



# Industrial Door Systems

Product Overview

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## Product Overview

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.

DOCOC 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 DOCOC 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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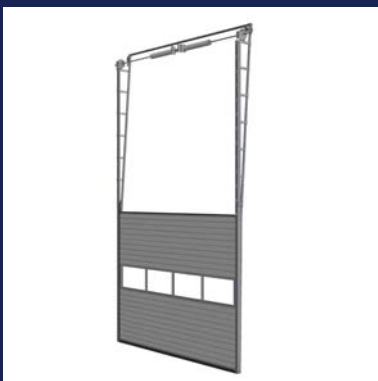
***Our made to measure industrial door systems make your life easier***



**Standard Lift**



**High Lift**



**Vertical Lift**

## **Industrial Track Set**

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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 rails of a standard or high lift can be modified using a pitch bracket to follow the pitch of a building (up to 45°).

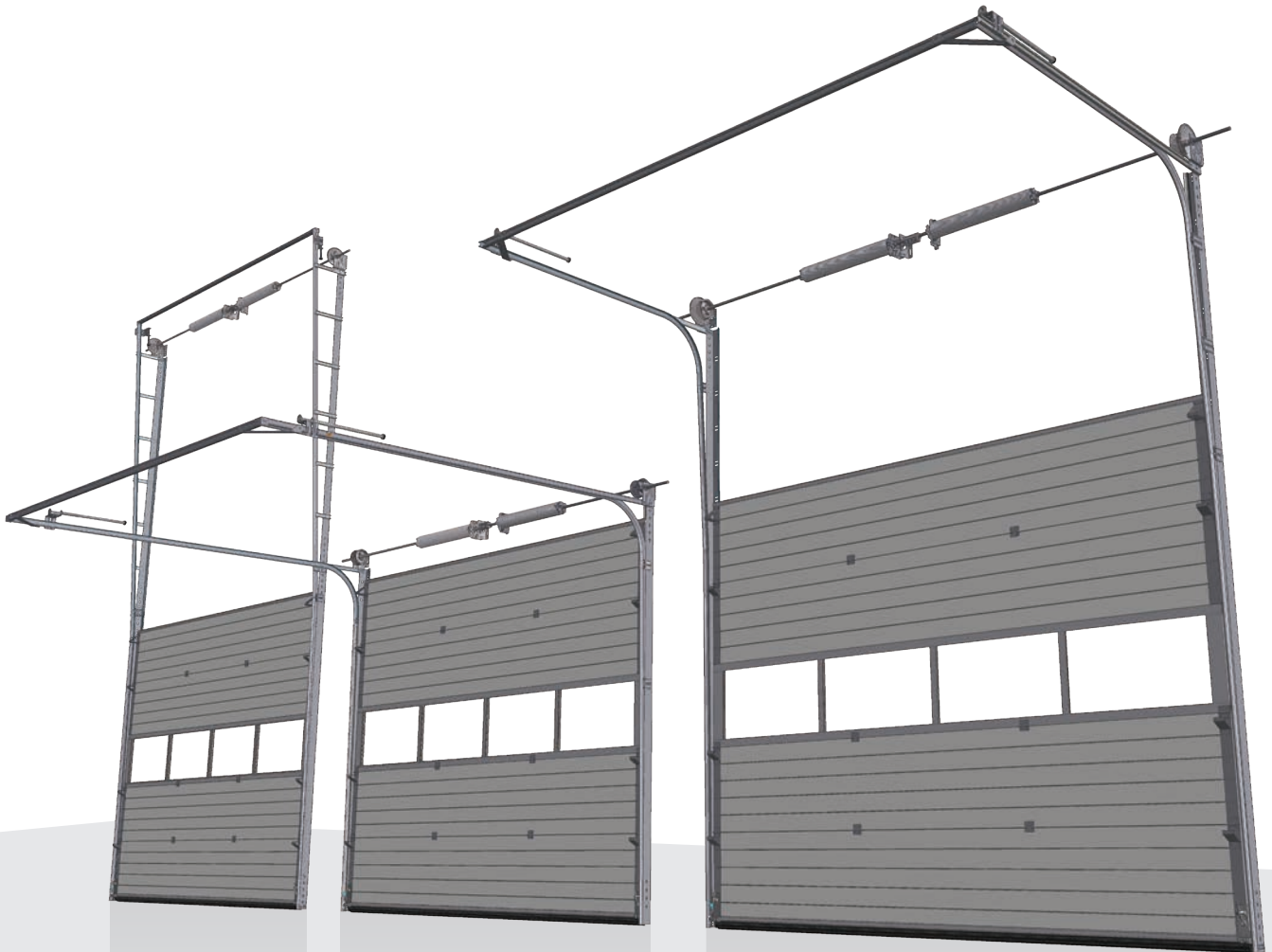
All of our sets are made to measure and are designed with great attention to detail. Each industrial door system has its very own track set to ensure the best possible fit.

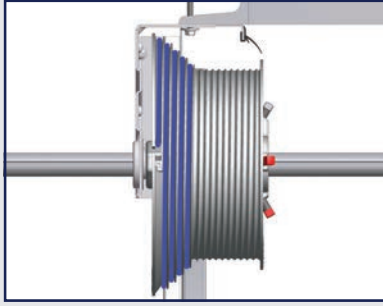
With our wide range of industrial track sets and hardware components we can offer you a solution for almost every situation.

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**.



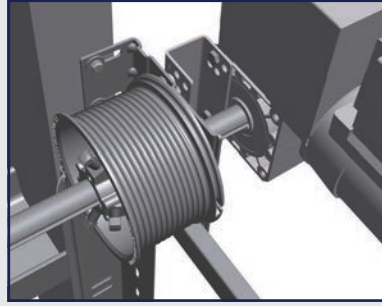
# Industrial Track Set





### Cable positioning

New generation end bearing plates make perfect cable positioning possible.



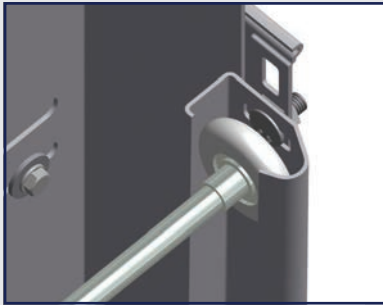
### Operator Connection

Direct connection between operator and end bearing plates.



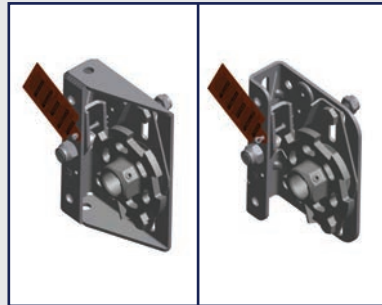
### Pitch door

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



### Safety Track

The safety track prevents rollers from exiting the tracks and curves giving extra safety through the doors complete cycle.



### Heavy Duty Spring Break Device

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



### Alignment

By using alignment profiles you are 100% sure the door is perfectly aligned to the face of the mounting area. No cross measuring anymore!



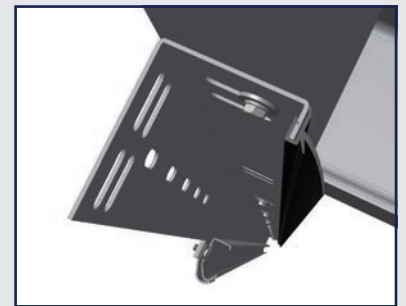
### Easy installation / distance control

By using the C-track as a width guide for the vertical tracks, installation is more accurate, quicker and easier assisting the door to run more smoothly.



### Track set connections

Personal choice of using the flat or curved connections.

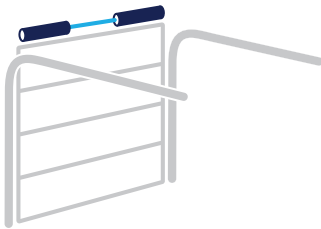


### Angle with double sealing system

High flange mounting angle positions the door blade about 20 mm away from the mounting area, allowing perfect access to the double slotted holes. The double side sealing profiles guarantee the best door performance.



# Industrial Track Set



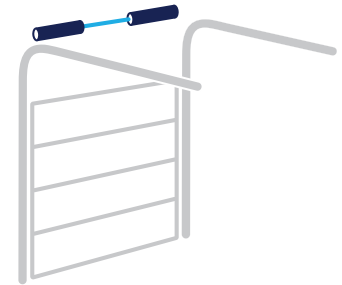
## Standard Lift

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



## Vertical Lift

- Ideal solution for application areas where headroom is not an issue



## High Lift

- Suitable for situations with extra headroom, where additional workspace clearance is required

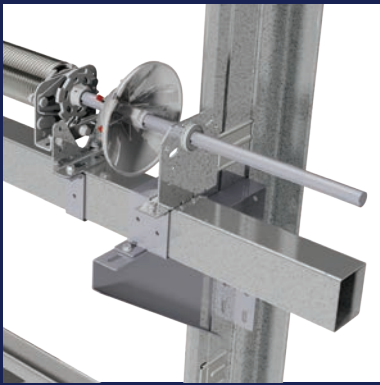
	Standard Lift	Vertical Lift	High Lift
Max. door weight	660 kg	462 kg	660 kg
Max. door size	W 8500 H 7000	W 8500 H 5500	W 8500 H 6000*
Max. door leaf size	48 m <sup>2</sup>	48 m <sup>2</sup>	48 m <sup>2</sup>
Pitch angle	5° - 45°	-	5° - 45°
Min. lintel build in space	420**	DH + 400	DH + HL + 225**

Dimensions shown are in mm, unless indicated otherwise

\*Depending on High Lift value / \*\*Depending on cable drum



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



### Low Level

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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 **5600 mm** high

#### High Lift

- For doors between **2900 mm** and **6000 mm** high
- Door height + high lift < **9947 mm**
- High lift between **1700 mm** and **4100 mm** possible

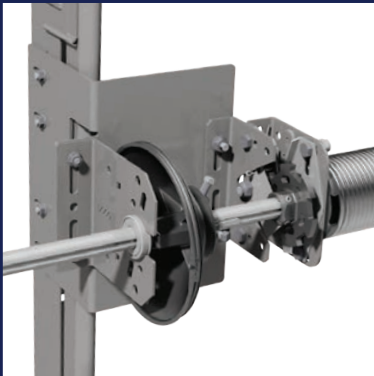




**Low Level**



## *Easy to install door solution for industrial loading docks*



### **Dock Door**

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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
- Available in one or two-piece track assembly
- **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  $\times 2$  + **300 mm**

#### **High lift**

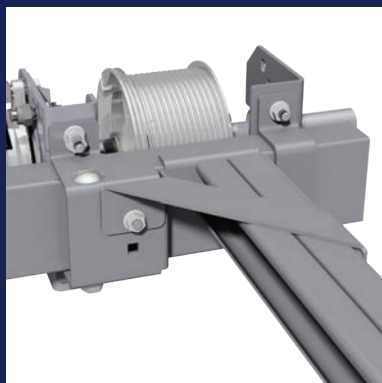
- High lift between **1600 mm** and **3000 mm** possible



# Dock Door



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



### Low Headroom

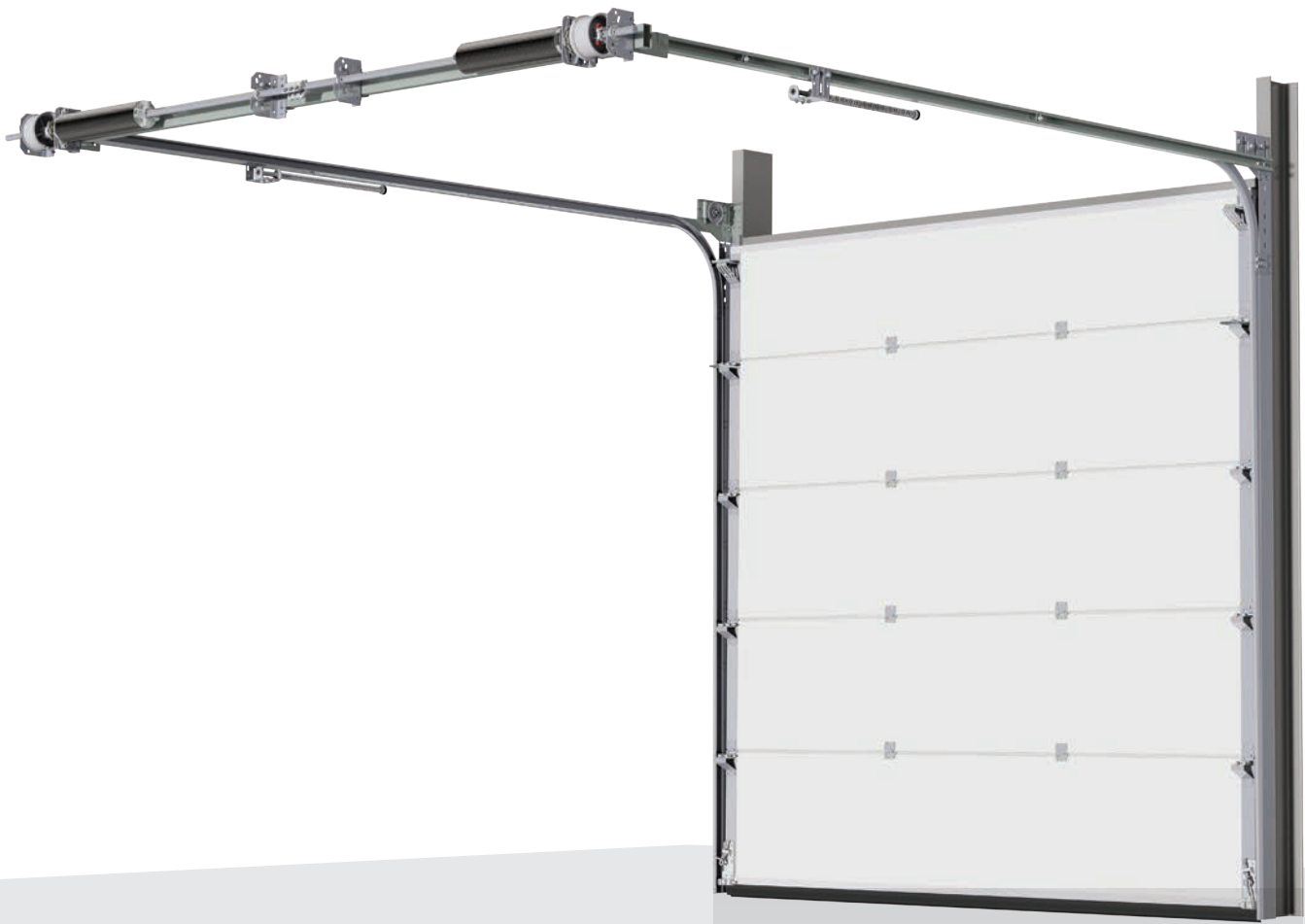
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The Low Headroom system has been designed for situations with a lintel build-in space as low as 200 mm. This way we can provide even the lowest application areas with a high quality industrial door system.

- 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
- Required lintel build-in space: **200 mm** with double top roller carrier, **300 mm** with single top roller carrier
- Pitch angle between **5°** and **30°** possible



**Low Headroom**



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

### **Industrial Door Configurator**

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Our online door configurator features 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.

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

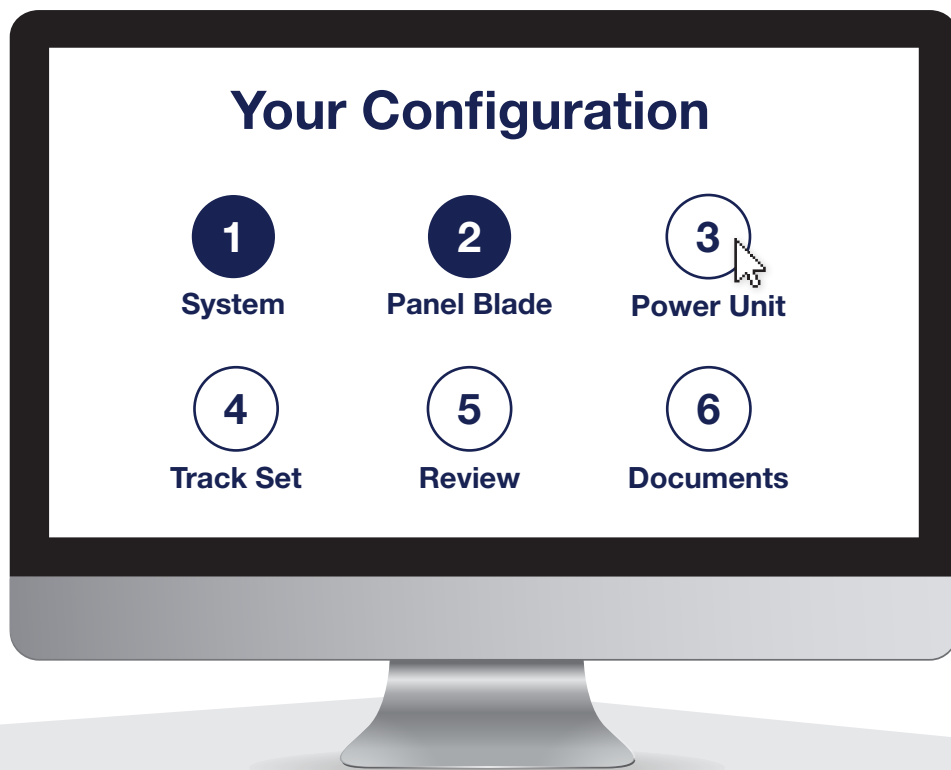
- Define preferred system
- Choose panel and hardware
- Configure power unit
- Choose additional options

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

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



# Online Door Configurator



## Your Configuration

1

System

2

Panel Blade

3

Power Unit

4

Track Set

5

Review

6

Documents

## *Your order is carefully checked and documented before despatch*

### Check and double-check

In our assembly centre your orders are divided into 'components', 'track sets', 'springs' and potentially the 'power-unit'.

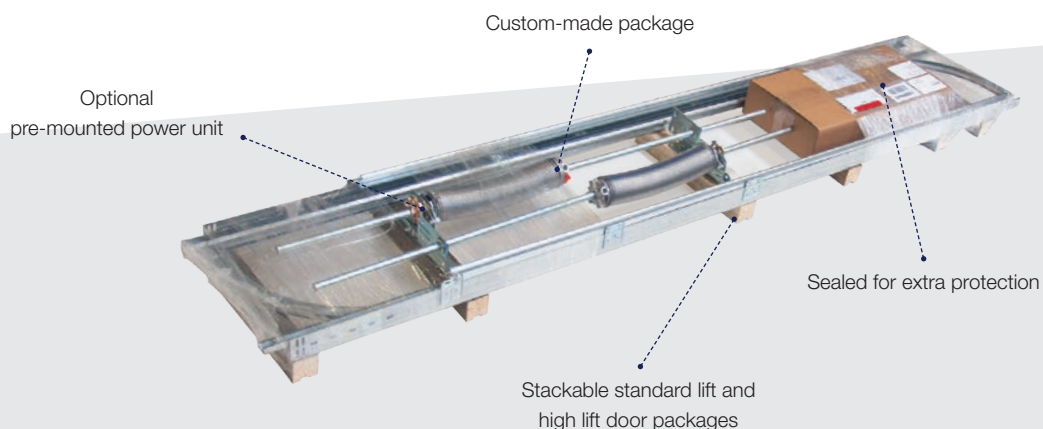
The industrial components are collected using our pick-to-light system, where the corresponding location lights up when the article is scanned off of our picking list. This method decreases the chance of errors.

The horizontal and vertical tracks are cut to size and are checked before pre-mounting.

The torsion springs are also pre-assembled and, if requested, mounted onto the power-unit together with the spring-break device, cable drums and brackets.

Everything is collected and a digital camera takes a picture of the complete kit for documentation.

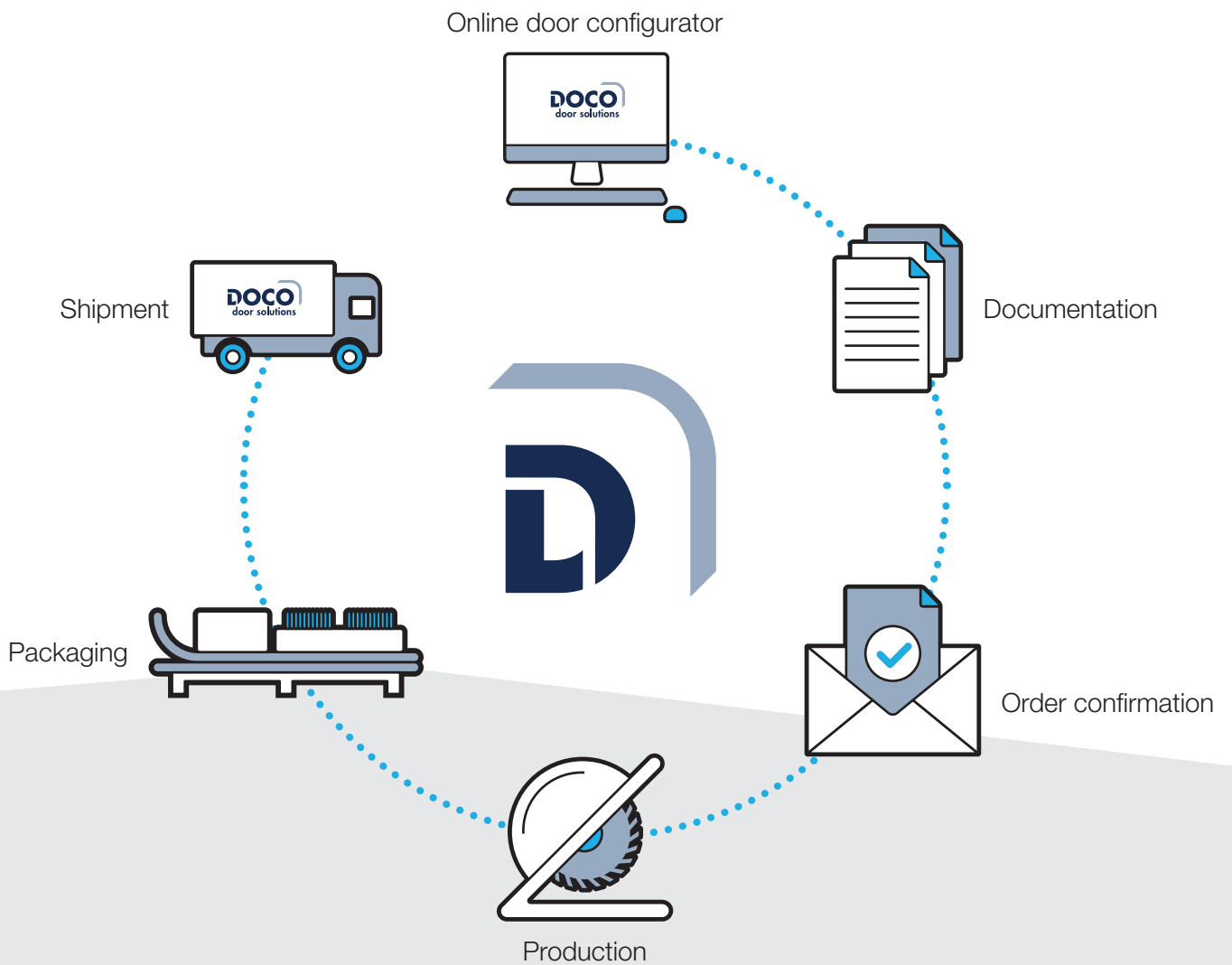
After the final check, all industrial kits are sealed for extra protection during transport, where they can be stacked onto each other.





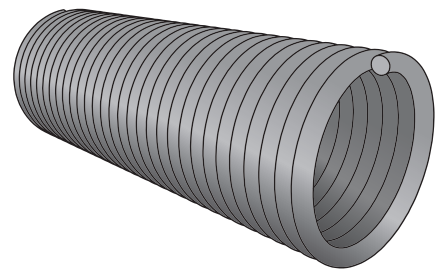


# Order Processing



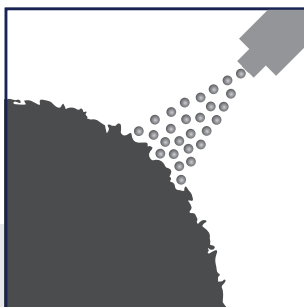
## ***DOCOCO offers a broad selection of springs for industrial doors from stock***

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.

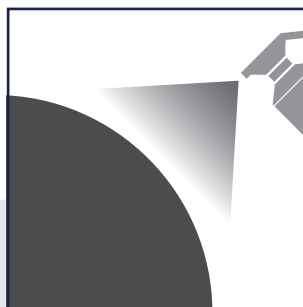


### **Shot Blasted & Powder Coated Springs**

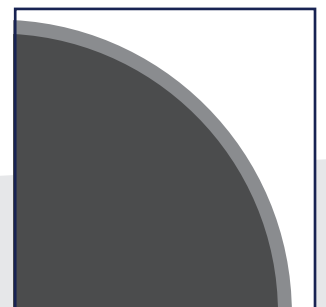
- Powder coated for extra protection
- Easier assembly due to lighter and smaller springs
- Longer lifetime compared to equally sized black springs
- Increased fatigue strength and reduced cracking stress
- High-end appearance
- Less duplex solutions needed
- Overall a less expensive solution



**Shot Blasting**



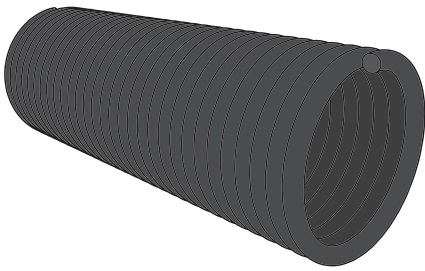
**Powder Coating**



**Result**

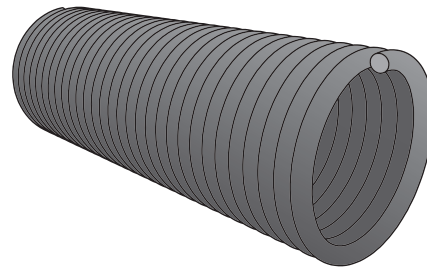


# Torsion Springs



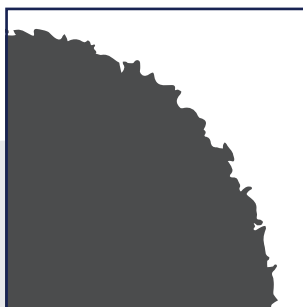
## Black Springs

- Basic standard springs

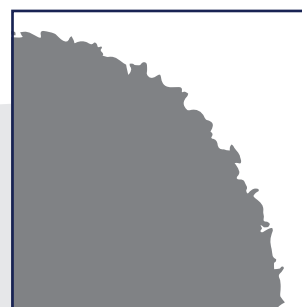


## Galvanized Springs

- Higher resistance to corrosion than black springs



Detail



Detail

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