

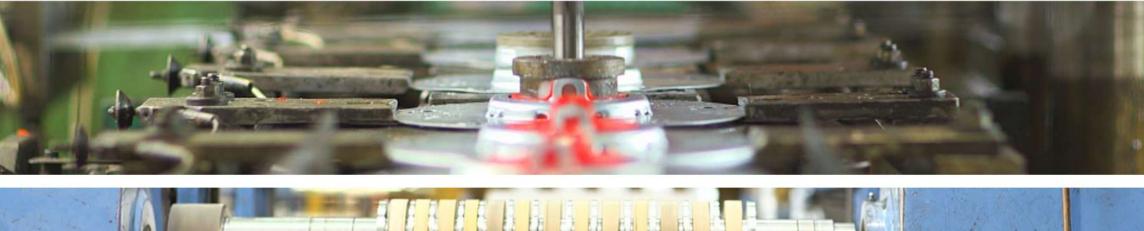
Manufacturer of accessories and springs for roller shutters. Steel and aluminum colls, strips and sheets.



"Quality is never an accident; it is always the result of intelligent effort."

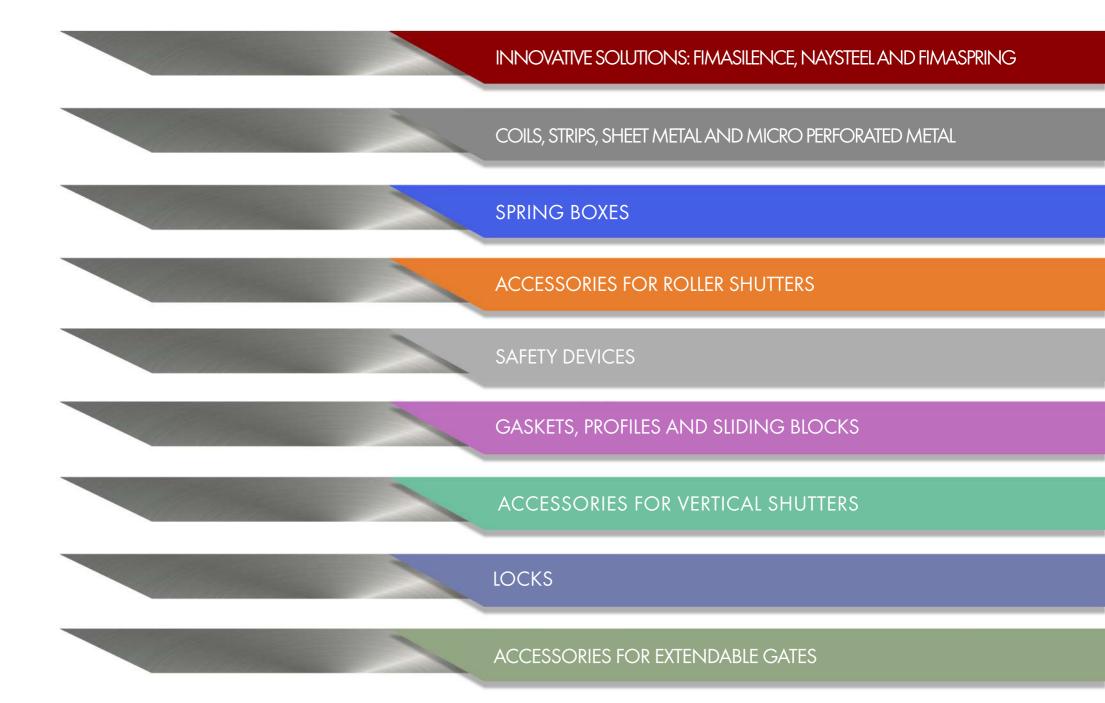
John Ruskin

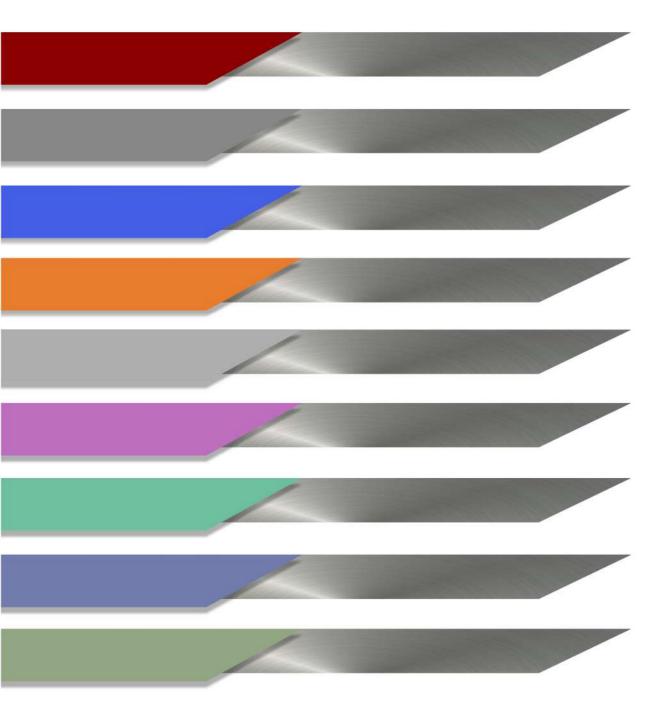
## **C.S.fima** Quality Designers













#### Made in Italy

The "Made in Italy" brand represents the know-how of those who distinguish themselves for creativity, design and quality.

We are proud to be promoters of this brand.

#### **Know-how and quality**

Our years of experience and knowledge along with the expertise of our collaborators allows us to look after every phase of our production, from concept to development and realization. This is because "a high-quality product is one that fully meets the needs of those who use it."







## Its silence means your serenity.

It seems like a dream but FimaSilence® actually exists! The first shutter in the world designed to reduce noise and vibrations up to 80%.



FimaSilence® was designed to give you the peace and serenity to live in your home without producing noise pollution that could disturb the tranquillity and sleep of your neighbours.

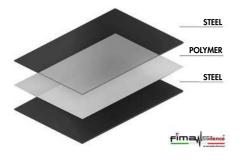


## Silenced Steel strip



90NFS Silenced Steel strip 500 KG

What makes it silent



Two steel strips are mated together using a double-sided adhesive polymer that dampens the sound. A much better system than traditional rolling shutters with PVC gaskets.

## Painting

Resistant to processes of painting, in the oven, up to 200° C



## Why choose FimaSilence



#### **UP TO 20db OUIETER**

This highly innovative patented material reduces noise and vibrations up to 80% while maintaining a traditional aesthetic.



#### PATENTED TECHNOLOGY

The innovative system, composed of a polymer enclosed between two sheets of steel, makes FimaSilence the only product of its kind in the world. Unlike standard rolling shutters that rely on the use of gaskets, FimaSilence maintains silence over time.



#### **RESISTANT TO HIGH TEMPERATURES**

Two steel strips are mated together using a double-sided adhesive polymer. It's also resistant to painting processes, in the oven, up to 200° C.

You have the opportunity to make a new rolling shutter or to upgrade the old ones by replacing only the curtain.





GIORDANO



#### comparative equivalent sound level tests

With 220V gear motor Results

LAeq	Standard	d Curtain	FimaSilenceCurtain	
	CH1**	CH3**	CH1**	CH3**
Rolling shutter opening	84,3 dB	84,3 dB	73,3 dB	69,7 dB
Rolling shutter closing	81,0 dB	80,8 dB	70,4 dB	67,9 dB

(\*\*) CH1 = microphones on the source room side

CH3 = microphones on the receiving room side

With 24V gear motor Results

LAeq	Standard	d Curtain	FimaSilenceCurtain	
	CH1**	CH3**	CH1**	CH3**
Rolling shutter opening	77,9 dB	78,2 dB	59,5 dB	56,9 dB
Rolling shutter closing	79,1 dB	78,7 dB	53,1 dB	52,4 dB

CH3 = microphones on the receiving room side



VERSATILE





The Naysteel® spring box substitutes the classic steel or nylon ball system with a single self-lubricating nylon component, reducing the risk of breakage from wear and tear or continuous loads.

The certified materials' quality and a highly automated production guarantee high quality and consistent standards over time.





## Why choose Naysteel:

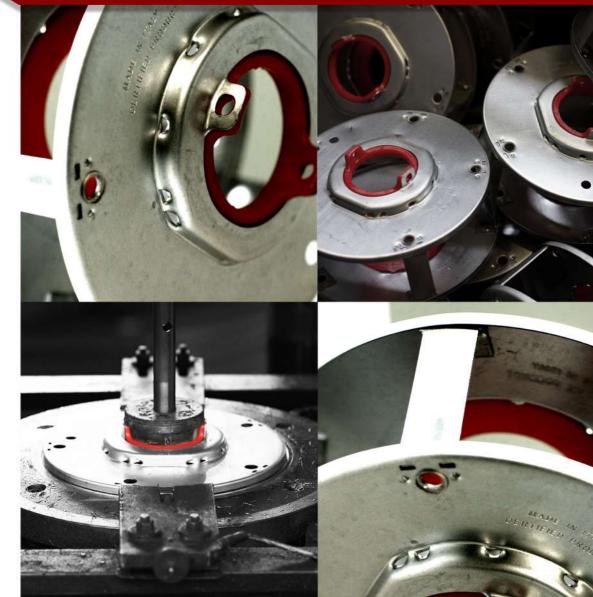
- Certified for 10,000 cycles
- Tested in our laboratory for over 150,000 cycles
- Silent
- Guaranteed performance even with anomalous tube bending
- Possibility to reduce the spring box holder for 60 mm tubes to 48 or 42 mm tubes



The Naysteel® spring box, having at its core a single self-lubricating nylon block, is capable of withstanding both constant weight of the shutter as well as continuous movement on the tubing, all without damaging or cutting it.

An original product, customizable and certified. 100% Made in Italy.

## Certified spring box with nylon bushing



# Image: Contribution of the second second



### FimaSpring® is the only shutter spring of its kind.

FimaSpring is the shutter spring patented by CS Fima. Its low carbon level and a dedicated thermal treatment give the FimaSpring a reliable and long-lasting performance making it stand out from others on the market.

Thanks to our commitment to excellence and numerous studies and tests performed throughout the years, today FimaSpring has reached high quality and performance standards.





## Certified rolling shutter spring

## Why choose FimaSpring:

- Certified for 15,000 cycles by the Giordano Institute S.p.A.
- Tested in our laboratory for 30,000 cycles
- Force Capacity for all models and dimensions are lab tested to guarantee maximum precision balance
- Consistent and repeatable mechanical uniformity for every order
- Resistant to thermal excursion and low temperatures
- Strips with rounded edges
- Perfectly flat surface

## The "white" spring with red strap.

It's easy to recognize the FimaSpring compared to other springs on the market. The impact of the bright and unmistakable red strap covering the shutter spring is one of the main visual differences that gives way to even more technical differences.

Its low carbon level and a dedicated thermal treatment give FimaSpring the ability to work in a range between +100°C to -40°C.

An original, customizable and certified product. 100% Made in Italy.





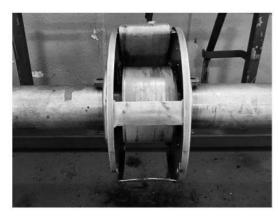
## Certified roller shutter spring

#### Availability and force capacity of the FimaSpring.

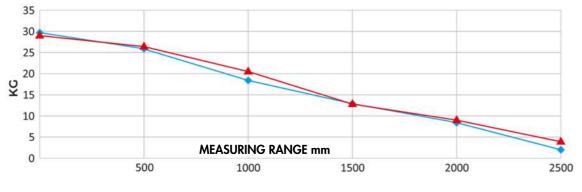
For every FimaSpring spring size shown in our catalogue the force capacity has been tested in order to guarantee maximum precision of the shutter system's balance.



This commitment to excellence ensures that ever spring provided offers reliable performance over time, meeting your maximum precision needs.



Code	w	Т	Force capacity in Kg Ø 200 mm	Force capacity in Kg Ø 220 mm	Force capacity in Kg Ø 240 mm	Force capacity in Kg Ø 280 mm	Weight Kg/m	Roll Kg
70D 3511	35	1,1	13	12,1	11,2	9,9	0,302	80
70D 4011	40	1,1	16	14,9	13,8	12,2	0,345	80
70D 4012	40	1,2	18	16,7	15,5	13,7	0,377	80
70D 4013	40	1,3	22	20,5	18,9	16,7	0,408	80
70D 4014	40	1,4	25	23,3	21,5	19,0	0,440	80
70D 4511	45	1,1	18	16,7	15,5	13,7	0,389	80
70D 4512	45	1,2	20	18,6	17,2	15,2	0,424	80
70D 4513	45	1,3	23	21,4	19,8	17,5	0,459	80
70D 4514	45	1,4	26	24,2	22,4	19,8	0,495	80
70D 5011	50	1,1	20	18,6	17,2	15,2	0,432	80
70D 5012	50	1,2	22	20,5	18,9	16,7	0,471	80
70D 5013	50	1,3	27	25,1	23,2	20,5	0,510	80
70D 5014	50	1,4	30	27,9	25,8	22,8	0,550	80
70D 5511	55	1,1	22	20,5	18,9	16,7	0,475	80
70D 5512	55	1,2	25	23,3	21,5	19,0	0,518	80
70D 5513	55	1,3	30	27,9	25,8	22,8	0,561	80
70D 5514	55	1,4	33	30,7	28,4	25,1	0,604	80
70D 6011	60	1,1	25	23,3	21,5	19,0	0,518	80
70D 6012	60	1,2	26	24,2	22,4	19,8	0,565	80
70D 6013	60	1,3	33	30,7	28,4	25,1	0,612	80
70D 6014	60	1,4	36	33,5	31,0	27,4	0,659	80
70D 7012	2 70	1,2	31	28,8	26,7	23,6	0,659	80
70D 7013	3 70	1,3	43	40,0	37,0	32,7	0,714	80
70D 7014	70	1,4	45	41,9	38,7	34,2	0,769	80
70D 8014	80	1,4	54	50,2	46,4	41,0	0,879	80



\* FimaSpring and tempered spring comparison

1000 1500





## Roller shutter C67S tempered spring



Availability and force capacity of the C67S tempered spring

Our well-stocked warehouse allows us to have all available dimensions and offer quick

delivery times.

The C67S tempered strips have rounded edges.

Code	w	т	Force capacity in Kg Ø 200 mm	Weight Kg/m	Roll Kg
70M 4010	40	1,0	14	0,314	80
70M 4011	40	1,1	15	0,345	80
70M 4012	40	1,2	16	0,377	80
70M 4013	40	1,3	17	0,408	80
70M 4014	40	1,4	20	0,440	80
70M 4510	45	1,0	16	0,353	80
70M 4511	45	1,1	17	0,389	80
70M 4512	45	1,2	19	0,424	80
70M 4513	45	1,3	22	0,459	80
70M 4514	45	1,4	25	0,495	80
70M 5010	50	1,0	18	0,393	80
70M 5011	50	1,1	20	0,432	80
70M 5012	50	1,2	23	0,471	80
70M 5013	50	1,3	26	0,510	80
70M 5014	50	1,4	29	0,550	80
70M 5510	55	1,0	20	0,432	80
70M 5511	55	1,1	23	0,475	80
70M 5512	55	1,2	27	0,518	80
70M 5513	55	1,3	30	0,561	80
70M 5514	55	1,4	35	0,604	80
70M 6010	60	1,0	23	0,471	80
70M 6011	60	1,1	26	0,518	80
70M 6012	60	1,2	30	0,565	80
70M 6013	60	1,3	35	0,612	80
70M 6014	60	1,4	39	0,659	80
70M 7013	70	1,3	44	0,714	80
70M 7014	70	1,4	50	0,769	80
70M 8014	80	1,4	63	0,879	80

#### Force capacity for the C67S tempered spring











# **G**



Cutting steel coils, strips and sheets
Many years of experience in the field
High quality standards
Wide range of products





## Coils, strips and sheets

### Pickled

## Cold-rolled

## Chromables

- Tempered and temperable
- Galvanized and otherwise coated
- Thicknesses from 0.20mm to 3.00mm
- Widths from 4.00mm to 1700mm











# **G**



Ability to adapt to any requirement
Supplies of small quantities and containers
Well-stocked warehouse
Fast shipping





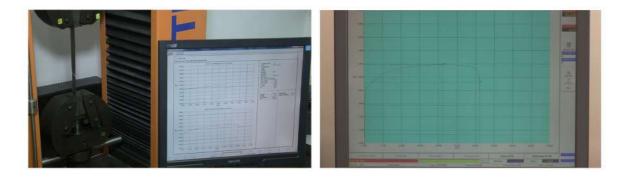
Coils, strips and sheets

Technical advice for the right choice of materials to be used.

Laboratory to carry out mechanical tests

Materials characterization

Compliance with required specifications







## Microperforated steel strips

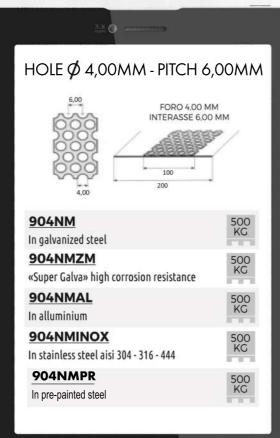
## Microperforated steel strips are available in:

Galvanized steel Pre-painted steel Stainless steel Aisi 304 and 316 Super Galva steel Anti-corrosion Aluminum









## \*\*\*\*

It's good for airing the shop, or to display your products even when you're shut, and the measurements are customized.

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습 Q 💿 🕤 menu



## Pre-painted imitation wood with grain in relief

TOUCH

EFFECT

## Pre-painted imitation wood "touch effect" tape

Resistant to UV fluorescent light (sun)
No colour variation over time
Excellent paint adhesion
Coating up to 50 microns
High resistance to corrosion
Embossed wood grain
Easy to profile
Supply of strips also in small quantities
Always available in stock

Other colors available with and without "TOUCH EFFECT"

WOOD CLEAR

WOOD

DARK









## "SUPER GALVA" tape

**Prevents corrosion** 

High level of protection compared to standard galvanized strips

Self-healing protection on cut and perforated edges

Suitable for the most aggressive environments such as maritime environments

## Salt spray testing





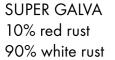
Self-healing protection on cut edges. Outdoor exposure in different periods of time.

Marine category C5-M (the most severe)





40% red rust 60% white rust



Ideal for Microperforated steel strips





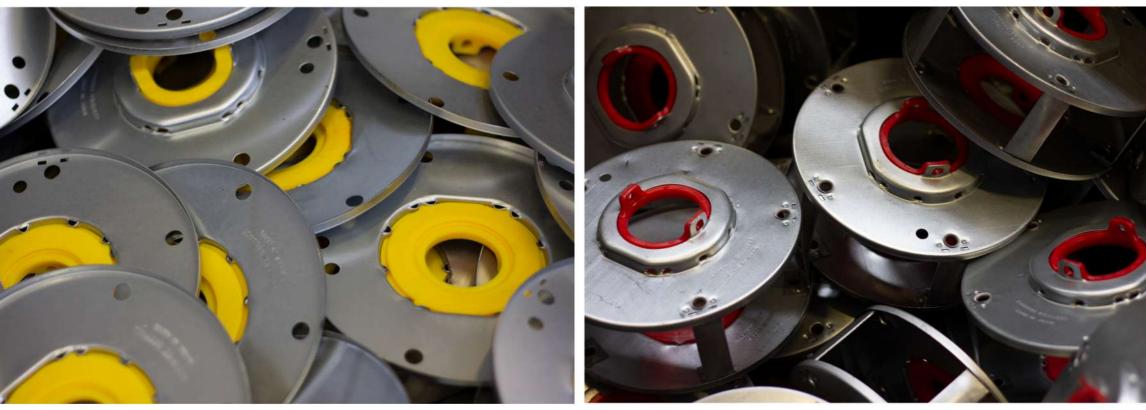


Spring boxes

## Spring boxes

Our high level quality materials and automated processes guarantee high and costant level quality over time, with a wide range of solutions.









## Naysteel Spring Box Ф 240MM - TUBE Ф 76MM



SNA2407640Z	70
Spring's width 40 mm	PCS
SNA2407650Z	70
Spring's width 50 mm	PCS
SNA2407660Z	70 PCS
Spring's width 60 mm	PCS
SNA2407670Z	50
Spring's width 70 mm	PCS
SNA2407680Z	50
Spring's width 80 mm	PCS

## Nylon cover ring for spring boxes



**Naysteel Spring Box**  $\phi$  220MM - TUBE  $\phi$  60MM



SNA2206040Z	85
Spring's width 40 mm	PCS
SNA2206050Z	85
Spring's width 50 mm	PL
SNA2206060Z	85 PC3
Spring's width 60 mm	PU:
SNA2206070Z	70 PC3
Spring's width 70 mm	PC
SNA2206080Z	70 PCS
Spring's width 80 mm	PL

100 PCS

100 PCS

100 PCS

100 PCS

SRA1461

SRA1462 ø 220 mm

SRA1463

SRA1464

ø 240 mm

ø 280 mm

ø 200 mm

Naysteel Spring Box  $\phi$  220MM - TUBE  $\phi$  48MM



SNA2204840Z 85 PCS Spring's width 40 mm 85 PCS SNA2204850Z Spring's width 50 mm 85 PCS SNA2204860Z Spring's width 60 mm 70 PCS SNA2204870Z Spring's width 70 mm 70 PCS SNA2204880Z Spring's width 80 mm

#### **Reducer for** $\phi$ 42MM E $\phi$ 48MM



Naysteel Spring Box  $\phi$  200MM - TUBE  $\phi$  60MM



SNA2006040Z	100
pring's width 40 mm	PCS
SNA2006050Z	100
pring's width 50 mm	PCS
SNA2006060Z	100
pring's width 60 mm	PCS
SNA2006070Z	70
pring's width 70 mm	PCS
SNA2006080Z	70 PCS
pring's width 80 mm	PCS

SNAB42

SNAB48

Naysteel® reducer from ø 60 mm to ø 42 mm

Naysteel® reducer from ø 60 mm to ø 48 mm for Naysteel® spring boxes of ø 200 mm and 220 mm

for Naysteel® spring boxes of ø 200 mm and 220 mm

### **Naysteel Spring Box** $\phi$ 200MM - TUBE $\phi$ 48MM



SNA2004840Z	100
Spring's width 40 mm	PCS
SNA2004850Z	100
Spring's width 50 mm	PCS
SNA2004860Z	100
Spring's width 60 mm	PCS
SNA2004870Z	70
Spring's width 70 mm	PCS
SNA2004870Z	70
Spring's width 80 mm	PCS

#### Spring box, Nylon balls

Ø 280MM - TUBE Ø 101MM

SSN28010160	
Larghezza molla 60 mm	
SSN28010170	
Larghezza molia 70 mm	
SSN28010180	
Larghezza molla 80 mm	

Ø 240MM - TUBE Ø 101MM

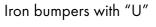
SSN2406050	
Spring width 50 mm	
SSN2406060	
Spring width 60 mm	
SSN2406070	
Spring width 70 mm	
SSN2406080	
Spring width 80 mm	





## Handle and iron bumper kits- Accessories for roller shutters

Iron bumpers with "C"



Rubber bumper with interlocking



SRA1662 Rubber bumper with interlocking compatible with SRA162Z-SRA156Z

Watch the tutorial video

Nylon handle



Galvanized steel handle



SRA162Z 150 PZ Iron bumpers with "C" slot to screw Compatible with SRA1662 - SRA301Z

SRA156Z 150 PZ Iron bumpers with "U" slot to screw Compatible with SRA1662 - SRA301Z

SRA158Z Nylon handle compatible with SRA160Z - SRA161Z

SRA159Z Galvanized steel handle compatible with SRA160Z - SRA161Z

Fixing plate for handle

Fixing plate for handle

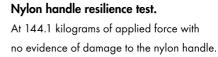


SRA160Z Type "Italy" galvanized steel compatible with SRA158Z - SRA159Z - SRA301Z

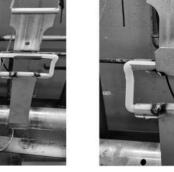


SRA161Z Galvanized steel "France" type compatible with SRA158Z - SRA159Z











### Kit Nylon handle + Iron bumpers with "C" slot



SRA136Z Includes

SRA158Z - No. 1 nylon handle SRA160Z - No. 1 fixing plate for handle type "Italy" SRA162Z - No. 2 Iron bumpers with "C" slot to screw SRA1662 - No. 2 Rubber bumper with interlocking

PZ

Kit Galvanized steel handle + Iron bumpers with "C" slot





SRA159Z - No. 1 galvanized steel handle SRA160Z - No. fixing plate for handle type "Italy" SRA162Z - No. 2 Iron bumpers with "C" slot to screw SRA1662 - No. 2 Rubber bumper with interlocking

#### Kit Nylon handle + Iron bumpers with "U" slot



SRA138Z Includes SRA158Z - Nr. 1 nylon handle SRA160Z - Nr. 1 fixing plate for handle type "Italy" SRA156Z - Nr. 2 iron bumpers with "U" slot to screw SRA1662 - Nr. 2 rubber bumpers with interlocking

Kit

Galvanized steel handle + Iron bumpers with "U" slot





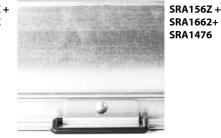
Includes SRA159Z - Nr. 1 galvanized steel handle SRA160Z - Nr. 1 fixing plate for handle type "Italy"

SRA156Z - Nr. 2 iron bumpers with "U" slot to screw SRA1662 - Nr. 2 rubber bumpers with interlocking





SRA160Z + SRA158Z





SRA160Z + SRA158Z

SRA160Z + SRA158Z

SRA1662



SRA160Z + SRA159Z







## Accessories for rolling shutter



QSTT nut/bolt 10x20mm for tube supports, plates and fixing brackets



SRA254Z QSTT nut/bolt 10x20mm

Compatible with SRA196Z - SRA197Z SRA198Z - SRA199Z - SRA250Z SRA259Z - SRA801Z - SRA810Z SRA815Z - SRA816Z

100 PZ

Nut/bolt for fixing handles



SRA301Z QSTT Nut/bolt 6x15mm for ixing handles with holes and final slat







## Accessories for rolling shutter

Hook for connecting spring box Th. 1,5



150 PCS

Spina di bloccaggio



Hook for connecting spring box Th. 1,5



150 PCS

150 PCS

**SRA176Z** of 50/60mm SRA176ZG of 50/60 mm, Big bending

U-bolt for deadbolt



**SRA172Z** PCS from 20 mm - passage sizes 22 x 9,7 mm 500 PCS SRA169Z from 25 mm - passage sizes 26,6 x 6,5 mm **SRA171Z** 500

PCS from 20 mm - passage sizes 26,6 x 10 mm SRA164Z 500 PCS

from 20 mm - passage sizes 29 x 7,1 mm

Hook for connecting spring box Th. 1,5



150 PCS of 50/60mm, outer wrapping 150 PCS SRA174ZEG of 50/60mm, outer wrapping big bending

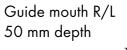
Bracket anti-tear

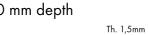


for convex element SRA402Z for flat element

Hook









SRA244ZA	PCS	
for 22mm guide	50	
for 25 mm guide	PCS	
SRA244ZC for 28mm guide	50 PCS	
SRA244ZD	50	
for 30 mm guide	PCS	

#### Fixing brackets with 6MA hole



of 110 mm	KG	
SRA151Z	20 KG	
of 150 mm	NU	
SRA152Z	20 KG	
of 220 mm	KU	
SRA153Z	20 KG	
of 270 mm	KU	

Guide mouth R/L 40 mm depth Th. 1,5mm



SRA244ZG	50
for 22mm guide	PCS
SRA244ZH	50
for 25 mm guide	PCS
SRA244ZI	50
for 28mm guide	PCS
SRA244ZL	50
for 30 mm guide	PCS

### Guide mouth R/L 30mm depth

1.5mm thick



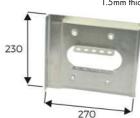
SRA210Z	80
For 22mm guide	PCS
SRA208Z	80
For 25mm guide	PCS
SRA206Z	80
For 28 mm guide	PCS
SRA204Z	80
For 30mm guide	PCS

Cambered side plate with slots -depth 50mm



SRA195Z	20 PCS
350x350 mm, thick. 25-30/10	100
SRA195AZ	20 PCS
420x420 mm, thick. 25-30/10	PCS

Small fixed side plate depth 30mm



 SRA190Z
 22

 230x270 mm
 PC

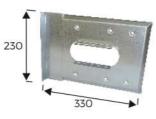
 for tube Ø 60 mm
 Ø 48 mm, thick. 15/10

Flat fixed side plate depth 50mm



SRA261Z 350X350 mm For tube ø 60 mm, thick.25-30/10	10 PCS
SRA263Z 350X350 mm For tube ø 76 mm, thick.25-30/10	10 PCS
<b>SRA264Z</b> 420X420 mm For tube ø 76 mm, thick. 25-30/10	PCS

Fixed side plate depth 30mm



SRA184Z		20
230x330 mm For tube ø 60 mm	48 mm, thick. 15/10	PCS
SRA189Z		20
230x330 mm For tube ø 60 mm	ø 48 mm, thick. 18/10	PCS
SRA186Z		20
230x330 mm For tube ø 76 mm,	thick. 18/10	PCS

Flat fixed side plate without side slots Depth 50mm



14 PCS

SRA260Z 300x300mm thick. 25-30/10 for tube 0 60mm, thick. 25-30/10 Flat side plate with slots -depth 50mm



SRA251ZA	20 PCS
300x300 mm, thick. 25-30/10	PCS
SRA252Z	20 PCS
350x350 mm, thick. 25-30/10	PCS
SRA253Z	20 PCS
420x420 mm, thick. 25-30/10	PCS

Cambered fixed side plate with slots depth 50mm



<b>SRA242Z</b> 350x350 mm For tubeø 60 mm, thick. 25-30/10	10 PCS
SRA243Z	10
350x350 mm For tubeø 76 mm, thick. 25-30/10	PCS
SRA247Z 420x420 mm For tube ø 76 mm, thick. 25-30/10	PCS

Flat side plate with central slots only Depth 50mm



SRA251Z 300x300mm thick. 25-30/10 150 PCS

Side plate and guide mouth welded



EXTRA14 Application of diaphragm guide invitation by welding





## Accessories for rolling shutter

## Support for side plate



SRA196Z	50
for pipeø 42 mm	PZ
SRA197Z	50 PZ
for pipeø 48 mm	PZ
SRA198Z	50 PZ
for pipe ø 60 mm	PZ
SRA199Z	40
for pipeø 76 mm	PZ

Flat side plate for 101 mm tube support 50 mm depth



SRA805Z 420x420mm, thickness 30/10

SRA800Z 500x500mm, thickness 30/10 Compatible with SRA801Z - SRA802Z SRA810Z - SRA254Z

10 PZ

10 PZ

Adjustable support



SRA250Z 50 PZ for pipe ø 48 mm - ø 60 mm - ø 76 mm

Support for tube Ø 101mm



**SRA801Z** ΡŻ Support for tube thickness 30/10 Compatible with SRA800Z - SRA802Z SRA805Z - SRA810Z- SRA254Z

Sliding support



SRA177Z	50
for pipeø 42 mm	PZ
SRA178Z	50
for pipe ø 48 mm	PZ
SRA179Z	50
for pipe ø 60 mm	PZ

Plate for tube support Ø 101mm



SRA802Z 10 PZ Plate for pipe support thickness 30/10 Compatible with SRA800Z - SRA801Z SRA805Z - SRA810Z- SRA254Z

## Universal plate



SRA259Z pipe ø 48 mm - ø 60 mm - ø 76 mm

Flat side plate for wall tube fixing bracket **Ø**48/60/76mm



QSTT nut/bolt 10x20mm for tube supports, plates and fixing brackets



SRA254Z 100 PZ nut bolt OSTT 10x20mm

Compatible with SRA196Z - SRA197Z SRA198Z - SRA199Z - SRA250Z SRA259Z - SRA801Z - SRA810Z SRA815Z - SRA816Z

SRA251ZS 10 PZ 300x300mm, thickness 25-30/10 SRA252ZS 10 PZ 350x350mm, thickness 25-30/10 SRA253ZS 10 PZ 420X420, thickness 25-30/10

Compatible with SRA815Z - SRA254Z







SRA810Z <L> fixing bracket including fixing bracket reinforcement, thickness 30/10.

SRA800Z - SRA802Z SRA805Z - SRA801Z- SRA254Z

Side plate fixing bracket to the wall for *ø* 48/60/76mm



SRA815Z<br/><L> fixing bracket thickness 30/1010<br/>PZcompatible withSRA251ZS - SRA252ZS

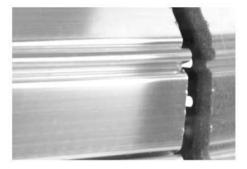


Tested in our facility with an applied force of 800~Kg





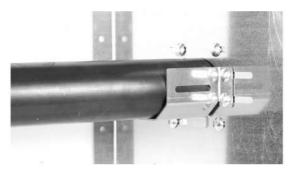




Watch the tutorial video









Nylon connecting rod for rolling shutters

## TUB309N

Nylon connecting rod for rolling shutters Compatible with TUB305N - GALVANIZED TUBE STAINLESS STEEL TUBE - ALUMINUM TUBE Available in various colours



Choose roller shutters of any style, size or design. Reversible and compatible with all types of materials.

300 PZ







WHEELBASE Length to 120 mm

## Accessories for roller shutters





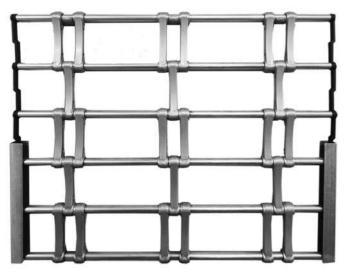
## TUB305N

Lateral nylon chain For tubes Ø 18 mm Wheelbase 120mm Mounting pins included Compatible with TUB305N - TUB302Z TUB303N - TUB309N - GALVANIZED TUBE STAINLESS STEEL TUBE - ALUMINUM TUBE

300 PZ

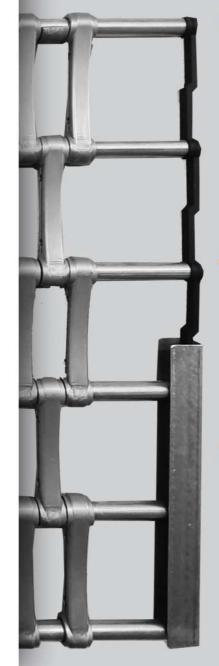
Lateral nylon chain.

Designed to improve roller shutters' performance, our lateral nylon chain is made to have more fluidity of movement along the guides and a quicker and easier assembly.



## Excellent fit along side guides:

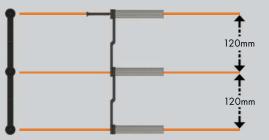
Our highly resistant and flexible material guarantees an excellent automatic fit in the side guides.



**Quick installation:** Thanks to pressure inserted nails, installation is fast.

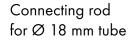
#### **Optimal sliding fluidity:** The nylon chain guarantees smooth and silent movement along the side guides.

**Universal Compatibility:** Adaptable to all types of roller shutters, wheelbase 120mm, with nylon and galvanized steel connecting rods.





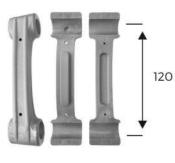
## Accessories for rolling shutter





pcs Galvanized steel, wheelbase of 120 mm

Nylon Connecting rod repairs for Ø 18 mm tube



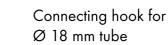
**TUB303N** InNylon, wheelbase of 120 mm nylon

30 pcs

Connecting rod for Ø 18 mm tube



TUB302INOX 350 pcs Stainless steel, wheelbase of 120 mm





400 pcs

Galvanized steel TUB306ZG Galvanized steel, big bending Nylon Connecting rod for Ø 18 mm tube



**TUB309N** 300 pcs Nylon, wheelbase of 120 mm

Connecting hook for Ø 18 mm tube



TUB306INOX Stainless steel

400 pcs

Connecting rod for Ø 18 mm tube thickness 1,8mm



**TUB325Z** 150 pcs Galvanized steel, wheelbase of 95 mm

Ø 14 mm tube

Connecting rod for Ø 14 mm tube thickness 2,0mm



**TUB312Z** 300 pcs Galvanized steel, wheelbase of 60 mm

Connecting hook for

600 pcs



**TUB319Z** Galvanized steel Side chain for Ø 18 mm tube



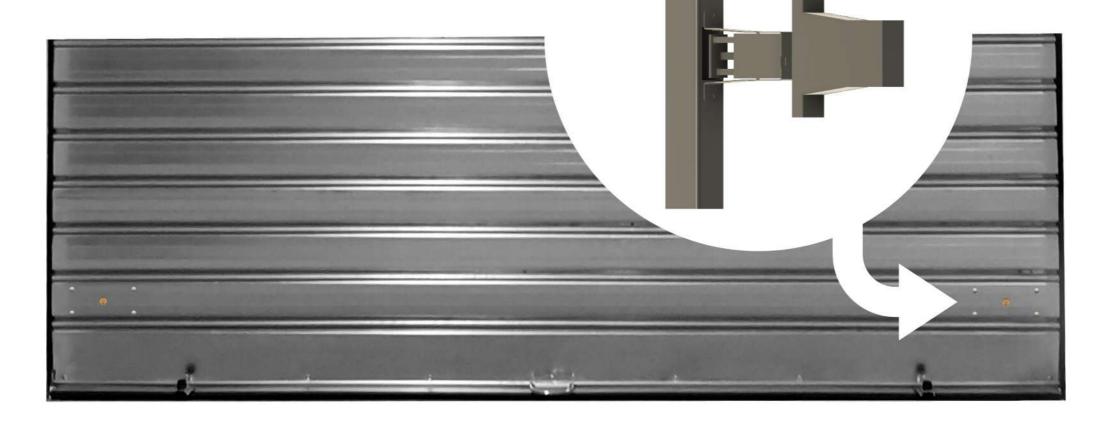
TUB304Z 100 MT Wheelbase of 120 mm 80 MT TUB326Z Wheelbase of 95 mm





#### Push and Stop: a universal security device for roller shutters.

Our security device, named "Push & Stop," is a component designed to avoid accidental opening of the roller shutter when the lock is engaged. This revolutionary instrument is a modern and reliable security solution for anyone looking for advanced security without the traditional drawbacks.



#### **Benefits:**

Increased Security: Eliminate risk of damage to the roller shutter when the lock is engaged. No compromised security, no damage to the lock, curtain or gearmotors.

Avoid accidental opening: The Push & Stop allows you to use the lock safely without risking accidental opening.

- Ouick Installation: The reduced size and intuitive design guarantee a simple installation.
- Driversal Compatibility: Adaptable to all types of roller shutters, new or previously installed, for effective protection.

Push & Stop Button with cable included



MDE10000 Nylon button with cable included

Fastening bracket predisposition



MDE10005 Fastening bracket with side guide for Push & Stop button



Plastic covering

MDE10010 Plastic covering Push & Stop Smart Kit includes: Fastening bracket for Push & Stop predisposition Push & Stop button with cable



MDE10020 Push & Stop Smart Kit Push & Stop Pro Kit includes: Fastening bracket for Push & Stop capability Push & Stop button with cable Plastic covering



MDE10030 Push & Stop Pro Kit

#### **Compatibility:**

Our Push & Stop device is compatible with all control panels equipped with a "Stop" function and with all low voltage control panels.



## Gaskets, profiles, and sliding blocks

Interlocking gasket with glue inserted inside, for "U" rail 1.50mm thick

- Noise reduction
- Reduction of friction
- Edge coverage to the guide
- High corrosion resistance
- Improved aesthetic appearance of the damper
- Versatile

Interlocking gasket

- Quick and easy to apply
- Glue resistant to low and high temperatures
- Small packaging size (190x270mm)





#### Gaskets for side guide



150 MT





150 MT









Interlocking gasket



Stop gasket for end element applicable to both the Italy and France models

- EPDM material
- Sponge end element
- Adheres perfectly to floor imperfections
- Reinforcing metal core
- Noise attenuation
- Resistant to sun and temperature changes
- Ductile, easy to apply and shape
- Small packaging size (55x55xh.19cm Kg20)

MT

Gaskets for final slat











SRA1476
EPDM 14x27mm with iron reinforcement







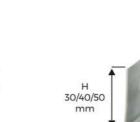
## Gaskets, profiles, and sliding blocks

#### Side guides, profiles and tubes

Side guide with gasket housing



size 50x60, thickness 1,50mm



22/25/28/30/32 mm

1000 KG

Guide model "U"

90P05 In sizes H x L, th. 15-20/10





90P12	1000
A: 50 mm, B: 73 mm	KG
90P15	1000
A: 80 mm, B: 73 mm	KG

Tube for roller shutter

"L" profile for end slat Italy model



Guide to "G"

500 KG 90P10 45x30 mm, thick 25-30/10 500 KG 90P11 50x30 mm, thick 25-30/10

90P13 80 mm depth

Galvanized pipe for curtain roller shutter

TUB400Z	5000
In galvanized steel ø 14 mm	KG
TUB402Z	5000
In galvanized steel ø 18 mm	KG
TUB402INOX	5000
In stainless steel ø 18 mm	KG

Pipe	Ø	14	wavy
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**TUB401Z** Ø 14 mm ondulated tube



90TUBO42	1000 KG
In galvanized steel ø 42 mm	KG
90TUBO48	1000
In galvanized steel ø 48 mm	KG
90TUBO60	1000
In galvanized steel ø 60 mm	KG

#### Tube for roller shutter



90TUB076 1000 KG In galvanized steel ø 76 mm 1000 KG 90TUB0101 In galvanized steel ø 101 mm 1000 KG 90TUB0133 In galvanized steel ø 133 mm

#### Nylon sliding blocks

For plane slat with interlocking

For small plane slat



C



### Upper support





50 PCS

> 50 PCS

VER483Z Standard

VER481Z Large

50 PCS

> 50 PCS

Lower support

Upper support



Lower support







VER515Z Size 35x35x35 mm 50 PCS

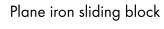
Lower band guide



Plane iron sliding block



VER491Z	100 PCS
With iron wheels, pitch 110 mm	PCS
VER489Z	100 PCS
With iron wheels, pitch 115 mm	PCS
VER487Z	100
With iron wheels, pitch 120 mm	PCS





VER503Z	100
With nylon wheels, pitch 110 mm	PCS
VER501Z	100 PCS
With nylon wheels, pitch 115 mm	PCS
VER499Z	100
With nylon wheels, pitch 120 mm	PCS



Central lock





10C Central lock, 3 keys included

10CKA Central lock with same encryption, 3 keys included Double bit side lock bent bolts



40DMLZ Right and left, 3 keys included.

Side lock bent bolts



Locks

10ALZ Right and left, 3 keys included.

**10ALZKA** Right and left with same encryption, 3 keys included.

Fixing bolt



5 MA threaded holes for fixing lock

Double bit cental lock

Padlock



Double bit central lock, 3 keys included

Double bit central lock same encryption 3 keys included

#### Fixing plate



40DM2 500 PZ For double bit locks, threaded holes 5 MA

#### Fixing plate



10A3	
With 5 MA threaded holes	

50 PZ



10LC Padlock

Nut and bolt for fixing lock



10A7 500 PZ Bolts QSTT 6x25 mm for fixing lock

## Screw for fixing bolts



Aluminium lock cover with central hole





Aluminium lock cover without central hole



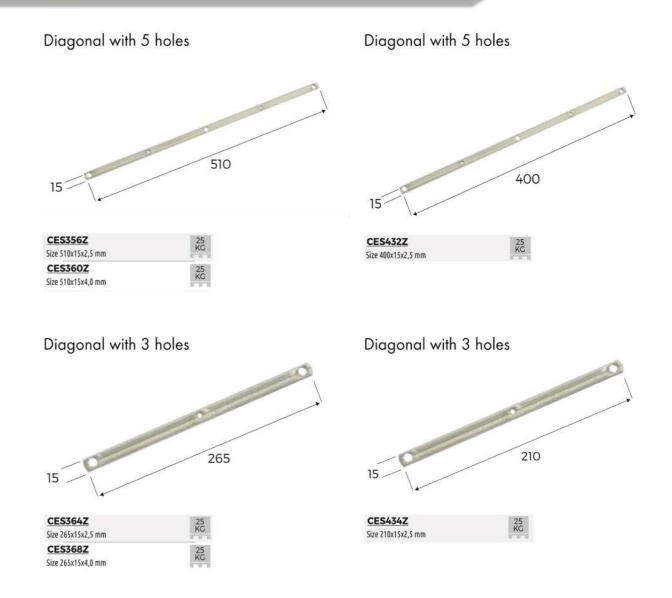
**10ASFM** 5 MA threaded holes, handle included 50 PZ 10A1

500 PZ

40DMC 40DMCKA

## Accessories for extendible gates







#### Hinge with stop



CES422Z For overturnig guide

150 PZ

Lock



20CF

Lock for folding gate with milled cylinder 18,5 mm - 24 mm, 3 keys included

20CFKA

Lock for folding gate same encryption with milled cylinder 18,5 mm - 24 mm, 3 keys included

# Hook for lock CES424Z 500 PZ Type "C" Small plate



500 PZ

100 PZ

CES433Z With two 6 MA threaded holes

Turned device



**CES317Z** Turned stopping device Small plate

Thickness 2.0mm

CES430Z 40X25 mm with punched hole

1000 PZ

1000 PZ

500 PZ

Small plate



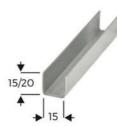
CES426Z 40x25, 6 MA threaded hole

Small plate



CES431Z With slot

Galvanized "U" profile



90P01	1000
15x15x15 mm, th. 1,2 mm	KG
90P02	1000
20x15x20 mm, th. 1,5 mm	KG

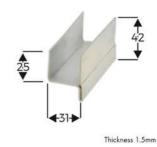
Galvanized profile"C"



Thickness 2.0mm

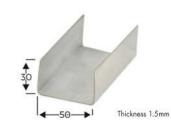
1000 KG 90P04 15X40X45X40X15 mm for upper guide

**Profile beat** 



1000 KG 90P03 Galvanized profile beat in size 25x31x42 mm

Galvanized "U" profile



90P06 30x50x30 mm for lower guide









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