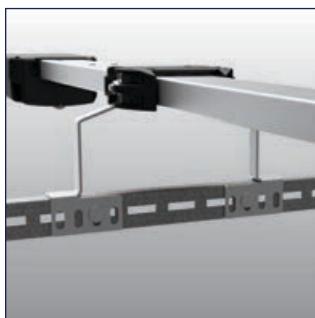


Standard or duplex rollers

Choose between standard or duplex side hinges.

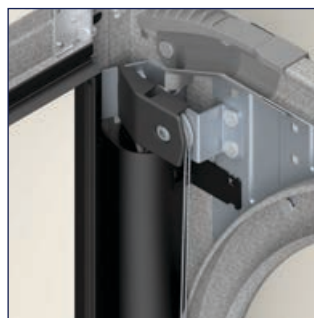


The HOME system can be expanded with various accessories



SOMMER operator bracket set

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



Extension spring cover

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



Adjustable top roller carrier

Completely flush with the
top panel. Then completely
adjustable.



Rust prevention

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



Solution for 60 mm panels

Thanks to the hole pattern,
you can adjust the offset
for 60mm panels. You only
need a rail connection
plate with offset.



Heat/cold resistance

We offer a special
seal with improved
thermal properties; an
increased U-value up to
12% compared to the
standard seal.

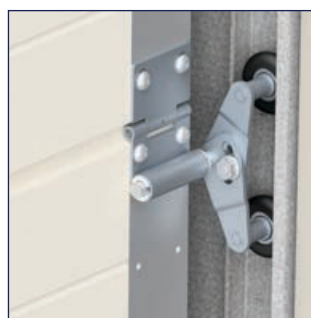


HOME accessories



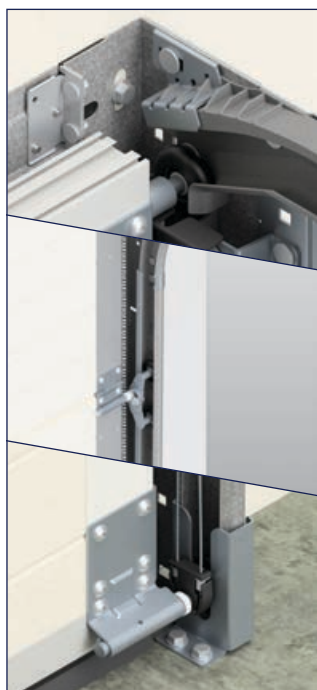
Renovation cover profile

This cover profile enables installation from 55 mm headroom. Ideal for renovation projects.



Silent hinges

Multiple silent solutions available.



Burglar protection

These three products increase protection against a break-in through a HOME garage door.

Our burglar resistant products add extra resistance against forced entry with a quality mark up to class RC2.



Pre-tensioned springs

Our HOME-X system with pre-tensioned springs can be installed by only one person within just 10 minutes. The weight of the door is not an issue anymore because the springs carry 85-90% of the load.

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



HOME Zero

For situations without any side space or headroom we have designed and 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 **without side space**
- Completely suitable for **HOME-X** or **HOME-R**
- 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 **RAL9016** and **RAL7016**



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 **failsafe 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°**



Pass Door



Save time with our intuitive residential door configurator



Residential door configurator

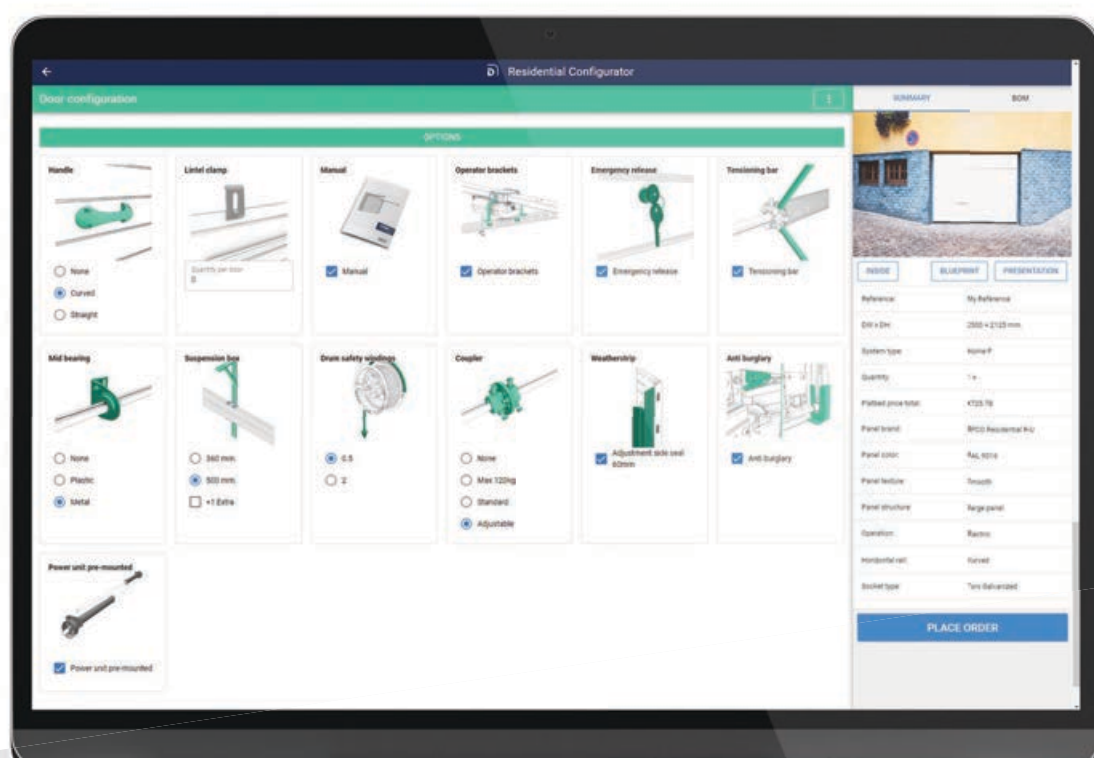
One of our user-friendly digital tools is the residential door configurator. The configurator **generates a complete* door assembly**. Thanks to the intuitive interface, you can order a complete* residential door in just a few steps. Once you have entered all the information, view and download the extensive documentation provided by DOCO.

Configurations can be saved and ordered again at any time. When starting a new configuration the application will use **your preferences** to save even more time during configuration.

In a couple of steps, it is possible to configure a complete* residential door:

- Define the available dimensions
- Configure the panel layout and hardware
- Add optional components
- View, download and order your configuration directly

Residential door configurator







Industrial door systems

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

Thanks to our wide range of systems and components, 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.

Our made to measure industrial door systems make your life easier



Industrial Track Set

At the core of our industrial door systems is an industrial track set, available in a three different base configurations: **Standard Lift**, **High Lift** and **Vertical Lift**. The tracks of a standard or high lift can be modified using a pitch bracket to follow the pitch of a building (up to 45°).

All of our sets are made to measure and are designed with great attention to detail. Each industrial door system has its very own track set to ensure the best possible fit.

With our wide range of industrial track sets and hardware components we can offer you a solution for almost every situation.

To help you choose the right door system, components and **springs** for your specific situation, we have created an easy to use **online door configurator**.



Industrial track set



One universal track set applicable to all suitable door sizes



	Vertical Lift	High Lift	Standard Lift
 Max. door weight	518 kg	660 kg	
 Max. door height	6000 mm	6500 mm*	6500 mm
 Max. door width	7500 mm**		
 Max. door surface area	48 m ²		
 Pitched curve	-	5° - 10° - 15° - ... - 45°	
 Min. headroom	DH + 505 mm***	HL + 235 mm*	420 mm***

* Depending on daylight height, high lift value and cable drum

** Certified up to 8500 mm

*** Depending on cable drum



Industrial track set



Vertical Lift

- Ideal solution when several door openings are close together
- Perfect for applications where there is minimum side room
- Makes efficient use of the high ceilings in warehouses
- With straight rails or breakaway incline



High Lift

- Suitable for situations with extra headroom
- Perfect when additional workspace clearance is required



Standard Lift

- This type of system requires the standard headroom and can be placed in almost every situation

Quality systems for all industrial door suppliers



Angle with double sealing system

By placing the side seal 20 mm inwards, extra space is created, which minimizes the chance of the panel hitting the lintel.

The double seal guarantees the best permeability performance to water, heat and air.

Easy access to the double slotted holes.



Safety Track

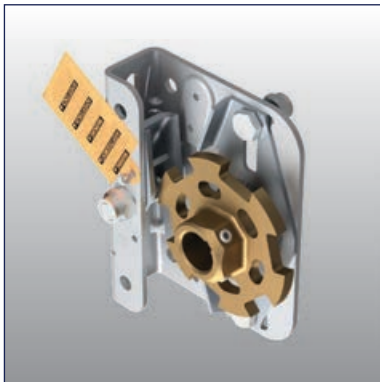
The raised track edges prevent the rollers from slipping out of the track.



Cable positioning

Our bearing brackets create more space between the cable drums and the panel.

Industrial track set



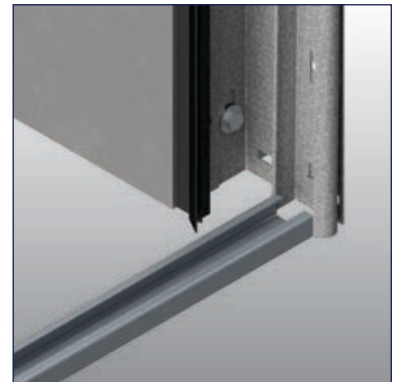
Heavy Duty Spring Break Device

An extremely stable design and construction. For a bigger offset we have designed an extended HD bracket.



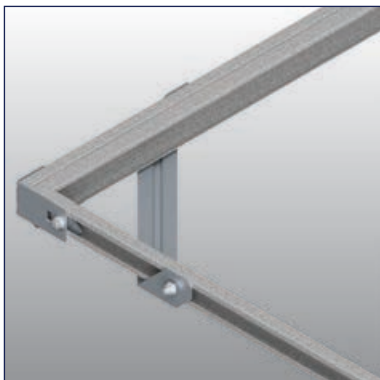
Pitch door

The pitch bracket makes easy and smooth installation possible without drilling.



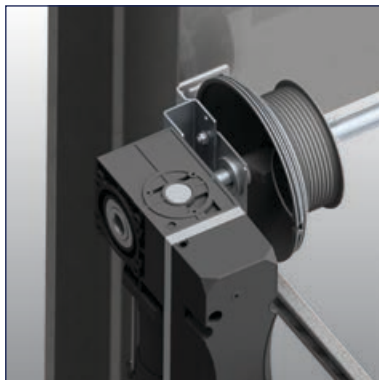
Easy installation / distance check

Use the c-profile as a spacer for the vertical tracks. This makes installation more accurate, faster and easier.



Alignment

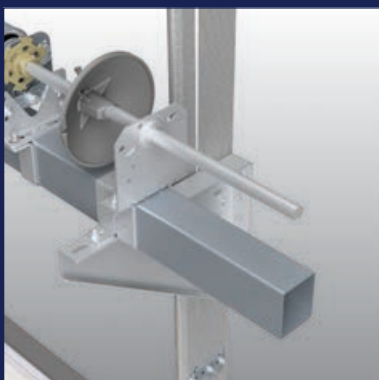
Increase stability. It is not necessary to measure crosswise.



Universal operator support bracket

This support bracket is universal, and is suitable for SOMMER, GFA, Marantec and MFZ-Ovitor operators.

Industrial door solution with a low-level positioned power unit to allow easy service



Low Level

The low-level positioned power unit makes the system easy to install and maintain. The low-level positioning is possible because of the steel beam, which supports the complete power unit.

General

- Suitable for doors up to **6500 mm** wide and door weights up to **350 kg**

Vertical lift

- For doors between **2500 mm** and **6000 mm** high

High Lift

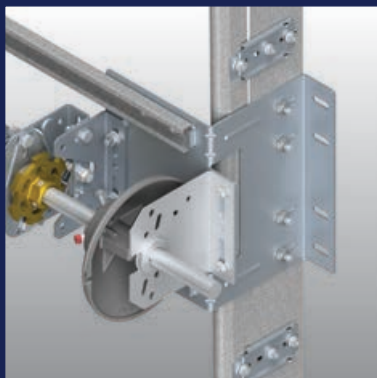
- For doors between **1700 mm** and **6000 mm** high
- Door height + high lift **< 9950 mm**
- High lift between **1700 mm** and **4150 mm** possible



Low Level



Easy to install door solution for industrial loading docks



Dock Door

The Dock Door system has been designed specifically for truck loading docks. It has the same easy to maintain low-level positioned power unit as the Low Level system, but instead a side bracket supports the power unit.

General

- Low-level positioning of power unit results in easy installation and maintenance
- **No steel beam** needed, resulting in lower costs
- Maximum door dimensions: **3200 mm** wide and **3100 mm** high
- Suitable for door weights up to **130 kg**

Vertical lift

- Required lintel build-in space with vertical lift: **door height x2 + 350 mm**

High lift

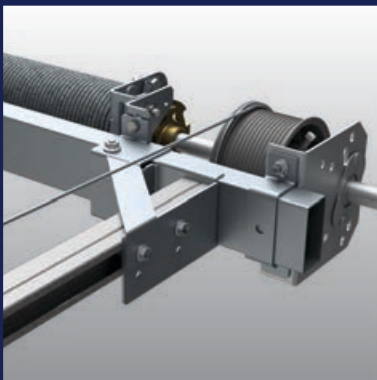
- High lift between **1600 mm** and **3100 mm** possible



Dock Door



Solid and flexible industrial door solution with minimum build-in space



Low Headroom

The Low Headroom system has been designed for situations with a lintel build-in space as low as 200 mm. This way we can provide even the lowest application areas with a high quality industrial door system.

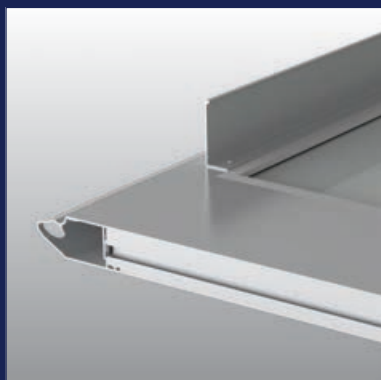
- Door solution with rear mounted torsion springs for situations with minimum build-in space
- Suitable for door weights up to **350 kg**
- Maximum door dimensions: **6000 mm** wide and **5000 mm** high
- Minimal required lintel build-in space: **250 mm** with double top roller carrier
- Pitch angle between **5°** and **30°** possible



Low Headroom



Increase natural light in your garage



Full vision

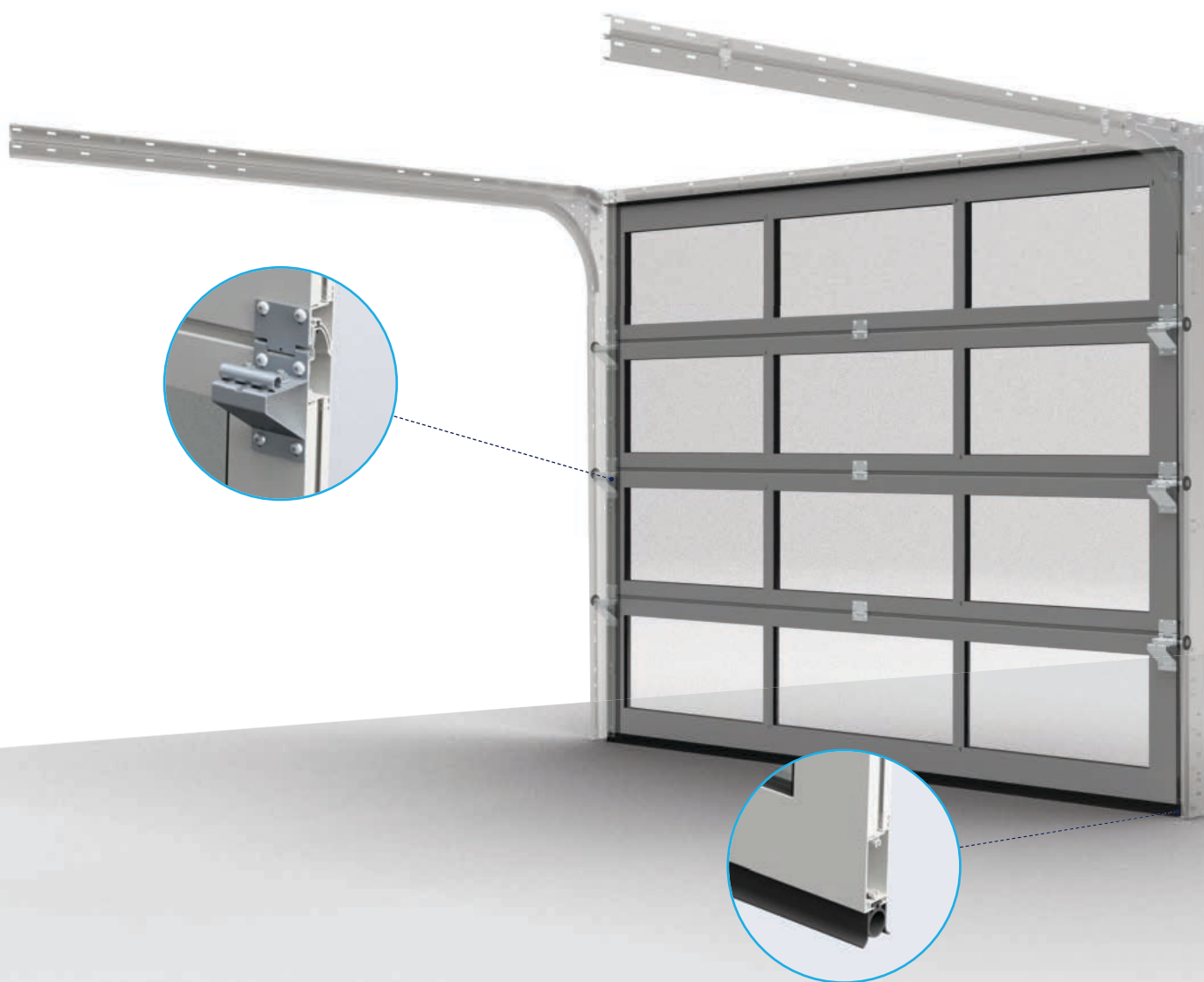
We offer profiles and seals that can be used to build full vision panels. The range currently contains **EPCO**, **Italpannelli**, **Kingspan** and **Tecnopan** specific top and bottom profiles. These are used in combination with pre-milled side and intermediate profiles to create the full vision panel frame. All of the full vision panels can be used in combination with regular panels.

For larger doors we also provide wider side profiles for **double hinges**. In addition we also supply an L shaped **strengthening profile** specially designed for full vision panels.

Depending on the snap-on profile you choose you can use either **single or double glazing**. Three types of seals keep the elements out and the warmth inside.



Full vision



***Configure your industrial door
online and DOCO will take care
of the rest***



Industrial door configurator

Our industrial door configurator includes all our industrial door systems.

It is easy to register and login to your personal account to configure a complete* industrial door according to your build-in dimensions.

Easily adjust your 'bill of material' by adding or deleting products. All prices are directly shown on the 'bill of material'.

After configuring you can view and down-load all necessary technical documents. You can save multiple configurations which allows you to review and order/reorder.



Industrial door configurator

How to

In a couple of steps, it is possible to configure a complete* industrial door:

- Define preferred system
- Choose panel and hardware
- Configure power unit
- Choose additional options

Benefits

Once configured, you can view and download all necessary documentation:

- Bill of material (including prices)
- Production drawings
- Door performance report
- Frame work
- Door movement
- Complete history available







DOCO in general

Our production process is not restricted to standard sizes. We believe that our products should meet your specific needs and not the other way around. This increases the options and provides custom solutions. This is how we stand out from our competitors.

Efficiency and accuracy are other important aspects of our production process. Every step of the process is continuously monitored. This enables us to ensure quality at every stage during the process.

***We are happy to help you
choose the most suitable
spring for your door***



Features

All our residential springs are galvanized, making them highly resistant to corrosion. As a result, the expected lifetime for most springs is **more than 15,000 door cycles**. This is equivalent to opening and closing 5 times a day for 8 years. Extension springs for doors higher than 2500 mm the expected lifetime is 10,000 cycles.

Our torsion springs for residential doors are **pre-assembled with spring plugs as standard**. In addition, the springs are provided with a red or black marking to easily see the difference between left and right.

Our extension springs always consist of 2 or 3 concentric springs, depending on the desired range. The extension springs contain a mounting hook, making it easy to mount in the vertical angle of our HOME-X system. At the top an integrated cable pulley is neatly covered with a black shield.



Springs for residential doors

Springs

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.

Torsion Springs

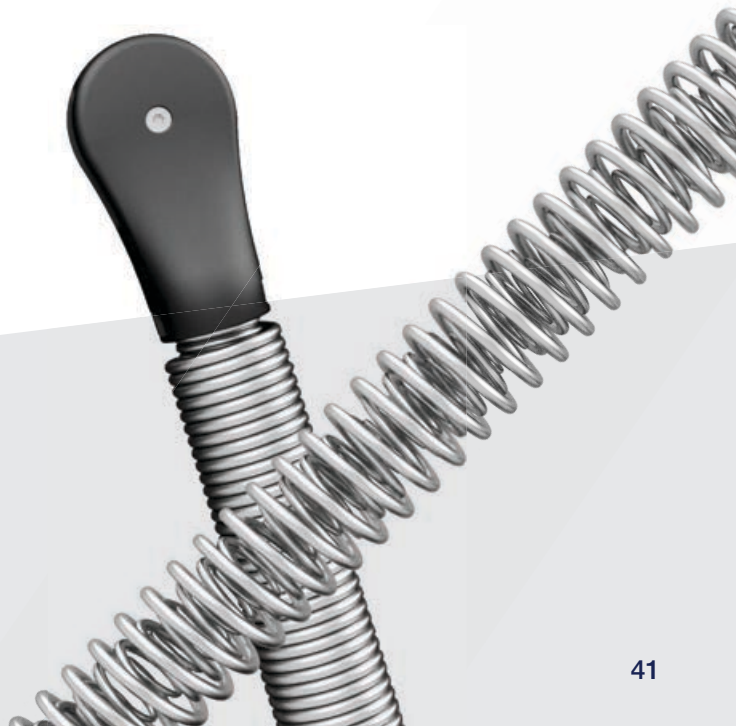
- Pre-mounted with spring plugs
- Suitable for our HOME-F and HOME-R door system

Extension Springs

- Always a combination of 2 or 3 springs
- Suitable for our HOME-X door system

Spring calculators

Visit our website to consult our spring calculators:



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



Features

Our torsion and tension springs ensure perfect sectional door balancing. This guarantees smooth opening and closing of the door.

Our springs are provided with a red or black marking to easily see the difference between left and right.

In addition, all non-pre-assembled torsion springs are color-coded on the inside, allowing you to quickly identify the wire thickness.

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.



Springs for industrial doors



Shot Blasted & Powder Coated Springs

- The market standard for industrial applications
- Powder coated for extra protection
- Easier assembly due to lighter and smaller springs
- Overall a less expensive solution
- Longer lifetime compared to equally sized black or galvanized springs



Galvanized Springs

- Higher resistance to corrosion than black springs
- Extremely suitable for use in marine climate
- Made to order - we do not keep the product in stock



Black Springs

- Basic standard springs
- Cheapest and least qualitative choice
- Made to order - we do not keep the product in stock

Quality in every step of the process



Production Process

Efficiency and reliability are the most important aspects 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 modern equipment we strive 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.

After placing your order, it will be scheduled for production in our assembly center. 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 all length articles again before packaging. A camera system checks the entirety of the order at various places during the process. This is done to further guarantee quality and consistency throughout the 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.

Transport

Your order will be carefully packaged prior to transport. Residential systems come in flatbed packaging, industrial kits are sealed for extra protection during transport. We assemble, package and ship door systems from our production locations.

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







Part of the SOMMER Group

Success does not come from a single person or company. The SOMMER Group's core belief is that you can only be successful over the long term as a group.

Each member of the SOMMER Group is a leading player in the (sectional) door industry. All this knowledge and expertise is pooled within the group. Together, we develop control equipment for residential and industrial doors, and we develop and produce all the requisite parts.

We support our customers in growing their business. On every level; from selecting the right suppliers to supporting our customers' marketing strategy.



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