



# Rolling shutters accessories

PRODUCT BOOK 

# Over 70 years of ingenuity, know-how and production versatility.

**Specialising in mould design, metal profile manufacturing, cold forming and assembly, Cherubini Mi-Metal produces integrated systems for rolling shutters and garage doors.**

The company's activities began after the Second World War, when in 1948 Alessandro Marchetti, owner of a small mechanical workshop in the centre of Vicenza, started manufacturing components for rolling shutters. A man of great imagination and remarkable inventiveness, Marchetti decided to pursue multiple avenues of production: sofas for railway carriages, light bombs for military training, roller skates and accessories for rolling shutters. His prevailing interest in construction then led him to focus on the development of a single type of product, resulting in the current industrial configuration.

Manufactured in Italy and distributed worldwide, Cherubini Mi-Metal components now include a wide range of accessories, from tape coilers to octagonal rolls, from supports to pulleys, to side frames, roller shutter boxes and guides, structured in a complete range available in the catalogue.



The experience gained in various industrial sectors and the methodological approach based on needs analysis, technological innovation and applied research allow Cherubini Mi-Metal technicians to develop customised solutions with a high level of specialist expertise.

Part of the Cherubini Group since 2023, Cherubini Mi-Metal successfully serves all major markets in Europe, the Middle East and the Americas.

# OUR COMMITMENT TO QUALITY AND SUSTAINABILITY.

## A responsible future, built with expertise and innovation.

The experience gained in over 70 years of business has consolidated Cherubini Mi-Metal's awareness that manufacturing excellence must necessarily be integrated with environmental responsibility.

**ISO 14001 certification for environmental management and ISO 9001 certification for quality** testify to our concrete commitment to international standards, guaranteeing our customers not only high-quality products but also environmentally friendly production processes.

## Recycling materials for sustainable production.

Cherubini Mi-Metal's production philosophy embraces the principles of the circular economy through strategic choices that reduce environmental impact without compromising quality.

We use raw materials from certified recycling processes, ensuring that components maintain the technical characteristics required by our quality standards.

Our products are designed to be fully recyclable at the end of their life cycle, thus contributing to the reduction of industrial waste. This focus also extends to packaging: all packaging used for shipping components is made from recyclable materials, minimising the environmental impact of the entire distribution chain.

## Clean energy and emissions control.

Our factory is powered by energy from consortia specialising in the purchase of clean energy, significantly reducing the carbon footprint of our production processes. We constantly monitor CO2 production through detection systems that allow us to identify areas for improvement and implement increasingly effective solutions.

This methodical approach, which reflects the same precision applied to the design and manufacture of our products, allows us to keep the environmental impact of the production process under control.

## Responsible selection of partners.

The Cherubini Mi-Metal supplier network is selected according to strict criteria that include environmental commitment as a key factor. We select and collaborate with partners who share our sustainability values and are able to guarantee certified environmental standards, creating a structured supply chain that is fully aligned with the principles of ecological responsibility.

## Waste management and traceability.

Industrial waste management strictly follows the most stringent European regulations, with documented procedures that guarantee proper disposal and, where possible, material recovery. Company processes are supported by technical data sheets that declare the environmental characteristics of products and processes, with the aim of providing customers with maximum transparency on the ecological performance of the components they purchase.

## Sustainable transport: a shared choice.

Recognising the importance of the environmental impact in the distribution phase, Cherubini Mi-Metal offers its customers the option of choosing low-emission transport methods. Although this option involves slightly longer delivery times and higher costs, it represents a concrete contribution to reducing the overall environmental impact.

The choice of sustainable transport thus becomes an opportunity for customers who are more sensitive to environmental issues to actively contribute to protecting the environment, consolidating a partnership that goes beyond the simple supply of components to embrace shared values of ecological responsibility.

## Certifications: a guarantee of excellence.

ISO 14001 and ISO 9001 certifications are not just formal recognition, but concrete evidence of a daily commitment to operational excellence and environmental responsibility. These international standards guide every business decision, from the selection of raw materials to the definition of production processes, guaranteeing customers the certainty of working with a reliable and responsible partner.

Integration into the Cherubini Group in 2023 further strengthened this commitment, providing resources and expertise to accelerate the path towards increasingly sustainable production, while maintaining the quality and reliability that distinguish Cherubini Mi-Metal components in the main international markets.

# Quick-fix Bond cover

Consisting of two modular parts that can be easily clicked together by overlapping them, the Bond cover is designed to be mounted even after the tape coiler has been fully installed, without the need to disconnect the tape.

Modular interlocking cover for quick installation



It is fixed by applying light pressure to the cover, after aligning the 4 clips on the back with the 4 holes on the tape coiler.

- Compatible with all types of tape coilers with a centre distance of 145 to 205.
- Available in colours RAL 9003, 9010, 8019 and 9005.
- Colours 1013, 9006 (Silver) and 1036 (Gold) are screen printed.
- Made of ABS, it can be customised in other colours using screen printing.

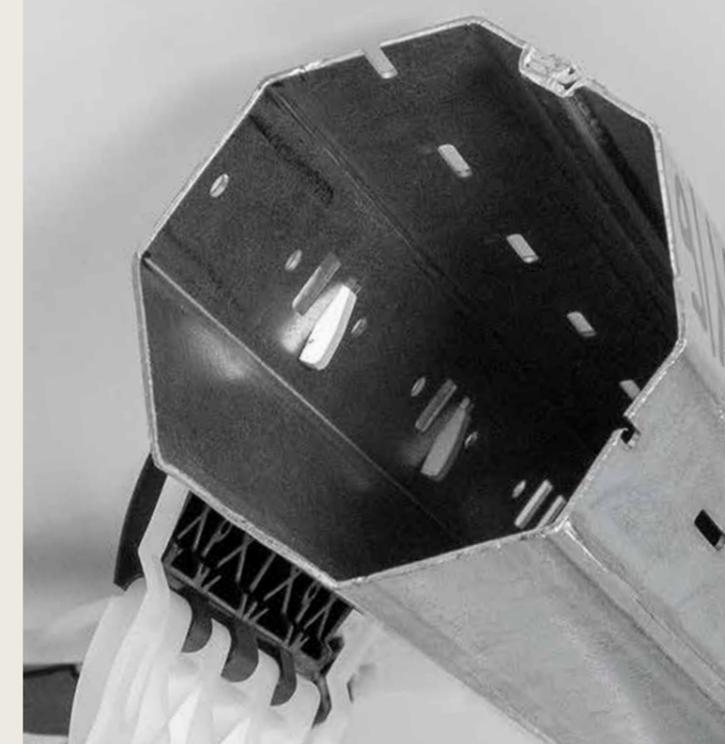
# Safety stops

## Rolls with FF hole

Applied by locking the clips into the hole in the roll, they prevent the rolling shutter from being lifted by the motor.



- Quick installation with snap-on fastening and locking clips
- Quick release by pressing on the clips to facilitate maintenance operations
- Available with different fastening methods for maximum compatibility
- Tested with all Cherubini Mi-Metal rolls with FF hole
- Available in 2 sizes, mini system and traditional system
- Applicable on rolls with diameters of 40, 50 and 60



# Reinforced brackets

Applicable on standard aluminium side frames or directly on masonry, the reinforced brackets are ideal for installing armoured rolling shutters and garage doors, as they are able to withstand high stresses.

The ideal solution for armoured rolling shutters and garage doors



- 4 mm steel thickness to support heavy loads
- Very quiet ball bearings for smooth and fluid movement
- Square or star-shaped hole for maximum compatibility with all motors



## INDEX

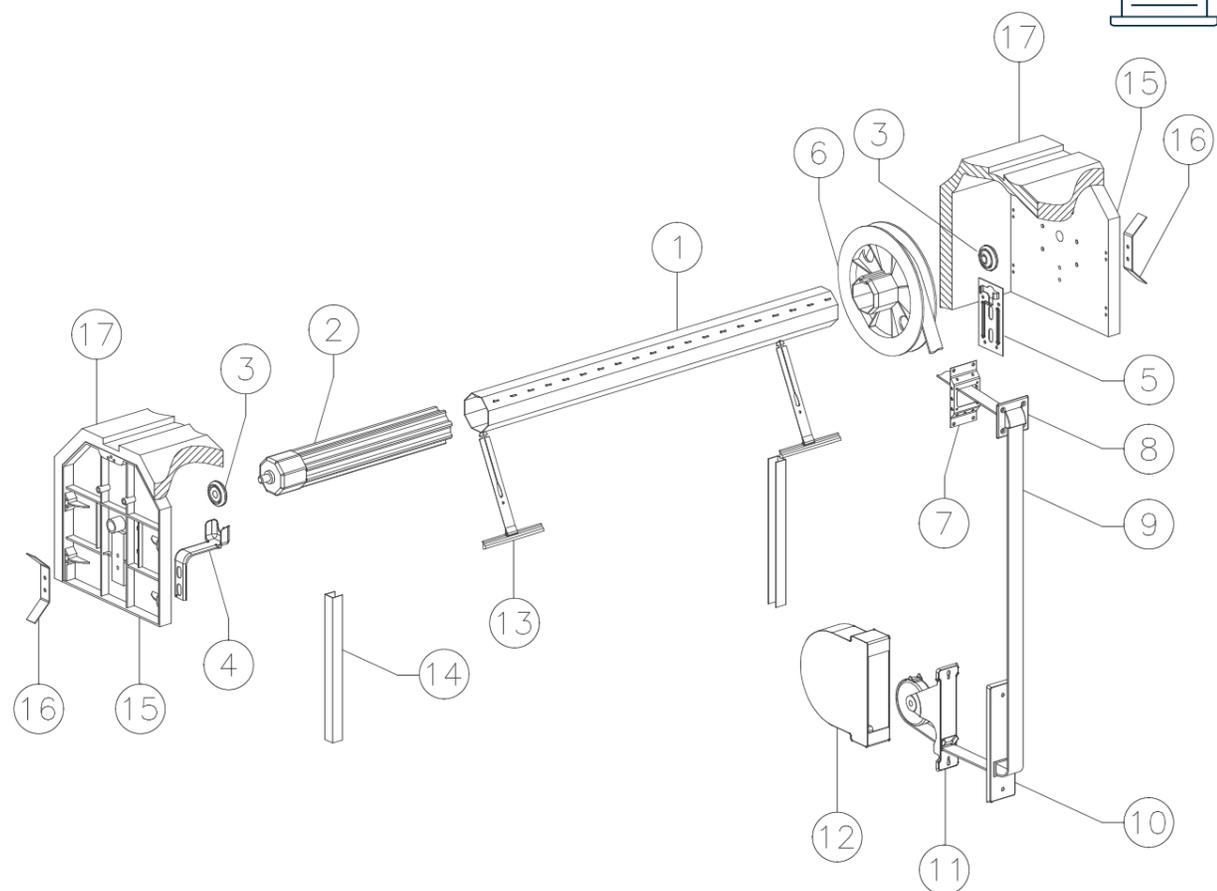
<b>1</b>	Synoptic tables	page 15
<b>2</b>	Tape coilers, covers and boxes	page 31
<b>3</b>	Box tape coilers and reduction gears	page 71
<b>4</b>	Caps and pulleys	page 83
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<b>6</b>	Octagonal and telescopic rolls	page 121
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<b>10</b>	Winches and accessories	page 175
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# 1 SYNOPTIC TABLES

# THERMAL SYSTEM

APPLICATION

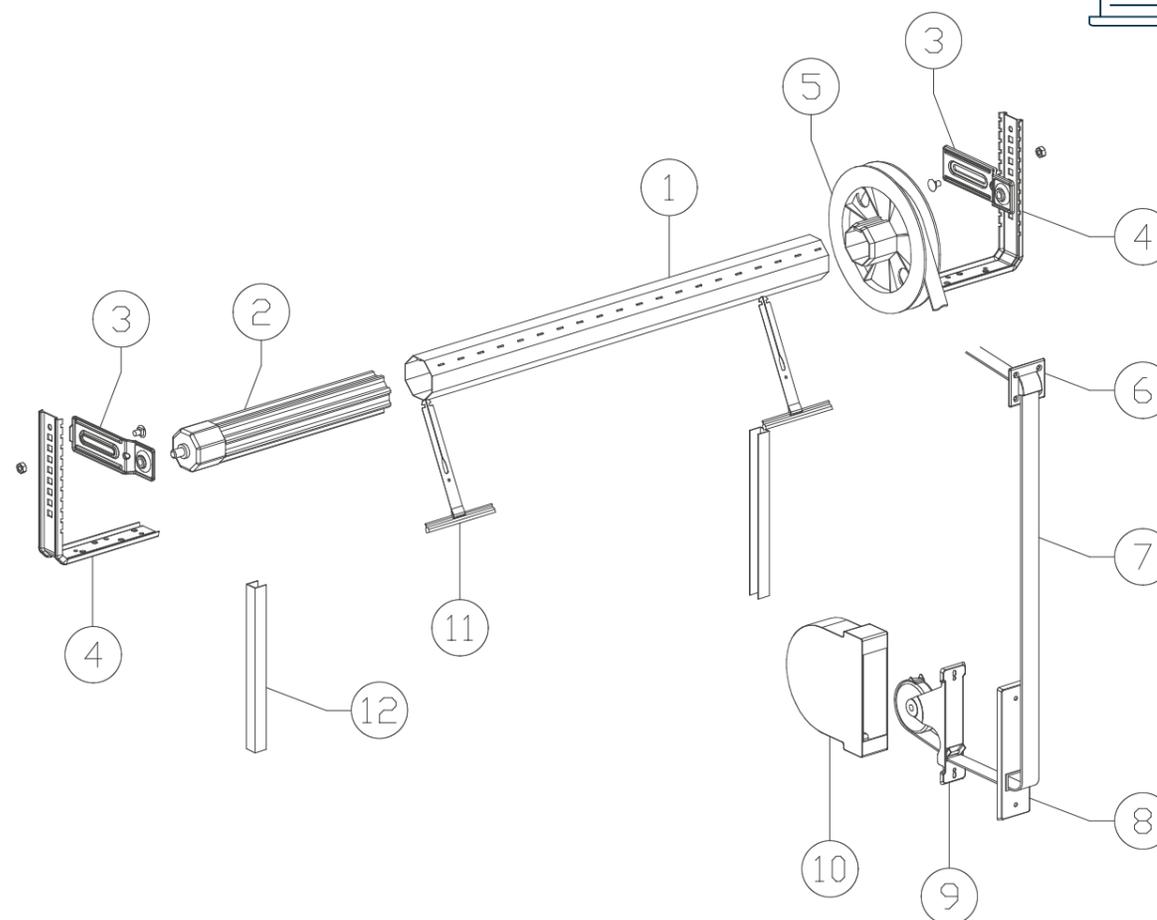


## KEY

CODE	DESCRIPTION	PAGE
1 ROI.60.1.6	Octagonal roll 60 mm	126
2 R.TE.35	Telescopic roll with iron cap Ø 60 mm	129
3 CE.40.12	40 mm Nylon ball bearing	96
4 SC.1.90	90 mm roller shutter box support	101
5 SCP.2	Flat roller shutter box support	102
6 PP.18.PF	Plastic pulley with flush pin	86
7 SG.100	Box tape guide support	152
8 GC.6.NY	Box tape guide support	152
9 CT.10.50	Cotton tape	66
10 P.165.PL	Plastic cover	46
11 A.165.5	Tape coiler	32-33
12 CP.165.6	Plastic box	65
13 MVT.2190	MAXI safety spring with slotted head	137
14 GU.22.19	Zinc-plated steel guide	168
15 FP.25.Q	Plastic side frame for 25 cm roller shutter boxes	170
16 SQ.1	Bracket for roller shutter box	155
17	EPS roller shutter box	

# MONOBLOCK SYSTEM

APPLICATION

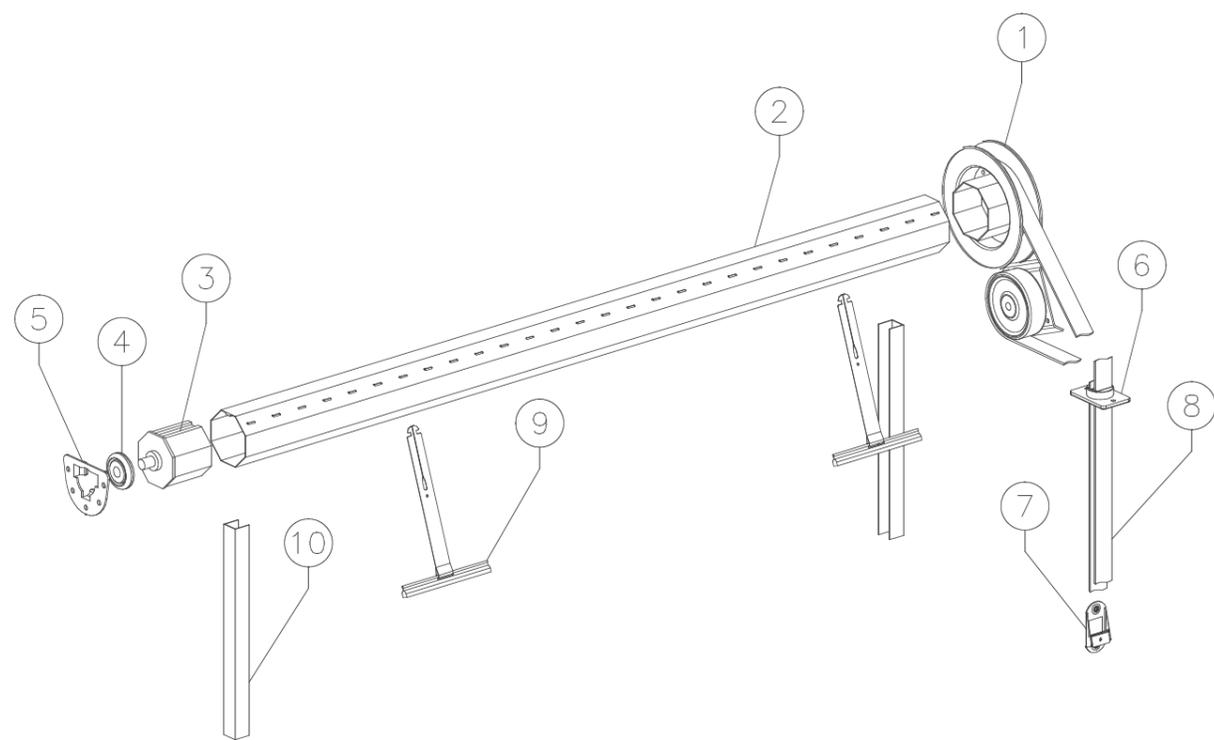


## KEY

CODE	DESCRIPTION	PAGE
1 ROI.60.1.6	Octagonal roll 60 mm	126
2 R.TE.35	Telescopic roll with iron cap Ø 60 mm	129
3 SB.3	Zinc-plated ball bearing for 90° support	108
4 SB.2.S	90° support without ball bearing	109
5 PP.18.PF	Plastic pulley with flush pin	86
6 GC.6.NY	Box tape guide support	152
7 CT.10.50	Cotton tape	66
8 P.165.PL	Plastic cover	46
9 A.165.5	Tape coiler	32-33
10 CP.165.6	Plastic box	65
11 MVT.2190	MAXI safety spring with slotted head	137
12 GU.22.19	Zinc-plated steel guide	168

# TIZIANO SYSTEM

APPLICATION

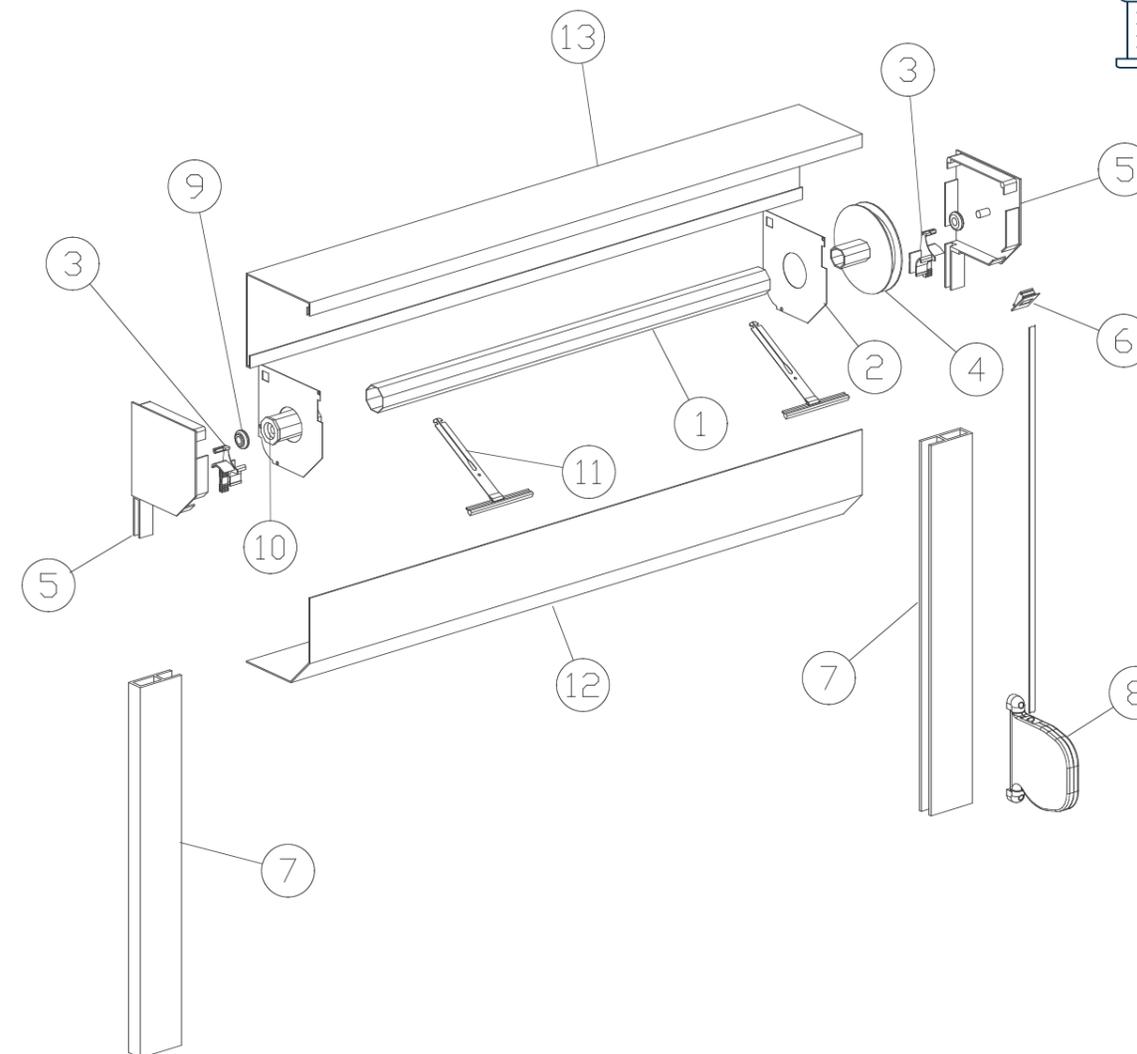


## KEY

CODE	DESCRIPTION	PAGE
1 AC.140.DX	Box tape coiler with iron pulley	72
2 ROI.60.1.6	Octagonal roll 60 mm	126
3 KP.60.55	Plastic cap 55 mm	88
4 CE.40.12	40 mm Nylon ball bearing	96
5 PL.1	Ball bearing round bracket 40 mm	103
6 GC.1.NY	Vertical Nylon tape guide	151
7 BC.5	Zinc-plated tape stop	150
8 CTSG.12/20.6	Nylon tape	66
9 MVT.2190	MAXI safety spring with slotted head	137
10 GU.22.18	Zinc-plated steel guide	168

# LEONARDO SYSTEM

APPLICATION

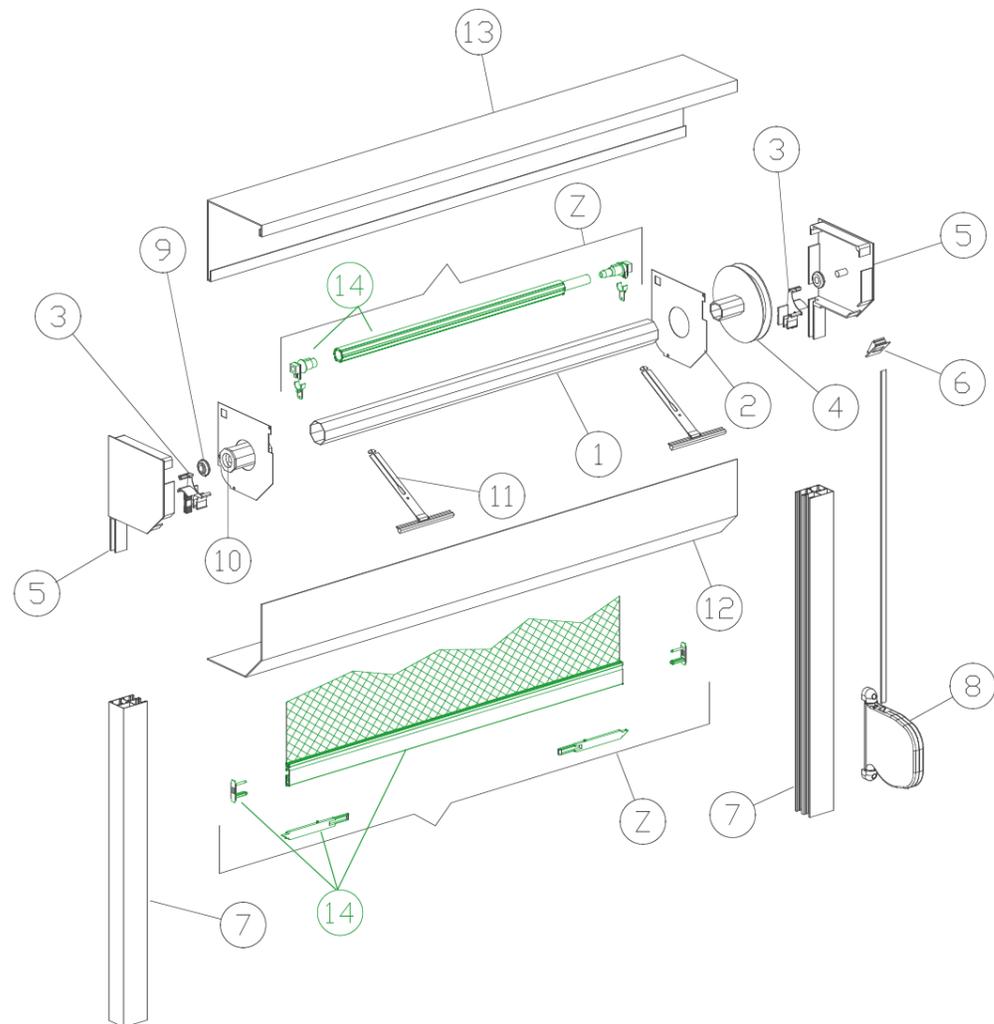


## KEY

CODE	DESCRIPTION	PAGE
1 RO.40.1.6	Octagonal roll 40 mm	124
2 FCZ.55.134	Safety plate	161
3 INV.01.W	Entry guide for roller shutter box	161
4 PP.125.MC	Mini pulley for 40 mm roll, 28 mm ball bearing bracket	192
5 F.137.45.01	45° side frame in white painted aluminium	160
6 GC.03.MN	Vertical Nylon mini tape guide	188
7 GA.53.22.W	Aluminium guide	167
8 APE.3.5	Mini swinging tape coiler   Centre distance 150 mm	58
9 CSM.12.2	Nylon high collar mini ball bearing	190
10 KP.40.100.MC	Mini telescopic cap 40 mm ball bearings	193
11 MVT.1130	Mini safety spring with slotted head	136
12 CA.137.45	45° aluminium profile for roller shutter box	165
13 CA.137.PA	Aluminium profile for roller shutter box	165

# RAFFAELLO SYSTEM

APPLICATION

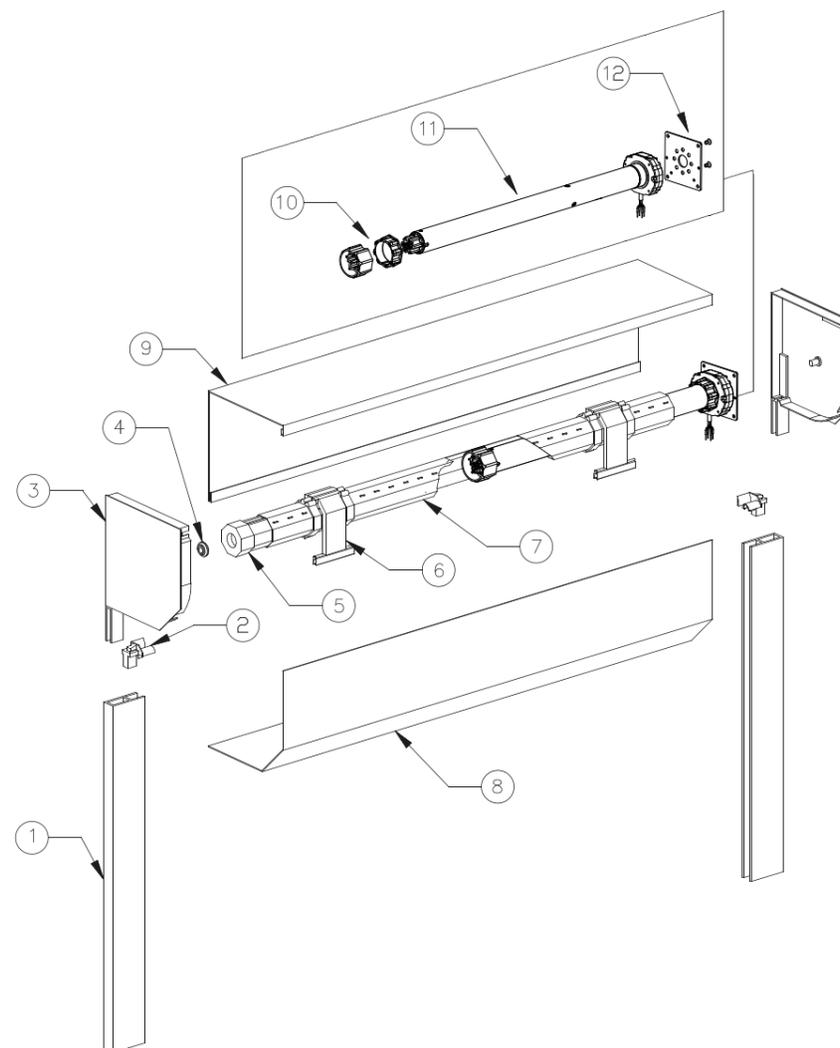


## KEY

CODE	DESCRIPTION	PAGE
1 RO.40.1.6	Octagonal roll 40 mm	124
2 FCZ.55.134	Safety plate	161
3 INV.01.W	Entry guide for roller shutter box	161
4 PP.125.MC	Mini pulley for 40 mm roll, 28 mm ball bearing bracket	192
5 F.137.45.9016	45° side frame in white painted aluminium	160
6 GC.02.MN	Vertical Nylon mini tape guide	188
7 GA.53.40.W	Double aluminium guide for mosquito screen	169
8 APE.3.5	Mini swinging tape coiler   Centre distance 150 mm	58
9 CSM.12.2	Metal high collar mini ball bearing	190
10 KP.40.100.MC	Mini telescopic cap 40 mm ball bearings	193
11 MVT.1130	Mini safety spring with slotted head	136
12 CA.137.45.9016	45° white painted aluminium profile for roller shutter box	165
13 CA.137.PA.9016	White painted aluminium profile for roller shutter box	165
14 MOSQUITO SCREEN KIT		169

# ENERGY SYSTEM

APPLICATION



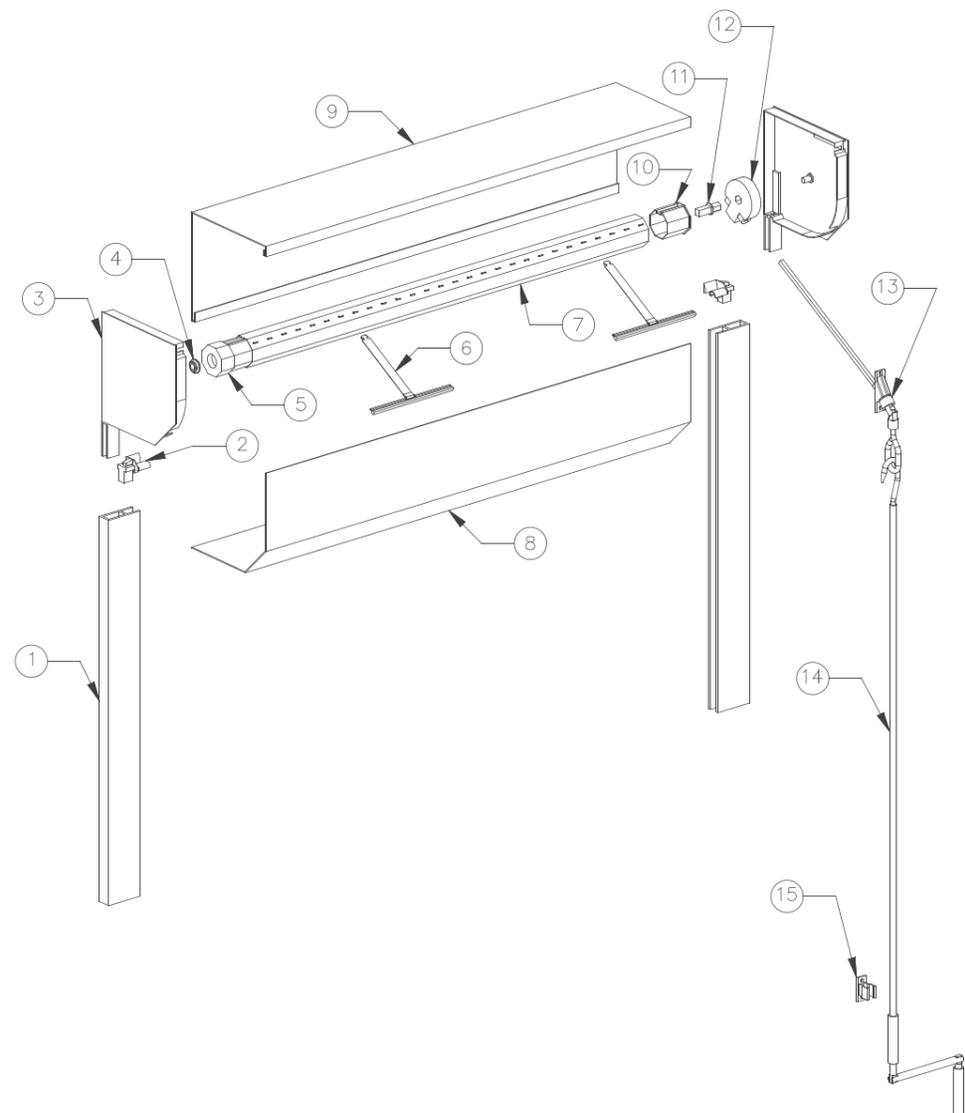
## KEY

CODE	DESCRIPTION	PAGE
1 GA.53.22.W	Aluminium guide	167
2 INV.02.W	Entry guide for roller shutter box	161
3 F.180.45.01	45° side frame in white painted aluminium	160
4 CSM.12.2.N	Nylon high collar mini ball bearing	190
5 KP.60.145	145 mm plastic cap for mini ball bearing	89
6 ST.2.3 AA.60	System Tank Adapter ring for Tank	141
7 ROD.60.1.6.FF	Octagonal roll 60 mm	126
8 CA.165.45.9016	45° white painted aluminium profile for roller shutter box	165
9 CA.165.PA.9016	White painted aluminium profile for roller shutter box	165
10 A4505_0531	Octagonal tube adaptor kit 60 thickness 6/10	*
11 OCEAN	45 mm diameter motor with override for octagonal roll 60	*
12 A4506_0568	Motor mounting plate 100 x 100	*

\*Components available in the Cherubini Manual Drive catalogue, also available on the website [www.cherubini-group.com](http://www.cherubini-group.com)

# MICHELANGELO SYSTEM

APPLICATION



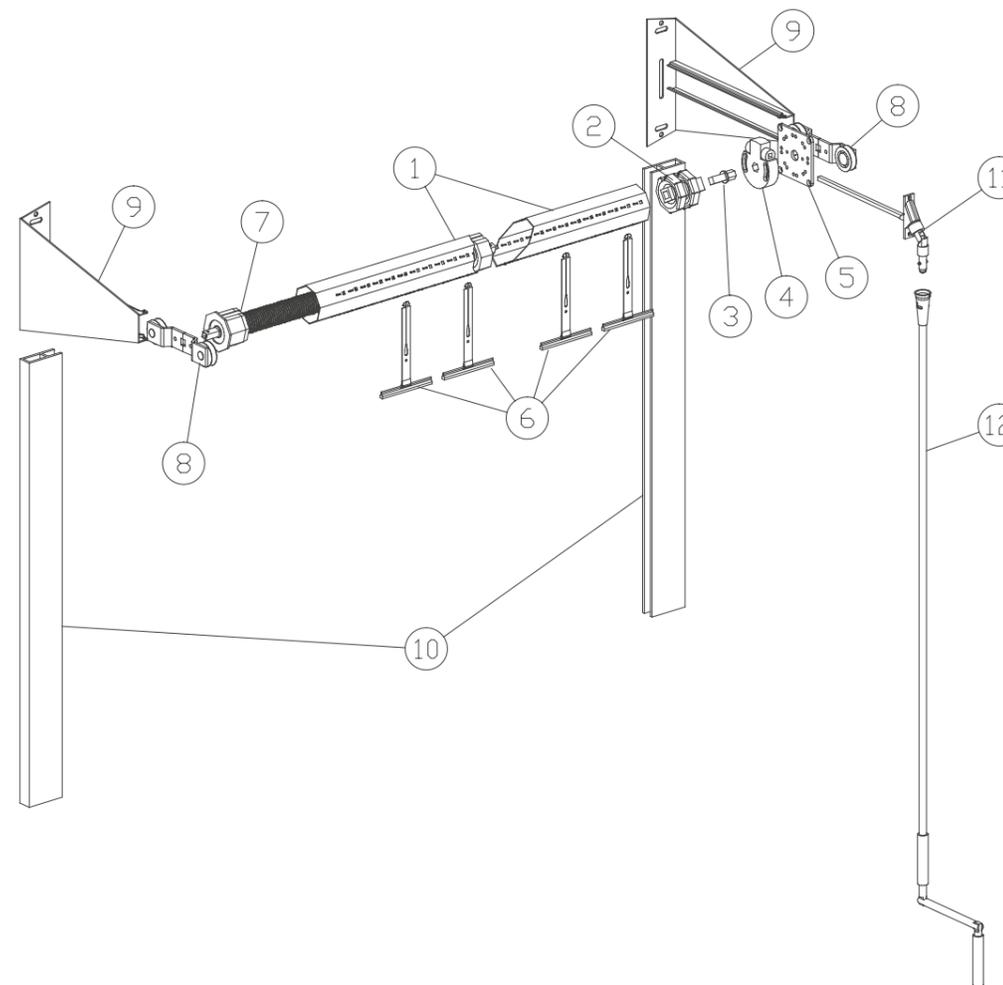
## KEY

CODE	DESCRIPTION	PAGE
1 GA.53.22.W	Aluminium guide	167
2 INV.02.W	Entry guide for roller shutter box	161
3 F.180.45	45° aluminium side frame	160
4 CSM.12.2	Metal high collar mini ball bearing	190
5 KP.60.145	145 mm plastic cap for mini ball bearing	89
6 MVT.2190	MAXI safety spring with slotted head	137
7 ROI.60.1.6	Octagonal roll 60 mm	126
8 CA.137.45.9016	45° white painted aluminium profile for roller shutter box	165
9 CA.137.PA.9016	White painted aluminium profile for roller shutter box	165
10 KP.60.FQ	60 mm plastic cap for square hole winch	89
11 7316	Zamak pivot for 11:1 winch	182
12 7365 8015 ACH04	Winch for crank manoeuvre with 11:1 ratio limit switch	182
13 7840 8043 OC16	90° joint with eyelet	*
14 7463 1509 2101	150 cm white articulated rod with hook	*
15 759016	Interlocking rod lock	*

\*Components available in the Cherubini Manual Drive catalogue, also available on the website [www.cherubini-group.com](http://www.cherubini-group.com)

# ARCHIMEDE SYSTEM

APPLICATION



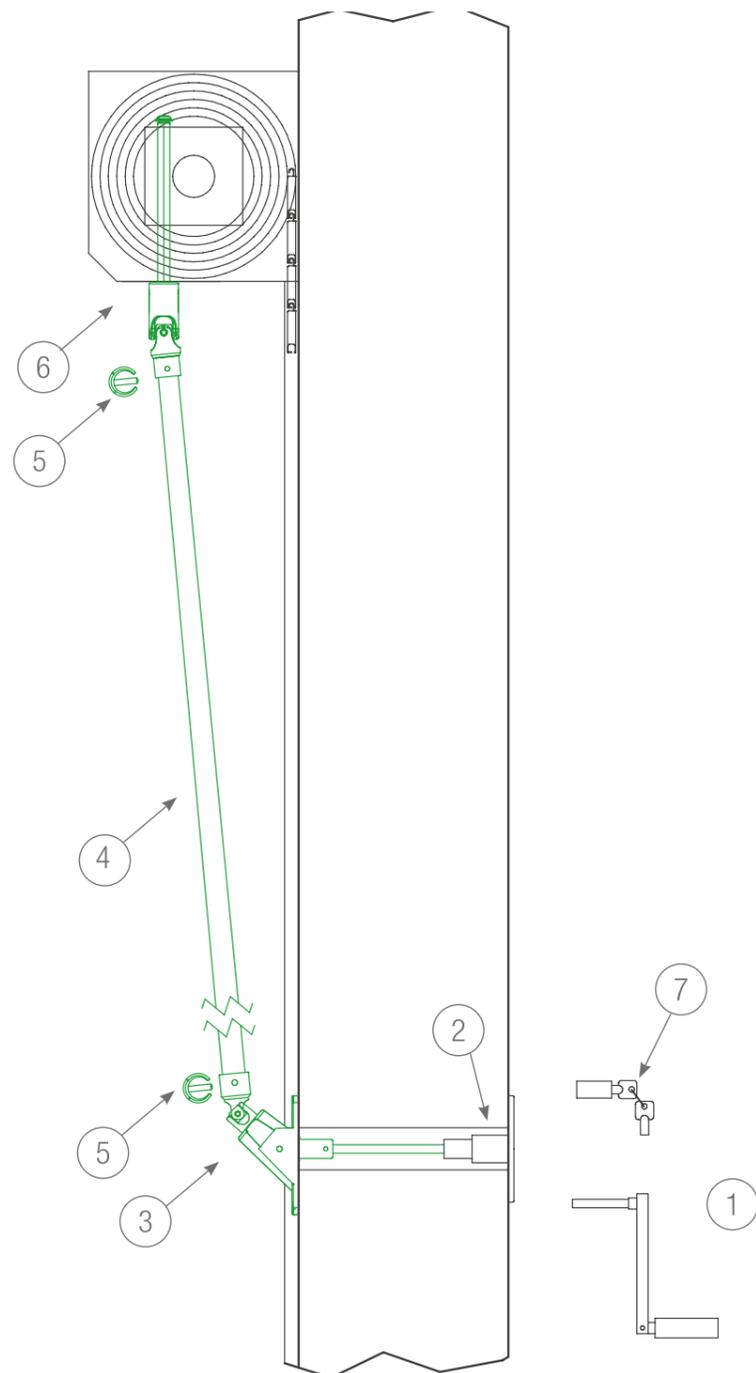
## KEY

CODE	DESCRIPTION	PAGE
1 ROI.70.1.15	Octagonal roll 70 mm	127
2 KA.70.FQ	Aluminium cap 70 mm for winch	89
3 7316	Zamak pivot for 11:1 winch	182
4 7365 8015 ACH04	Winch for crank manoeuvre with 11:1 ratio limit switch	182
5 SM.3.10	Plate without pin	112
6 MVT.2190	MAXI safety spring with slotted head	137
7 MO.70.56	Assist springs and direct pull for roll 70	132
8 CA.01	Roller wheel bracket for spring	163
9 PSG.01	Sliding support for garage	163
10 GA.80.28	Aluminium guide	167
11 7840 8053 M1216S	90° joint with pin	*
12 7461 150B 1812	150 cm articulated rod with bell	*

\*Components available in the Cherubini Manual Drive catalogue, also available on the website [www.cherubini-group.com](http://www.cherubini-group.com)

# GIOTTO SYSTEM

APPLICATION



## KEY

CODE	DESCRIPTION	PAGE
1 MA.50.B	White painted handle for 50 kg winch	179
2 MM.01	Connector for override devices	117
3 7840 8043 M12NK	Nickel-plated 90° joint	*
4 TB.150	Connecting tube L=150 mm	
5 759616	Fixing clip Ø15	*
6 7911 7033 CHNK	Nickel-plated joint	*
7 SR.03	Lock for internal garages	145

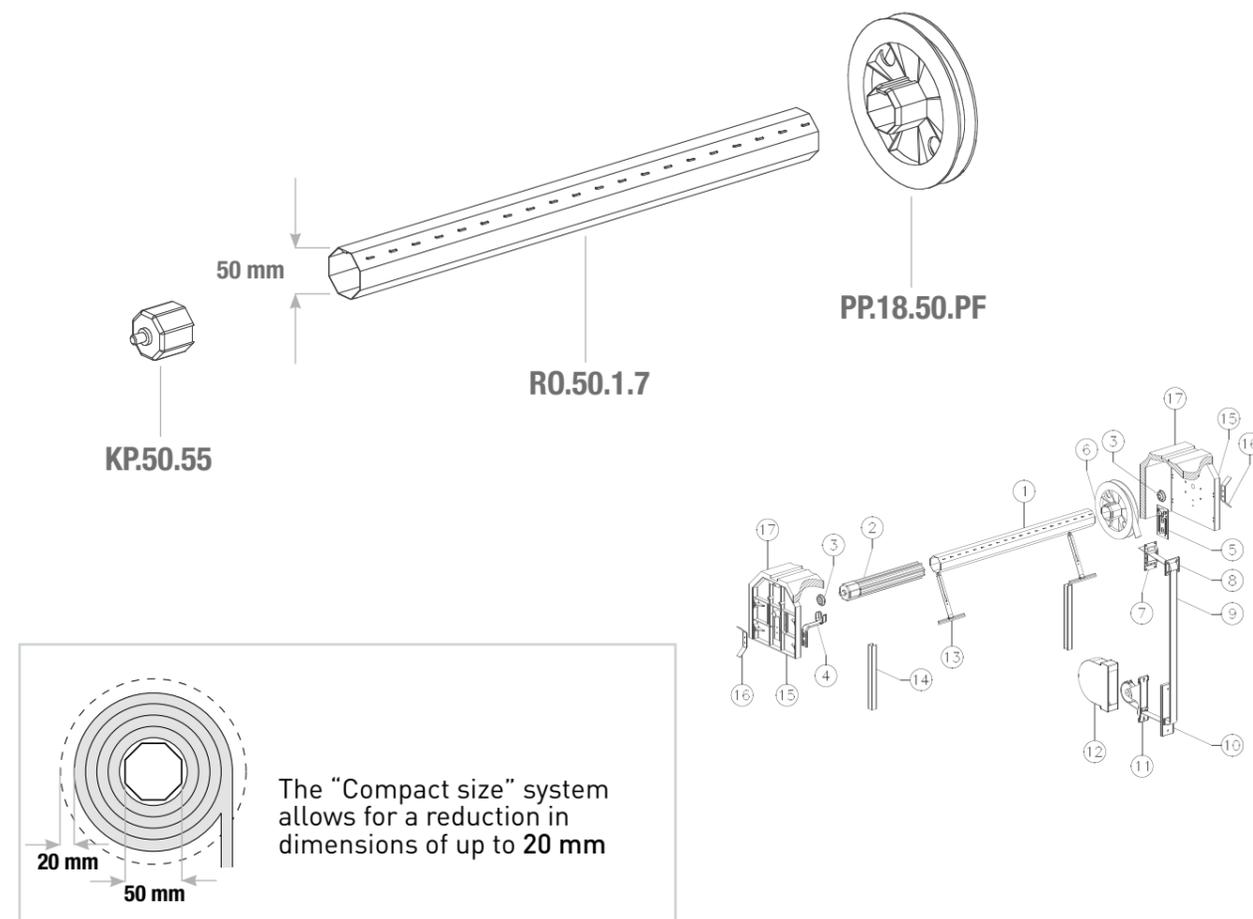
\*Components available in the Cherubini Manual Drive catalogue, also available on the website [www.cherubini-group.com](http://www.cherubini-group.com)

# SYSTEM 50 COMPACT SIZE EPS

APPLICATION



1  
SYNOPTIC TABLES

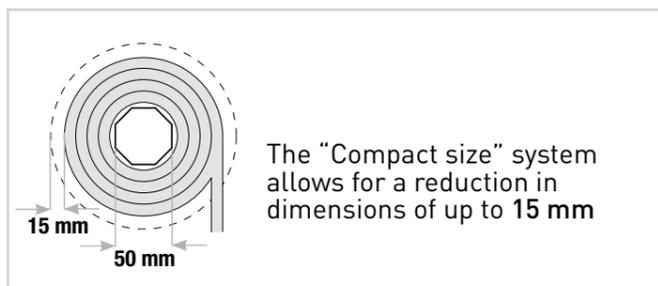
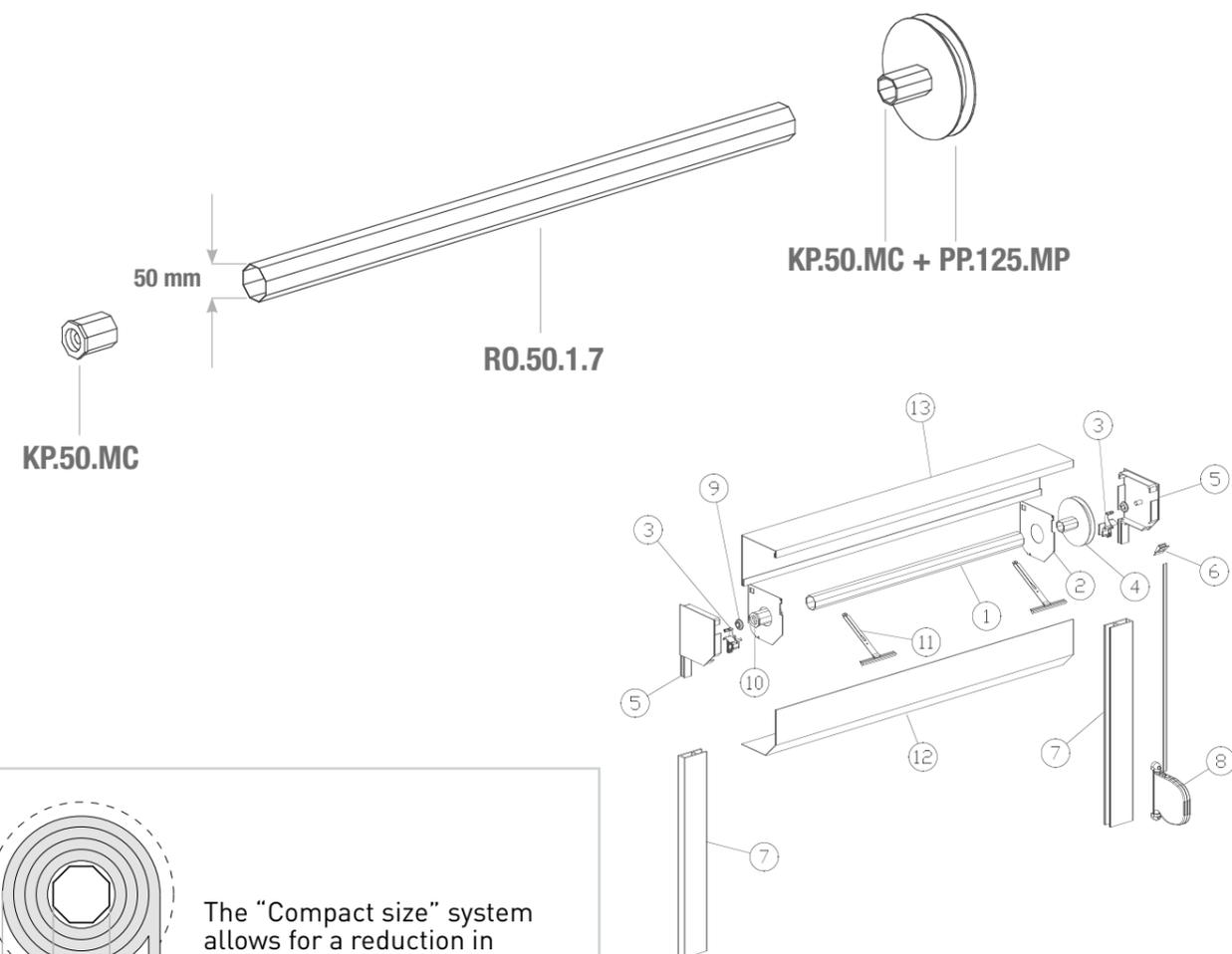


## KEY

CODE	DESCRIPTION	PAGE
1 KP.50.55	Plastic cap 50 mm	195
2 RO.50.1.7	Octagonal roll 50 mm	125
3 PP.50.18.PF	Plastic pulley with flush pin	195

# SYSTEM 50 COMPACT SIZE aluminium

APPLICATION



## KEY

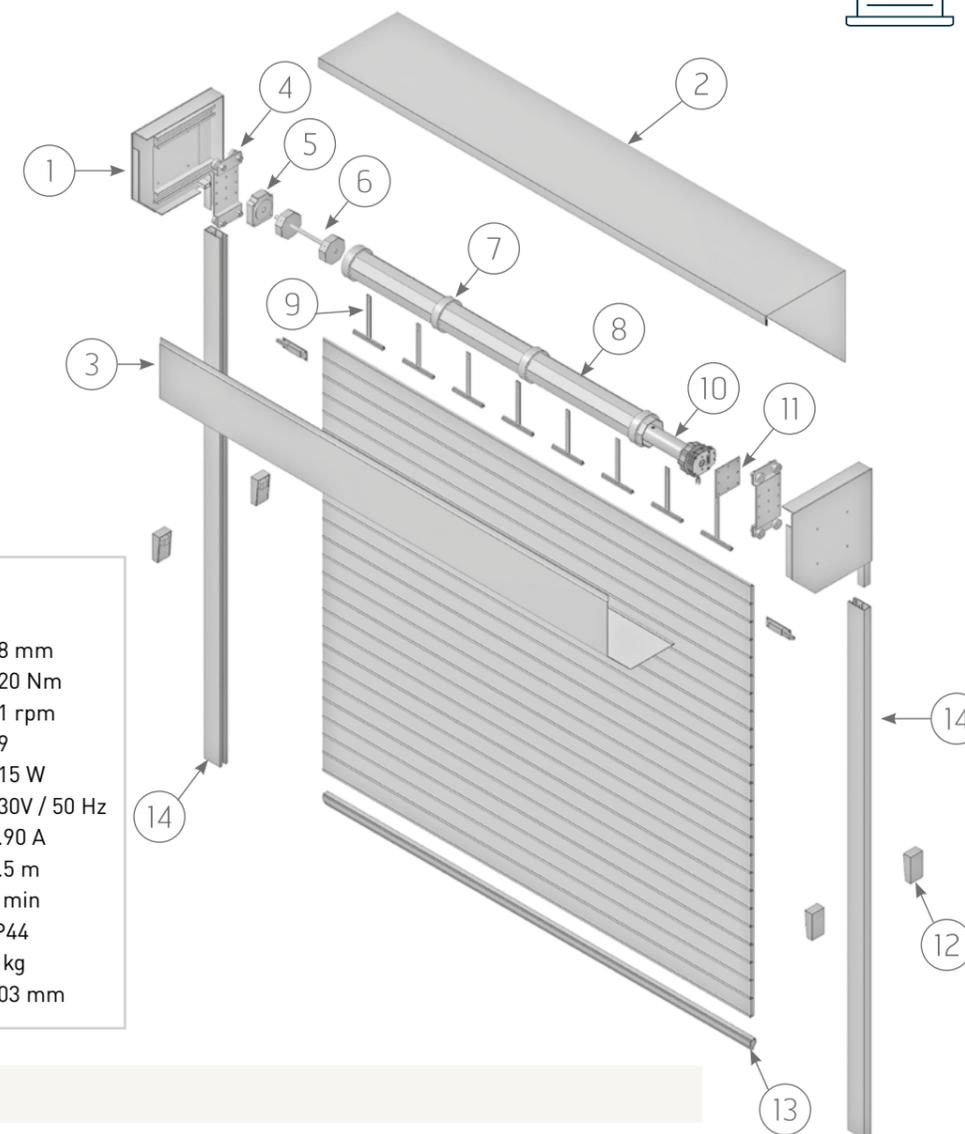
CODE	DESCRIPTION	PAGE
1	KP.50.118 50 mm cap for 28 mm mini ball bearing	195
2	R0.50.1.7 Octagonal roll 50 mm	125
3	KP.50.118 + PP.125.MP 50 mm cap for 28 mm mini ball bearing Mini through pulley for 40 mm octagonal roll	195 192

# EASY BOX SYSTEM

APPLICATION



- Maximum opening 6 m
- Maximum height 4.5 m



## Motor technical data

### OCEAN CMS58121100

Diameter	58 mm
Motor torque	120 Nm
Speed	11 rpm
Limit stop turns	29
Power	415 W
Power supply	230V / 50 Hz
Power consumption	1.90 A
Cable 4 x 0.75	2.5 m
Operating time	4 min
Protection rating	IP44
Weight	7 kg
Length	703 mm

## KEY

CODE	DESCRIPTION	PAGE
1	F.400.45.9016 Side frame 400 mm for 45°, painted white	162
2	CA.400.PA.9016 White painted aluminium profile for roller shutter box	165
3	CA.400.45.9016 White painted aluminium profile for roller shutter box	165
4	C.400.Z Double ball bearing bracket for Easy Box	164
5	FR.4.1 Parachute 140 Nm	146
6	KZ.102.300.25 Cap 102 mm for Easy Box	91
7	AA.102.130 Adapter ring for octagonal roll 102 mm	143
8	RO.102.1.20 Octagonal roll 102 mm	128
9	MGF.3190 Safety spring 190 mm with holes	138
10	OCEAN 58 mm diameter motor with override	*
	A5805_0506 102 mm octagonal tube adaptors	*
11	PM.1392 5 mm motor plate for Easy Box	117
12	FT.01 Infrared photocells	
13	BS.1 Sensitive edge (on request)	
14	GA.124.35.01 124 mm white painted aluminium guide	167

\*Components available in the Cherubini Manual Drive catalogue, also available on the website [www.cherubini-group.com](http://www.cherubini-group.com)

# EASY BOX SYSTEM industrial doors

EASYBOX

APPLICATION

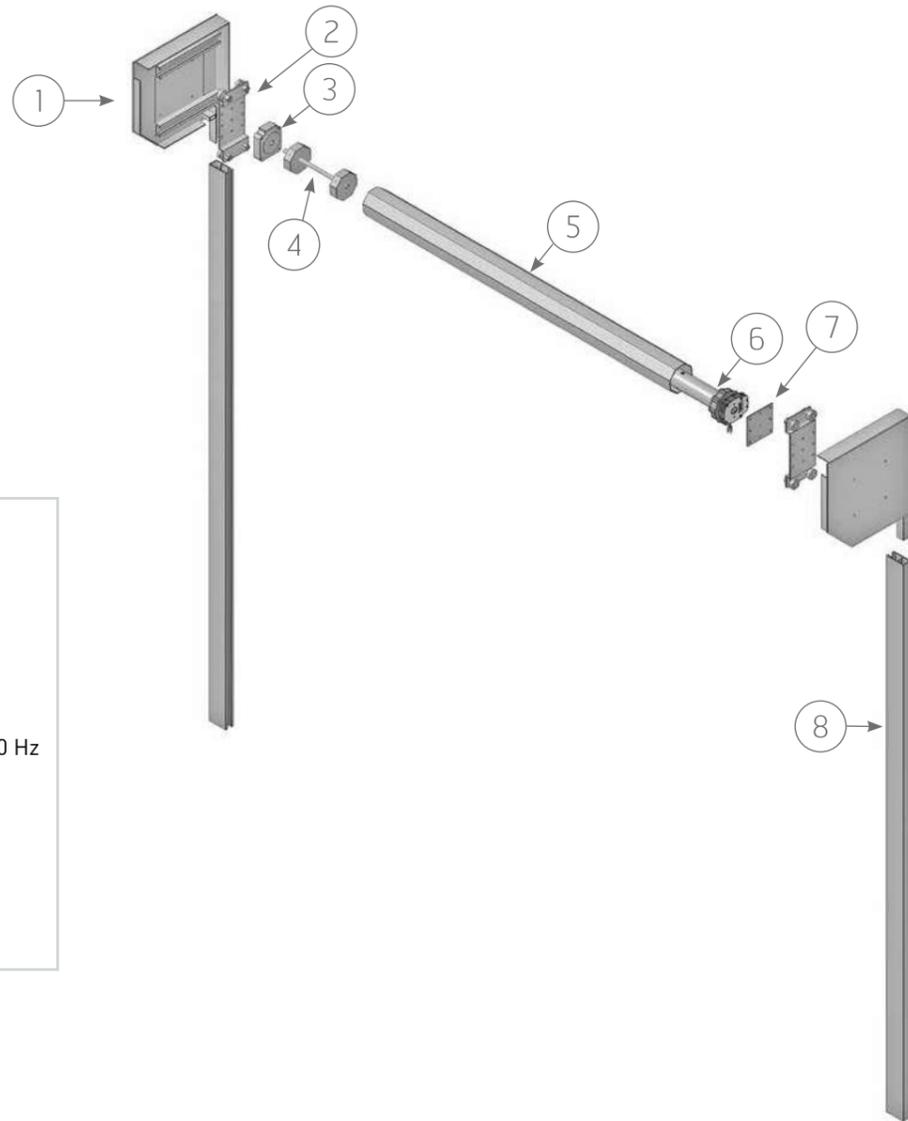


APPLICATION



1

- Maximum opening 6 m
- Maximum height 4.5 m



## Motor technical data OCEAN CMS58121100

Diameter	58 mm
Motor torque	120 Nm
Speed	11 rpm
Limit stop turns	29
Power	415 W
Power supply	230V / 50 Hz
Power consumption	1.90 A
Cable 4 x 0.75	2.5 m
Operating time	4 min
Protection rating	IP44
Weight	7 kg
Length	703 mm

## KEY

	CODE	DESCRIPTION	PAGE
1	P.400.300	400 mm plate for Easy Box	164
2	C.400.Z	Double ball bearing bracket for Easy Box	164
3	FR.4.1	Parachute 140 Nm	146
4	KZ.102.300.25	Cap 102 mm for Easy Box	91
5	RO.102.1.20	Octagonal roll 102 mm, thickness 20/10 mm	128
6	OCEAN	58 mm diameter motor with override	*
	A5805_0506	102 mm octagonal tube adaptors	*
7	PM.1392	5 mm motor plate for Easy Box	117
8	GA.124.35.01	124 mm white painted aluminium guide	167

\*Components available in the Cherubini Manual Drive catalogue, also available on the website [www.cherubini-group.com](http://www.cherubini-group.com)

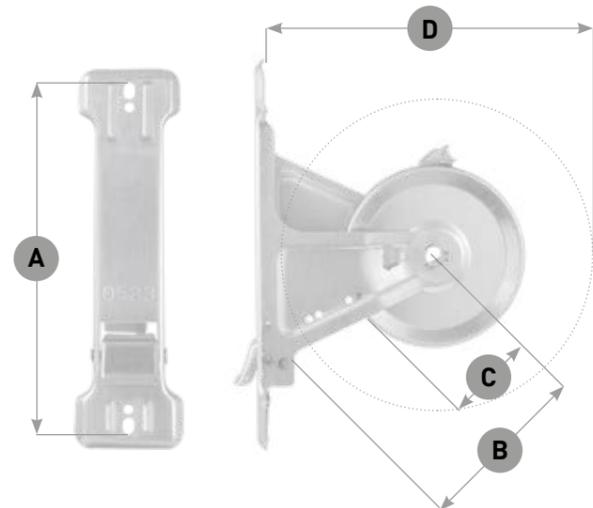
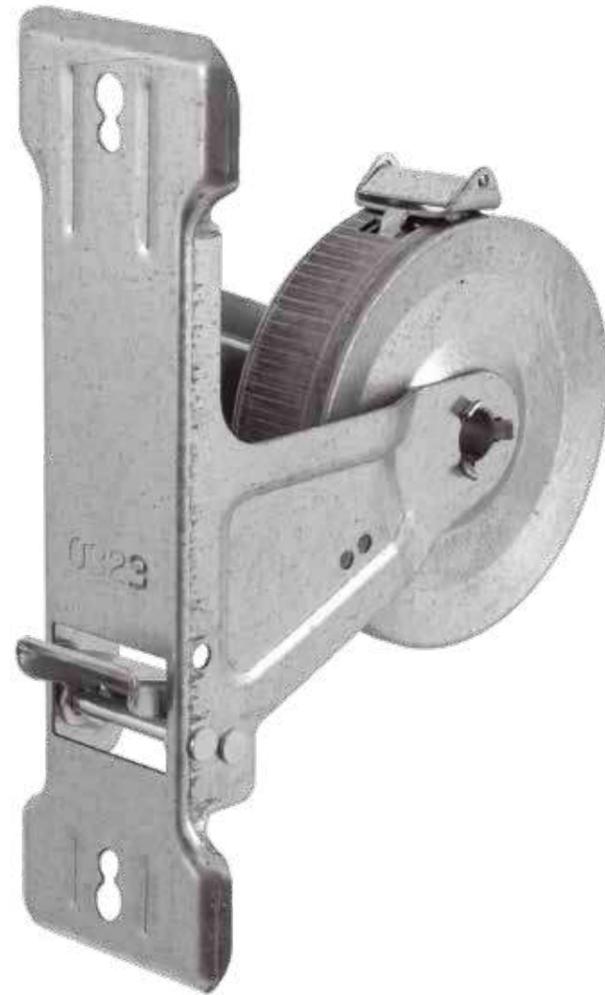


## 2 TAPE COILERS, COVERS AND BOXES

# TAPE COILER A

## Standard tape coiler

- Material: Zinc-plated steel.
- Standard tape stopper for 22 x 1.7 mm tape.
- Version with wider tape stopper for 22 x 2.2 mm tape available on request.
- Centre distance from 115 to 165.
- Allows the use of a standard box.
- Standard size hole in wall.
- Suitable for both windows and French windows.
- Available with both fast tape block and rivet.



### APPLICATION



### Version with fast tape block

CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE A	RADIUS C	DISTANCE B	DIMENSION D	PLATE SIZE	PACKAGING
A.115.6	17	6 m	115 mm	43 mm	72 mm	138 mm	50 x 161 mm	20/50 pcs
A.125.4	15	4 m	125 mm	38 mm	72 mm	138 mm	50 x 161 mm	20/50 pcs
A.125.6	17	6 m	125 mm	43 mm	72 mm	138 mm	50 x 161 mm	20/50 pcs
A.135.3	15	3 m	135 mm	34 mm	72 mm	138 mm	50 x 161 mm	20/50 pcs
A.135.5	15	5 m	135 mm	38 mm	72 mm	138 mm	50 x 161 mm	20/50 pcs
A.145.4	15	4 m	145 mm	38 mm	83 mm	146 mm	50 x 182 mm	20/50 pcs
A.145.6	17	6 m	145 mm	43 mm	83 mm	158 mm	50 x 182 mm	20/50 pcs
A.165.5	15	5 m	165 mm	38 mm	83 mm	146 mm	50 x 182 mm	20/50 pcs
A.165.6	17	6 m	165 mm	43 mm	83 mm	158 mm	50 x 182 mm	20/50 pcs
A.165.8	19	8 m	165 mm	43 mm	83 mm	158 mm	50 x 182 mm	20/50 pcs

### Version with fast tape block - cover included

CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE A	RADIUS C	DISTANCE B	DIMENSION D	PLATE SIZE	PACKAGING
AX.115.6	17	6 m	115 mm	43 mm	72 mm	138 mm	50 x 161 mm	20/50 pcs
AX.125.4	15	4 m	125 mm	38 mm	72 mm	138 mm	50 x 161 mm	20/50 pcs
AX.125.6	17	6 m	125 mm	43 mm	72 mm	138 mm	50 x 161 mm	20/50 pcs
A*.135.3	15	3 m	135 mm	34 mm	72 mm	138 mm	50 x 161 mm	20/50 pcs
A*.135.5	15	5 m	135 mm	38 mm	72 mm	138 mm	50 x 161 mm	20/50 pcs
AX.145.4	15	4 m	145 mm	38 mm	83 mm	146 mm	50 x 182 mm	20/50 pcs
AX.145.6	17	6 m	145 mm	43 mm	83 mm	158 mm	50 x 182 mm	20/50 pcs
A*.165.5	15	5 m	165 mm	38 mm	83 mm	146 mm	50 x 182 mm	20/50 pcs
A*.165.6	17	6 m	165 mm	43 mm	83 mm	158 mm	50 x 182 mm	20/50 pcs
A*.165.8	19	8 m	165 mm	43 mm	83 mm	158 mm	50 x 182 mm	20/50 pcs

### Version with rivets - cover included

CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE A	RADIUS C	DISTANCE B	DIMENSION D	PLATE SIZE	PACKAGING
AXN.145.4	15	4 m	145 mm	38 mm	83 mm	146 mm	50 x 182 mm	20/50 pcs
AXN.145.6	17	6 m	145 mm	43 mm	83 mm	158 mm	50 x 182 mm	20/50 pcs
A*N.165.6	15	6 m	165 mm	38 mm	83 mm	146 mm	50 x 182 mm	20/50 pcs
A*N.165.8	17	8 m	165 mm	43 mm	83 mm	158 mm	50 x 182 mm	20/50 pcs

COVER: To indicate the type of cover desired, complete the code by inserting one of the following letters in place of the symbol \*

- P** White PVC cover
- X** Paintable stainless steel cover

For available colours, see paintable covers on page 44.

### COMPATIBLE ACCESSORIES



Stainless steel cover page 43  
Painted cover page 44  
Plastic cover page 46

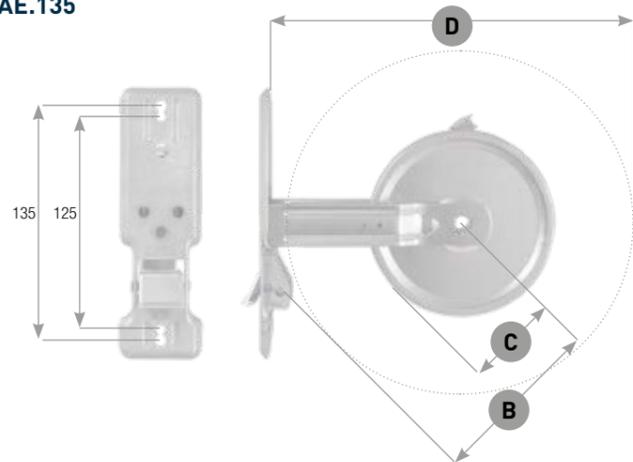
# TAPE COILER AE

## Standard tape coiler with plate

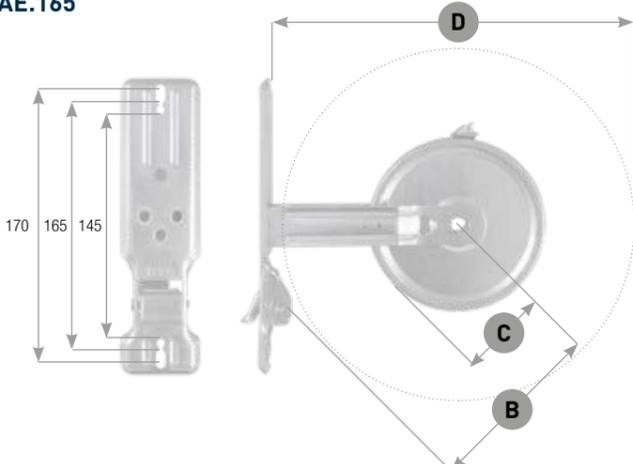
- Material: Zinc-plated steel.
- Standard tape stopper for 22 x 1.7 mm tape.
- Version with wider tape stopper for 22 x 2.2 mm tape available on request.
- Centre distance from 125 to 165.
- Allows the use of a standard box.
- Standard size hole in wall.
- Suitable for both windows and French windows.
- Available with both fast tape block and rivet.



AE.135



AE.165



### APPLICATION



### Version with fast tape block

CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE A	RADIUS C	DISTANCE B	DIMENSION D	PLATE SIZE	PACKAGING
AE.125.6	17	6 m	125 mm	43 mm	68 mm	135 mm	50 x 161 mm	20/50 pcs
AE.135.3	15	3 m	135 mm	34 mm	68 mm	135 mm	50 x 161 mm	20/50 pcs
AE.135.5	15	5 m	135 mm	38 mm	68 mm	135 mm	50 x 161 mm	20/50 pcs
AE.145.6	15	6 m	145 mm	38 mm	95 mm	165 mm	50 x 183 mm	20/50 pcs
AE.165.6	17	6 m	165 mm	43 mm	95 mm	170 mm	50 x 183 mm	20/50 pcs
AE.165.6/8	19	8 m	165 mm	43 mm	95 mm	175 mm	50 x 183 mm	20/50 pcs
AE.165.8	20	8 m	165 mm	48 mm	95 mm	180 mm	50 x 183 mm	20/50 pcs
AE.165.12	25	12 m	165 mm	55 mm	115 mm	215 mm	50 x 183 mm	25 pcs

### Version with fast tape block - cover included

CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE A	RADIUS C	DISTANCE B	DIMENSION D	PLATE SIZE	PACKAGING
AE*.125.6	17	6 m	125 mm	43 mm	68 mm	135 mm	50 x 161 mm	20/50 pcs
AE*.135.3	15	3 m	135 mm	34 mm	68 mm	135 mm	50 x 161 mm	20/50 pcs
AE*.135.5	15	5 m	135 mm	38 mm	68 mm	135 mm	50 x 161 mm	20/50 pcs
AE*.145.6	15	6 m	145 mm	38 mm	95 mm	165 mm	50 x 183 mm	20/50 pcs
AE*.165.6	17	6 m	165 mm	43 mm	95 mm	170 mm	50 x 183 mm	20/50 pcs
AE*.165.6/8	19	8 m	165 mm	43 mm	95 mm	175 mm	50 x 183 mm	20/50 pcs
AE*.165.8	20	8 m	165 mm	48 mm	95 mm	180 mm	50 x 183 mm	20/50 pcs
AE*.165.12	25	12 m	165 mm	55 mm	115 mm	215 mm	50 x 183 mm	25 pcs

### Version with rivets - cover included

CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE A	RADIUS C	DISTANCE B	DIMENSION D	PLATE SIZE	PACKAGING
AE*N.165.6	17	6 m	165 mm	43 mm	95 mm	170 mm	50 x 183 mm	20/50 pcs
AE*N.165.8	20	8 m	165 mm	48 mm	95 mm	180 mm	50 x 183 mm	20/50 pcs
AE*N.165.12	25	12 m	165 mm	55 mm	115 mm	215 mm	50 x 183 mm	25 pcs

COVER: To indicate the type of cover desired, complete the code by inserting one of the following letters in place of the symbol \*

- P White PVC cover
- X Paintable stainless steel cover

For available colours, see paintable covers on page 44.

### COMPATIBLE ACCESSORIES

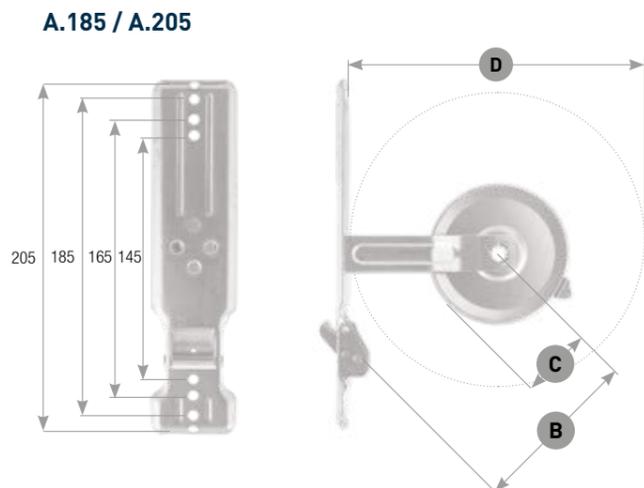
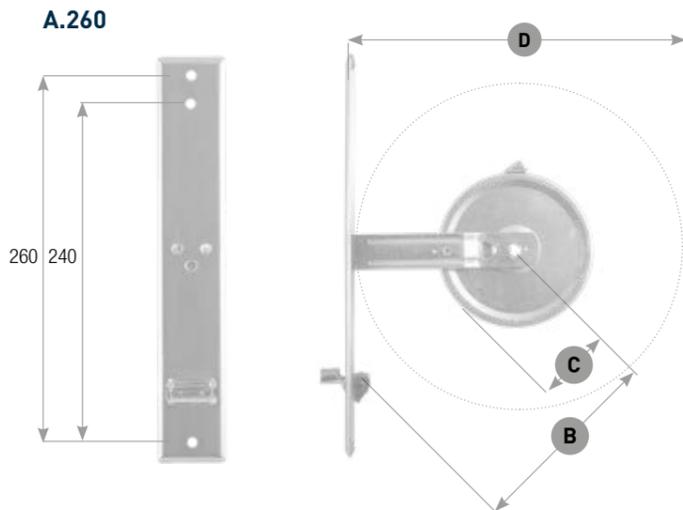


Stainless steel cover page 43  
Painted cover page 44  
Plastic cover page 46

# TAPE COILER UNICO

## Tape coiler with multiple centres

- Material: Zinc-plated steel.
- Standard tape stopper for 22 x 1.7 mm tape.
- Version with wider tape stopper for 22 x 2.2 mm tape available on request.
- Multi-hole centre distance from 145 to 205.
- Allows the use of a standard box.
- Standard size hole in wall.
- Suitable for both windows and French windows.
- Available with both fast tape block and rivet.



### APPLICATION



### Version with fast tape block

CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE A	RADIUS C	DISTANCE B	DIMENSION D	PLATE SIZE	PACKAGING
A.185.6	17	6 m	multi-hole	43 mm	95	170 mm	50 x 208 mm	20/50 pcs
A.185.6/8	19	8 m	multi-hole	43 mm	95	175 mm	50 x 208 mm	20/50 pcs
A.185.8	20	8 m	multi-hole	47.5 mm	95	180 mm	50 x 208 mm	20/50 pcs
A.185.12	25	12 m	multi-hole	55 mm	120	215 mm	50 x 208 mm	25 pcs
A.260.8	20	8 m	240 - 260 mm	47.5 mm	130	180 mm	47 x 208 mm	20 pcs
A.260.12	25	12 m	240 - 260 mm	55 mm	145	215 mm	47 x 208 mm	20 pcs

### Version with fast tape block - cover included

CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE A	RADIUS C	DISTANCE B	DIMENSION D	PLATE SIZE	PACKAGING
A*.185.6	17	6 m	multi-hole	43 mm	95	170 mm	50 x 208 mm	20/50 pcs
A*.185.6/8	19	8 m	multi-hole	43 mm	95	175 mm	50 x 208 mm	20/50 pcs
A*.185.8	20	8 m	multi-hole	47.5 mm	95	180 mm	50 x 208 mm	20/50 pcs
A*.185.12	25	12 m	multi-hole	55 mm	120	215 mm	50 x 208 mm	25 pcs
AX.260.8	20	8 m	240 - 260 mm	47.5 mm	130	180 mm	47 x 208 mm	20 pcs
AX.260.12	25	12 m	240 - 260 mm	55 mm	145	215 mm	47 x 208 mm	20 pcs

### Version with rivets

CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE A	RADIUS C	DISTANCE B	DIMENSION D	PLATE SIZE	PACKAGING
AN.185.6	17	6 m	multi-hole	43 mm	95	170 mm	50 x 208 mm	20/50 pcs
AN.185.6/8	19	8 m	multi-hole	43 mm	95	175 mm	50 x 208 mm	20/50 pcs
AN.185.8	20	8 m	multi-hole	47.5 mm	95	180 mm	50 x 208 mm	20/50 pcs
AN.185.12	25	12 m	multi-hole	55 mm	120	215 mm	50 x 208 mm	25 pcs

### Unico tape coiler with rivets - cover included

CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE A	RADIUS C	DISTANCE B	DIMENSION D	PLATE SIZE	PACKAGING
A*N.185.6	17	6 m	multi-hole	43 mm	95	170 mm	50 x 208 mm	20/50 pcs
A*N.185.6/8	19	8 m	multi-hole	43 mm	95	175 mm	50 x 208 mm	20/50 pcs
A*N.185.8	20	8 m	multi-hole	47.5 mm	95	180 mm	50 x 208 mm	20/50 pcs
A*N.185.12	25	12 m	multi-hole	55 mm	120	215 mm	50 x 208 mm	25 pcs

COVER: To indicate the type of cover desired, complete the code by inserting one of the following letters in place of the symbol \*

- P** White PVC cover
- X** Paintable stainless steel cover

For available colours, see paintable covers on page 44.

### COMPATIBLE ACCESSORIES



Covers for Unico tape coiler page 47

# TAPE COILER AR

## Adjustable tape coiler

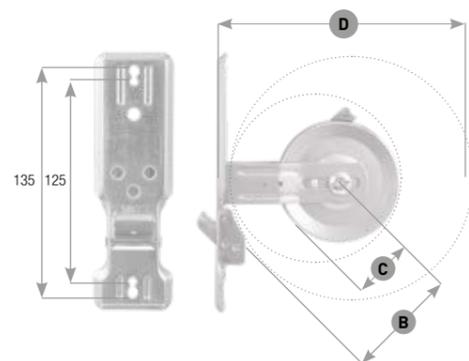
- Material: Zinc-plated steel.
- Standard tape stopper for 22 x 1.7 mm tape.
- Version with wider tape stopper for 22 x 2.2 mm tape available on request.
- Centre distance: 125-135, 145-165-170, 145-165-185-205.
- Allows the use of either a standard box or a reduced box.
- Standard size hole in wall.
- Suitable for both windows and French windows.
- Available with both fast tape block and rivet.



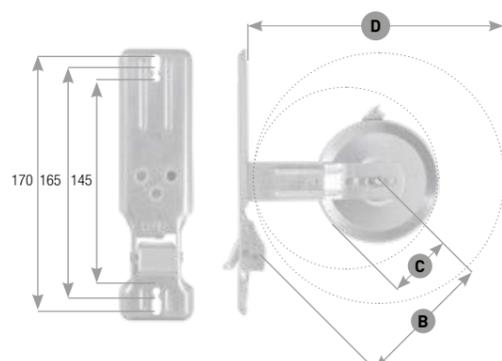
### APPLICATION



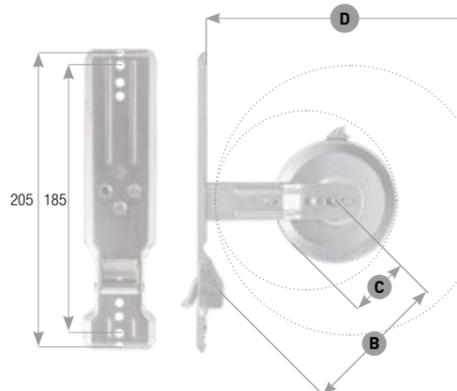
AR.135



AR.165



AR.185



### COMPATIBLE ACCESSORIES



Stainless steel cover page 43  
Painted cover page 44  
Plastic cover page 46

### Version with fast tape block

CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE A	RADIUS C	DISTANCE B MIN-MAX	DIMENSION D MIN-MAX	PLATE SIZE	PACKAGING
AR.125.6	17	6 m	125 mm	43 mm	60-80 mm	120-150 mm	50 x 161 mm	20/50 pcs
AR.135.5	15	5 m	135 mm	38 mm	60-80 mm	110-150 mm	50 x 161 mm	20/50 pcs
AR.145.5	15	5 m	145 mm	38 mm	83-100 mm	145-165 mm	50 x 183 mm	20/50 pcs
AR.165.6	17	6 m	165 mm	43 mm	83-100 mm	150-165 mm	50 x 183 mm	20/50 pcs
AR.165.6/8	19	8 m	165 mm	43 mm	83-100 mm	150-175 mm	50 x 183 mm	20/50 pcs
AR.165.8	20	8 m	165 mm	48 mm	83-100 mm	150-180 mm	50 x 183 mm	20/50 pcs
AR.165.12	25	12 m	165 mm	55 mm	110-125 mm	150-215 mm	50 x 183 mm	25 pcs
AR.185.6	17	6 m	185 mm	43 mm	83-100 mm	150-170 mm	50 x 208 mm	20/50 pcs
AR.185.6/8	19	8 m	185 mm	43 mm	83-100 mm	155-175 mm	50 x 183 mm	20/50 pcs
AR.185.8	20	8 m	185 mm	47.5 mm	110-125 mm	190-210 mm	50 x 208 mm	20/50 pcs
AR.185.12	25	12 m	185 mm	55 mm	110-125 mm	200-220 mm	50 x 208 mm	25 pcs

### Version with fast tape block - cover included

CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE A	RADIUS C	DISTANCE B MIN-MAX	DIMENSION D MIN-MAX	PLATE SIZE	PACKAGING
AR*.125.6	17	6 m	125 mm	43 mm	60-80 mm	120-150 mm	50 x 161 mm	20/50 pcs
AR*.135.5	15	5 m	135 mm	38 mm	60-80 mm	110-150 mm	50 x 161 mm	20/50 pcs
AR*.145.5	15	5 m	145 mm	38 mm	83-100 mm	145-165 mm	50 x 183 mm	20/50 pcs
AR*.165.6	17	6 m	165 mm	43 mm	83-100 mm	150-165 mm	50 x 183 mm	20/50 pcs
AR*.165.6/8	19	8 m	165 mm	43 mm	83-100 mm	150-175 mm	50 x 183 mm	20/50 pcs
AR*.165.8	20	8 m	165 mm	48 mm	83-100 mm	150-180 mm	50 x 183 mm	20/50 pcs
AR*.165.12	25	12 m	165 mm	55 mm	110-125 mm	150-215 mm	50 x 183 mm	25 pcs
AR*.185.6	17	6 m	185 mm	43 mm	83-100 mm	150-170 mm	50 x 208 mm	20/50 pcs
AR*.185.6/8	19	8 m	185 mm	43 mm	83-100 mm	155-175 mm	50 x 183 mm	20/50 pcs
AR*.185.8	20	8 m	185 mm	47.5 mm	110-125 mm	190-210 mm	50 x 208 mm	20/50 pcs
AR*.185.12	25	12 m	185 mm	55 mm	110-125 mm	200-220 mm	50 x 208 mm	25 pcs

### Version with rivets

CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE A	RADIUS C	DISTANCE B MIN-MAX	DIMENSION D MIN-MAX	PLATE SIZE	PACKAGING
AR*.165.6	17	6 m	165 mm	43 mm	83-100 mm	150-165 mm	50 x 183 mm	20/50 pcs
AR*.165.6/8	19	8 m	165 mm	43 mm	83-100 mm	150-175 mm	50 x 183 mm	20/50 pcs
AR*.165.8	20	8 m	165 mm	48 mm	83-100 mm	150-180 mm	50 x 183 mm	20/50 pcs
AR*.165.12	25	12 m	165 mm	55 mm	110-125 mm	150-215 mm	50 x 183 mm	25 pcs
AR*.185.6	17	6 m	185 mm	43 mm	83-100 mm	150-170 mm	50 x 208 mm	20/50 pcs
AR*.185.6/8	19	8 m	185 mm	43 mm	83-100 mm	155-175 mm	50 x 183 mm	20/50 pcs
AR*.185.8	20	8 m	185 mm	47.5 mm	110-125 mm	190-210 mm	50 x 208 mm	20/50 pcs
AR*.185.12	25	12 m	185 mm	55 mm	110-125 mm	200-220 mm	50 x 208 mm	25 pcs

### Version with rivets - cover included

CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE A	RADIUS C	DISTANCE B MIN-MAX	DIMENSION D MIN-MAX	PLATE SIZE	PACKAGING
AR*N.165.6	17	6 m	165 mm	43 mm	83-100 mm	150-165 mm	50 x 183 mm	20/50 pcs
AR*N.165.6/8	19	8 m	165 mm	43 mm	83-100 mm	150-175 mm	50 x 183 mm	20/50 pcs
AR*N.165.8	20	8 m	165 mm	48 mm	83-100 mm	150-180 mm	50 x 183 mm	20/50 pcs
AR*N.165.12	25	12 m	165 mm	55 mm	110-125 mm	150-215 mm	50 x 183 mm	25 pcs
AR*N.185.6	17	6 m	185 mm	43 mm	83-100 mm	150-170 mm	50 x 208 mm	20/50 pcs
AR*N.185.6/8	19	8 m	185 mm	43 mm	83-100 mm	155-175 mm	50 x 183 mm	20/50 pcs
AR*N.185.8	20	8 m	185 mm	47.5 mm	110-125 mm	190-210 mm	50 x 208 mm	20/50 pcs
AR*N.185.12	25	12 m	185 mm	55 mm	110-125 mm	200-220 mm	50 x 208 mm	25 pcs

COVER: To indicate the type of cover desired, complete the code by inserting one of the following letters in place of the symbol \*

X

Stainless steel cover

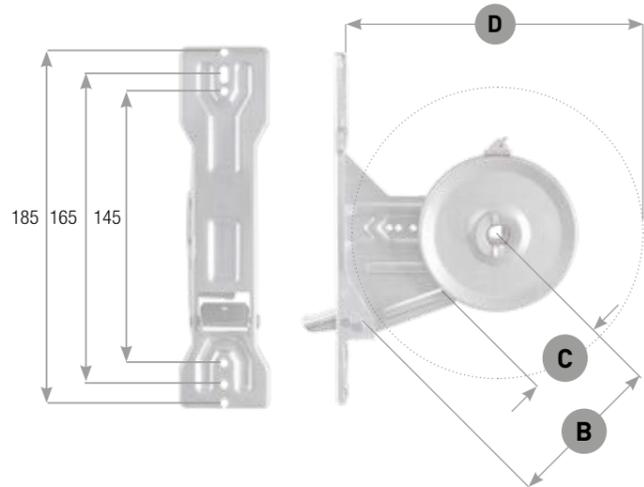
P

White PVC cover

For available colours, see paintable covers on page 44.

# UNIVERSAL TAPE COILER

- Universal tape coiler with multiple centre distances: 145, 165, 185 mm.
- Material: Zinc-plated steel.
- Standard tape stopper for 22 x 1.7 mm tape.
- AU.11.1: tape stopper for 22 x 1.1 mm tape.
- Version with wider tape stopper for 22 x 2.2 mm tape available on request.
- Allows the use of a standard box.
- Standard size hole in wall.
- Suitable for both windows and French windows.



CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE A	RADIUS C	DISTANCE B	DIMENSION D	PLATE SIZE	PACKAGING
AU.4.2	15	5 m	multi-hole	38 mm	74 mm	140 mm	40 x 190 mm	20/50 pcs
AU.6.1	17	6 m	multi-hole	43 mm	87 mm	158 mm	40 x 190 mm	20/50 pcs
AU.8.1	19	8 m	multi-hole	43 mm	87 mm	158 mm	40 x 190 mm	20/50 pcs
AU.11.1	27	11 m	multi-hole	43 mm	87 mm	165 mm	40 x 190 mm	20/50 pcs

• Please note: when ordering, match the cover with the correct centre distance.

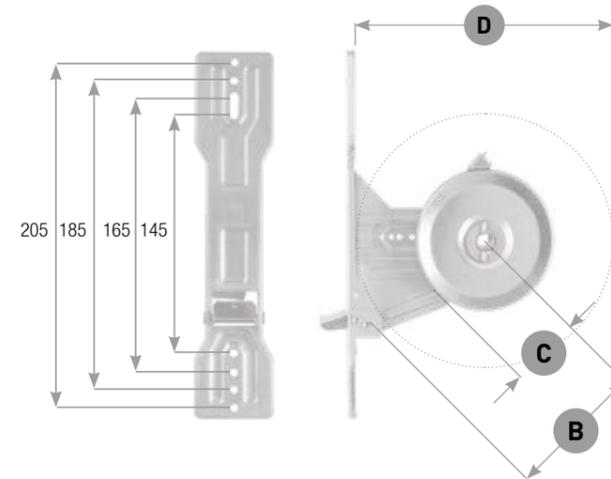
APPLICATION



# TAPE COILER AUMI

## Universal tape coiler with compact size

- Unico tape coiler with multiple centre distances: 145, 165, 185, 205 mm.
- Material: Zinc-plated steel.
- Standard tape guide for 22 x 1.7 mm tape.
- Version with wider tape stopper for 22 x 2.2 mm tape available on request.
- Allows the use of a standard box.
- Standard size hole in wall.
- Suitable for both windows and French windows.



CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE A	RADIUS C	DISTANCE B	DIMENSION D	PLATE SIZE	PACKAGING
AUMI.4.2	15	5 m	multi-hole	38 mm	74 mm	140 mm	47 x 219 mm	20/50 pcs
AUMI.6.1	17	6 m	multi-hole	43 mm	87 mm	158 mm	47 x 219 mm	20/50 pcs
AUMI.8.1	19	8 m	multi-hole	43 mm	87 mm	158 mm	47 x 219 mm	20/50 pcs
AUMI.11.1	27	11 m	multi-hole	43 mm	87 mm	165 mm	47 x 219 mm	20/50 pcs

• Please note: when ordering, match the cover with the correct centre distance.

APPLICATION



# EXTERNAL NICKEL-PLATED TAPE COILER

APPLICATION



## Fixed wall-mounted tape coiler, single right/left version

- Ambidextrous external tape coiler thanks to the rotation of the tape stopper.
- 22 mm tape.
- Wall mounting.
- Without protective box.
- Material: Nickel-plated steel.

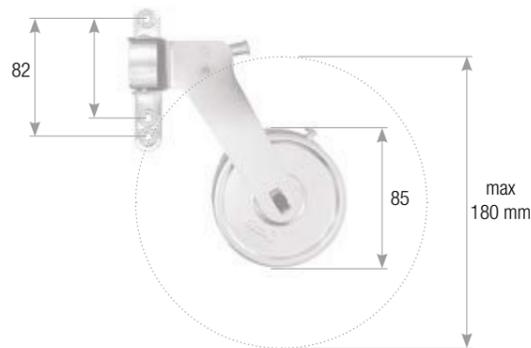


CODE	TAPE (m)	NO. OF CHARGING TURNS	CENTRE DISTANCE (mm)	PACKAGING
AE.240.6	6 m	17	240	20/50 pcs
AE.240.8	8 m	18	240	20/50 pcs

# NICKEL-PLATED SWINGING TAPE COILER

## Swinging wall-mounted tape coiler, single right/left version

- Swinging external tape coiler.
- 22 mm tape.
- Wall mounting.
- Without protective box.
- Material: Nickel-plated steel.



CODE	TAPE (m)	NO. OF CHARGING TURNS	PACKAGING
ACR.6	6 m	17	20/50 pcs
ACR.8	8 m	18	20/50 pcs

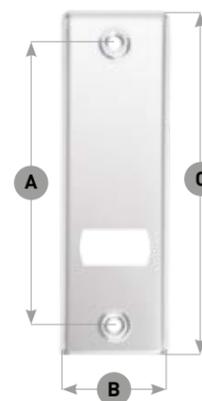
# STAINLESS STEEL COVER

APPLICATION



## Cover for type A/AE/AR tape coiler

- Material: Stainless steel.



CODE	CENTRE DISTANCE A	WIDTH B	HOLE	TOTAL HEIGHT C	PACKAGING
P.115.IX	115 mm	59 mm	35 x 19 mm	164 mm	20/50 pcs
P.125.IX	125 mm	59 mm	35 x 19 mm	164 mm	20/50 pcs
P.135.IX	135 mm	52 mm	35 x 19 mm	170 mm	20/50 pcs
P.145.IX	145 mm	59 mm	35 x 19 mm	184 mm	20/50 pcs
P.165.IX	165 mm	53 mm	29 x 18 mm	195 mm	20/50 pcs
P.185.IX	185 mm	53 mm	28 x 18 mm	216 mm	20/50 pcs
P.205.IX	205 mm	53 mm	35 x 19 mm	255 mm	20/50 pcs
P.240.IX	240 mm	58 mm	33 x 16 mm	290 mm	20/50 pcs
P.260.IX	260 mm	58 mm	33 x 16 mm	290 mm	20/50 pcs

Check the centre distance of the cover with the centre distance of the tape coiler when ordering.

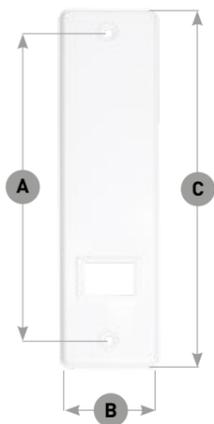
# PAINTED STAINLESS STEEL COVER

APPLICATION



## Cover for type A/AE/AR tape coiler

- Material: Powder-coated zinc-plated steel.



CODE	CENTRE DISTANCE A	WIDTH B	HOLE	TOTAL HEIGHT C	PACKAGING
PV*.115.ZN	115 mm	59 mm	35 x 19 mm	164 mm	20/50 pcs
PV*.125.ZN	125 mm	59 mm	35 x 19 mm	164 mm	20/50 pcs
PV*.135.ZN	135 mm	52 mm	35 x 19 mm	170 mm	20/50 pcs
PV*.145.ZN	145 mm	59 mm	35 x 19 mm	184 mm	20/50 pcs
PV*.165.ZN	165 mm	53 mm	29 x 18 mm	195 mm	20/50 pcs
PV*.185.ZN	185 mm	52 mm	29 x 18 mm	216 mm	20/50 pcs

To indicate the desired cover colour, complete the code by replacing the \* symbol with one of the following codes (e.g.: PV**9016**.125.ZN)  
Check the centre distance of the cover with the centre distance of the tape coiler when ordering.

COVER COLOURS



# BOND COVER

APPLICATION



## Modular interlocking cover for quick installation

- Compatible with all types of tape coilers with a centre distance of 145 to 205.
- Available in colours RAL 9003, 9010, 8019 and 9005.
- Colours 1013, 9006 (Silver) and 1036 (Gold) are screen printed.
- Made of ABS, it can be customised in other colours using screen printing.



CODE	WIDTH	HOLE	TOTAL HEIGHT	THICKNESS	PACKAGING
PB.1.XXX	57 mm	28 x 20 mm	215 mm	11 mm	20/50 pcs

To indicate the desired cover colour, complete the code by replacing the \* symbol with one of the following codes (e.g.: PB.1**9005**)  
Check the centre distance of the cover with the centre distance of the tape coiler when ordering.

COVER COLOURS



# PLASTIC COVER

## Cover for type A/AE/AR tape coiler

- Material: Polystyrene.
- Screen printing available on request.

APPLICATION



CODE	CENTRE DISTANCE A	WIDTH B	HOLE	TOTAL HEIGHT	PACKAGING
P.135.PL	135 mm	56 mm	35 x 19 mm	180 mm	20/50 pcs
P.165.PL	165 mm	57 mm	35 x 19 mm	205 mm	20/50 pcs
P.185.PL	185 mm	58 mm	35 x 19 mm	225 mm	20/50 pcs

COVER COLOURS



# COVERS FOR MULTIPLE CENTRE TAPE COILERS

APPLICATION



## Single model covers

- For AU model tape coiler.
- Available in painted version on request.

CODE	CENTRE DISTANCE A	MATERIAL	PACKAGING
PU.145.IX	145 mm	Stainless steel	20/50 pcs
PU.165.IX	165 mm	Stainless steel	20/50 pcs
PU.185.IX	185 mm	Stainless steel	20/50 pcs
P.185.PL	185 mm	Polystyrene	20/50 pcs
P.205.IX	205 mm	Stainless steel	20/50 pcs



## Universal cover

- Cover for universal tape coiler.
- Material: Stainless steel.

CODE	CENTRE DISTANCE A	PACKAGING
PMI.145.IX	145 mm	20/50 pcs
PMI.165.IX	165 mm	20/50 pcs
PUMI.185.IX	185 mm	20/50 pcs



## Universal cover with compact size

- Cover for Unico AUMI tape coiler.
- Material: Stainless steel.

CODE	CENTRE DISTANCE A	PACKAGING
PUMI.145.IX	145 mm	20/50 pcs
PUMI.165.IX	165 mm	20/50 pcs
PUMI.185.IX	185 mm	20/50 pcs
PUMI.205.IX	205 mm	20/50 pcs



COVER COLOURS

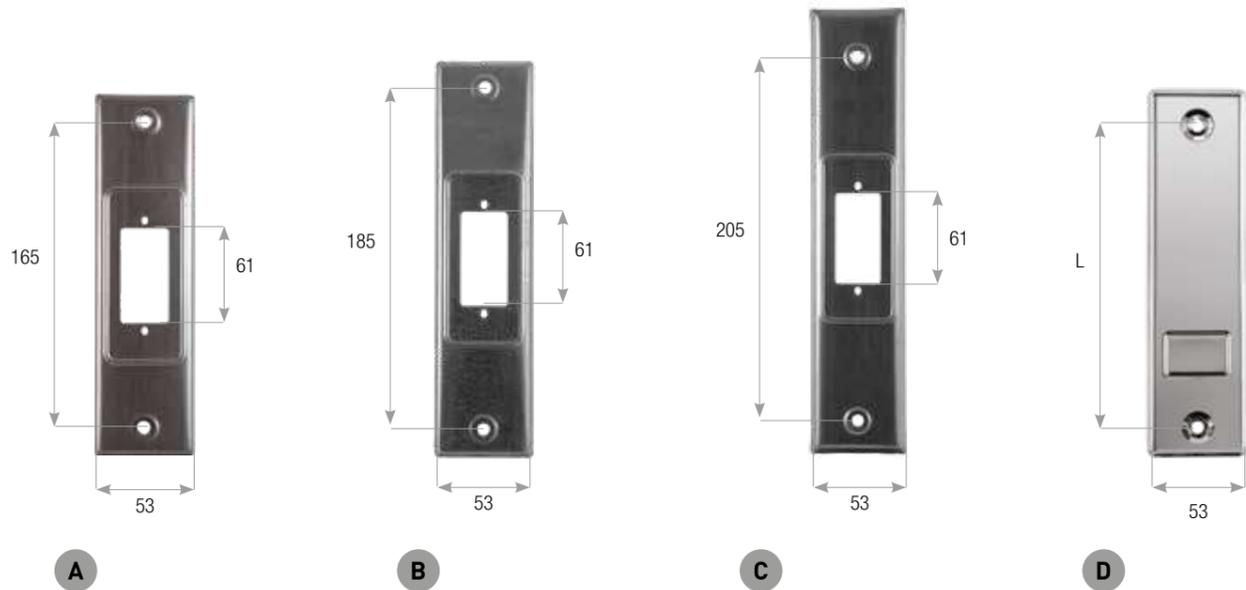


# COVERS FOR MOTORS

APPLICATION



- Material: Stainless steel.
- For Vimar/Biticino type switches.
- Available in painted version on request.



CODE	DESCRIPTION	WIDTH	HOLE CENTRE DISTANCE	HOLE	SWITCH CENTRE DISTANCE	PACKAGING
PM.165.IX	A Switch cover	53 mm	165 mm	26 x 51 mm	61 mm	20 pcs
PM.185.IX	B Switch cover	53 mm	185 mm	26 x 51 mm	61 mm	20 pcs
PM.205.IX	C Switch cover	53 mm	205 mm	26 x 51 mm	61 mm	20 pcs
PC.165.IX	D Blank cover	53 mm	165 mm			25 pcs
PC.185.IX	D Blank cover	53 mm	185 mm			25 pcs
PC.205.IX	D Blank cover	53 mm	205 mm			25 pcs
PC.250.IX	D Blank cover	53 mm	250 mm			25 pcs

COVER COLOURS



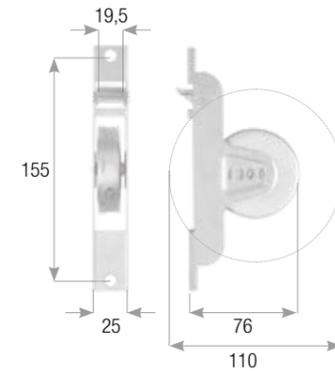
# TAPE COILER AT

## Half-embedded tape coiler 6 m

APPLICATION



- Fixing the tape coiler to the window frame.
- Variable box position on request.
- Material: Zinc-plated steel.



!  
tape  
max 19 mm

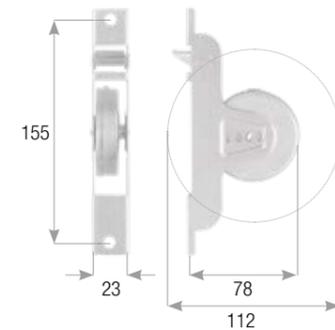


CODE	NO. OF CHARGING TURNS	TAPE	WIDTH	CAPACITY	OUTER DIMENSIONS	CENTRE DISTANCE	PACKAGING
AT.155.6	17	max 19 mm	25 mm	6 m	76 mm	155 mm	20/50 pcs

# TAPE COILER AR

## Half-embedded tape coiler 6 m

- Material: Zinc-plated steel.



!  
tape  
max 16 mm

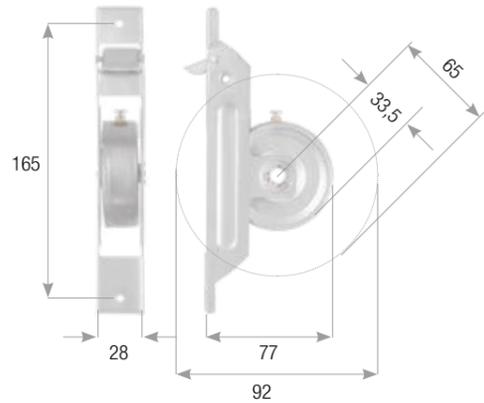


CODE	NO. OF CHARGING TURNS	TAPE	WIDTH	CAPACITY	OUTER DIMENSIONS	CENTRE DISTANCE	PACKAGING
AR.155.6	17	max 16 mm	23 mm	6 m	78 mm	155 mm	20/50 pcs

# TAPE COILER AS

## 6 m half-embedded tape coiler

- Material: Zinc-plated steel.
- For tape 1.4 x 20 mm.



! tape max **20 mm**



APPLICATION

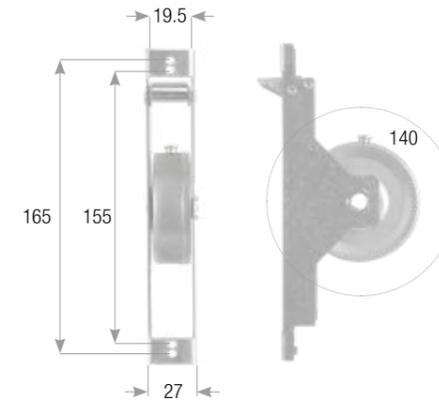


CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE	RADIUS	DISTANCE	OUTER DIMENSIONS	PLATE SIZE	PACKAGING
AS.165.6	16	3 m	165 mm	33.5 mm	65 mm	92 mm	29 x 185 mm	20/50 pcs

# TAPE COILER AS.N

## 6 m half-embedded tape coiler

- Material: Zinc-plated steel.
- For tape 1.4 x 19 mm.



! tape max **19 mm**



APPLICATION

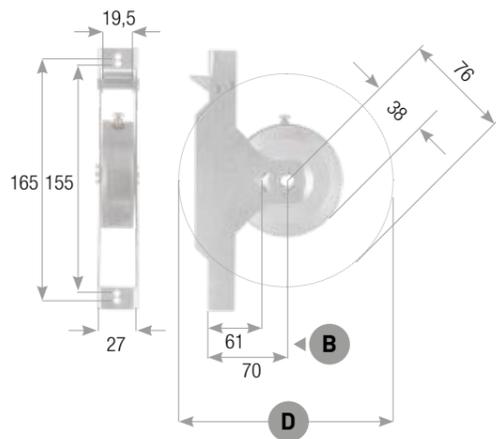


CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE	RADIUS	DISTANCE	OUTER DIMENSIONS	PLATE SIZE	PACKAGING
AS.165.6N	16	3 m	155/165 mm	33.5 mm	69 mm	90 mm	27 x 177 mm	20/50 pcs

# TAPE COILER AS

## 10 m half-embedded tape coiler

- Material: Zinc-plated steel.
- For tape 1.4 x 19 mm.



! tape max **19 mm**

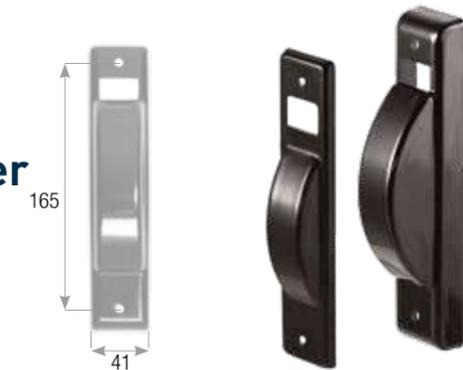


CODE	NO. OF CHARGING TURNS	TAPE	CENTRE DISTANCE	RADIUS	DISTANCE B	DIMENSION D	PLATE SIZE	PACKAGING
AS.165.10	25	10 m	155/165 mm	38 mm	70 mm	110 mm	27 x 177 mm	20/50 pcs
AS.165.10.2	25	10 m	155/165 mm	38 mm	61 mm	92 mm	27 x 177 mm	20/50 pcs

# COVERS

## For half-embedded tape coiler

- Powder-coated covers.



CODE	CENTRE DISTANCE	WIDTH	HOLE	MATERIAL	COLOUR	PACKAGING
PS.165.8.AL1	165 mm	41 mm	24 x 14 mm	Aluminium	Rough	20/50 pcs
PS.165.8.AL5	165 mm	41 mm	24 x 14 mm	Aluminium	White RAL 9016	20/50 pcs
PS.165.8.ALB	165 mm	41 mm	24 x 14 mm	Aluminium	Beige	20/50 pcs
PS.165.8.AL	165 mm	41 mm	24 x 14 mm	Aluminium	Silver	20/50 pcs
PS.165.8.AL2	165 mm	41 mm	24 x 14 mm	Aluminium	Bronze	20/50 pcs
PS.165.8.ALN	165 mm	41 mm	24 x 14 mm	Aluminium	Black	20/50 pcs
PS.165.G	165 mm	41 mm	26 X 19 mm	Iron	Rough	20/50 pcs
PS.165.FE9010	165 mm	41 mm	26 X 19 mm	Iron	White RAL 9010	20/50 pcs
PSV1013.165.ZN	165 mm	41 mm	26 X 19 mm	Iron	Beige	20/50 pcs
PSVAW102JR.165.ZN	165 mm	41 mm	26 X 19 mm	Iron	Silver	20/50 pcs
PSVM040E.165.ZN	165 mm	41 mm	26 X 19 mm	Iron	Bronze	20/50 pcs
PS.165.FE	165 mm	42 mm	26 X 19 mm	Iron	Black	20/50 pcs

COLOUR REFERENCES



# SECCO KIT

## Covers for half-embedded tape coilers

- Powder-coated covers.
- Adaptor plates for Secco tape coiler.
- Other colours available on request.



CODE		CENTRE DISTANCE	WIDTH	HOLE	MATERIAL	COLOUR	PACKAGING
PS.165.8.AL1	A	165 mm	41 mm	24 x 14 mm	Aluminium	Rough	20/50 pcs
PS.165.8.AL5	A	165 mm	41 mm	24 x 14 mm	Aluminium	White RAL 9016	20/50 pcs
PS.165.8.ALB	A	165 mm	41 mm	24 x 14 mm	Aluminium	Beige	20/50 pcs
PS.165.8.AL	A	165 mm	41 mm	24 x 14 mm	Aluminium	Silver	20/50 pcs
PS.165.8.AL2	A	165 mm	41 mm	24 x 14 mm	Aluminium	Bronze	20/50 pcs
PS.165.8.ALN	A	165 mm	41 mm	24 x 14 mm	Aluminium	Black	20/50 pcs
PS.165.G	A	165 mm	41 mm	26 X 19 mm	Iron	Rough	20/50 pcs
PS.165.FE9010	A	165 mm	41 mm	26 X 19 mm	Iron	White RAL 9010	20/50 pcs
PSV1013.165.ZN	A	165 mm	41 mm	26 X 19 mm	Iron	Beige	20/50 pcs
PSVAW102JR.165.ZN	A	165 mm	41 mm	26 X 19 mm	Iron	Silver	20/50 pcs
PSVM040E.165.ZN	A	165 mm	41 mm	26 X 19 mm	Iron	Bronze	20/50 pcs
PS.165.FE	A	165 mm	42 mm	26 X 19 mm	Iron	Black	20/50 pcs

CODE		CENTRE DISTANCE	WIDTH	TOTAL HEIGHT	MATERIAL	PACKAGING
PPS.165.FE	B	165 mm	58 mm	190 mm	Black painted iron	20/50 pcs
PPS.215.FE	C	165/212 mm	58 mm	232 mm	Black painted iron	20/50 pcs

### COLOUR REFERENCES



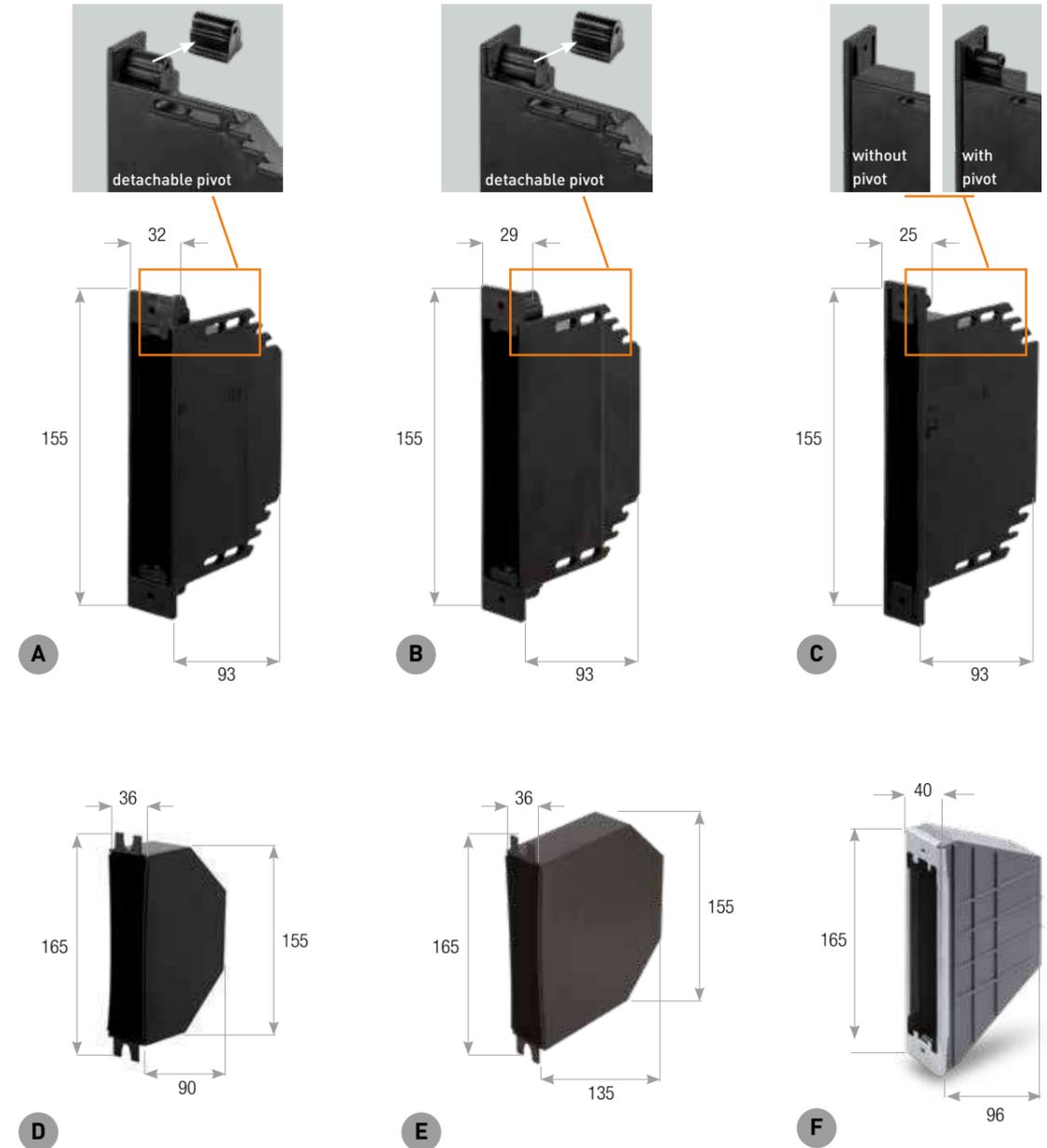
### APPLICATION



# BOXES

## Boxes for half-embedded tape coilers

- Material: Plastic.



CODE		DESCRIPTION	TYPE	FOR TAPE COILERS	CENTRE DISTANCE	PACKAGING
CP.155.6	A	for small tape coilers - with/without detachable pivot	Wide	AT.155 / AR.155	155 mm	50 pcs
CP.155.6.11	B	for small tape coilers - with/without detachable pivot	Medium	AT.155 / AR.155	155 mm	50 pcs
CP.155.6.31	C	for small tape coilers - with/without moulded pivot	Narrow	AT.155 / AR.155	155 mm	50 pcs
CP.165.01	D	for half-embedded tape coilers	-	6 m	165 mm	50 pcs
CP.165.02	E	for half-embedded tape coilers	-	6 m / 8 m	165 mm	50 pcs
CP.165.4	F	for half-embedded tape coilers	-	6 m	165 mm	150 pcs

### APPLICATION



# SMALL TAPE COILERS

APPLICATION



Read the complete tape coiler code you require with the help of the diagram below.

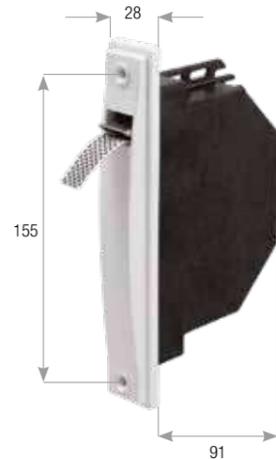
**AT6.18 1 3 1 1 1 1**

Tape coiler	Tape width	Tape colour		Cover shape		Cover colour		Box		Pivot		Cover material	
AQ6	14	None	0	Round 14	1	White	1	No	0	No	0	Plastic	1
AR6	16	Salt and pepper	1	Round 16	2	Black	2	Wide	1	Yes	1	Aluminium	2
AT6	18*	Black	2	Round 18	3	Brown	3	Medium	2				
		Brown	3	Square	4	Grey	4	Narrow	3				
		Grey	4	Rounded	5	Rough	0						
		Grey White	5	Flat	6								

\*18/20 mm tape

## AQ6.14511311

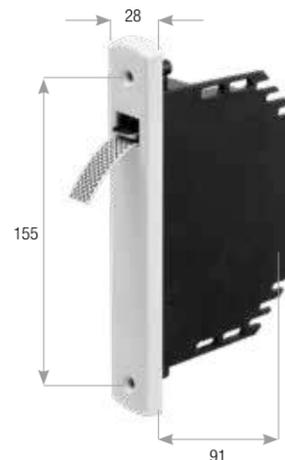
- Material: Plastic.



CENTRE DISTANCE	TAPE	WIDTH	LENGTH	TAPE	PACKAGING
155 mm	14 mm	28 mm	91 mm	5.5 m	25 pcs

## AQ6.16161311

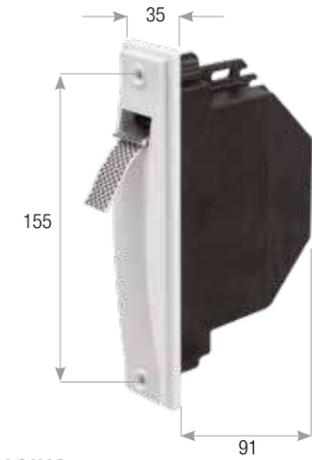
- Material: Plastic.
- Flat plastic cover.



CENTRE DISTANCE	TAPE	WIDTH	LENGTH	TAPE	PACKAGING
155 mm	16 mm	28 mm	91 mm	5.5 m	25 pcs

## AR6.16121211

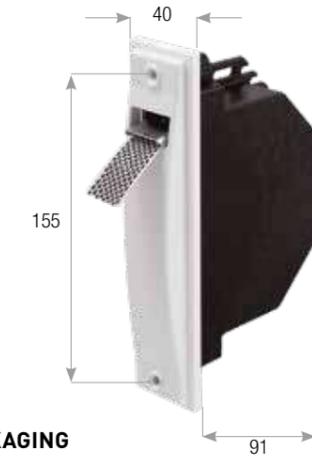
- Material: Plastic.
- Tape: 16 mm.



CENTRE DISTANCE	TAPE	WIDTH	LENGTH	TAPE	PACKAGING
155 mm	16 mm	35 mm	91 mm	5.5 m	25 pcs

## AT6.18131111

- Material: Plastic.
- Tape: 18/20 mm.

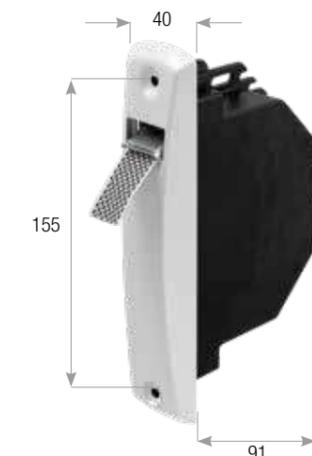


CENTRE DISTANCE	TAPE	WIDTH	LENGTH	TAPE	PACKAGING
155 mm	19 mm	40 mm	91 mm	5.5 m	25 pcs

## AT6.18151112

### Half-embedded tape coiler aluminium cover

- Cover material: Aluminium.
- Tape: 18/20 mm.



CENTRE DISTANCE	TAPE	WIDTH	LENGTH	TAPE	PACKAGING
155 mm	19 mm	40 mm	91 mm	5.5 m	25 pcs

APPLICATION



# MINI SWINGING TAPE COILER

APPLICATION

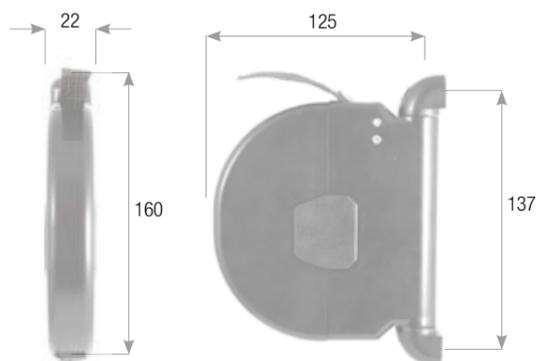


## Centre distance 137 mm - for tape

- Material: ABS.
- 14 mm tape included.
- Fastened to the window frame using two 3.5 mm screws with 7 mm heads.
- Other colours available on request, see diagram below.



!  
tape  
14 mm



### COMPATIBLE ACCESSORIES



Vertical mini tape guides  
page 188

CODE	METRES	TAPE	COLOUR	TAPE COLOUR	PACKAGING
MAC.3.5	5 m	14 mm - included	white	grey	30 pcs
MAC.4.5	5 m	14 mm - included	brown	brown	30 pcs
MAC.7.5	5 m	14 mm - included	black	black	30 pcs

AVAILABLE COLOURS



# MINI SWINGING TAPE COILER

APPLICATION

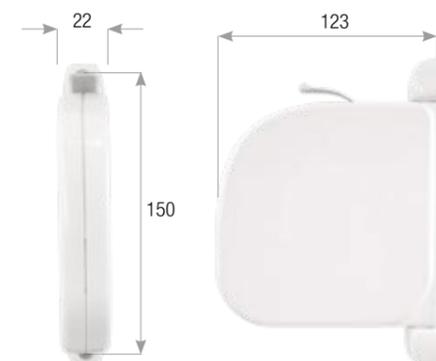


## Centre distance 150 mm - for tape

- Material: Polystyrene.
- For tape 14 x 1.2 mm.
- Wall or window frame mounting.
- Other colours available on request, see diagram below.



!  
tape  
14 mm x 1.2 mm



### COMPATIBLE ACCESSORIES



Tape  
page 66

CODE	METRES	TAPE	COLOUR	PACKAGING
MAG.3.5	6 m	14 mm - included	white	30 pcs
MAG.4.5	6 m	14 mm - included	brown	30 pcs
MAG.7.5	6 m	14 mm - included	black	30 pcs
MAG.3.6	6 m	14 mm - not included	white	34 pcs
MAG.4.6	6 m	14 mm - not included	brown	34 pcs
MAG.7.6	6 m	14 mm - not included	black	34 pcs

AVAILABLE COLOURS



# MINI SWINGING TAPE COILER

APPLICATION



Centre distance 150 mm - for tape

- Material: Polystyrene.
- For tape 14 x 1.3 mm.
- Wall or window frame mounting.
- Other colours available on request, see diagram below.



CODE	METRES	LOADED	TAPE	COLOUR	PACKAGING
APE.3.3	5		included	white	30 pcs
APE.3.5	5,5		included	white	30 pcs
APE.4.3	5		included	brown	30 pcs
APE.4.5	5,5		included	brown	30 pcs
APE.3.6		yes	not included	white	34 pcs
APE.4.6		yes	not included	brown	34 pcs

AVAILABLE COLOURS



# MINI SWINGING TAPE COILER

APPLICATION



Centre distance 150 mm - for rope

- Material: Polystyrene.
- For rope: Ø 4 mm.
- Wall or window frame mounting.
- Other colours available on request, see diagram below.



CODE	METRES	LOADED	ROPE	COLOUR	PACKAGING
APE.5.5	4.7 m		included	white	30 pcs
APE.6.5	4.7 m		included	brown	30 pcs
APE.5.6		yes	not included	white	34 pcs
APE.6.6		yes	not included	brown	34 pcs

AVAILABLE COLOURS



# MINI SWINGING TAPE COILER

APPLICATION

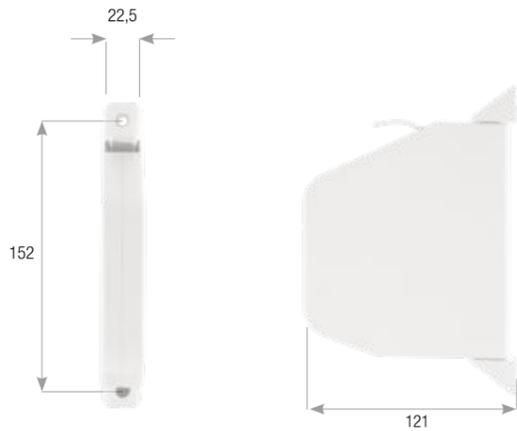


Centre distance 152 mm - for tape

- Material: ABS / Polystyrene.
- For tape 14 x 1.3 mm.
- Other colours available on request, see diagram below.



  
tape  
14 mm x 1.3 mm



### COMPATIBLE ACCESSORIES



Tape  
page 66

CODE	METRES	LOADED	TAPE	COLOUR	PACKAGING
MA0.3.5	5		included	white	50 pcs
MA0.4.5	5		included	brown	50 pcs
MA0.3.6		yes		white	50 pcs
MA0.4.6		yes		brown	50 pcs

AVAILABLE COLOURS

9010

8019

RAL 9010

RAL 8019

# MINI SWINGING TAPE COILER

APPLICATION

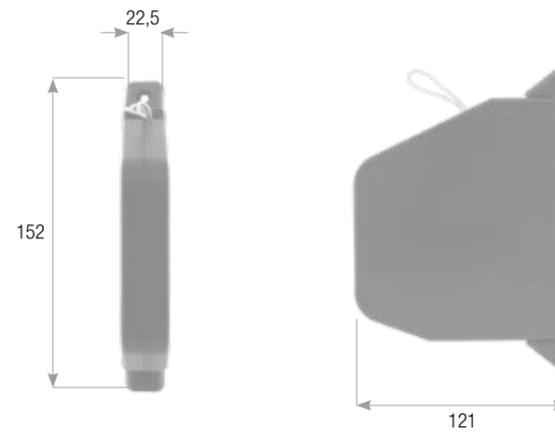


Centre distance 152 mm - for rope

- Material: ABS / Polystyrene.
- For rope: Ø 4 mm.
- Other colours available on request, see diagram below.



  
rope  
Ø 4 mm



### COMPATIBLE ACCESSORIES



Rope  
page 67

CODE	METRES	LOADED	ROPE	COLOUR	PACKAGING
MA0.5.5	5		included	white	50 pcs
MA0.6.5	5		included	brown	50 pcs
MA0.5.6		yes	not included	white	50 pcs
MA0.6.6		yes	not included	brown	50 pcs

AVAILABLE COLOURS

9010

8019

RAL 9010

RAL 8019

# MINI SWINGING TAPE COILER

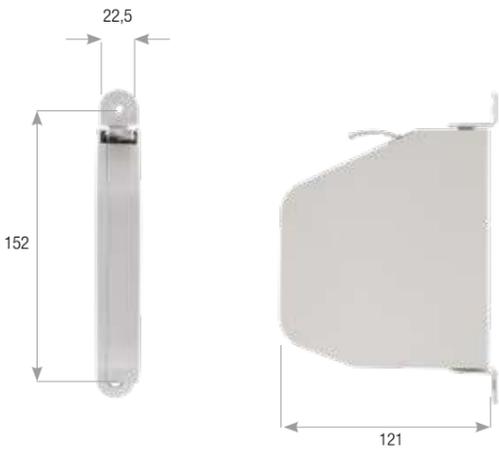
APPLICATION



Centre distance 152 mm - for tape

- Material: ABS / Polystyrene.
- For tape 14 x 1.3 mm.

 tape  
14 mm x 1.3 mm



### COMPATIBLE ACCESSORIES



Tape  
page 66

CODE	METRES	LOADED	TAPE	COLOUR	PACKAGING
MAE.3.5	5		included	white	50 pcs
MAE.4.5	5		included	brown	50 pcs
MAE.3.6		yes	not included	white	50 pcs
MAE.4.6		yes	not included	brown	50 pcs

AVAILABLE COLOURS

9010

8019

RAL 9010 RAL 8019

# MINI SWINGING TAPE COILER

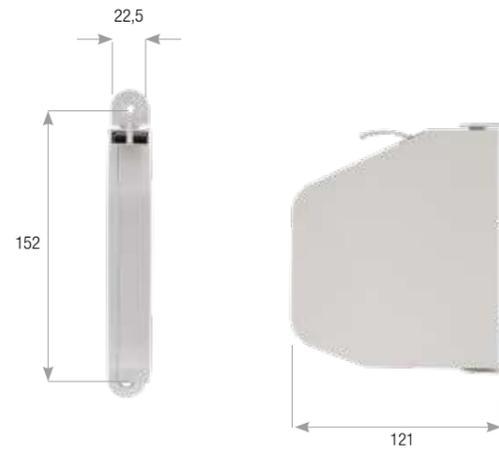
APPLICATION



Centre distance 152 mm - for rope

- Material: ABS / Polystyrene.
- For rope: Ø 4 mm.

 rope  
Ø 4 mm



### COMPATIBLE ACCESSORIES



Rope  
page 67

CODE	METRES	LOADED	ROPE	COLOUR	PACKAGING
MAE.5.5	6		included	white	50 pcs
MAE.6.5	5		included	brown	50 pcs
MAE.5.6		yes	not included	white	50 pcs
MAE.6.6		yes	not included	brown	50 pcs

AVAILABLE COLOURS

9010

8019

RAL 9010 RAL 8019

# SWINGING TAPE COILER

APPLICATION

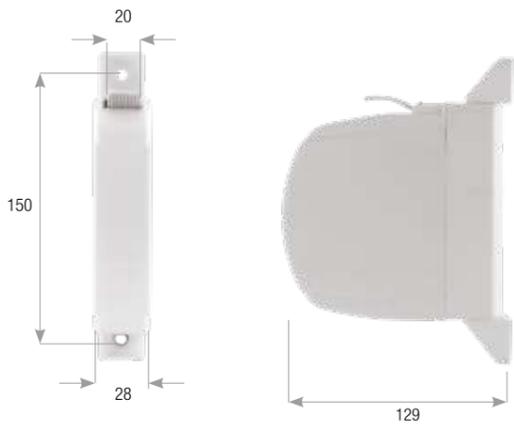


## Centre distance 150 mm - for tape

- Material: Plastic.
- For tape 20 x 1.3 mm.



 tape  
20 mm x 1.3 mm



### COMPATIBLE ACCESSORIES



Tape  
page 66

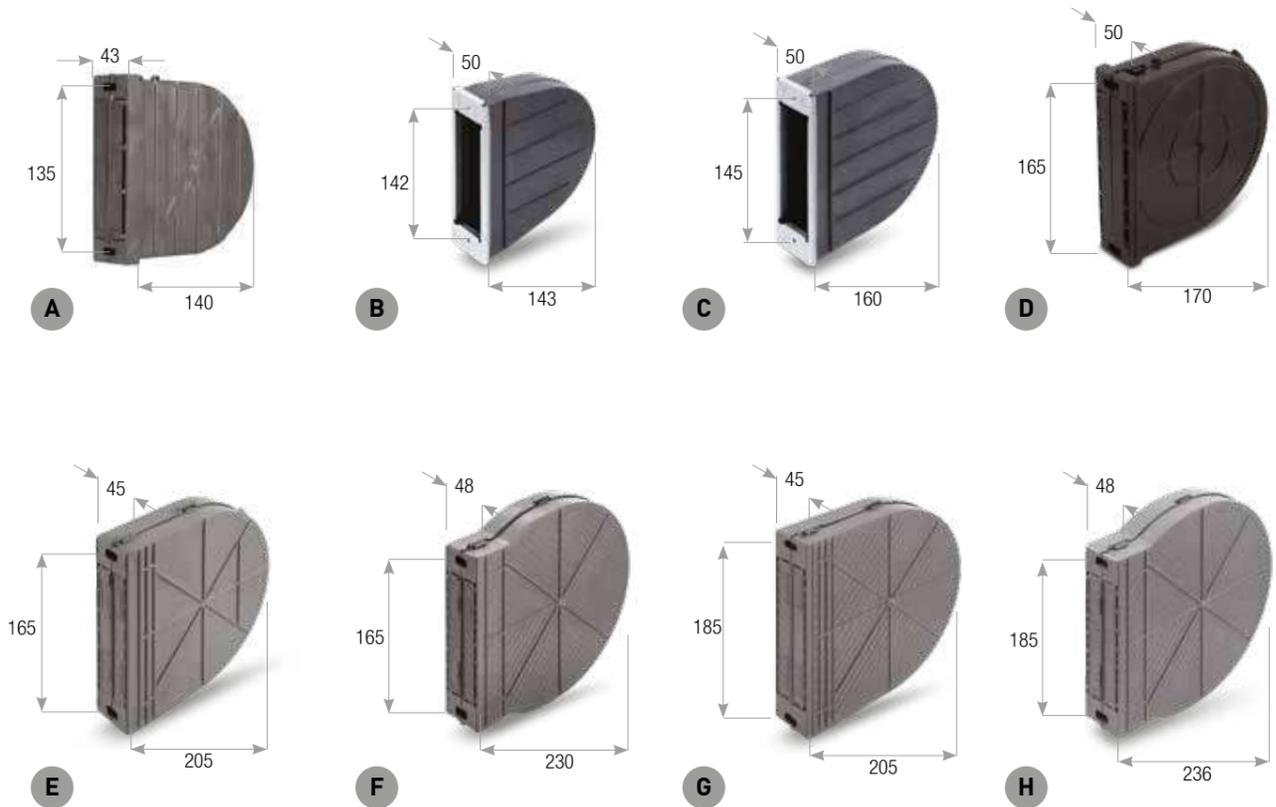
CODE	METRES	TAPE	COLOUR	PACKAGING
AE020.3	4,4	included	white	25 pcs

# BOXES

APPLICATION



- Material: ABS.
- Standard boxes for tape coilers.



CODE	DESCRIPTION	FOR TAPE COILERS	CENTRE DISTANCE	PACKAGING
CP.135.3	<b>A</b>	3 m - 5 m	135 mm	50/100 pcs
CP.142.4	<b>B</b> zinc-plated metal opening	4 m	142 mm	50 pcs
CP.145.6	<b>C</b> zinc-plated metal opening	4 m - 6 m	145 mm	50/100 pcs
CP.165.6	<b>D</b>	4 m - 6 m	165 mm	36 pcs
CP.165.8	<b>E</b>	8 m - 10 m	165 mm	50/100 pcs
CP.165.16	<b>F</b>	12 m - 16 m	165 mm	30/60 pcs
CP.185.8	<b>G</b>	4 m - 6 m - 8 m - 10 m	185 mm	50 pcs
CP.185.12	<b>H</b>	10 m - 12 m - 16 m	185 mm	30/60 pcs

# TAPES

- Available in coils of various sizes on request.



## APPLICATION



### Nylon tape

CODE	WIDTH A	THICKNESS	COLOUR	COIL LENGTH
CT*.12/14.50	14 mm	1.3 mm		50 m
CT*.12/14.6	14 mm	1.3 mm		6 m
CT*.12/18.50	18 mm	1.3 mm		50 m
CT*.12/18.6	18 mm	1.3 mm		6 m
CT*.12/20.50	20 mm	1.3 mm		50 m
CT*.12/20.6	20 mm	1.3 mm		6 m
CTS.19/17.50	19 mm	1.3 mm	grey	50 m
CT.19/17.50	19 mm	1.3 mm	grey/hazelnut	50 m
CT.12.50	22 mm	1.7 mm	grey/hazelnut	50 m

To indicate the desired tape colour, complete the code by replacing the \* symbol with one of the following codes (e.g.: CTSP.12/14.50)



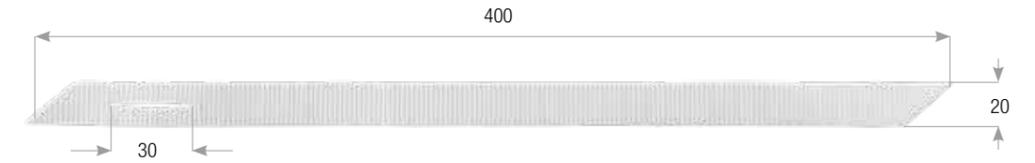
### Cotton tape

CODE	WIDTH A	THICKNESS	MAXIMUM LOAD	COLOUR	COIL LENGTH	MINIMUM ORDER
CT.10.50	22 mm	1.7 mm		grey/hazelnut	50 m	1000 m
CT.10/14.50	22 mm	1.4 mm		grey/hazelnut	50 m	1000 m



# CUT TAPE

- Cut tape for aluminium/PVC profiles.
- To be used in combination with GA.1 hook, page 154.
- Material: Nylon.
- Width: 20 mm.
- Thickness: 1.3 mm.



CODE	MINIMUM ORDER
CT.40	500 pcs



# NYLON ROPE

- Material: Nylon.
- Thickness: 4 mm.

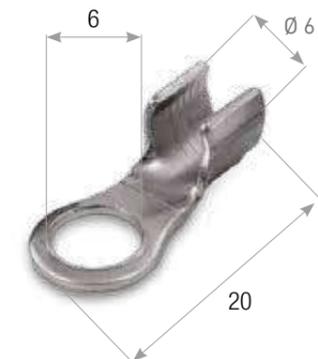


CODE	COLOUR	COIL LENGTH	MINIMUM ORDER
CO.4.W	white	200 m	1 coil
CO.4.M	brown	200 m	1 coil
CO.4.N	black	200 m	1 coil

# LOCKING RING

- Material: Zinc-plated steel.
- Diameter: 6 mm.
- For 4/5 mm rope.

CODE	MINIMUM ORDER
CAP.1	500 pcs



# HANDLE

## for mini tape coiler rope

- Throttle handle.

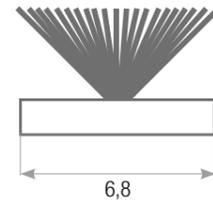
APPLICATION



CODE	COLOUR	PACKAGING
MAC.1.9003	White RAL 9003	50 pcs
MAC.1.8017	Brown RAL 8017	50 pcs

# BRUSH

- Material: Nylon + synthetic.
- Brush height: 3.5 - 5.5 mm.
- Width: 6.8 mm.
- Base height: 0.7 mm.



CODE	BRUSH HEIGHT	MINIMUM ORDER
SPA.3.5	3.5 mm	400 m
SPA.5.5	5.5 mm	400 m

# GASKET

- Gasket for 124 mm guide.
- Material: Plastic.



CODE	MINIMUM ORDER
GG.124	250 m



### 3 BOX TAPE COILERS AND REDUCTION GEAR

# TIZIANO SYSTEM

APPLICATION



## Box tape coiler with iron pulley

- Material: Zinc-plated steel.
- 20 mm tape.
- Capacity: 5 m.
- Height: 210 mm.
- Cap for octagonal roll 60.
- Available in right and left rotation versions.



### COMPATIBLE ACCESSORIES



Tape stop  
page 150



Double tape guide  
page 151

CODE	PULLEY	ROTATION	OUTER DIMENSIONS	PACKAGING
AC.140.DX	140 mm	RIGHT	210 mm	20 pcs
AC.140.SX	140 mm	LEFT	210 mm	20 pcs
AC.180.DX	180 mm	RIGHT	230 mm	20 pcs
AC.180.SX	180 mm	LEFT	230 mm	20 pcs
AC.200.DX	200 mm	RIGHT	250 mm	20 pcs
AC.200.SX	200 mm	LEFT	250 mm	20 pcs

# TIZIANO SYSTEM components

APPLICATION



## Zinc-plated pulley with ball bearing

### Pulley characteristics:

- Material: Zinc-plated steel.
- Tape: 22 mm.
- Ø Cap: 60 mm.
- Packaging: 20 pcs

### Ball bearing characteristics:

- Diameter: 45 mm.
- Ball bearing height: 9 mm.
- Slot height: 2.5 mm.
- Pin material: Zinc-plated steel.
- Disk material: Nylon.

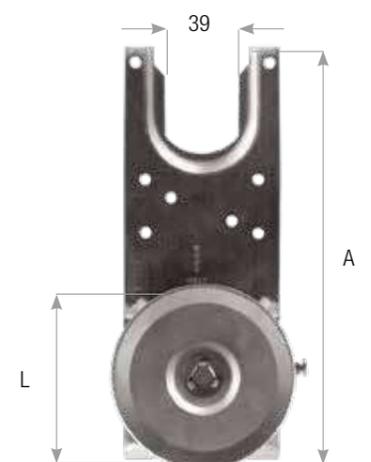


CODE	Ø PULLEY L
PZC.14	140 mm (with ball bearing)
PZC.18	180 mm (with ball bearing)
PZC.20	200 mm (with ball bearing)

## Support

- Material: Zinc-plated steel.
- Capacity: 5 m.
- Thickness: 18/10 mm.
- Saddle width: 39 mm.

CODE	DIMENSIONS SUPPORT A	ROTATION	Ø BOX L	PACKAGING
SC.140.DX	180 mm	RIGHT	76 mm	20 pcs
SC.140.SX	180 mm	LEFT	76 mm	20 pcs
SC.180.DX	200 mm	RIGHT	76 mm	20 pcs
SC.180.SX	200 mm	LEFT	76 mm	20 pcs
SC.200.DX	220 mm	RIGHT	76 mm	20 pcs
SC.200.SX	220 mm	LEFT	76 mm	20 pcs



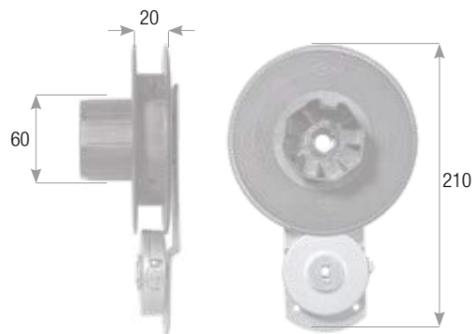
# SYSTEM "B"

APPLICATION



## Box tape coiler with 135 mm plastic pulley

- Material: Zinc-plated steel + Plastic.
- 20 mm tape.
- Capacity: 5 m.
- Height: 210 mm.
- Cap for octagonal roll 60.
- Available in right and left rotation versions.
- Available for sale in kits.



### COMPATIBLE ACCESSORIES



Tape stop  
page 150



Double tape guide  
page 151

CODE	PULLEY	ROTATION	HEIGHT	CAP	PACKAGING
AC.135.DX	135 mm	RIGHT	210 mm	58 mm	20/50 pcs
AC.135.SX	135 mm	LEFT	210 mm	58 mm	20/50 pcs

# SYSTEM "B" components

APPLICATION



## Plastic pulley

- Material: Plastic.
- 20 mm tape.
- 58 mm cap for 60 mm octagonal roll.

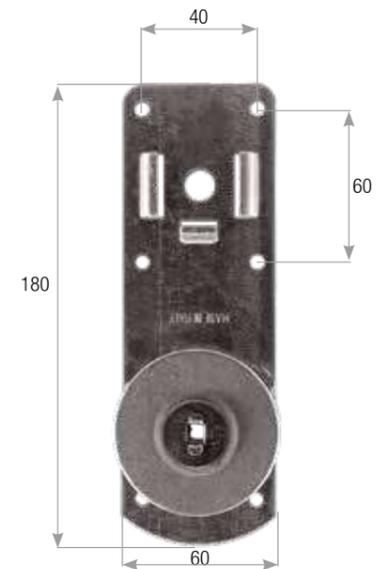


CODE	Ø PULLEY	Ø CAP	BALL BEARING HOLE	PACKAGING
PP.13.5C	135 mm	58 mm	42 mm	20/50 pcs

## Support

- Material: Zinc-plated steel.
- Capacity: 5 m.
- Thickness: 18/10 mm.
- Hole centre distance: 60 x 40 mm.

CODE	HEIGHT	ROTATION	Ø BOX	PACKAGING
SA.180.PD	180 mm	RIGHT	62 mm	20/50 pcs
SA.180.PS	180 mm	LEFT	62 mm	20/50 pcs



## Raised ball bearing

- Bushing material: Nylon.
- Cap material: Zinc-plated steel.
- Total thickness 23.5 mm.
- Rear disc diameter: 40 mm.
- Ball bearing diameter: 41.5 mm.

CODE	INTERNAL THICKNESS	Ø BALL BEARING	Ø HOLE	PACKAGING
CR.42	23.5 mm	42 mm	17 mm	20/50 pcs



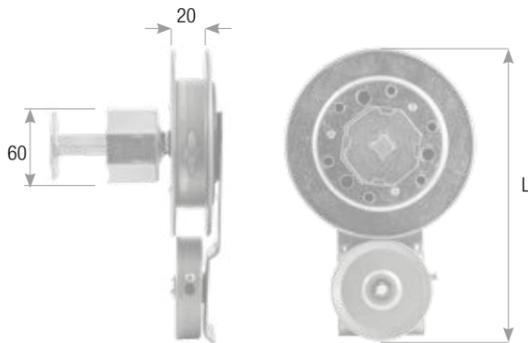
# SYSTEM "C1"

APPLICATION



## Box tape coiler with reduction gear

- Material: Zinc-plated steel + Nylon.
- 20 mm tape.
- Capacity: 10 m
- Height: 210 mm.
- Cap for octagonal roll 60.
- Available in right and left rotation versions.
- Reduction ratio 1:2.
- Suitable for rolling shutters weighing over 25 kg.



### COMPATIBLE ACCESSORIES



Tape stop  
page 150



Double tape guide  
page 151

CODE	MAXIMUM DIMENSIONS L	Ø REDUCTION GEAR	RATIO	TAPE	CAPACITY	PIN	PACKAGING
RI.16.1/2+SR.180.DX+KRI.60.40	250 mm	160 mm	1/2	22 mm	10 m	□ 13 mm	20 pcs
RI.16.1/2+SR.180.SX+KRI.60.40	250 mm	160 mm	1/2	22 mm	10 m	□ 13 mm	20 pcs
RI.18.1/2+SR.210.DX+KRI.60.40	260 mm	180 mm	1/2	22 mm	10 m	□ 13 mm	20 pcs
RI.18.1/2+SR.210.SX+KRI.60.40	260 mm	180 mm	1/2	22 mm	10 m	□ 13 mm	20 pcs

# SYSTEM "C1" components

APPLICATION



## Pulley for box reduction gear

- Material: Zinc-plated steel + Plastic.
- 22 mm tape.



CODE	Ø REDUCTION GEAR	RATIO	PIN	PACKAGING
RI.16.1/2	160 mm	1/2	□ 13 mm	20 pcs
RI.18.1/2	180 mm	1/2	□ 13 mm	20 pcs

## Support for tape coiler with box reduction gear

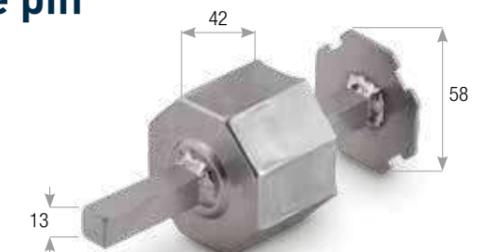
- Material: Zinc-plated steel.
- Capacity: 10 m
- Thickness: 18/10 mm.
- Plate width: 75 mm.
- Connection with rivets.



CODE	OUTER DIMENSIONS	ROTATION	PACKAGING
SR.180.DX	195 mm	RIGHT	50 pcs
SR.180.SX	195 mm	LEFT	50 pcs
SR.210.DX	225 mm	RIGHT	50 pcs
SR.210.SX	225 mm	LEFT	50 pcs

## Reinforced external cap with square pin

- Material: Zinc-plated steel.
- Length 145 mm



CODE	INTERNAL Ø	REINFORCEMENT PLATE	PIN	PACKAGING
KRI.60.40	60 mm	58 mm	□ 13 mm	100 pcs

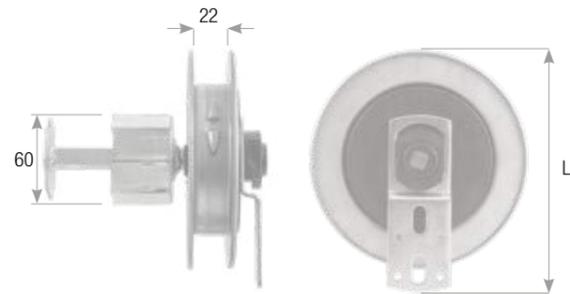
# SYSTEM "C2"

APPLICATION



## Box reduction gear with reinforced external cap and square pin

- Material: Zinc-plated steel + Nylon.
- Tape: 22 mm.
- Capacity: 10 m
- Cap for octagonal roll 60.
- Suitable for rolling shutters weighing over 25 kg.



CODE	TOTAL DIMENSIONS L	Ø REDUCTION GEAR	RATIO	TAPE	CAPACITY	PIN	PACKAGING
RE.16.1/2+SR.2.Z+KRI.60.40	190 mm	160 mm	1/2	22 mm	10 m	□ 13 mm	20 pcs
RE.18.1/2+SR.2.Z+KRI.60.40	210 mm	180 mm	1/2	22 mm	10 m	□ 13 mm	20 pcs
RE.19.1/2+SR.2.Z+KRI.60.40	230 mm	190 mm	1/2	22 mm	10 m	□ 13 mm	20 pcs

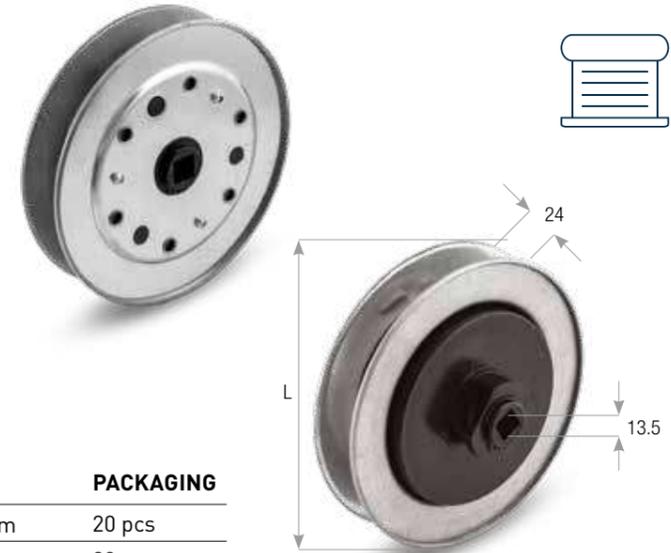
# SYSTEM "C2" components

APPLICATION



## Export reduction gear

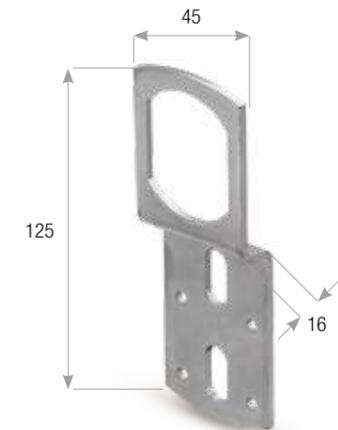
- Material: Zinc-plated steel + Nylon.
- Maximum tape width 24 mm.



CODE	Ø REDUCTION GEAR	RATIO	PIN	PACKAGING
RE.16.1/2	160 mm	1/2	□ 13 mm	20 pcs
RE.18.1/2	180 mm	1/2	□ 13 mm	20 pcs
RE.19.1/2	190 mm	1/2	□ 13 mm	15 pcs

## Lightweight zinc-plated support for export reduction gear

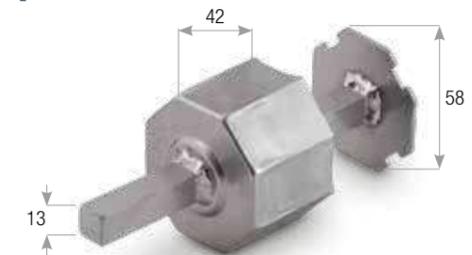
- Material: Zinc-plated steel.
- Thickness: 30/10 mm.
- Depth: 16 mm.
- Width: 45 mm.



CODE	HEIGHT	HOLE	HOLES	PACKAGING
SR.2.Z	125 mm	43 mm x 34 mm	20 mm x 9 mm	20 pcs

## Reinforced external cap with square pin

- Material: Zinc-plated steel.
- Length 145 mm.



CODE	INTERNAL Ø	REINFORCEMENT PLATE	PIN	PACKAGING
KRI.60.40	60 mm	58 mm	□ 13 mm	100 pcs

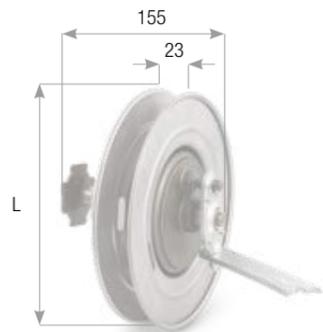
# SYSTEM "D"

APPLICATION



## Cast iron reduction gear with wall support

- Material: Zinc-plated steel + cast iron.
- Tape: 22 mm.
- Capacity: 10 m
- Cap for octagonal roll 60.
- Suitable for rolling shutters weighing over 25 kg.



CODE	Ø CAP	Ø	DIMENSION L	SUPPORT LENGTH	PACKAGING
<b>RG.21.1/2.5</b>	21 cm octagonal cap	210 mm	210 mm	128 mm	15 pcs
<b>RG.24.1/2.5</b>	24 cm octagonal cap	240 mm	240 mm	128 mm	15 pcs
<b>RG.24.LO</b>	24 cm cap LO	240 mm	240 mm	128 mm	15 pcs
<b>RG.21.LO</b>	21 cm cap LO	210 mm	210 mm	128 mm	15 pcs

# SYSTEM "D" components

APPLICATION



## Italia reduction gear

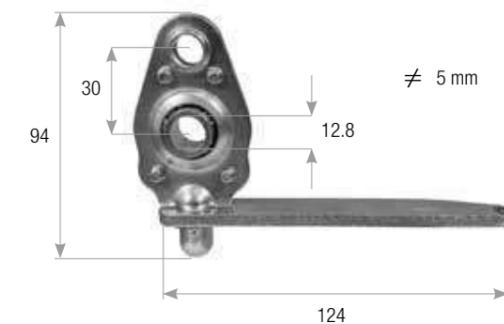
- Material: Zinc-plated steel + cast iron.
- 22 mm tape.



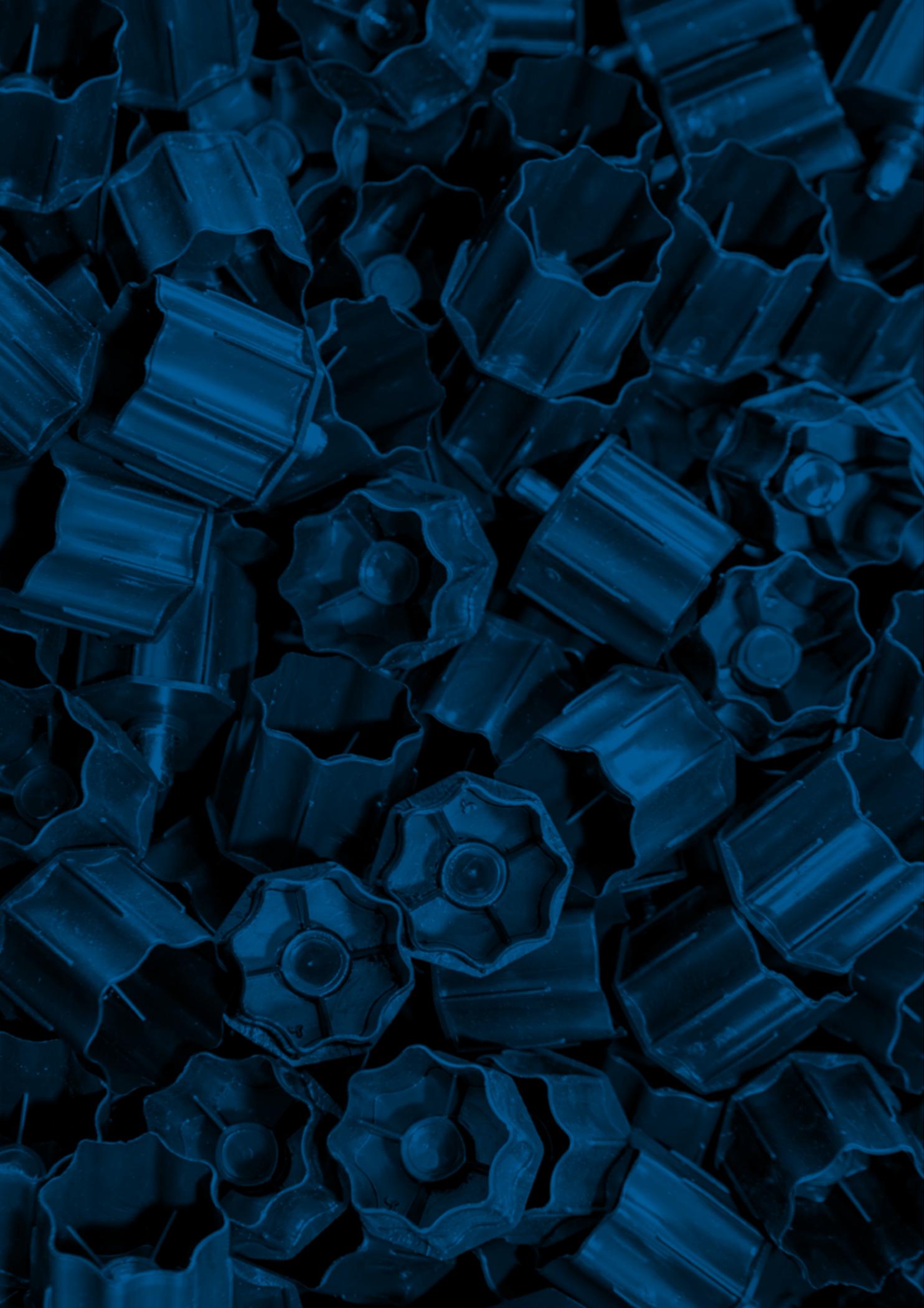
CODE	Ø CAP	Ø L	PIN	LENGTH	PACKAGING
<b>RI.21.1/2.5</b>	21 cm octagonal cap	210 mm	Ø 12 mm	128 mm	15 pcs
<b>RI.24.1/2.5</b>	24 cm octagonal cap	240 mm	Ø 12 mm	128 mm	15 pcs
<b>RI.24.LO</b>	24 cm cap LO	240 mm	Ø 12 mm	128 mm	15 pcs
<b>RI.21.LO</b>	21 cm cap LO	210 mm	Ø 12 mm	128 mm	15 pcs

## Zinc-plated support for Italia reduction gear

- Material: Zinc-plated steel.
- Thickness: 5 mm.



CODE	HEIGHT	LENGTH	WIDTH	HOLE SIZE	PACKAGING
<b>SR.4.Z</b>	94 mm	124 mm	25 mm	12.8 mm	15 pcs



## 4 CAPS AND PULLEYS

# ZINC-PLATED PULLEY

## 60 For octagonal roll 60

- 22 mm tape.
- Material: Zinc-plated steel.
- Pin  $\varnothing$  12 mm.



CODE		DIAMETER	PACKAGING
PZ.14	A	140 mm	20 pcs
PZ.16	A	160 mm	20 pcs
PZ.18	A	180 mm	20 pcs
PZ.20	B	200 mm	20 pcs
PZ.22	B	220 mm	20 pcs
PZ.24	B	240 mm	20 pcs

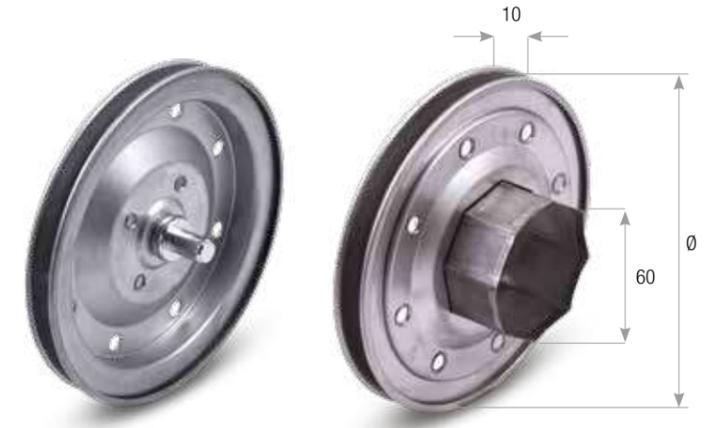
### APPLICATION



# ZINC-PLATED PULLEY FOR ROPE WINCH

## 60 For octagonal roll 60

- Rope guide: 10 mm.
- Material: Zinc-plated steel.
- Pin  $\varnothing$  12 mm.



CODE	DIAMETER	ROPE GUIDE	PACKAGING
PZ.16.A	160 mm	10 mm	20 pcs
PZ.19.A	190 mm	10 mm	20 pcs
PZ.21.A	210 mm	10 mm	20 pcs

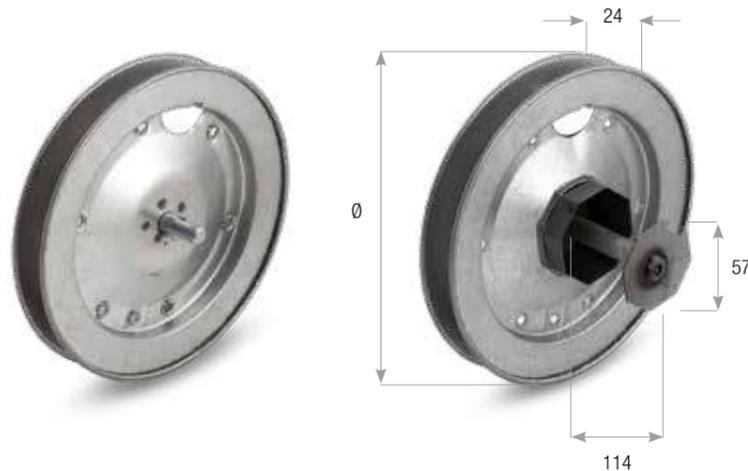
### APPLICATION



# REINFORCED ZINC-PLATED PULLEY

## 60 For octagonal roll 60

- 22 mm tape.
- Material: Zinc-plated steel.
- Pin  $\varnothing$  12 mm.

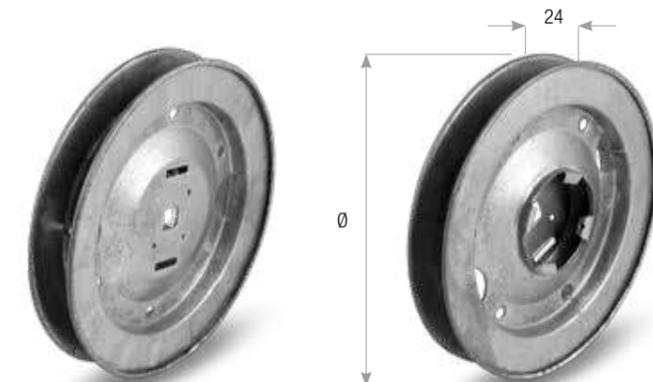


CODE	DIAMETER	OUTER DIMENSIONS	PACKAGING
PZR.20	200 mm	114 mm	30 pcs
PZR.22	220 mm	114 mm	25 pcs
PZR.24	240 mm	114 mm	25 pcs

# ZINC-PLATED PULLEY FOR WOODEN ROLL

## 60 For octagonal roll 60

- Hole 60 mm.
- 22 mm tape.
- Material: Zinc-plated steel.
- Pin  $\varnothing$  12 mm.

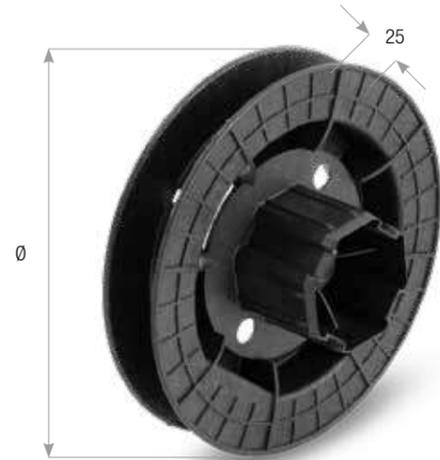


CODE	DIAMETER	PACKAGING
PZ.18.RL	180 mm	25 pcs
PZ.20.RL	200 mm	25 pcs
PZ.22.RL	220 mm	25 pcs
PZ.24.RL	240 mm	25 pcs

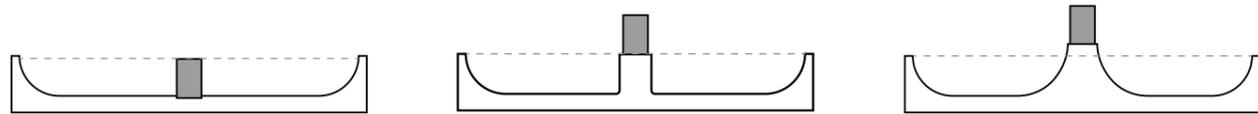
# PLASTIC PULLEY

## 60 For octagonal roll 60

- Cap 60 mm.
- 22 mm tape.
- Material: ABS.
- Pin  $\varnothing$  12 mm.



APPLICATION



### Internal pin

CODE	$\varnothing$	PACKAGING
PP.18.PI	180 mm	20 pcs
PP.20.PI	200 mm	20 pcs
PP.22.PI	220 mm	20 pcs

### Flush pin

CODE	$\varnothing$	PACKAGING
PP.18.PF	180 mm	20 pcs
PP.20.PF	200 mm	20 pcs
PP.22.PF	220 mm	20 pcs

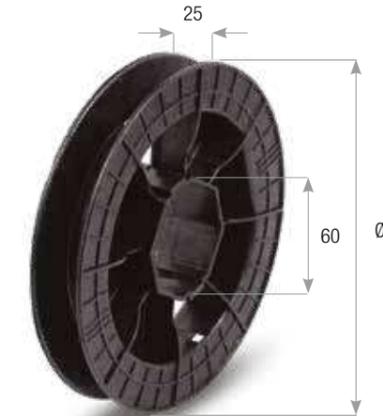
### External pin

CODE	$\varnothing$	PACKAGING
PP.18.PE	180 mm	20 pcs
PP.20.PE	200 mm	20 pcs
PP.22.PE	220 mm	20 pcs

# THROUGH PULLEY

## 60 For octagonal roll 60

- Hole 60 mm.
- 22 mm tape.
- Material: ABS.



APPLICATION

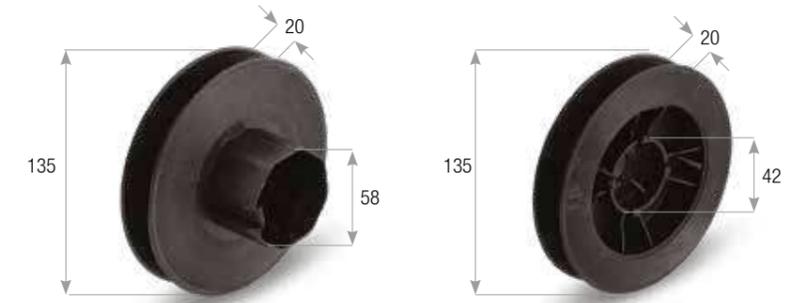


CODE	DIAMETER	PACKAGING
PP.18.PO	180 mm	20 pcs
PP.20.PO	200 mm	20 pcs
PP.22.PO	220 mm	20 pcs

# PLASTIC PULLEY

## 60 For box tape coiler

- 58 mm cap for 60 mm octagonal roll.
- 20 mm tape.
- Material: ABS.



CODE	DIAMETER	BALL BEARING HOLE	PACKAGING
PP.13.5C	135 mm	42 mm	20/50 pcs

# PLASTIC CAPS

50 60 70 For octagonal roll 50, 60 and 70

• Material: ABS.



CODE	DESCRIPTION	LENGTH	PIN	COUPLING SIZE	CAP	PACKAGING
KP.50.55	A	50 mm	Ø 12 mm		51 mm for roll 50	200 pcs
KP.57.55	B	55 mm	Ø 12 mm		57 mm for roll 60	200 pcs
KP.60.50	C Rounded tip	50 mm	Ø 12 mm		58 mm for roll 60	200 pcs
KP.60.55	D	55 mm	Ø 12 mm		58 mm for roll 60	200 pcs
KP.60.80	E	80 mm	Ø 12 mm	46 mm	58 mm for roll 60	100 pcs
KP.60.90	F	90 mm	Ø 12 mm	90 mm	58 mm for roll 60	100 pcs
KP.60.150	G	150 mm	Ø 12 mm	115 mm	58 mm for roll 60	100 pcs
KP.70.55	H	55 mm	Ø 12 mm		68 mm for roll 70	150 pcs
KP.70.70	I Rounded tip	72 mm	Ø 12 mm		68 mm for roll 70	200 pcs

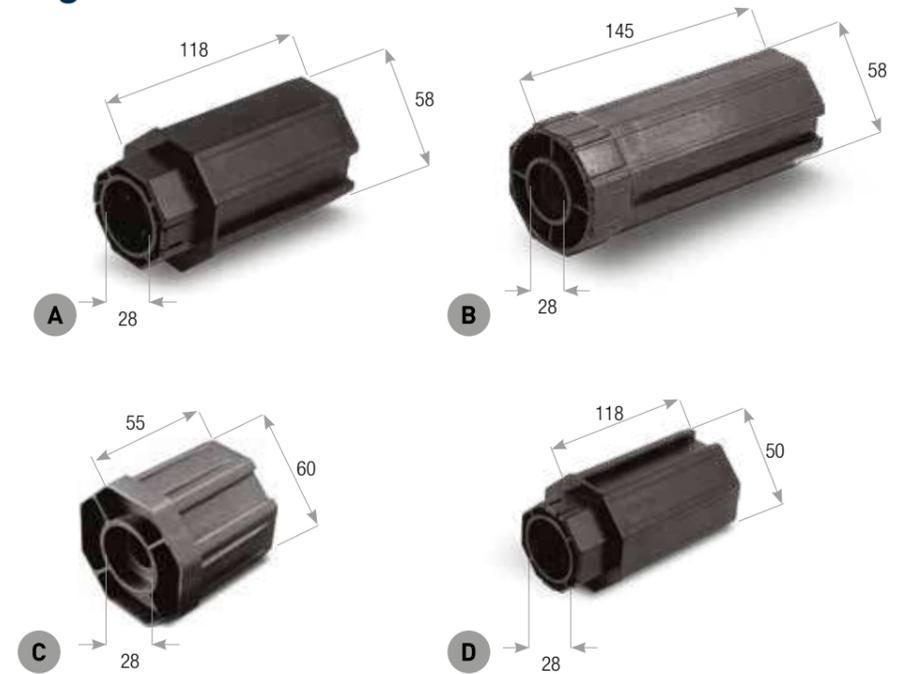
## APPLICATION



# CAPS FOR MINI BALL BEARINGS

50 60 For octagonal roll 50 and 60

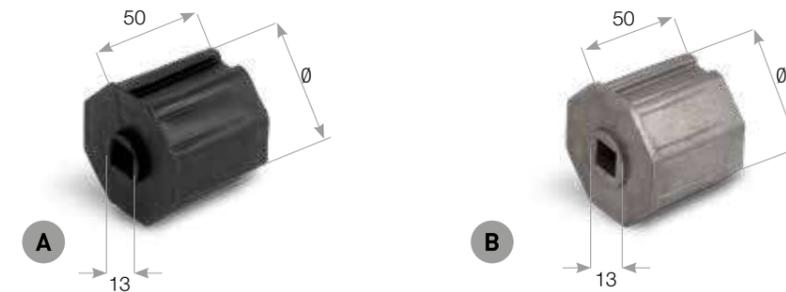
• Material: ABS.



CODE	LENGTH	HOLE	COUPLING SIZE	CAP	PACKAGING
KP.60.118	A 118 mm	28 mm	100 mm	58 mm for roll 60	100 pcs
KP.60.145	B 145 mm	28 mm	110 mm	58 mm for roll 60	100 pcs
KP.60.MC	C 55 mm	28 mm	50 mm	58 mm for roll 60	100 pcs
KP.50.118	D 118 mm	28 mm	100 mm	50 mm for roll 50	100 pcs

# CAPS FOR WINCH

60 70 For octagonal roll 60 and 70

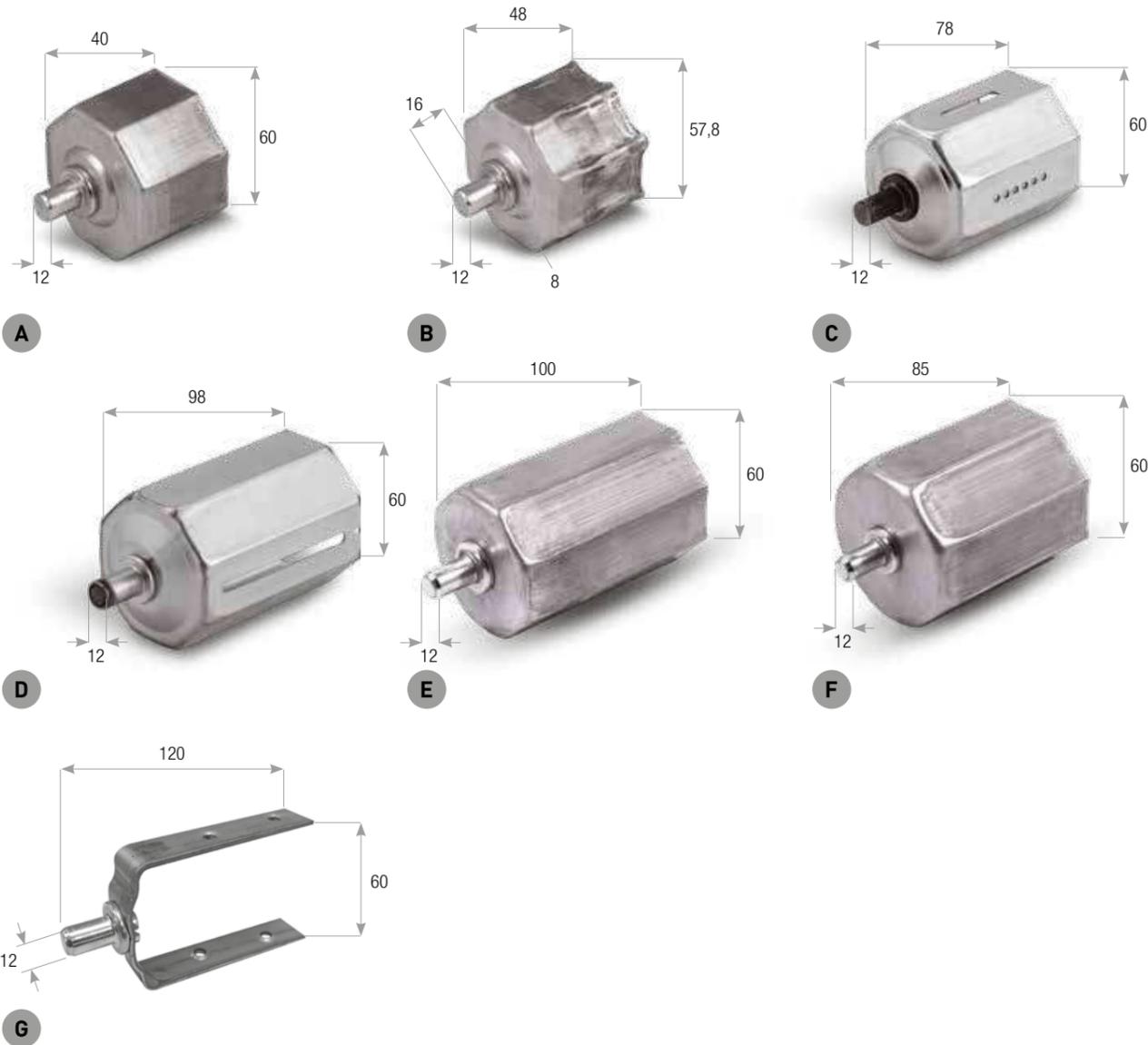


CODE	LENGTH	MATERIAL	COUPLING	Ø CAP	PACKAGING
KP.60.FQ	A 50 mm	Plastic	□ 13 mm	58 mm for roll 60	200 pcs
KP.70.FQ	A 50 mm	Plastic	□ 13 mm	68 mm for roll 70	200 pcs
KA.60.FQ	B 50 mm	Aluminium	□ 13 mm	58 mm for roll 60	50 pcs
KA.70.FQ	B 50 mm	Aluminium	□ 13 mm	68 mm for roll 70	50 pcs

# ZINC-PLATED CAP

**60 70** For octagonal roll 60 and 70

• Material: Zinc-plated steel.



CODE	SHAPE	LENGTH	PIN	INTERNAL Ø	PACKAGING
<b>KZ.60.40</b>	<b>A</b> Octagonal	40 mm	Ø 12 mm	60 mm	125 pcs
<b>KZ.60.40.BE</b>	<b>B</b> Octagonal ribbed	48 mm	Ø 12 mm	57.8 mm	125 pcs
<b>KZ.60.78</b>	<b>C</b> Octagonal, rounded tip	78 mm	Ø 12 mm	60 mm	50 pcs
<b>KZ.60.98</b>	<b>D</b> Octagonal, rounded tip	98 mm	Ø 12 mm	60 mm	50 pcs
<b>KZ.60.100</b>	<b>E</b> Octagonal	100 mm	Ø 12 mm	60 mm	50 pcs
<b>KZ.70.90</b>	<b>F</b> Octagonal	85 mm	Ø 12 mm	70 mm	50 pcs
<b>F.RL.1</b>	<b>G</b> For octagonal wooden roll	120 mm	Ø 12 mm	60 mm	50 pcs

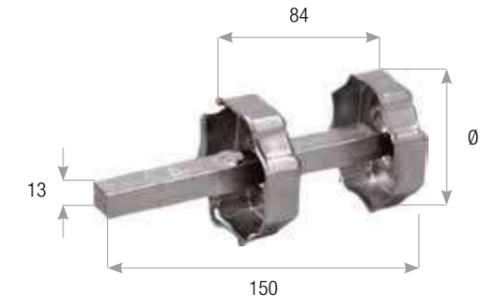
APPLICATION



# INTERNAL CAP SQUARE PIN for reduction gear

**60 70** For octagonal roll 60 and 70

• Material: Zinc-plated steel.

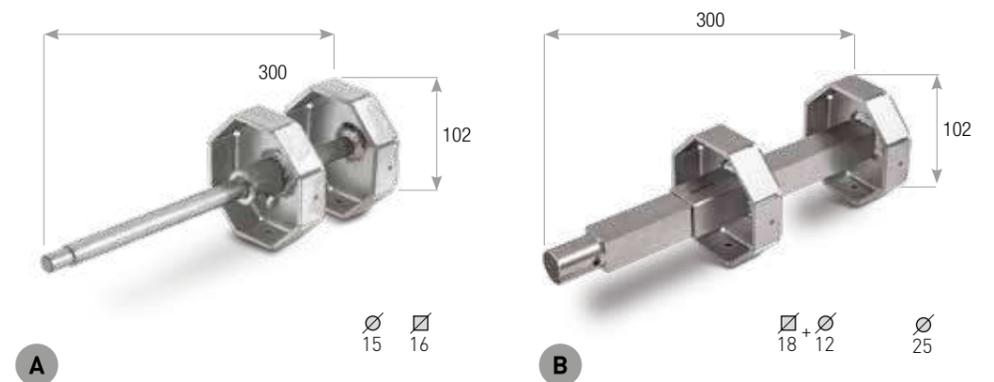


CODE	Ø	SHAPE	PIN	PACKAGING
<b>CA.EX.1</b>	60 mm	octagonal	□ 13 mm	100 pcs
<b>CA.EX.2</b>	70 mm	octagonal	□ 13 mm	100 pcs
<b>CA.EX.3</b>	65 mm	round	□ 13 mm	100 pcs
<b>CA.EX.4</b>	76 mm	round	□ 13 mm	100 pcs

# CAP 102 mm FOR EASY BOX

**102** For octagonal roll 102

• Material: Zinc-plated iron.

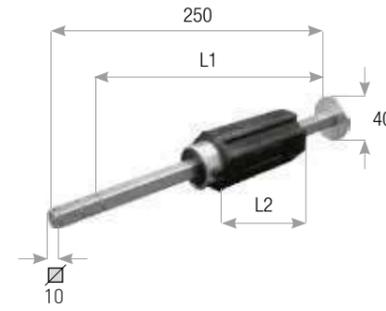


CODE	CAP	PIN	LENGTH	PACKAGING
<b>KZ.102.300</b>	<b>A</b> 102 mm	round 15 mm	300 mm	15 pcs
<b>KZ.102.200</b>	<b>A</b> 102 mm	□ 16 mm	300 mm	15 pcs
<b>KZ.102.300.18</b>	<b>B</b> 102 mm	□ 18 mm + round 12 mm	300 mm	5 pcs
<b>KZ.102.300.25</b>	<b>B</b> 102 mm	round 25 mm	300 mm	5 pcs

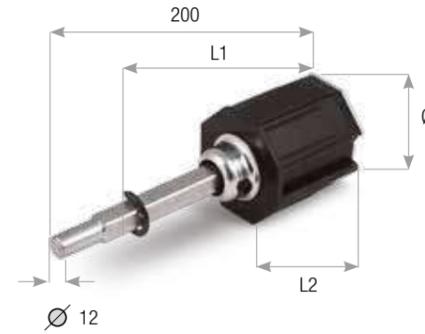
## ADJUSTABLE CAP ROUND PIN

40 60 70 For octagonal roll 40, 60 and 70

• Cap material: ABS.



A



B

APPLICATION

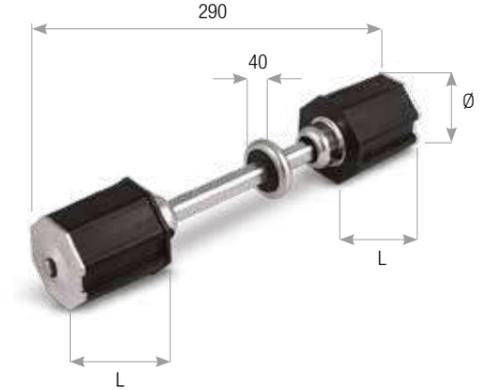


CODE	Ø	SHAPE	LENGTH L1	CAP LENGTH L2	PIN	PACKAGING
KP.40.RT	A 40 mm	octagonal	210 mm	80 mm for roll 40	□ 10 mm	50 pcs
KP.60.RT	B 58 mm	octagonal	153 mm	55 mm for roll 60	Ø 12 mm	50 pcs
KP.70.RT	B 68 mm	octagonal	153 mm	60 mm for roll 70	Ø 12 mm	50 pcs
KPI.60.RT	B 58 mm	octagonal	130 mm	55 mm for roll 60	Ø 12 mm	50 pcs
KPI.70.RT	B 68 mm	octagonal	153 mm	60 mm for roll 70	Ø 12 mm	50 pcs
KP.60.300.RT	B 58 mm	octagonal	253 mm	55 mm for roll 60	Ø 12 mm	50 pcs
KP.70.300.RT	B 68 mm	octagonal	253 mm	60 mm for roll 70	Ø 12 mm	50 pcs

## ADJUSTABLE DOUBLE CAP for reduction gear

60 70 For octagonal roll 60 and 70

• Material: Zinc-plated steel and Plastic.

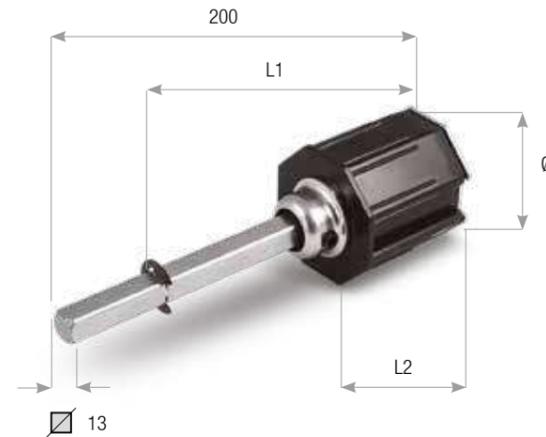


CODE	Ø	SHAPE	CAP LENGTH L	PIN	PACKAGING
KP.60.RD	58 mm	octagonal	55 mm	Ø 13 mm	25 pcs
KP.70.RD	68 mm	octagonal	60 mm	Ø 13 mm	25 pcs

## ADJUSTABLE CAP SQUARE PIN

60 70 For octagonal roll 60 and 70

• Cap material: Plastic.

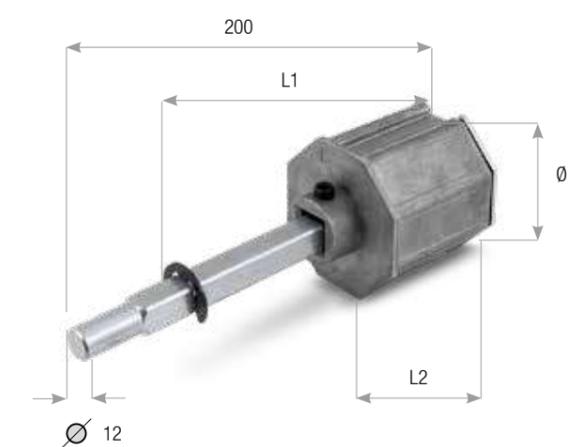


CODE	Ø	SHAPE	LENGTH L1	CAP LENGTH L2	PIN	PACKAGING
KP.60.RQ	58 mm	octagonal	150 mm	55 mm for roll 60	□ 13 mm	50 pcs
KP.70.RQ	68 mm	octagonal	150 mm	60 mm for roll 70	□ 13 mm	50 pcs

## ADJUSTABLE CAP ROUND PIN

60 70 For octagonal roll 60 and 70

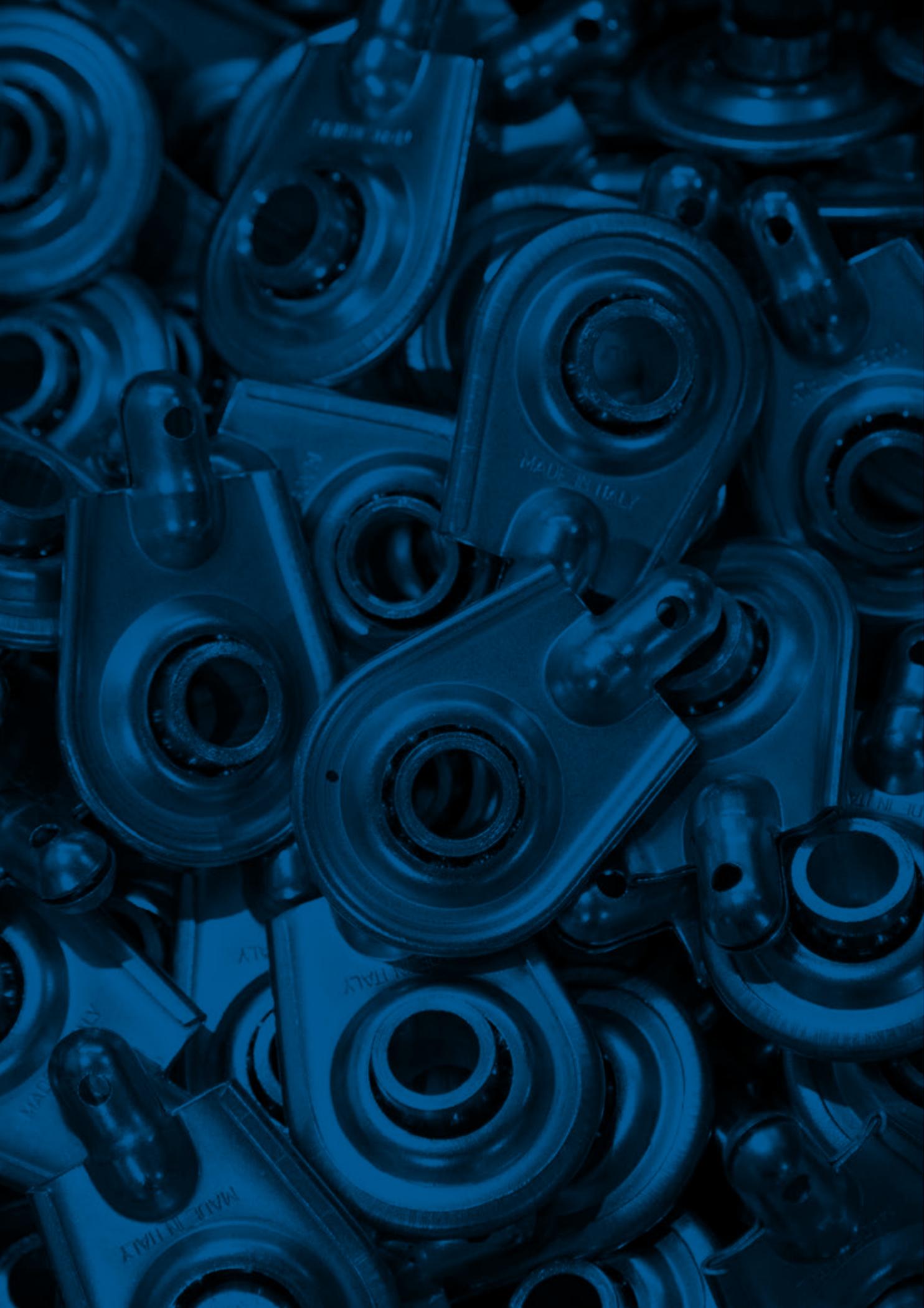
• Material: Aluminium.



CODE	Ø	SHAPE	LENGTH L1	CAP LENGTH L2	PIN	PACKAGING
KA.60.RT	58 mm	octagonal	130 mm	55 mm for roll 60	Ø 12 mm	50 pcs
KA.70.RT	68 mm	octagonal	153 mm	60 mm for roll 70	Ø 12 mm	50 pcs

APPLICATION



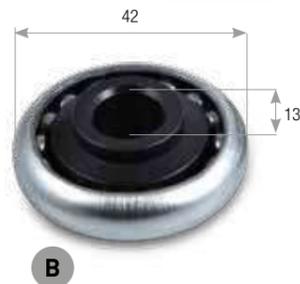
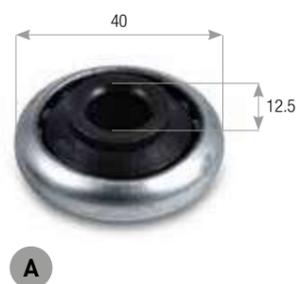


## 5 SUPPORTS AND BALL BEARINGS SUPPORTS FOR ELECTRIC MOTORS

# NYLON BALL BEARINGS

• Material: Nylon.

CODE		DIAMETER	HOLE	PACKAGING
CE.40.12	A	40 mm	12.5 mm	250 pcs
CE.42.12	B	42 mm	13 mm	250 pcs

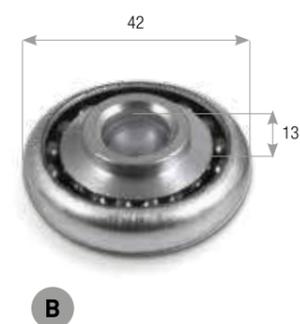


APPLICATION

# IRON BALL BEARINGS

• Material: Iron.

CODE		DIAMETER	HOLE	PACKAGING
CF.40.12	A	40 mm	12.5 mm	250 pcs
CF.42.12	B	42 mm	13 mm	250 pcs



# DISK BALL BEARING

• Material: Zinc-plated steel.

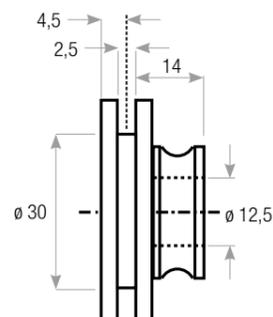
CODE	DIAMETER	HOLE	HOLE CENTRE DISTANCE	PACKAGING
CD.1.Z	68 mm	13 mm	41 mm	100 pcs



# FAKE BALL BEARING

• Material: Nylon.

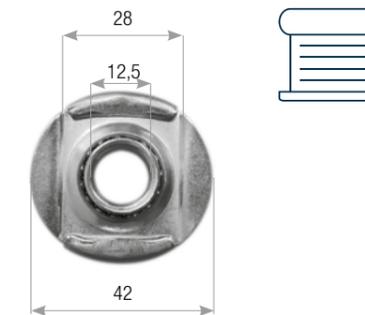
CODE	COUPLING DIAMETER	HOLE	PACKAGING
BN.30.14	30 mm	∅ 12,5	100 pcs



# SLIDING BALL BEARINGS AND SUPPORTS APPLICATION

## Removable round ball bearing

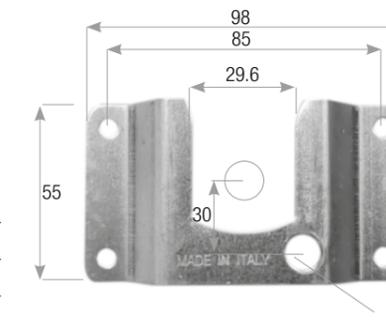
CODE	DIAMETER	COLLAR	MATERIAL	PACKAGING
CT.42.FE	42 mm	22 mm	Iron	250 pcs



## Wooden support 98 mm x 11 mm

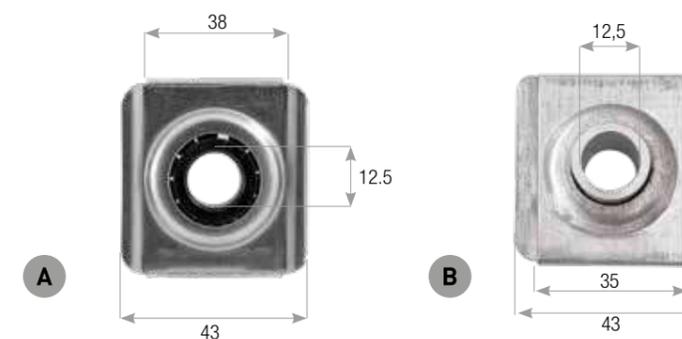
• For CT.42.FE ball bearing

CODE	BALL BEARING	WIDTH	BEND	MATERIAL	PACKAGING
SL3.S	42 mm	98 mm	22 mm	Zinc-plated steel	250 pcs
SL4.S	42 mm	98 mm	11 mm	Zinc-plated steel	250 pcs



## Removable square ball bearing

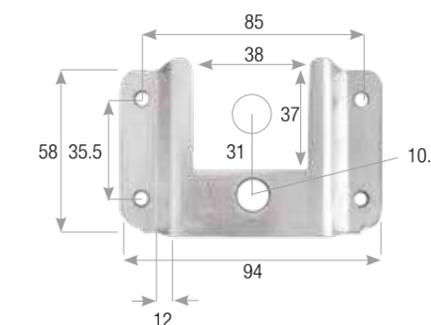
CODE	MATERIAL	WIDTH/HEIGHT	HOLE	HOLES	PACKAGING
QC.1.NY	A Zinc-plated steel + Nylon	43x45 mm	12.5 mm	38 mm	100 pcs
QC.1.FE	B Zinc-plated steel	43x45 mm	12.5 mm		100 pcs



## Wooden support 94 mm x 11 mm

• Material: Zinc-plated steel.  
• For TS.34.Q.01 motor insert.  
• For square ball bearings QC.1.FE and QC.1.NY.

CODE	BALL BEARING	WIDTH	BEND	PACKAGING
SL5.S	37 mm	94 mm	11 mm	100 pcs



# ZINC-PLATED FEMALE BALL BEARING

For wall support

- Material: Zinc-plated steel.

CODE	HOLE	PIN	PACKAGING
SMF.1.Z	12.6 mm	Ø 10 mm	100 pcs



APPLICATION



# ZINC-PLATED BALL BEARING

For wall support

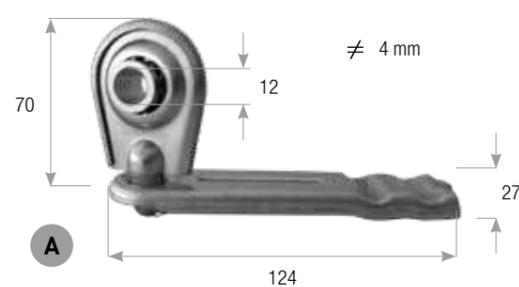
- Material: Zinc-plated steel.

CODE	HOLE	PIN	PACKAGING
SM.1.Z	12.4 mm	Ø 10 mm	100 pcs
SM.1.ZC	with split pin	Ø 10 mm	100 pcs



# WALL SUPPORT

- Material: Zinc-plated iron.

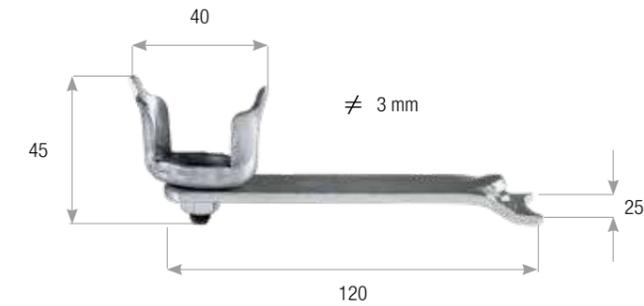


CODE	DESCRIPTION	WIDTH/LENGTH	HOLE	PACKAGING
SM.2.Z	A Light	70 x 124 mm	12 mm	100 pcs
SM.4.Z	A Light without ball bearing	70 x 124 mm	12 mm	100 pcs
SM.3.Z	B Heavy	70 X 137 mm	12.4 mm	100 pcs
SM.5.Z	B Heavy without ball bearing	70 X 137 mm	12.4 mm	100 pcs

# FLARED SUPPORT

With 120 mm clamp

- Material: Steel.



CODE	WIDTH	LENGTH	FLARED SUPPORT SIZE	PACKAGING
ST.1.120	25 mm	120 mm	40 mm	50 pcs

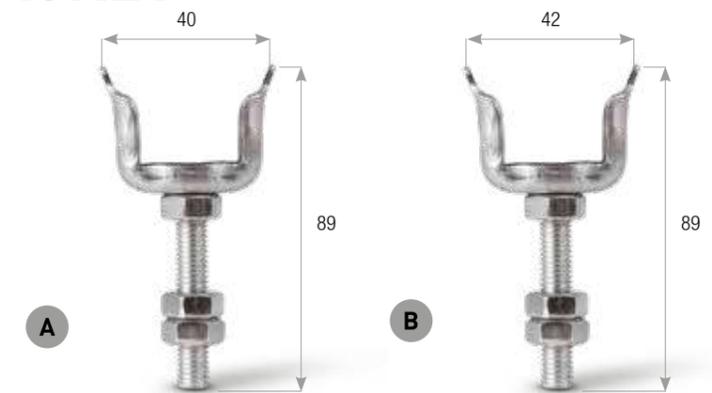
APPLICATION



# BALL BEARING BRACKET

Adjustable

- Material: Zinc-plated steel.

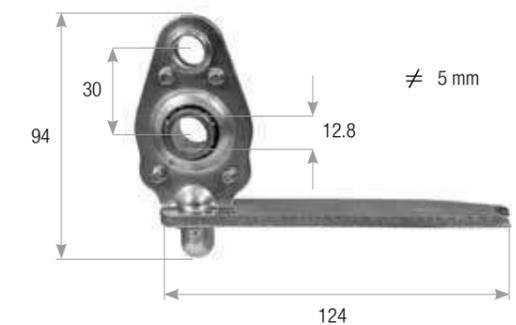


CODE	WIDTH/HEIGHT	BALL BEARING	SCREW DIAMETER	THICKNESS	PACKAGING
PR.1	A 40 x 89 mm	40 mm	10 mm	17/10 mm	100 pcs
PR.2	B 42 x 89 mm	42 mm	10 mm	17/10 mm	100 pcs

# ZINC-PLATED SUPPORT

For Italia reduction gear

- Material: Zinc-plated steel.

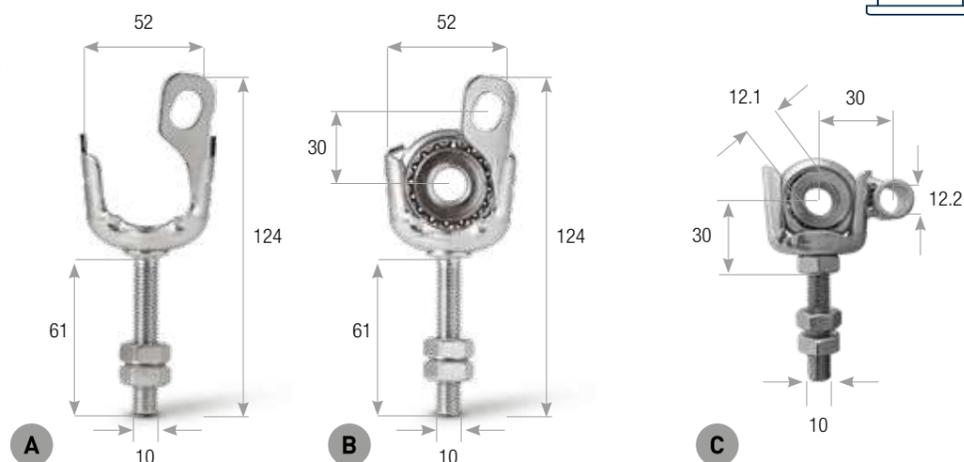


CODE	HOLE	WIDTH	CLAMP THICKNESS	PACKAGING
SR.4.Z	12.8 mm	25 mm	5 mm	50 pcs

# ADJUSTABLE ZINC-PLATED SUPPORT

## For Italia reduction gear

- Material: Zinc-plated steel.



CODE	DESCRIPTION	HOLE	DIAM. SCREW	PACKAGING
SR.5.Z	A with double nut, without ball bearing	12.3 mm	10 mm	100 pcs
SR.7.Z	B with double nut and iron ball bearing	12.3 mm	10 mm	100 pcs
SR.8.Z	C with double M10 nut and 36 mm steel ball bearing	12.1 mm	10 mm	100 pcs

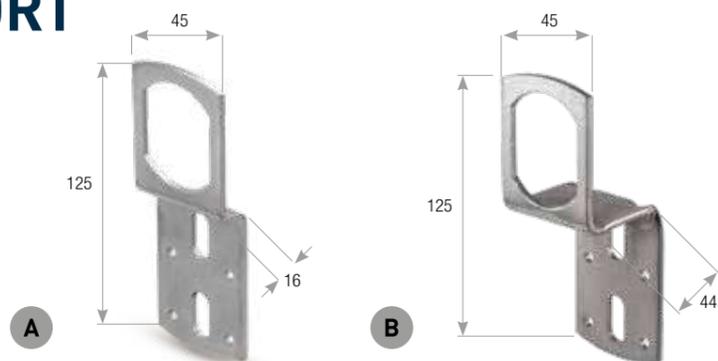
### APPLICATION



# ZINC-PLATED SUPPORT

## For Export reduction gear

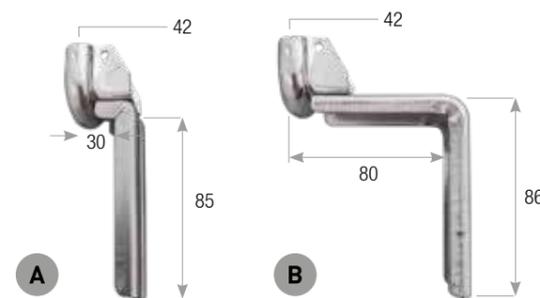
- Material: Zinc-plated steel.



CODE	DESCRIPTION	BEND	HOLE	HOLES	THICKNESS	PACKAGING
SR.2.Z	A Lightweight support	16 mm	43 x 34 mm	20 x 9 mm	30/10 mm	100 pcs
SR.3.Z	B Long support	44 mm	43 x 34 mm	20 x 9 mm	30/10 mm	100 pcs

# ROLLER SHUTTER BOX SUPPORTS

- Material: Zinc-plated steel.



CODE	BEND	BALL BEARING	THICKNESS	MAX LOAD	PACKAGING
SC.1.25	A 25 mm	42 mm	14/10 mm	30 kg	100 pcs
SC.1.80	B 80 mm	42 mm	14/10 mm	30 kg	100 pcs

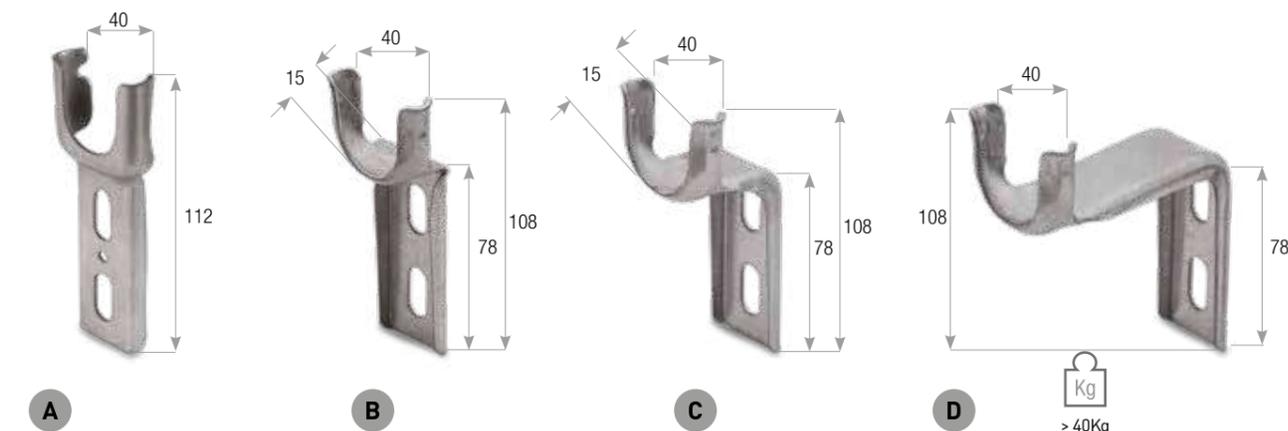
# ROLLER SHUTTER BOX SUPPORTS

- Material: Zinc-plated steel.
- Version with clip available.

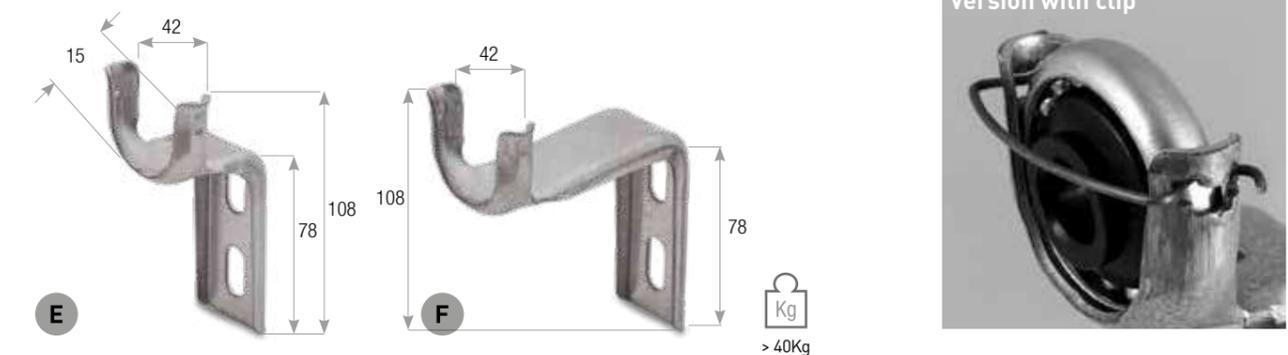
### APPLICATION



## For 40 mm ball bearing



## For 42 mm ball bearing

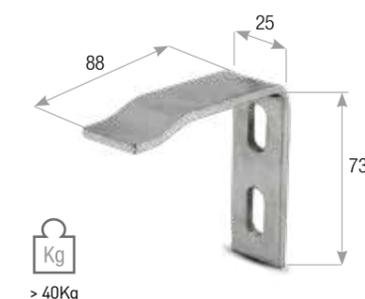


CODE	VERSION	BEND	BALL BEARING	HOLES	THICKNESS	MAX LOAD	PACKAGING
SCD.1	A		40 mm	20 x 9 mm	18/10 mm	40 kg	100 pcs
SC.1.15	B	15 mm	40 mm	20 x 9 mm	20/10 mm	40 kg	100 pcs
SC.1.35	C	35 mm	40 mm	20 x 9 mm	20/10 mm	40 kg	100 pcs
SC.1.90	D	90 mm	40 mm	20 x 9 mm	20/10 mm	40 kg	100 pcs
SC.1.15.C	B with clip	15 mm	40 mm	20 x 9 mm	20/10 mm	40 kg	<i>under development</i>
SC.1.35.C	C with clip	35 mm	40 mm	20 x 9 mm	20/10 mm	40 kg	100 pcs
SC.1.90.C	D with clip	90 mm	40 mm	20 x 9 mm	20/10 mm	40 kg	100 pcs
SC.2.35	E	35 mm	42 mm	20 x 9 mm	20/10 mm	40 kg	100 pcs
SC.2.90	F	90 mm	42 mm	20 x 9 mm	20/10 mm	40 kg	100 pcs
SC.2.35.C	E with clip	35 mm	42 mm	20 x 9 mm	20/10 mm	40 kg	100 pcs
SC.2.90.C	F with clip	90 mm	42 mm	20 x 9 mm	20/10 mm	40 kg	100 pcs

## Reinforcement for 90° support

- Material: Zinc-plated steel.
- For loads exceeding 40 kg.

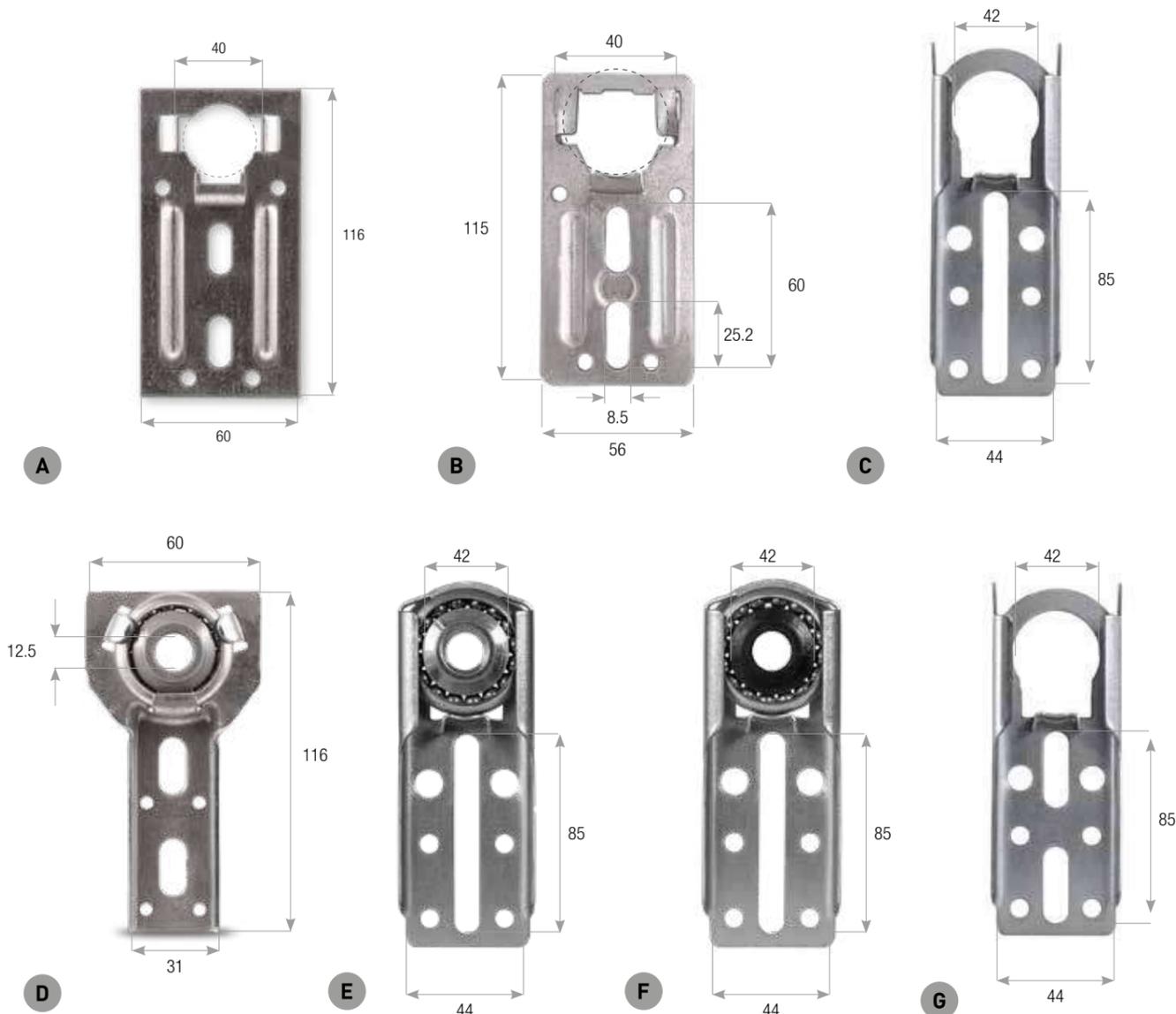
CODE	LENGTH	HOLES	THICKNESS	PACKAGING
RSI.1	88 mm	20 x 9 mm	40/10 mm	100 pcs
RSI.2	on request	20 x 9 mm	40/10 mm	100 pcs



# ROLLER SHUTTER BOX SUPPORTS

• Material: Zinc-plated steel.

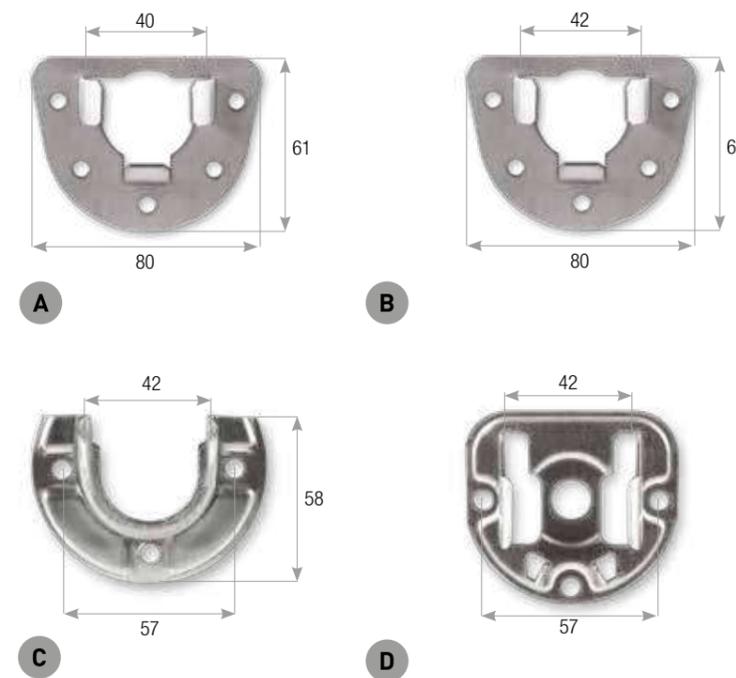
APPLICATION



CODE	DESCRIPTION	BALL BEARING	BALL BEARING INCLUDED	WIDTH/HEIGHT	HOLES	THICKNESS	PACKAGING
SCP.2	A Flat	40 mm		60 x 116 mm	20 x 9 mm	18/10 mm	100 pcs
SCP.3	A Flat, enlarged holes	40 mm		60 x 116 mm	20 x 9 mm	18/10 mm	100 pcs
SCP.4	A Flat, RU design	40 mm		60 x 116 mm	20 x 9 mm	18/10 mm	100 pcs
SCP.40	B Flat with folding wings, lockable ball bearing	40 mm		56 x 115 mm	25.2 x 8.5 mm	15/10 mm	100 pcs
SCD.3	C Straight, with wings	42 mm		44 x 112 mm	85 x 8.5 mm	12/10 mm	100 pcs
SCD.2	D Straight with ball bearing	40 mm	yes	60 x 116 mm	20 x 9 mm	18/10 mm	200 pcs
SCDF.3	E Straight, with wings, iron ball bearing	42 mm	yes	44 x 112 mm	85 x 8.5 mm	12/10 mm	100 pcs
SCDN.3	F Straight, with wings, plastic ball bearing	42 mm	yes	44 x 112 mm	85 x 8.5 mm	12/10 mm	100 pcs
SCDS.3	G Straight, with wings	42 mm		44 x 112 mm		12/10 mm	100 pcs

# BALL BEARING ROUND BRACKET

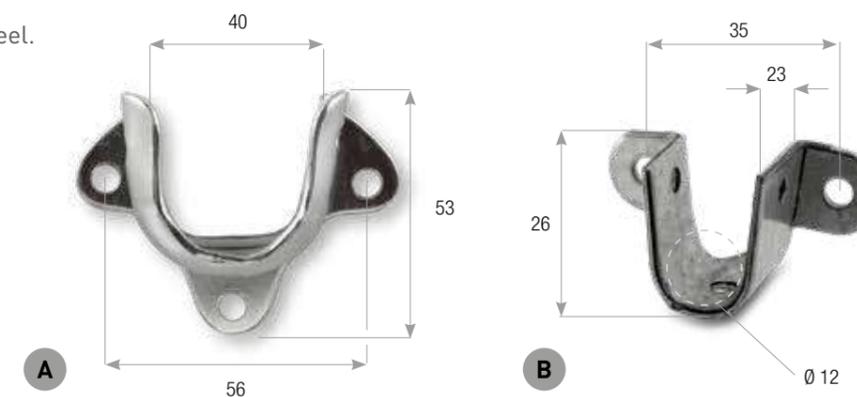
APPLICATION



CODE	BALL BEARING	Ø FASTENING HOLES	HEIGHT	THICKNESS	MATERIAL	PACKAGING
PL.1	A 40 mm		61 mm	18/10 mm	Zinc-plated steel	250 pcs
PL.4	B 42 mm		61 mm	18/10 mm	Zinc-plated steel	250 pcs
PL.2	C 42 mm		80 mm	15/10 mm	Zinc-plated steel	300 pcs
PL.3	D 42 mm	6.5 mm			Zinc-plated iron	400 pcs

# WOOD SUPPORT

• Material: Zinc-plated steel.

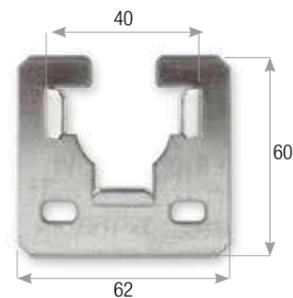


CODE	DESCRIPTION	BALL BEARING	HOLE	CENTRE DISTANCE	THICKNESS	PACKAGING
SLC.1	A Ball bearing support	40 mm		56 mm	19/10 mm	200 pcs
SL.1	B Wood support		12 mm	35 mm	18/10 mm	50 pcs

# BALL BEARING BRACKET 40 mm

- Material: Zinc-plated steel.

CODE	WIDTH/HEIGHT	THICKNESS	PACKAGING
PC.1	62 x 60 mm	18/10 mm	500 pcs

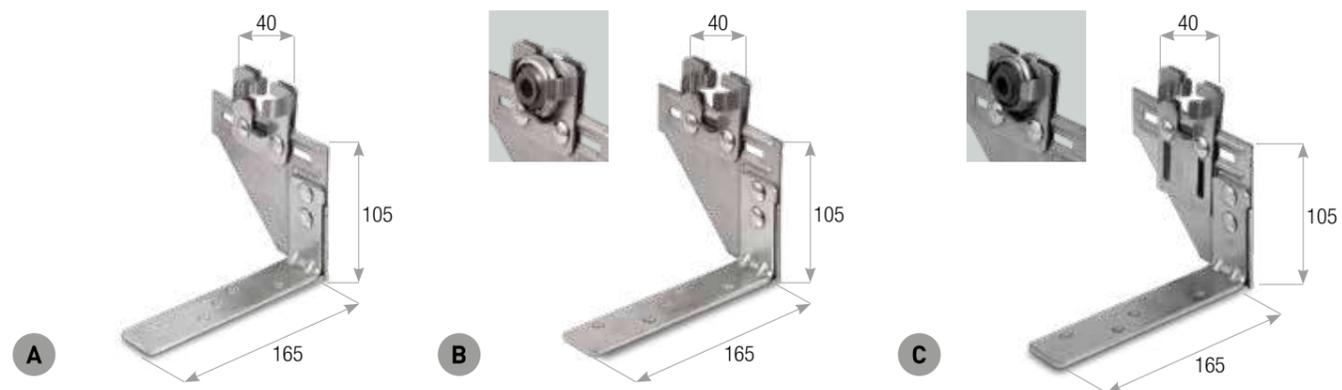


## APPLICATION



# BOX FORKS

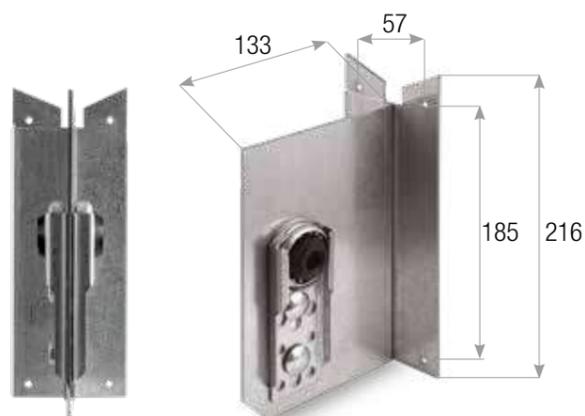
- Material: Zinc-plated steel.
- For 40 mm ball bearing.
- Ball bearings included, supplied unassembled.



CODE		WIDTH/HEIGHT	PACKAGING
BC.1	A	110x165 mm	25 pcs
BC.1.C	A	ball bearings included	25 pcs
BC.2	B	110x165 mm	25 pcs
BC.2.C	B	ball bearing included	25 pcs
BC.1.RU	C	110x165 mm	25 pcs
BC.1.RU.C	C	ball bearings included	25 pcs

# EPS BOX FORK

- Double fork support, double ball bearing and mounting screws.
- Material: Zinc-plated steel.

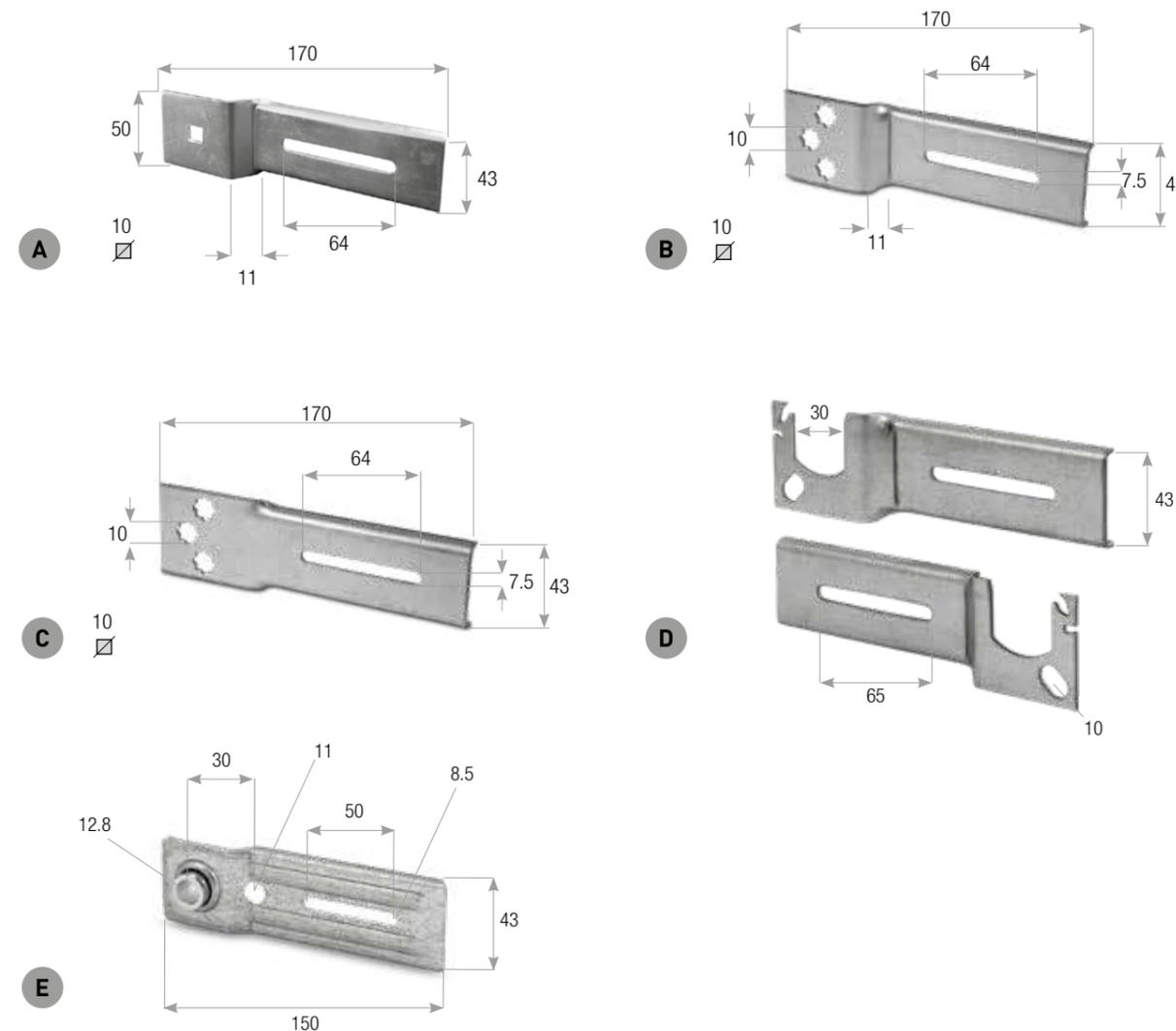


CODE	BALL BEARING	HOLE CENTRE DISTANCE	BACK DIMENSIONS	SIDE DIMENSIONS	THICKNESS	PACKAGING
BCP.216	40 mm	57x185 mm	80 x216 mm	133 x 188 mm	2 mm	25 pcs

# MOTOR BRACKETS

- Compatibility: ST.40.XX/ST.50.XX.

## APPLICATION

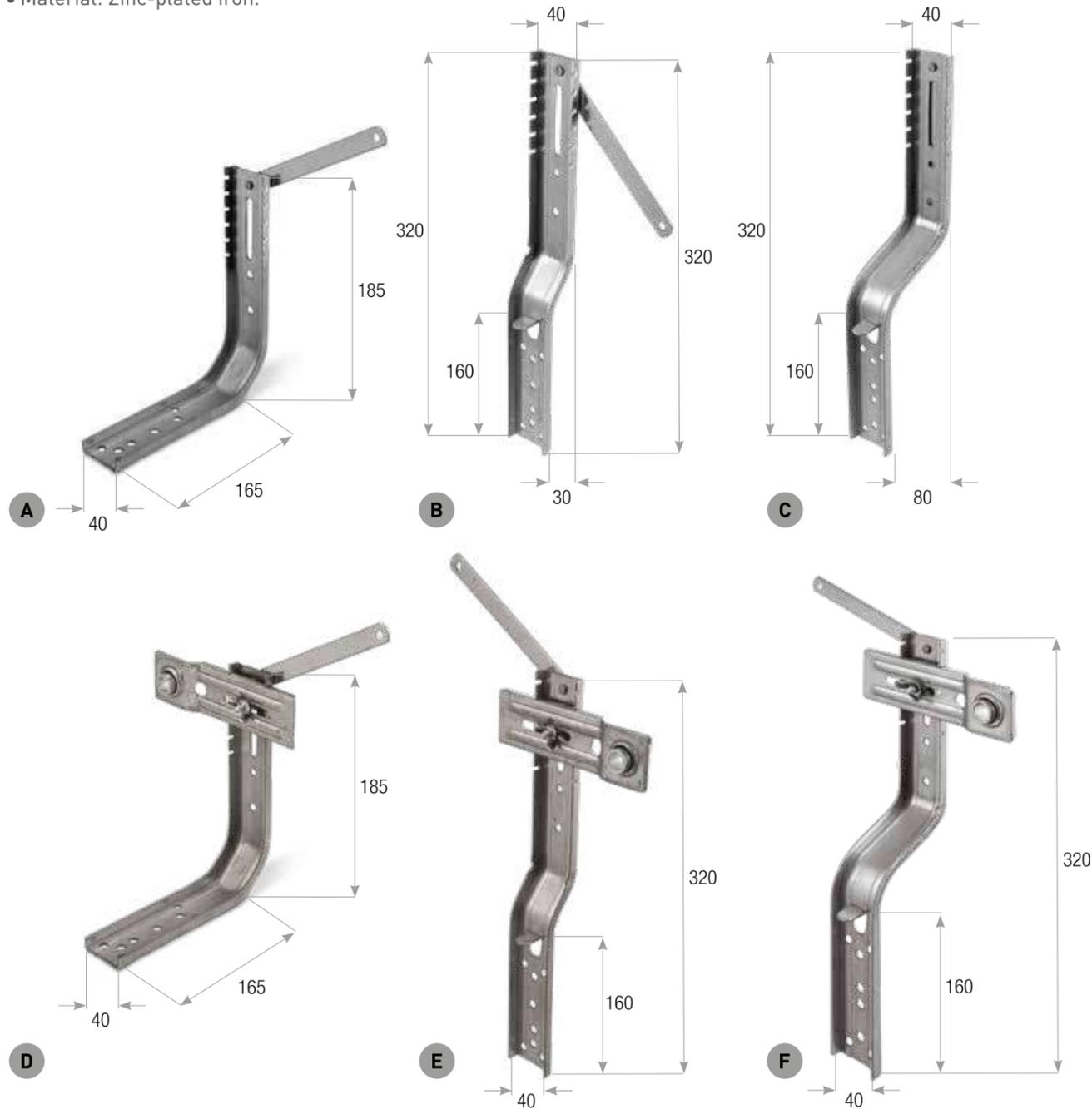


CODE	DESCRIPTION	WIDTH/LENGTH	HOLE	MATERIAL	PACKAGING
SB.4.2	A 50 mm motor plate with central hole $\square$ 10 mm for 90° support	170x43 mm	64 mm	Zinc-plated iron	100 pcs
SB.4.3	B 43 mm motor plate with 3 star-shaped holes for $\square$ 10 mm, 11 mm bend	170x43 mm	64 mm	Zinc-plated iron	100 pcs
SB.5.DR	C Straight motor support with 3 star-shaped holes for $\square$ 10 mm	170x43 mm	64 mm	Zinc-plated iron	100 pcs
SB.4.11.DX	D Support for sliding ball bearing, pitch 43 mm, bend 11 mm, right	170x43 mm	65 mm	Zinc-plated iron	100 pcs
SB.4.11.SX	D Support for sliding ball bearing, pitch 43 mm, bend 11 mm, left	170x43 mm	65 mm	Zinc-plated iron	100 pcs
SB.3.40	E Zinc-plated ball bearing for 40 mm bracket support	150x43 mm	50 mm	Zinc-plated steel	50 pcs

# SUPPORT 40 mm FIXED BALL BEARING

- Material: Zinc-plated iron.

## APPLICATION



CODE	DESCRIPTION	BALL BEARING	BEND	WIDTH	PACKAGING
ST.40.90	A 90° support		90°	40 mm	100 pcs
ST.40.30	B 30° bend support		30 mm	40 mm	50 pcs
ST.40.80	C 80° bend support		80 mm	40 mm	50 pcs
ST.40.90.C	D 90° support	included	90°	40 mm	50 pcs
ST.40.30.C	E 30° bend support	included	30 mm	40 mm	50 pcs
ST.40.80.C	F 80° bend support	included	80 mm	40 mm	50 pcs

# FRAME SUPPORT

- Width: 50 mm.
- Material: Zinc-plated iron.

## APPLICATION

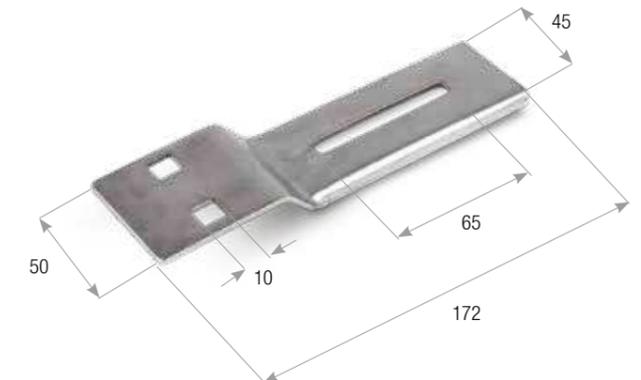


CODE	BEND	POSITION BALL BEARING	BALL BEARING TYPE	PACKAGING
ST.50.30.C	50 mm		fixed	50 pcs
ST.50.80.C	80 mm		fixed	50 pcs
ST.50.100.C	100 mm		fixed	50 pcs
ST.50.10M.DX	100 mm	RIGHT	mobile	50 pcs
ST.50.10M.SX	100 mm	LEFT	mobile	50 pcs
ST.50.3M.DX	30 mm	RIGHT	mobile	50 pcs
ST.50.3M.SX	30 mm	LEFT	mobile	50 pcs
ST.50.8M.DX	80 mm	RIGHT	mobile	50 pcs
ST.50.8M.SX	80 mm	LEFT	mobile	50 pcs

# MOTOR BRACKET

- 45 mm bracket with double 10 mm hole.
- Only for ST.50.90.

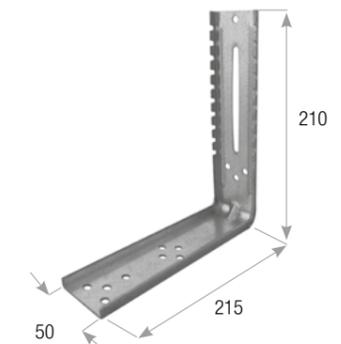
CODE	WIDTH/LENGTH	MATERIAL	PACKAGING
SB.4	172x50 mm	Zinc-plated iron	100 pcs



# 90° SUPPORT

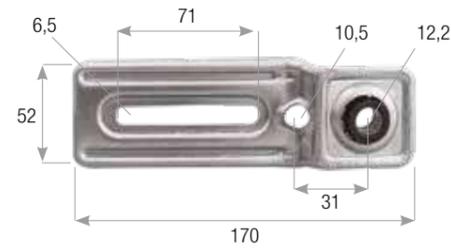
- Material: Zinc-plated iron.
- Without ball bearing.

CODE	BEND	WIDTH	PACKAGING
ST.50.90	90°	50 mm	50 pcs



## BRACKET WITH BALL BEARING

- For SB.2.S support.
- Material: Zinc-plated steel.
- Ball bearing material: Nylon.



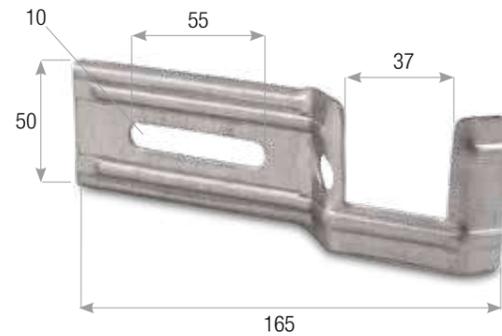
### APPLICATION



CODE	HOLE	WIDTH/LENGTH	HOLE	PACKAGING
SB.3	12.2 mm	170x52 mm	71 mm	100 pcs

## BRACKET FOR SQUARE BALL BEARING

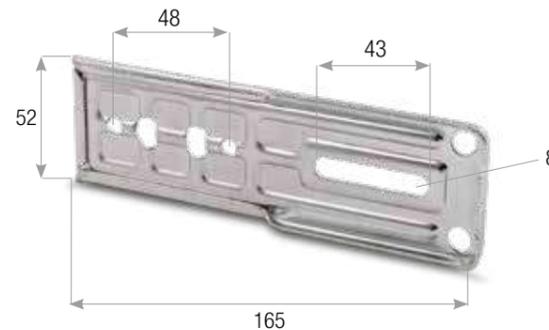
- For QC.1.FE / QC.1.NY/SB.2.S.
- Bend 11 mm.
- Material: Zinc-plated steel.



CODE	HOLE	WIDTH/LENGTH	HOLES	BALL BEARING POSITION	PACKAGING
SB.6.11.DX	37 mm	165x50 mm	55x10 mm	RIGHT	50 pcs
SB.6.11.SX	37 mm	165x50 mm	55x10 mm	LEFT	50 pcs

## MOTOR BRACKET centre distance 48 mm

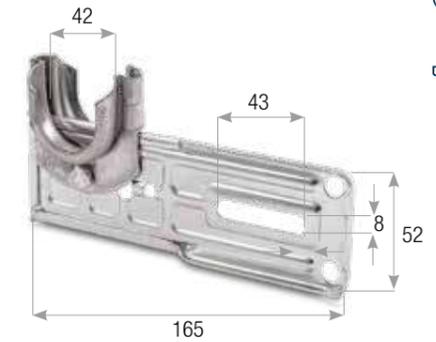
- Compatible with supports: SM.1.10, SMS.1.10, SB.2.S.
- Material: Zinc-plated steel.



CODE	HOLE	HOLES	WIDTH/LENGTH	PACKAGING
SB.6	6.5 mm	43 mm x 8 mm	165x52 mm	50 pcs

## BRACKET FOR 42 mm BALL BEARING

- For SB.2.S.
- Material: Zinc-plated steel.



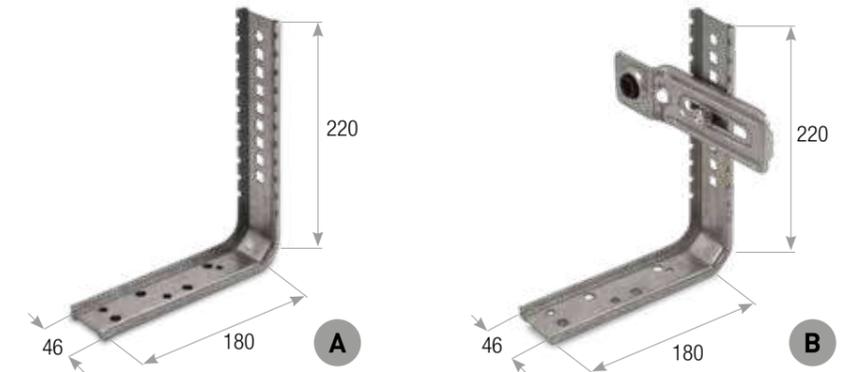
### APPLICATION



CODE		WIDTH/LENGTH	HOLES	BALL BEARING	PACKAGING
SB.6.B	Fork support	165x52 mm	43x8 mm	42 mm	50 pcs
SB.6.C	Ball bearing	165x52 mm	43x8 mm	42 mm	50 pcs

## 46 mm 90° SUPPORT

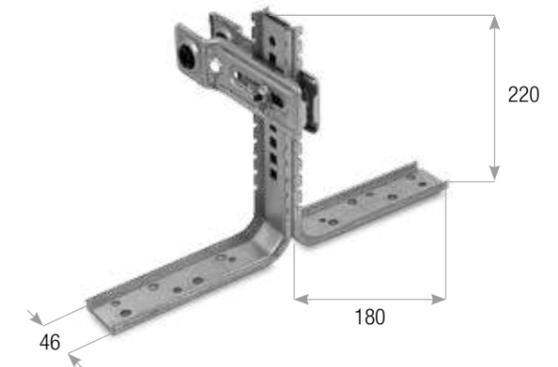
- Material: Zinc-plated steel.



CODE		WIDTH	PACKAGING
SB.2.S	A ball bearing included	46 mm	50 pcs
SB.2	B	46 mm	50 pcs

## DOUBLE FORK SUPPORT WITH BALL BEARING

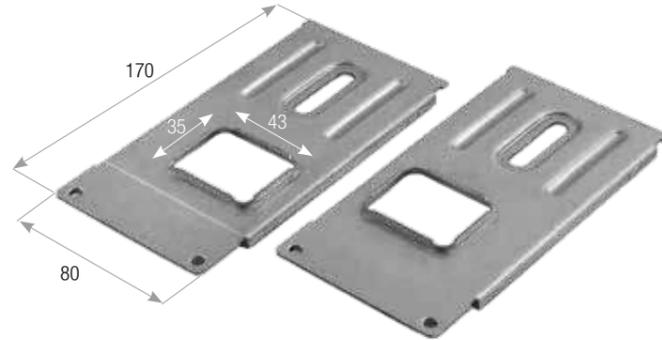
- Ball bearing included.
- Material: Zinc-plated steel.



CODE	WIDTH	PACKAGING
SB.1	46 mm	50 pcs

## REDUCTION GEAR PLATE for 90° support APPLICATION

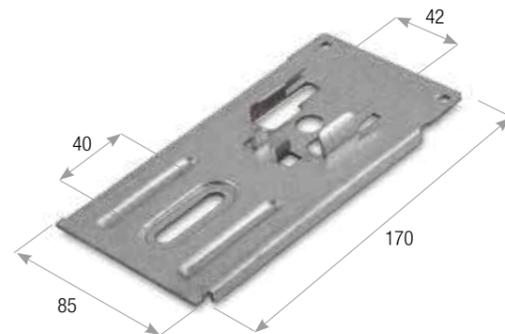
- For SB.2.S/SU.130.XX.
- Material: Zinc-plated iron.



CODE	WIDTH/LENGTH	PACKAGING
PM.170.F	80x170mm	100 pcs

## PLATE FOR Ø42 mm BALL BEARING

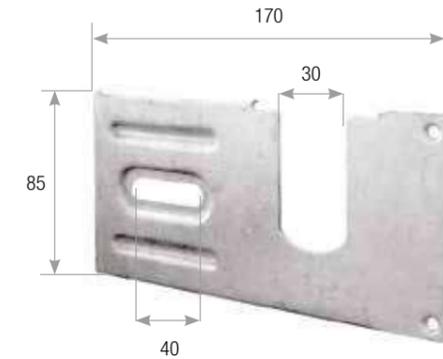
- For SB.2.S/SU.130.XX.
- Material: Zinc-plated steel.



CODE	WIDTH/LENGTH	HOLE	PACKAGING
PM.170.C	170x85 mm	40 mm	100 pcs

## REDUCTION GEAR HOLE PLATE for 90° support APPLICATION

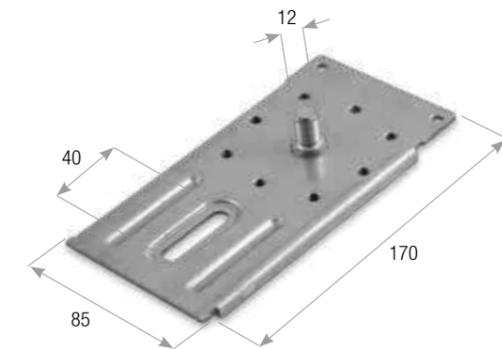
- For SB.2.S/SU.130.XX.
- Material: Zinc-plated steel.



CODE	REDUCTION GEAR HOLE	WIDTH/LENGTH	HOLE	PACKAGING
PM.170.RDX-SX	30 mm	170x85 mm	40 mm	100 pcs

## PLATE WITH PIN for 90° support

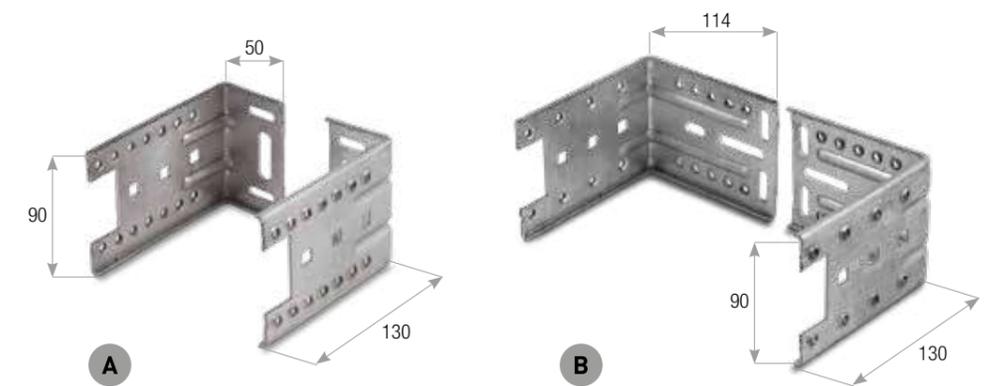
- For SB.2.S/SU.130.XX.
- Material: Zinc-plated steel.



CODE	REDUCTION GEAR HOLE	WIDTH/LENGTH	PIN DIAMETER	MATERIAL	PACKAGING
PM.170.P	53 mm - 65 mm - 75 mm	170x85 mm	12.2 mm	Zinc-plated steel	100 pcs

## STANDARD SUPPORT

- Material: Zinc-plated iron.



CODE		WIDTH/LENGTH	PACKAGING
SU.130.25	A	Standard 130 x 90 x 50 mm	100 pcs
SU.130.50	B	Long standard 130 x 90 x 114 mm	100 pcs

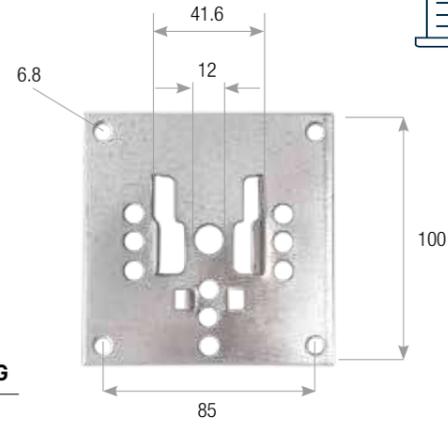
# PLATES

APPLICATION



## For 42 mm ball bearing

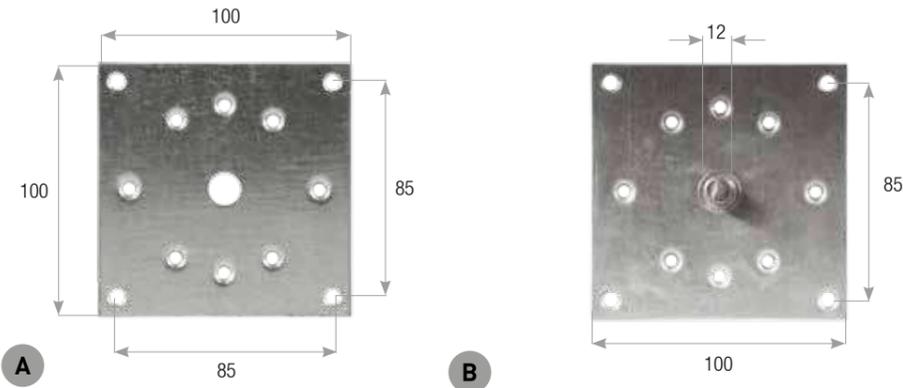
• Material: Zinc-plated steel.



CODE	BALL BEARING	WIDTH/LENGTH	PACKAGING
SM.10.42	42 mm	100x100 mm	100 pcs

## With/without pin

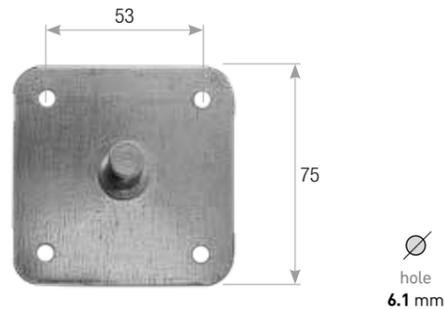
• Material: Zinc-plated iron.



CODE	DESCRIPTION	WIDTH/LENGTH	PIN DIAMETER	PACKAGING
SM.3.10	A Plate without pin	100x100 mm		100 pcs
SM.3.12	B Plate with pin 12 mm	100x100 mm	12 mm	100 pcs

## With 12 pin

• Material: Zinc-plated steel.



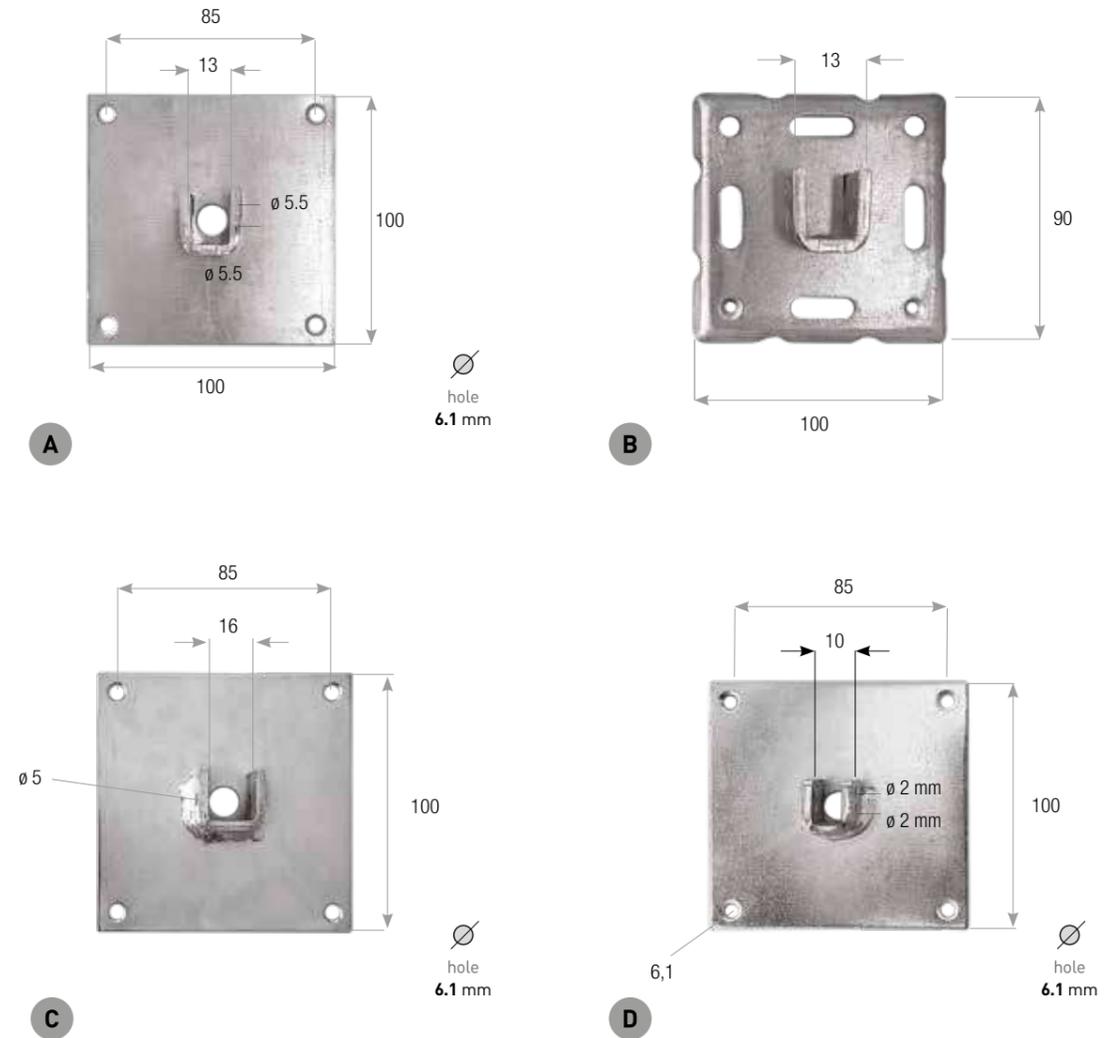
CODE	WIDTH/LENGTH	PIN DIAMETER	FASTENING HOLES	PACKAGING
SM.4.12	75x75 mm	12 mm	round 6.1 mm	100 pcs

# BRACKETS WITH U-SHAPED SUPPORT

APPLICATION



• Material: Zinc-plated steel.



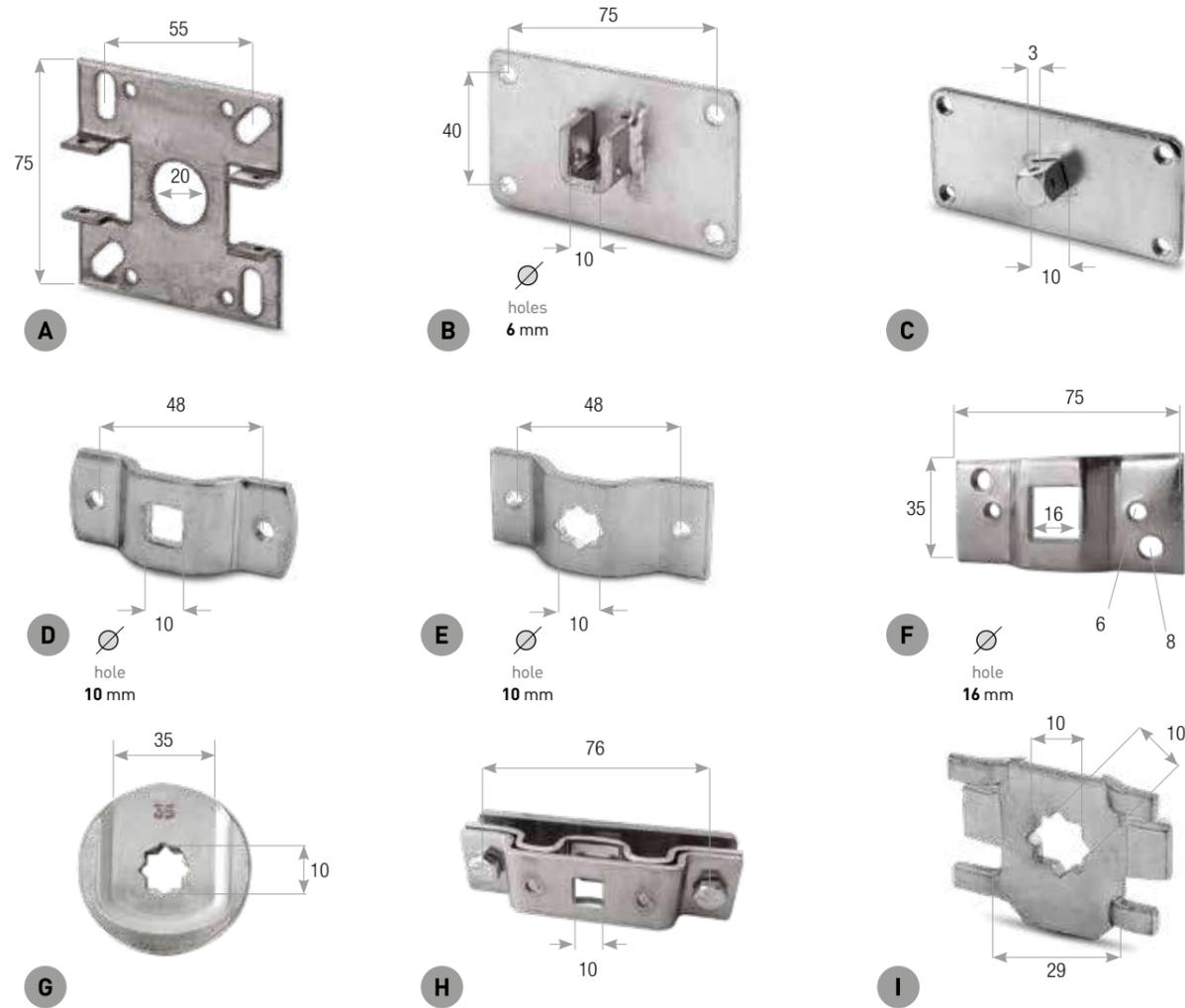
CODE	DESCRIPTION	U-SHAPED SUPPORT	WIDTH/LENGTH	FASTENING HOLES	PACKAGING
SM.1.13	A Plate for assist spring	13 mm	100x100 mm	Ø 6.1 mm	100 pcs
SM.2.13	B Plate for assist spring	13 mm	100x100 mm		100 pcs
SM.1.16	C Bracket with U-shaped support □ 16	16 mm	100x100 mm	Ø 6.1 mm	100 pcs
SM.4.10	D Bracket with U-shaped support □ 10	10 mm	100x100 mm	Ø 6.1 mm	100 pcs

# MOTOR MOUNTING PLATES

APPLICATION



• Material: Zinc-plated steel / zinc-plated iron.



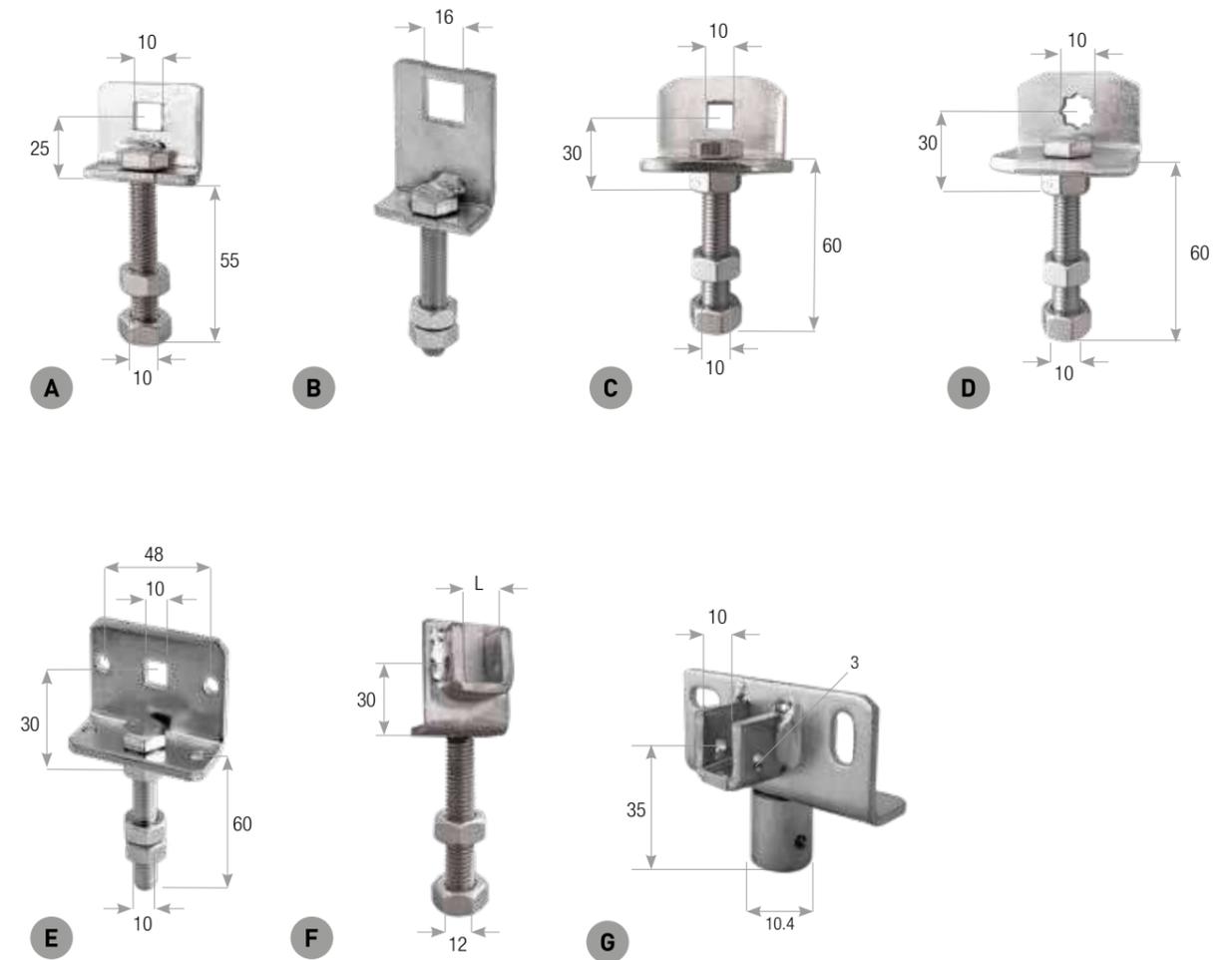
CODE	DESCRIPTION	WIDTH/ LENGTH	HOLE CENTRE DISTANCE	CENTRAL HOLE	MATERIAL	PACKAGING
PM.75.75	A Motor mounting plate	75 x 75 mm	55 mm   55 mm	∅ 20 mm	Zinc-plated steel	100 pcs
PM.0511	B Motor mounting plate	55x88 mm	40 mm   75 mm		Zinc-plated steel	100 pcs
PMI.10	C Inclined motor mounting plate	40 x 85 mm	30 mm   75 mm		Zinc-plated steel	100 pcs
SM.1.10	D 48 mm motor mounting plate	25 x 68 mm	48 mm	□ 10 mm	Zinc-plated steel	100 pcs
SMS.1.10	E 48 mm star-shaped hole motor mounting plate	30 x 62 mm	48 mm	☆ 10 mm	Zinc-plated steel	100 pcs
SM.02.16	F Double size motor mounting plate	35 x 75 mm	48 mm   60 mm	□ 16 mm	Zinc-plated steel	100 pcs
SM.02.10	F Double size motor mounting plate	35 x 75 mm	48 mm   60 mm	□ 10 mm	Zinc-plated steel	100 pcs
TS.34.Q.10	G Removable motor support plate with 10 mm star-shaped hole, compatible with SB.4.11.DX and SB.4.11.SX			☆ 10 mm	Zinc-plated iron	100 pcs
M3P.43.PQ	H Motor mounting plate □ 10 mm	40 x 125 mm	76 mm	□ 10 mm	Zinc-plated steel	100 pcs
SSL.10	I Motor support for wooden support			☆ 10 mm	Zinc-plated iron	100 pcs

# MOTOR SUPPORTS

APPLICATION



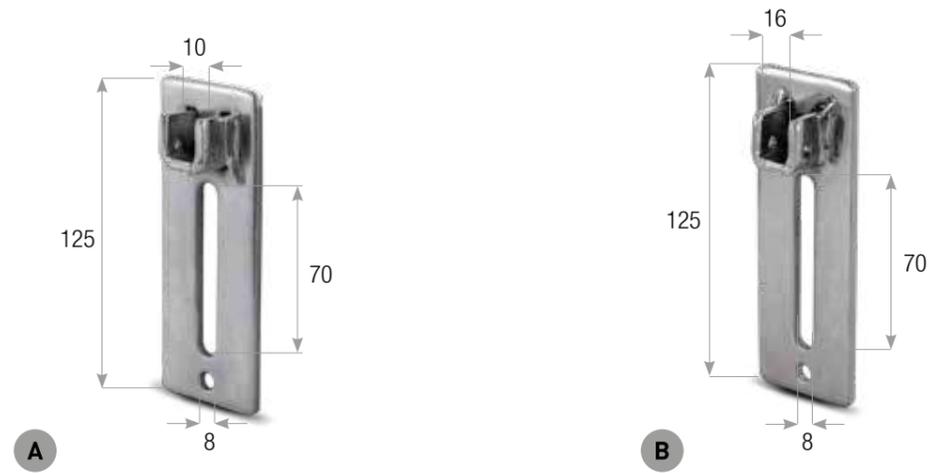
• Material: Zinc-plated iron.



CODE	DESCRIPTION	HOLES	U-SHAPED SUPPORT (L)	PACKAGING
PM.0523	A Motor support with screw hole □ 10 mm	□ 10 mm		100 pcs
PM.0516	B Motor support with screw hole □ 16 mm	□ 16 mm		100 pcs
PMQ.10	C Motor support with screw hole □ 10 mm	□ 10 mm		100 pcs
PMS.10	D Motor support with star-shaped hole screw 10 mm	☆ 10 mm		100 pcs
PMQ.10.48	E Motor support with screw hole □ 10 mm	□ 10 mm		100 pcs
PM.0610	F Motor support with square saddle screw		10 mm	100 pcs
PM.0616	F Motor support with square saddle screw		16 mm	100 pcs
PM.0523F	G Female motor support		10 mm	200 pcs

# MOTOR MOUNTING PLATES

• Material: Zinc-plated steel.



CODE	WIDTH/LENGTH	U-SHAPED SUPPORT	HOLE	PACKAGING
SRM.125	A 40 x 125 mm	10 mm	8 x 70 mm	100 pcs
SRM.125.16	B 40 x 125 mm	16 mm	8 x 70 mm	100 pcs

## APPLICATION



# MOTOR PLATES FOR EASY BOX

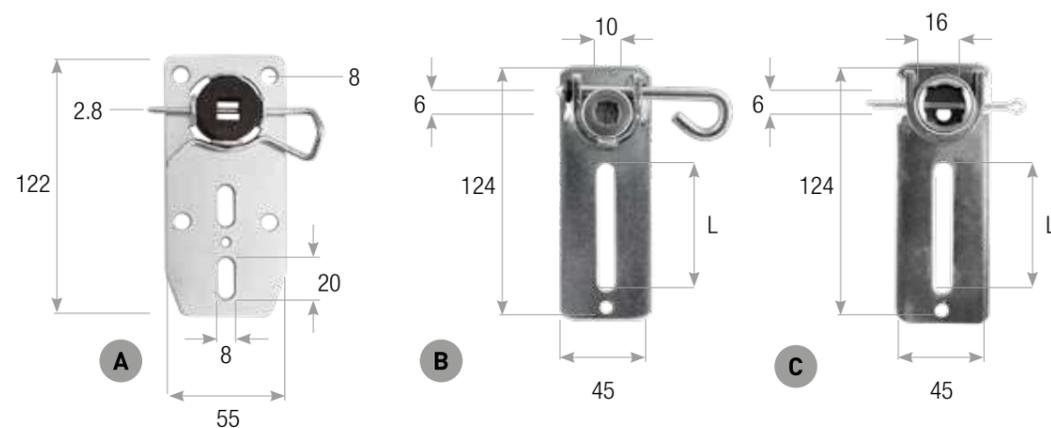
• Material: Zinc-plated iron.  
• Thickness: 5 mm.



CODE	DESCRIPTION	CENTRE DISTANCES	PACKAGING
PM.1392	A 5 mm motor plate	57 mm   122 mm	1 pc
PM.1392E	B 5 mm motor plate - external hole	57 mm   122 mm	1 pc
PM.1392I	C 5 mm motor plate - internal hole	57 mm   122 mm	1 pc

# ADJUSTABLE ROTARY SUPPORT with square release

• Material: Zinc-plated steel.



CODE	WIDTH/LENGTH	UNLOCK	HOLES	PACKAGING
SRB.140	A 45 x 124 mm	□ 10 mm	8 x 20 mm	50 pcs
SRMR.1.10	B 45 x 124 mm	□ 10 mm	8 x 67 mm	50 pcs
SRMR.1.16	C 45 x 124 mm	□ 16 mm	8 x 67 mm	50 pcs

# CONNECTORS FOR OVERRIDE DEVICES



CODE	DESCRIPTION	INTERNAL Ø	EXTERNAL Ø	HEIGHT	Ø PLUG	MATERIAL	PACKAGING
MM.01	A Connector for override devices	8 mm	18 mm	37 mm	4 mm	Stainless steel	100 pcs
MM.02	B Connector with central plug	8 mm	14 mm	55 mm		Zinc-plated iron	100 pcs

# STRAIGHT BRACKET WITH BALL BEARING

APPLICATION



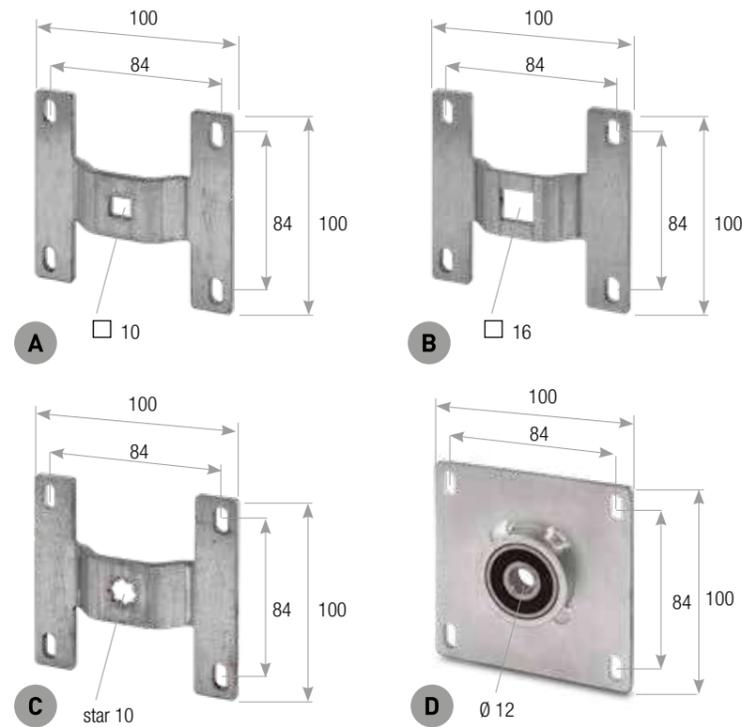
- Material: Zinc-plated iron.
- Removable female ball bearing (see SMF.1.Z page 98).



CODE	WIDTH	THICKNESS	BALL BEARING MATERIAL	PACKAGING
STM.DR	25 mm	5 mm	Nylon	50 pcs

# BRACKETS FOR ARMoured ROLLING SHUTTERS

- Material: Steel.
- Steel thickness: 4 mm.
- Ideal for supporting heavy loads.
- Applicable on standard aluminium side frames or directly on masonry.



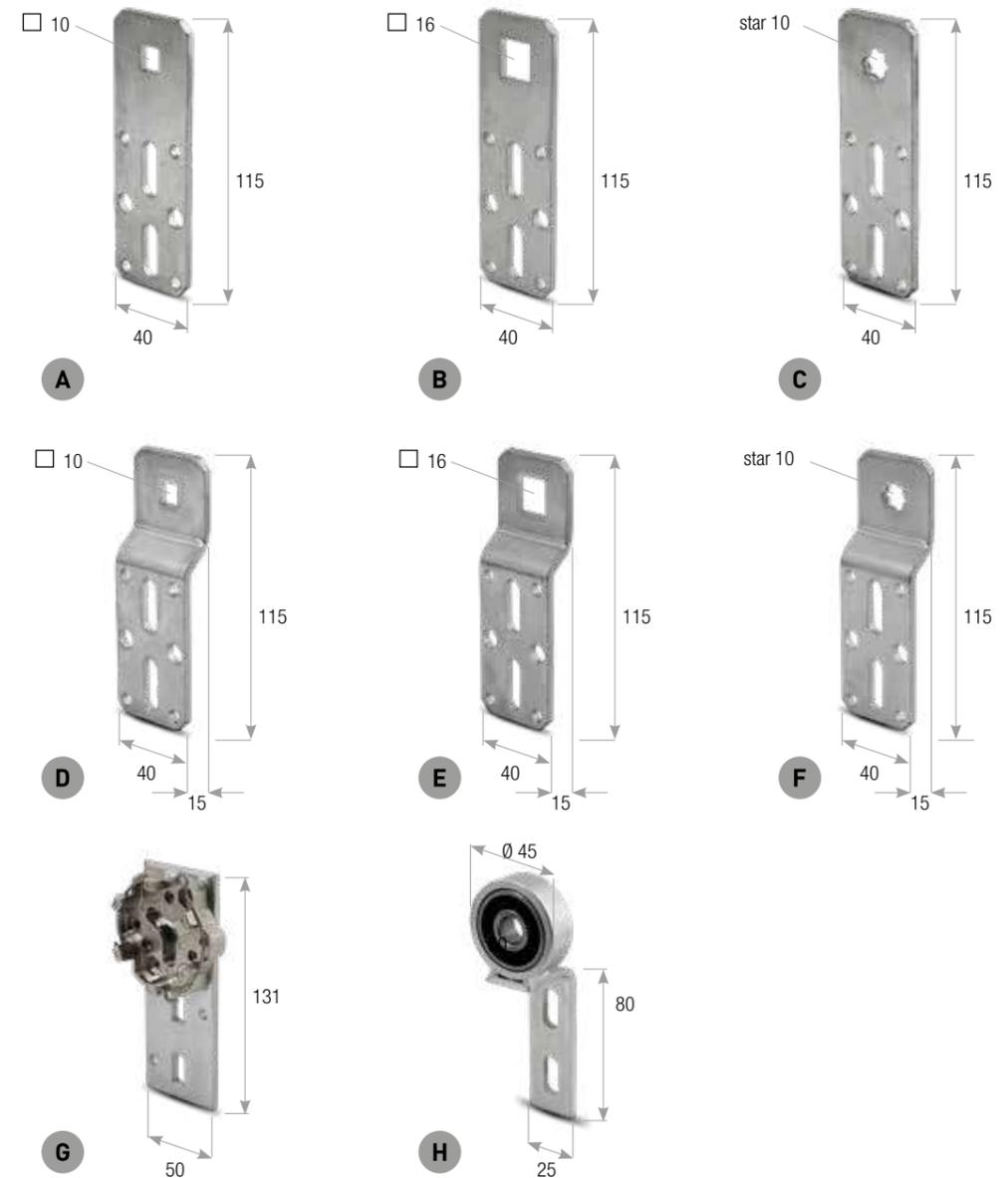
CODE	DESCRIPTION	HOLE	PACKAGING
SM.6.10	A 10 X 10 plate with hole □ 10	□ 10	50 pcs
SM.6.16	B 10 X 10 plate with hole □ 16	□ 16	50 pcs
SMS.6.10	C 10 X 10 plate with star-shaped hole 10	star 10	50 pcs
SMC.6.12	D 10 X 10 plate with ball bearing 37, thickness 12, Ø 12	Ø 12	50 pcs

# BRACKETS FOR ARMoured ROLLING SHUTTERS

APPLICATION



- Material: Steel.
- Steel thickness: 4 mm.
- Ideal for supporting heavy loads.
- Applicable on standard aluminium side frames or directly on masonry.



CODE	DESCRIPTION	HOLE	BEND	PACKAGING
SRM.Q10.DR	A Adjustable motor support, flat	□ 10	-	100 pcs
SRM.Q16.DR	B Adjustable motor support, flat	□ 16	-	100 pcs
SRM.S10.DR	C Adjustable motor support, flat	star 10	-	100 pcs
SRM.Q10	D Adjustable motor support, bend 15	□ 10	15 mm	100 pcs
SRM.Q16	E Adjustable motor support, bend 15	□ 16	15 mm	100 pcs
SRM.S10	F Adjustable motor support, bend 15	star 10	15 mm	100 pcs
SCC.01	G Motor support 50 x 131 thickness 5 mm for star-shaped output pin Cherubini motors			50 pcs
SCR.1.35	H 35 mm roller shutter box support reinforced with 12 ball bearing - 37 x 12			50 pcs

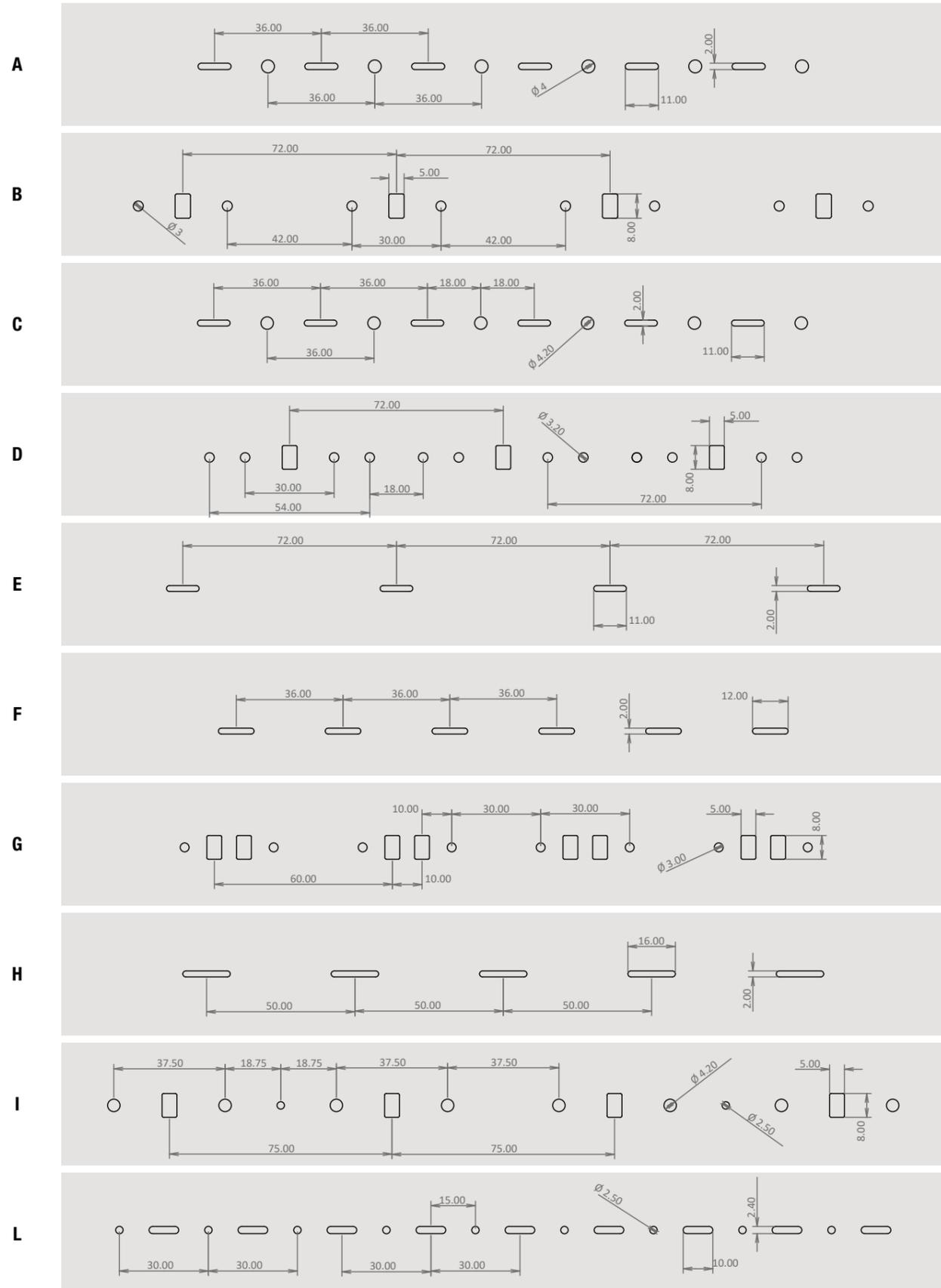


## 6 OCTAGONAL AND TELESCOPIC ROLLS

# AVAILABLE ROLL HOLES

- Contact your sales representative to choose the roll that best suits your needs.
- Standard hole = Hole A + Hole B

## APPLICATION



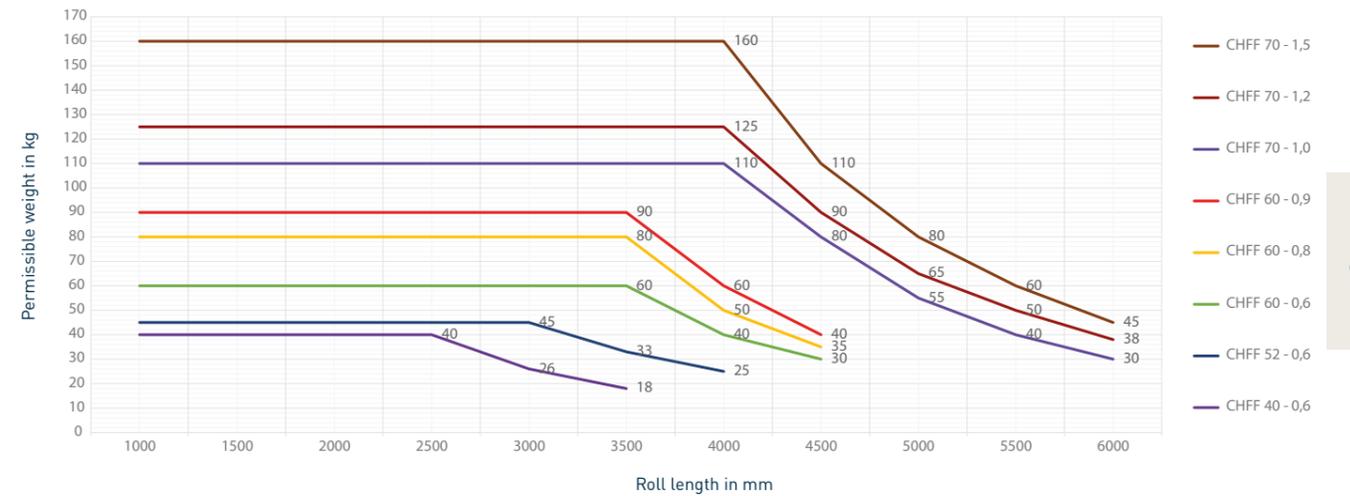
# ROLL STRENGTH

- The graph below shows the theoretical load supported by the rolls based on the length and thickness of the roll.
- The graph shows data for rolls with FF hole.
- The data also applies to other types of hole.

## APPLICATION

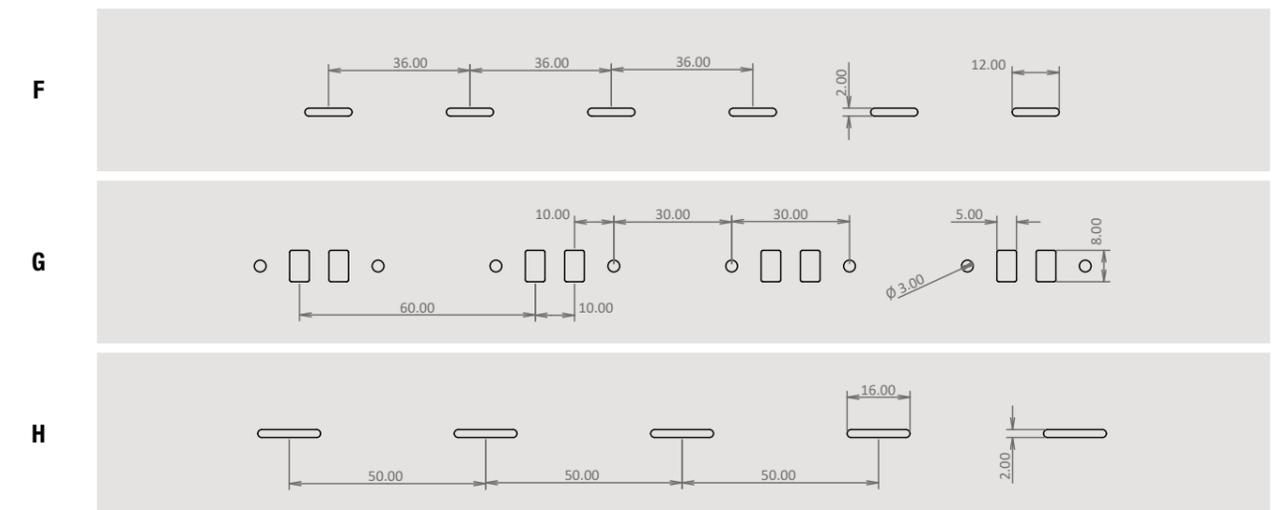


Roll	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000
CHFF 70 - 1,5	160	160	160	160	160	160	160	110	80	60	45
CHFF 70 - 1,2	125	125	125	125	125	125	125	90	65	50	38
CHFF 70 - 1,0	110	110	110	110	110	110	110	80	55	40	30
CHFF 60 - 0,9	90	90	90	90	90	90	60	40			
CHFF 60 - 0,8	80	80	80	80	80	80	50	35			
CHFF 60 - 0,6	60	60	60	60	60	60	40	30			
CHFF 52 - 0,6	45	45	45	45	45	33	25				
CHFF 40 - 0,6	40	40	40	40	26	18					



## FF hole

- FF hole = Hole F + Hole G + Hole H



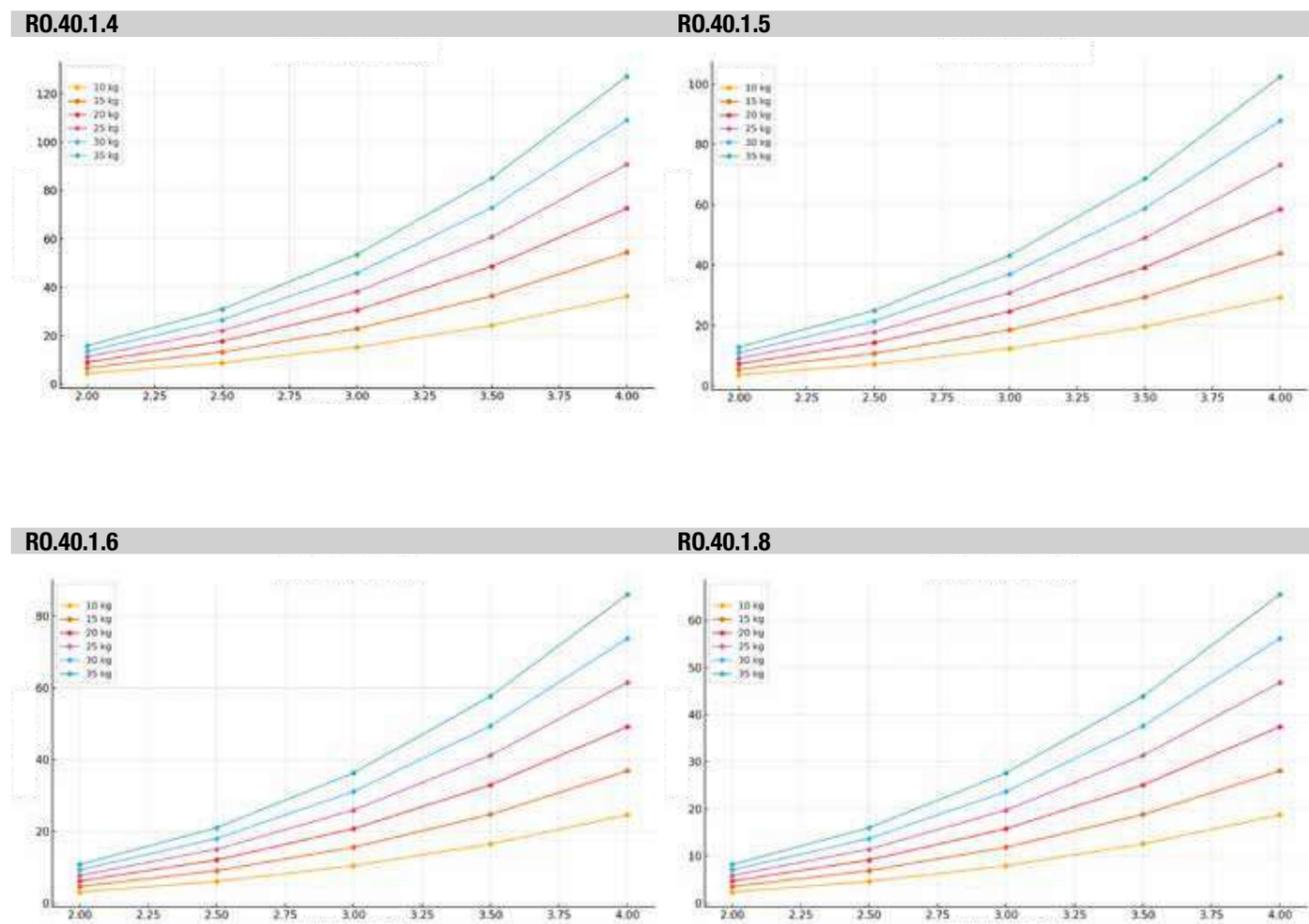
# 40 OCTAGONAL ROLL 40 mm

- Material: Zinc-plated steel.
- Bar length: 6 m
- Various types of hole available (see diagram on page 122).

APPLICATION



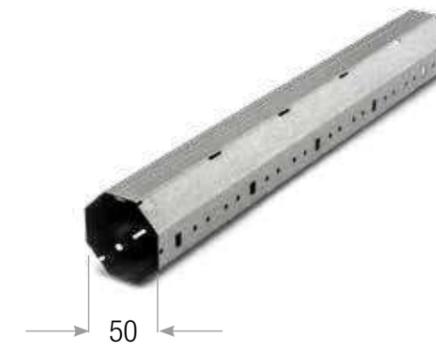
CODE	THICKNESS	HOLE	PACKAGING
<b>RO.40.1.4</b>	4/10 mm	Standard	144 pcs
<b>RO.40.1.5</b>	5/10 mm	Standard	144 pcs
<b>RO.40.1.6</b>	6/10 mm	Standard	144 pcs
<b>RO.40.1.7</b>	7/10 mm	Standard	144 pcs
<b>RO.40.1.8</b>	8/10 mm	Standard	144 pcs



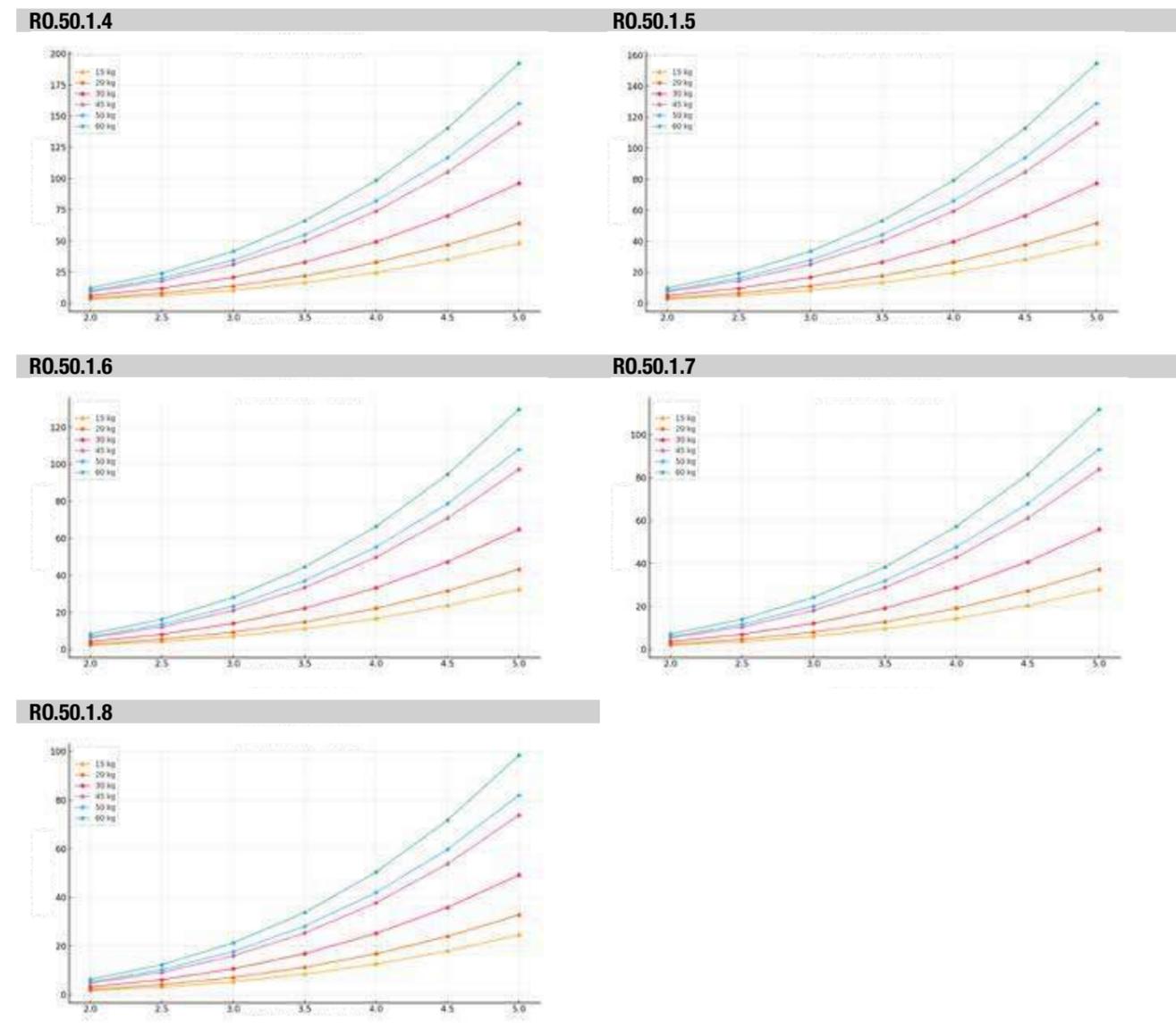
# 50 OCTAGONAL ROLL 50 mm

- Material: Zinc-plated steel.
- Bar length: 6 m
- Various types of hole available (see diagram on page 122).

APPLICATION



CODE	THICKNESS	HOLE	PACKAGING
<b>RO.50.1.4</b>	4/10 mm	Standard	81 pcs
<b>RO.50.1.5</b>	5/10 mm	Standard	81 pcs
<b>RO.50.1.6</b>	6/10 mm	Standard	81 pcs
<b>RO.50.1.7</b>	7/10 mm	Standard	81 pcs
<b>RO.50.1.8</b>	8/10 mm	Standard	81 pcs



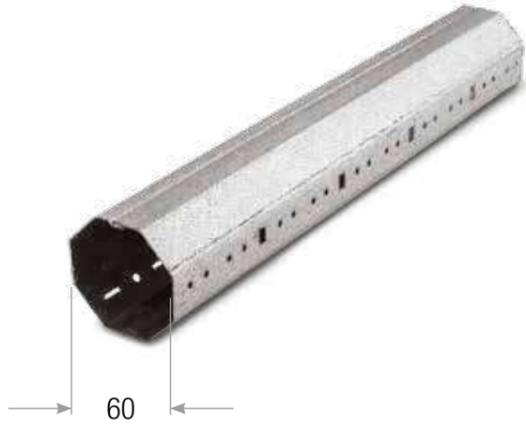
# 60 OCTAGONAL ROLL 60 mm

APPLICATION

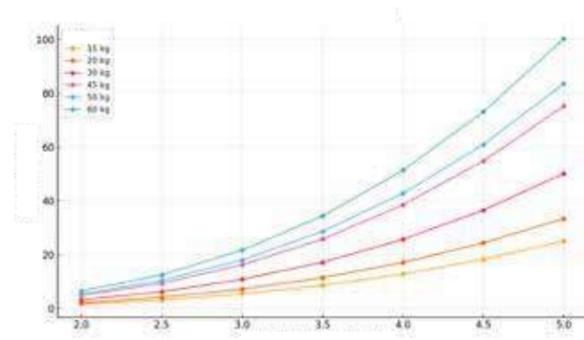
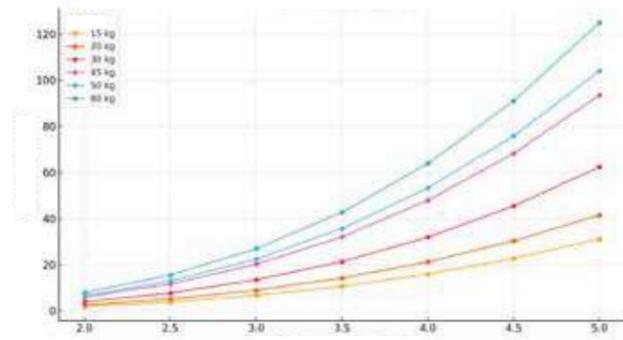


- Material: Zinc-plated steel.
- Bar length: 6 m
- Various types of hole available (see diagram on page 122).

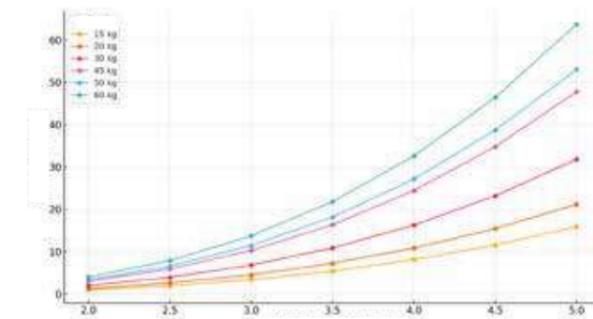
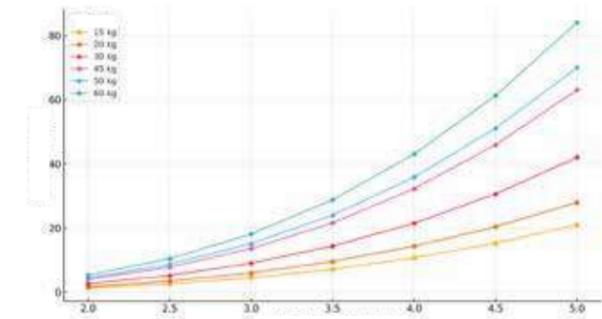
CODE	THICKNESS	HOLE	PACKAGING
ROI.60.1.4	4/10 mm	Standard	64 pcs
ROI.60.1.5	5/10 mm	Standard	64 pcs
ROI.60.1.6	6/10 mm	Standard	64 pcs
ROI.60.1.7	7/10 mm	Standard	64 pcs
ROI.60.1.8	8/10 mm	Standard	64 pcs
ROI.60.1.9	9/10 mm	Standard	64 pcs
ROI.60.1.10	10/10 mm	Standard	64 pcs



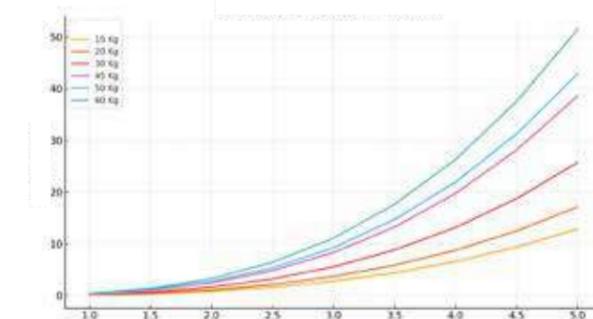
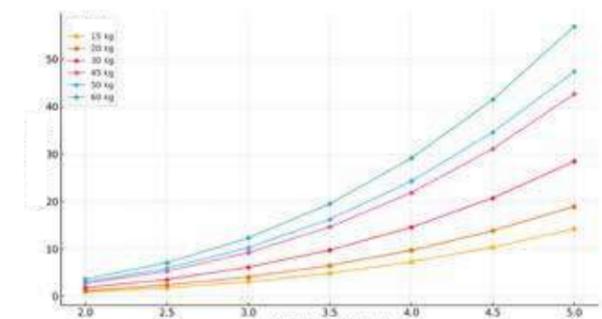
ROI.60.1.4 ROI.60.1.5



ROI.60.1.6 ROI.60.1.8



ROI.60.1.9 ROI.60.1.10



# 70 OCTAGONAL ROLL 70 mm

APPLICATION

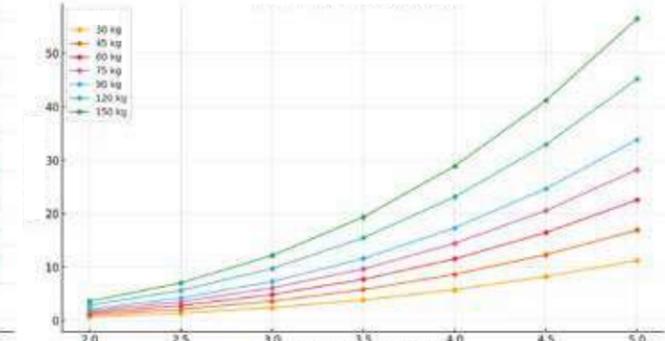
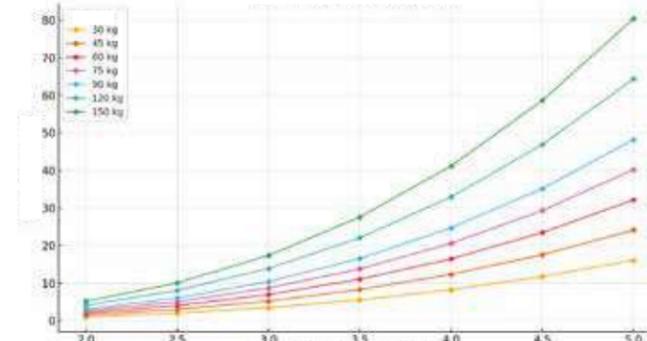


- Material: Zinc-plated steel.
- Bar length: 6 m
- Various types of hole available (see diagram on page 122).

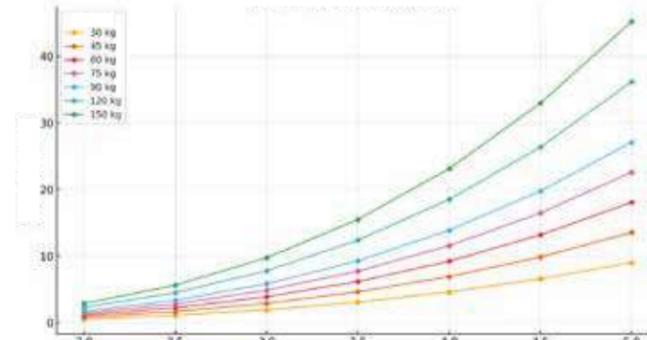
CODE	THICKNESS	HOLE	PACKAGING
ROI.70.1.10	10/10 mm	Standard	49 pcs
ROI.70.1.12	12/10 mm	Standard	49 pcs
ROI.70.1.15	15/10 mm	Standard	49 pcs



ROI.70.1.10 ROI.70.1.12



ROI.70.1.15



# 102 OCTAGONAL ROLL 102 mm

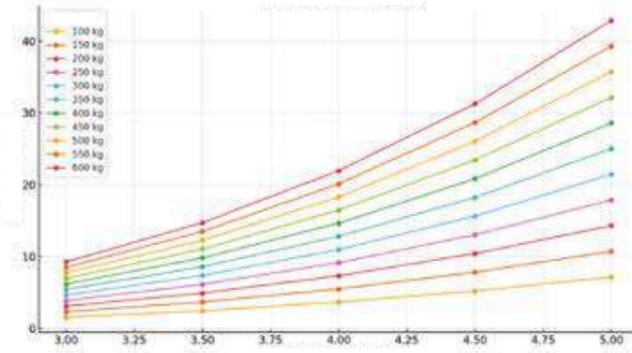
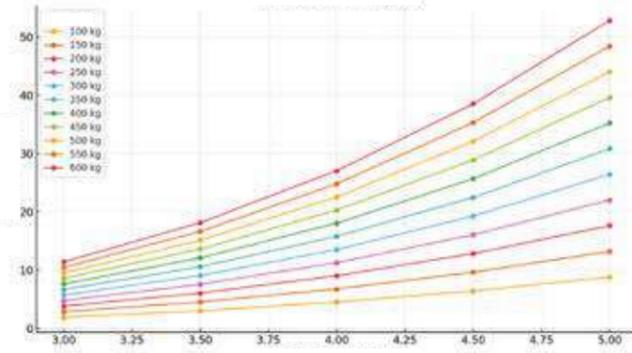
- Material: Zinc-plated steel.
- Bar length: 6 m
- Various types of hole available (see diagram on page 122).



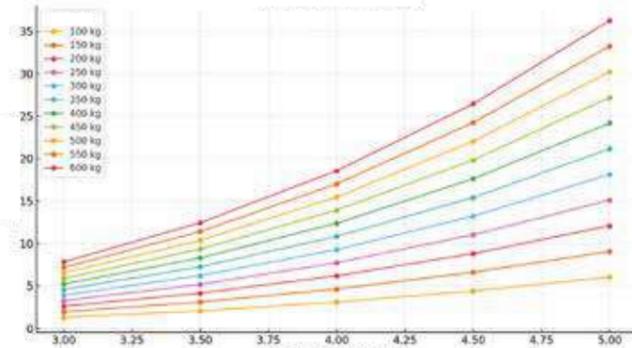
CODE	THICKNESS	HOLE	PACKAGING
RO.102.1.20	20/10 mm	3 mm - 4 mm	25 pcs
RO.102.1.25	25/10 mm	3 mm - 4 mm	25 pcs
RO.102.1.30	30/10 mm	3 mm - 4 mm	25 pcs

RO.102.1.20

RO.102.1.25



RO.102.1.30



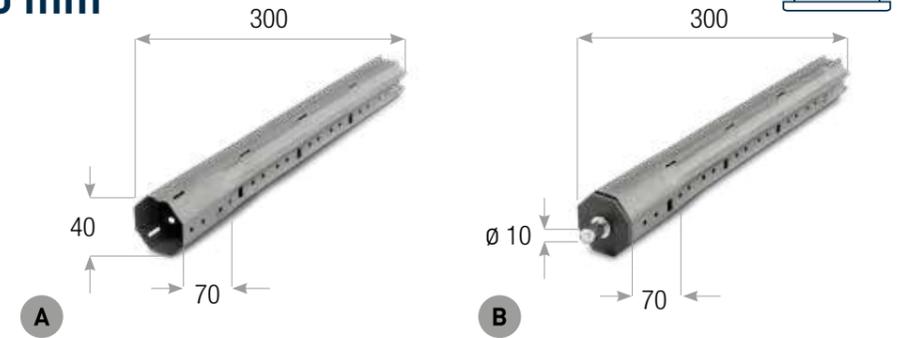
## APPLICATION

# TELESCOPIC ROLLS

## APPLICATION

## 40 Octagonal 40 mm

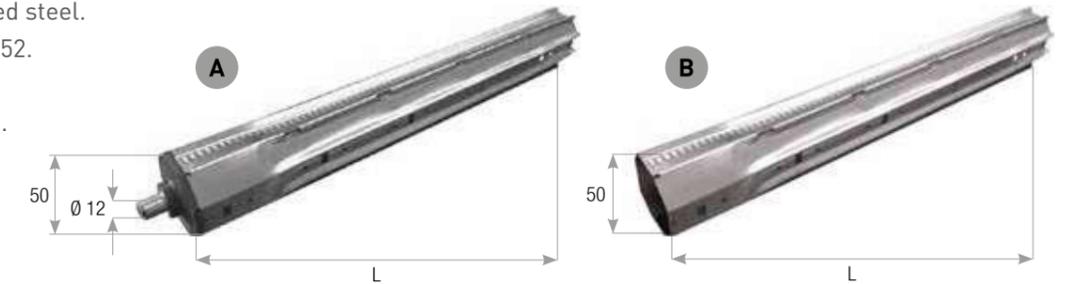
- Material: Zinc-plated steel.
- Section: Octagonal 40.
- Bar length: 300 mm.
- Insertion: 200 mm.
- Safety limit: 45 mm.



CODE	DESCRIPTION	THICKNESS	CAP	PIN	PACKAGING
RTS.40.30	A Telescopic roll $\varnothing$ 40 mm	6/10 mm	without cap		40 pcs
RTE.40.30	B Telescopic roll with plastic cap $\varnothing$ 40 mm	6/10 mm	70 mm	10 mm	40 pcs

## 50 Octagonal 52 mm

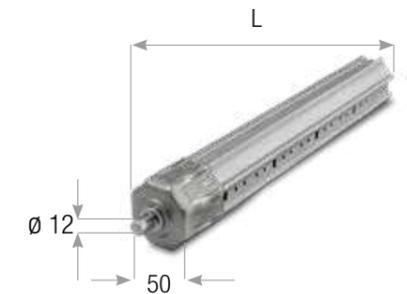
- Material: Zinc-plated steel.
- Section: Octagonal 52.
- Insertion: 200 mm.
- Safety limit: 45 mm.



CODE	THICKNESS	BAR LENGTH L	CAP	PIN	PACKAGING
R.TE.50.35	A 6/10 mm	350 mm	50 mm	12 mm	40 pcs
R.TE.50.50	A 6/10 mm	500 mm	50 mm	12 mm	40 pcs
R.TS.50.35	B 6/10 mm	350 mm	without cap		40 pcs
R.TS.50.50	B 6/10 mm	500 mm	without cap		40 pcs

## 60 Octagonal 60 mm, with iron cap

- Material: Zinc-plated steel.
- Safety limit: 45 mm.



CODE	THICKNESS	BAR LENGTH L	CAP	PIN	PACKAGING
R.TE.35	6/10 mm	350 mm	50 mm	12 mm	70 pcs
R.TE.50	6/10 mm	500 mm	50 mm	12 mm	35 pcs
R.TE.9.35	9/10 mm	350 mm	50 mm	12 mm	70 pcs
R.TE.9.50	9/10 mm	500 mm	50 mm	12 mm	35 pcs

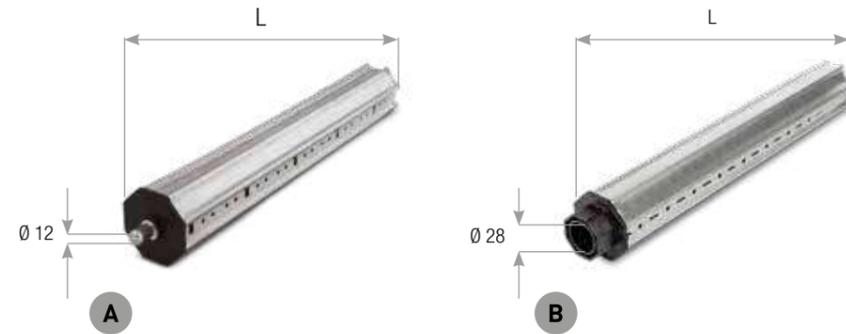
# TELESCOPIC ROLLS

APPLICATION



## 60 Octagonal 60 mm, with plastic cap

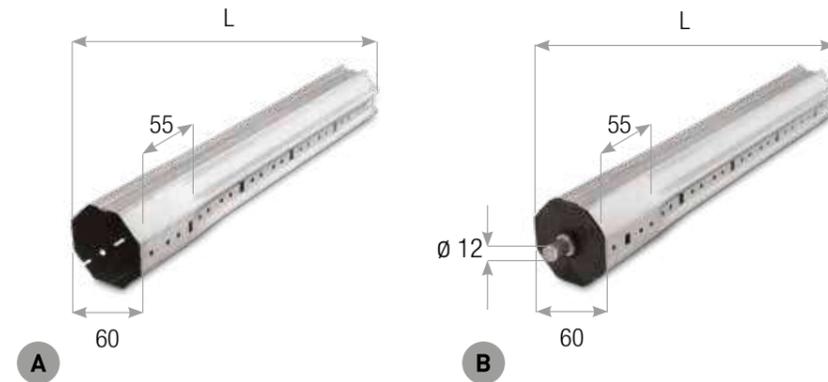
- Material: Zinc-plated steel.
- Safety limit: 45 mm.



CODE		THICKNESS	BAR LENGTH L	CAP	PIN	BALL BEARING	PACKAGING
R.TP.35	A	5/10 mm	350 mm	55 mm	Ø 12 mm		35 pcs
R.TP.50	A	5/10 mm	500 mm	55 mm	Ø 12 mm		35 pcs
R.TPC.35	B	5/10 mm	350 mm	55 mm		Ø 28 mm	35 pcs
R.TPC.50	B	5/10 mm	500 mm	55 mm		Ø 28 mm	35 pcs

## 60 Octagonal 60 mm, with plastic cap

- Material: Zinc-plated steel.
- Safety limit: 45 mm.



CODE		DESCRIPTION	THICKNESS	BAR LENGTH L	CAP	PIN	PACKAGING
R.TS.60.35	A		6/10 mm	350 mm	60 mm		30 pcs
R.TS.60.50	A		6/10 mm	500 mm	60 mm		30 pcs
R.TS.60.9.35	A		9/10 mm	350 mm	60 mm		30 pcs
R.TS.60.9.50	A		9/10 mm	500 mm	60 mm		30 pcs
R.TE.60.35	B	With plastic cap	6/10 mm	350 mm	60 mm	12 mm	30 pcs
R.TE.60.50	B	With plastic cap	6/10 mm	500 mm	60 mm	12 mm	30 pcs
R.TE.60.9.35	B	With plastic cap	9/10 mm	350 mm	60 mm	12 mm	30 pcs
R.TE.60.9.50	B	With plastic cap	9/10 mm	500 mm	60 mm	12 mm	30 pcs

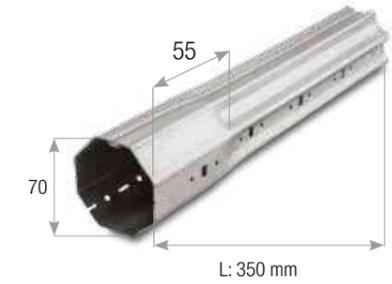
# TELESCOPIC ROLLS

APPLICATION



## 70 Octagonal 70 mm, thickness 10/10

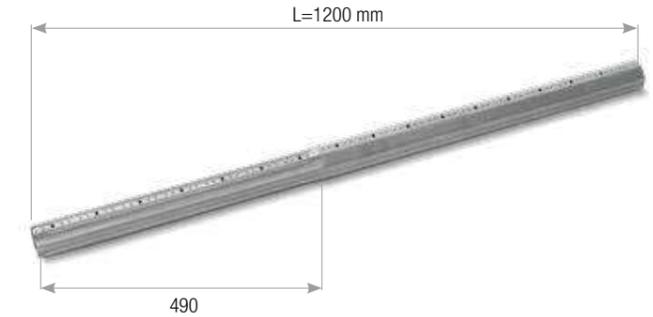
- Material: Zinc-plated steel.
- Bar length: 350 mm.
- Safety limit: 50 mm.
- Locking safety: screw between roll and telescopic roll.



CODE	THICKNESS	FOR ROLL	PACKAGING
R.TS.70.10.35	10/10 mm	10/10 mm	20 pcs
R.TS.70.12.35	10/10 mm	12/10 mm	20 pcs
R.TS.70.15.35	10/10 mm	15/10 mm	20 pcs

## 60 Octagonal 60 mm

- Material: Zinc-plated steel.
- Bar length: 1200 mm.
- Safety limit: 50 mm.
- Locking safety: screw between roll and telescopic roll.



CODE	THICKNESS	BAR LENGTH L	OCTAGONAL SECTION LENGTH	USABLE LIMIT	FOR ROLL	PACKAGING
R.TS.60.120	8/10 mm	1200 mm	710 mm	420 mm	60 mm 8/10	40 pcs

## Telescopic kit for motor

- Code: KIT.TM.2



### Kit components:

CODE	DESCRIPTION	QUANTITY	PAGE
ROI.60.120.8	Octagonal roll 60 mm, L=120 cm, thickness 8/10	no.1	page 126
R.TS.60.120	Octagonal telescopic roll 60 mm, L=120 cm, thickness 8/10	no.1	page 131
MVT.2190	MAXI safety spring with slotted head	no.3	page 137
CMP.01	Plastic spring cover	no.3	page 139
KP.60.RT	Adjustable cap round pin	no.1	page 92
PL.1	Ball bearing round bracket 40 mm	no.1	page 103
CE.40.12	40 mm Nylon ball bearing	no.1	page 96

# ASSIST SPRINGS

## direct action

- Harmonic steel wire.
- ABS plastic.



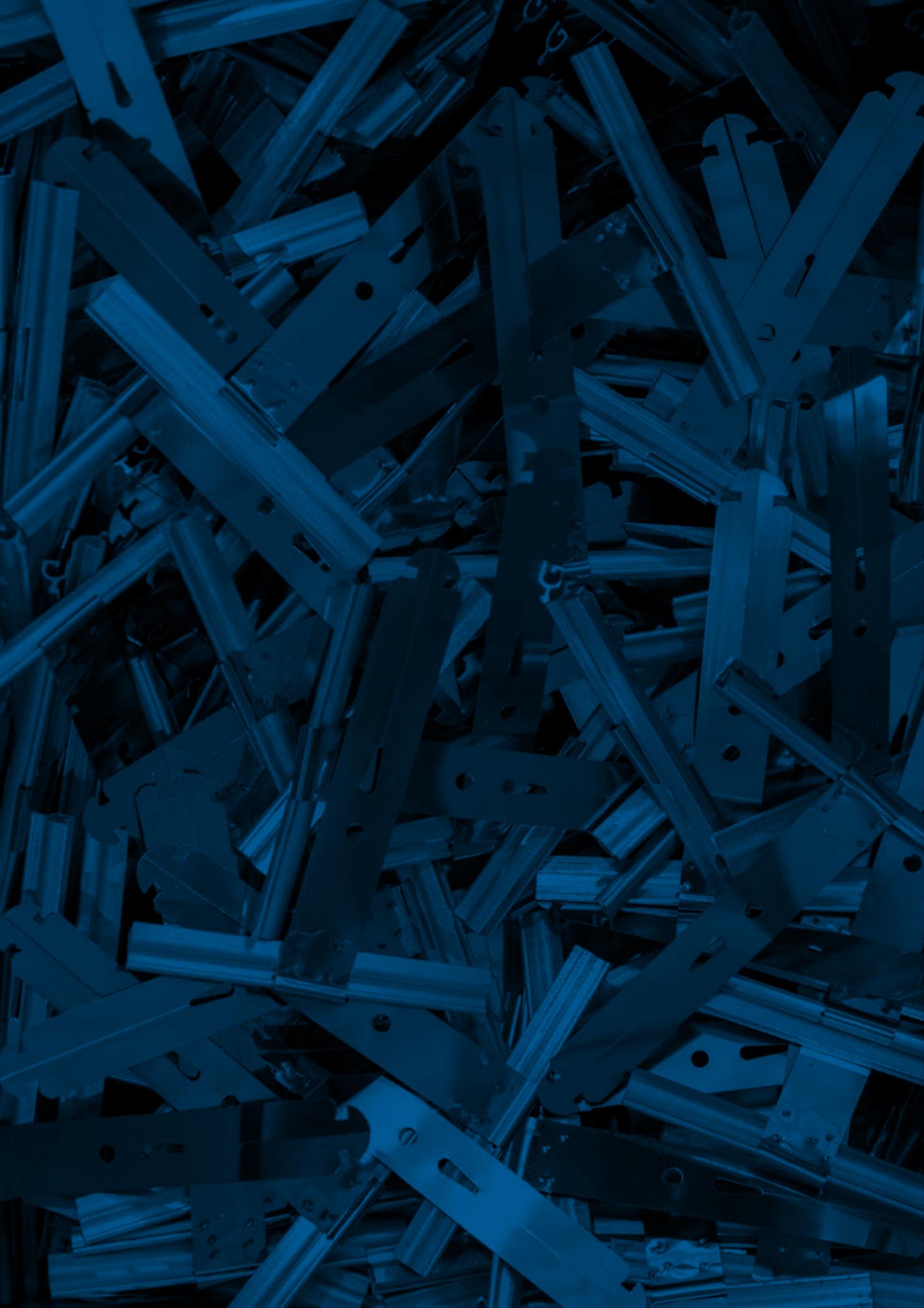
APPLICATION



APPLICATION



CODE	DESCRIPTION	WIRE	NO. OF COILS	TOTAL LENGTH L	TORQUE	URNS	KG	PACKAGING
<b>MO.40.10</b>	For roll 40	2.6 mm	155	600 mm	0.28 kgm	11	10	10 pcs
<b>MO.40.24</b>	For roll 40	3 mm	180	760 mm	0.70 kgm	18	24	10 pcs
<b>MO.60.15</b>	For roll 60	3.5 mm	125	650 mm	0.68 kgm	10	15	10 pcs
<b>MO.60.24</b>	For roll 60	4 mm	160	650 mm	0.98 kgm	12	24	10 pcs
<b>MO.60.33</b>	For roll 60	4.5 mm	180	1030 mm	1.4 kgm	13	33	10 pcs
<b>MO.60.34</b>	For roll 60	4.5 mm	180	930 mm	1.6 kgm	12	34	10 pcs
<b>MO.60.62</b>	For roll 60	5 mm	140	940 mm	2.9 kgm	13	62	10 pcs
<b>MO.70.56</b>	For roll 70	5 mm	140	940 mm	2.1 kgm	13	56	10 pcs
<b>MO.70.100</b>	For roll 70	6 mm	133	1030 mm	5 kgm	10	100	10 pcs



## 7 SAFETY SYSTEMS

# MINI SAFETY SPRING

• Material: Stainless steel + Aluminium.

## Slotted head

CODE	LENGTH	FINISH	PACKAGING
<b>MGT.1130</b>	130 mm	rough	500 pcs
<b>MVT.1130</b>	130 mm	painted	500 pcs
<b>MGT.1170</b>	170 mm	rough	500 pcs
<b>MVT.1170</b>	170 mm	painted	500 pcs

## Flocked slotted head

CODE	DESCRIPTION	LENGTH	PACKAGING
<b>MFT.1130</b>	MINI slotted head	130 mm	500 pcs
<b>MFT.1170</b>	MINI slotted head	170 mm	500 pcs
<b>MFT.2170</b>	MAXI slotted head	170 mm	500 pcs
<b>MFT.2190</b>	MAXI slotted head	190 mm	500 pcs

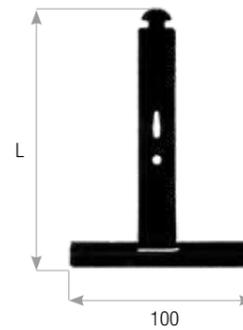
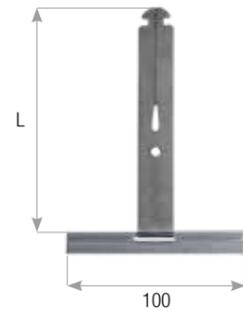
## Head with holes

CODE	LENGTH	FINISH	PACKAGING
<b>MGF.1130</b>	130 mm	rough	500 pcs
<b>MVF.1130</b>	130 mm	painted	500 pcs
<b>MFF.1130</b>	130 mm	flocked	500 pcs
<b>MGF.1170</b>	170 mm	rough	500 pcs
<b>MVF.1170</b>	170 mm	painted	500 pcs
<b>MFF.1170</b>	170 mm	flocked	500 pcs

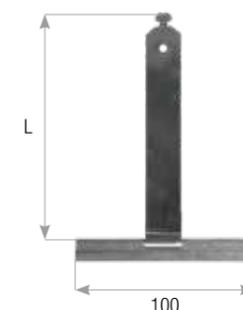
## Hammer head

CODE	LENGTH	FINISH	PACKAGING
<b>MGM.1130</b>	130 mm	rough	500 pcs
<b>MVM.1130</b>	130 mm	painted	500 pcs
<b>MGM.1170</b>	170 mm	rough	500 pcs
<b>MVM.1170</b>	170 mm	painted	500 pcs

### APPLICATION



double flocking



# MAXI SAFETY SPRING

• Material: Stainless steel + Aluminium.

## Slotted head

CODE	LENGTH	FINISH	PACKAGING
<b>MGT.2170</b>	170 mm	rough	500 pcs
<b>MVT.2170</b>	170 mm	painted	500 pcs
<b>MGT.2190</b>	190 mm	rough	500 pcs
<b>MVT.2190</b>	190 mm	painted	500 pcs

## Head with holes

CODE	LENGTH	FINISH	PACKAGING
<b>MGF.2170</b>	170 mm	rough	500 pcs
<b>MVF.2170</b>	170 mm	painted	500 pcs
<b>MFF.2170</b>	170 mm	flocked	500 pcs
<b>MGF.2190</b>	190 mm	rough	500 pcs
<b>MVF.2190</b>	190 mm	painted	500 pcs
<b>MFF.2190</b>	190 mm	flocked	500 pcs

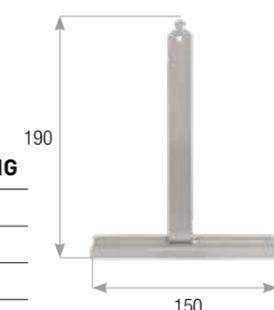
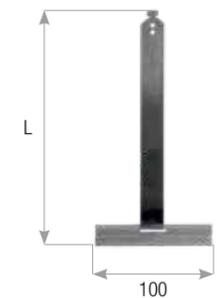
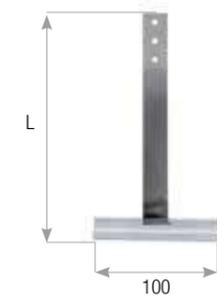
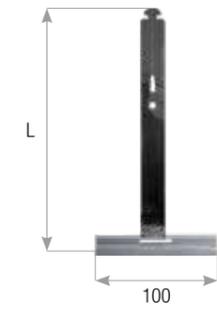
## Hammer head

CODE	LENGTH	FINISH	PACKAGING
<b>MGM.2170</b>	170 mm	rough	500 pcs
<b>MVM.2170</b>	170 mm	painted	500 pcs
<b>MGM.2190</b>	190 mm	rough	500 pcs
<b>MVM.2190</b>	190 mm	painted	500 pcs

## Width 150 mm

CODE	DESCRIPTION	LENGTH	FINISH	PACKAGING
<b>MGM.2190.150</b>	Hammer head	190 mm	rough	500 pcs
<b>MGT.2190.150</b>	Slotted head	190 mm	rough	500 pcs
<b>MVM.2190.150</b>	Hammer head	190 mm	painted	500 pcs
<b>MVT.2190.150</b>	Slotted head	190 mm	painted	500 pcs

### APPLICATION



# ABS SAFETY SPRING

## MINI safety spring

- Material: Stainless steel + ABS.

CODE	DESCRIPTION	LENGTH	PACKAGING
MPT.1130	Slotted head	130 mm	500 pcs
MPM.1130	Hammer head	130 mm	500 pcs
MPF.1130	Head with holes	130 mm	500 pcs
MPT.1170	Slotted head	170 mm	500 pcs
MPM.1170	Hammer head	170 mm	500 pcs
MPF.1170	Head with holes	170 mm	500 pcs

## MAXI safety spring

- Material: Stainless steel + ABS.

CODE	DESCRIPTION	LENGTH	PACKAGING
MP2T.2170	Slotted head	170 mm	500 pcs
MP2M.2170	Hammer head	170 mm	500 pcs
MP2T.2190	Slotted head	190 mm	500 pcs
MP2M.2190	Hammer head	190 mm	500 pcs

## SAFETY SPRING for PVC profiles

- Material: Stainless steel + Aluminium.

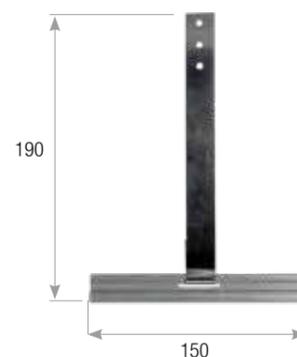
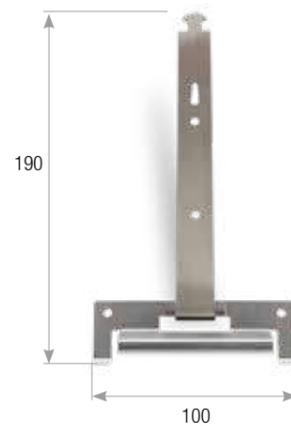
CODE	WIDTH	LENGTH	PACKAGING
MGM.G170	100 mm	190 mm	500 pcs

## SAFETY SPRING 190 mm with holes

- Material: Stainless steel + Aluminium.
- For 77 mm aluminium profile.

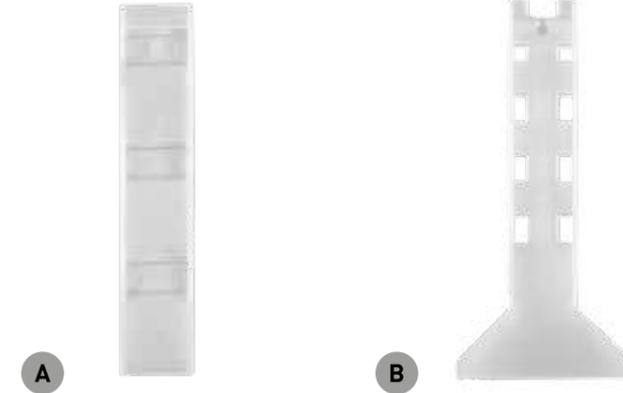
CODE	WIDTH	LENGTH	PACKAGING
MGF.3190	150 mm	190 mm	50 pcs

### APPLICATION



# PLASTIC SPRING COVER

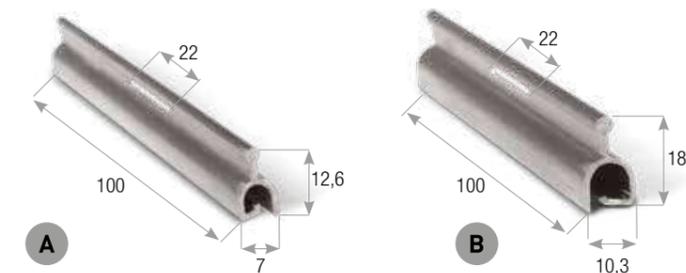
### APPLICATION



CODE	DESCRIPTION	PACKAGING
CMP.01	A Plastic spring cover	500 pcs
CMP.02	B MAXI plastic spring cover	500 pcs

## SAFETY PROFILES 100 mm with slot

- Material: Aluminium.
- For cut tape CT.40.

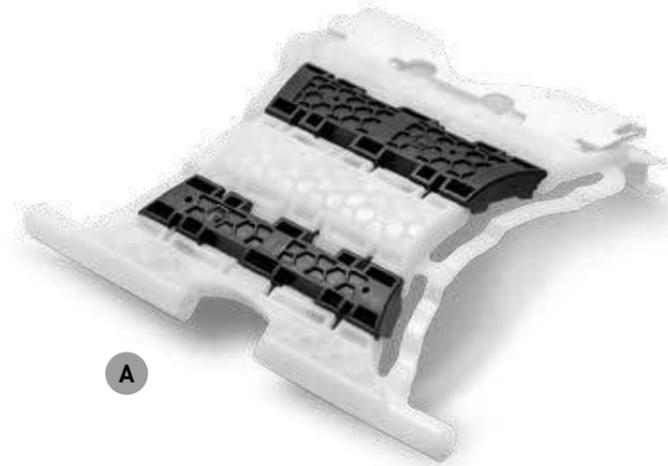


CODE	DESCRIPTION	WIDTH	LENGTH	HEIGHT	SLOT	PACKAGING
P.1.100	A Mini	7 mm	100 mm	12.6 mm	22 mm	500 pcs
P.2.100	B Maxi	10.3 mm	100 mm	18 mm	22 mm	500 pcs

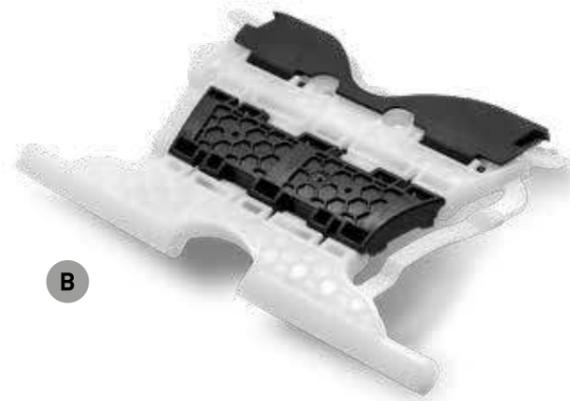
# SAFETY STOPS rolls with FF hole

- Quick installation with snap-on fastening and locking clips.
- Quick release by pressing on the clips to facilitate maintenance operations.
- Available with different fastening methods for maximum compatibility.
- Tested with all Cherubini Mi-Metal rolls with FF hole.
- Available in 2 sizes, mini system and traditional system.
- Applicable on rolls with diameters of 40, 50 and 60.

## APPLICATION



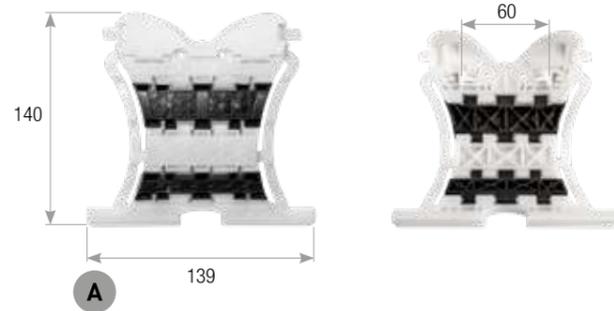
A



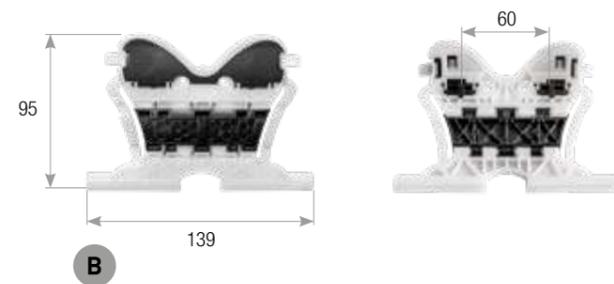
B



C



A



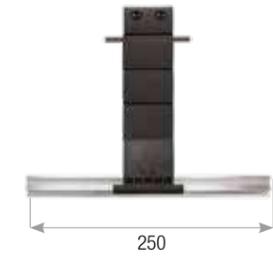
B

CODE	DESCRIPTION	PACKAGING
721505	A Clip safety stop - 2 links	500 pcs
721508	B Clip safety stop - 1 link	500 pcs
721509	C Extension for clip safety stop - transition from 2 to 3 links	500 pcs
721500	Tool for clip safety stop closure, blade adaptor 8/14	500 pcs

# SYSTEM TANK

## System Tank

## APPLICATION



CODE	WIDTH	NO. OF ELEMENTS	MATERIAL	PACKAGING
ST.2.3	250 mm	3	Nylon	75 pcs
ST.2.4	250 mm	4	Nylon	50 pcs

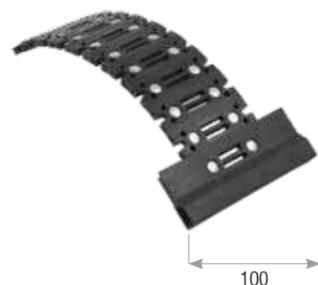
## Adapter ring for System Tank

- For CT.42.FE ball bearing



CODE	EXTERNAL PROFILE D	INTERNAL PROFILE L	THICKNESS	MATERIAL	PACKAGING
AA.60	∅ 88 mm	Octagonal 60	14 mm	Nylon	100 pcs
AA.70	∅ 104 mm	Octagonal 70	14 mm	Nylon	100 pcs

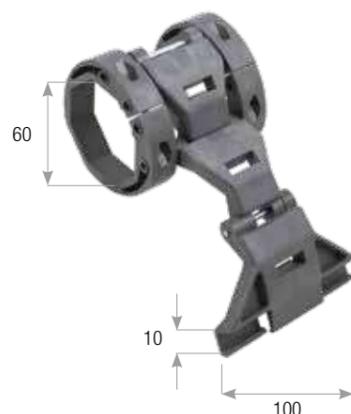
# SECURE TANK



CODE	WIDTH	NO. OF ELEMENTS	MATERIAL	PACKAGING
ST.1.7	100 mm	7	Nylon	25 pcs
ST.1.10	100 mm	10	Nylon	25 pcs

# 3/4 ELEMENT TANK

## Tank



CODE	DESCRIPTION	NO. OF ELEMENTS	INTERNAL PROFILE L	MATERIAL	PACKAGING
STG.1.3	With rings	3	Octagonal 60	Nylon	25 pcs
STG.1.4	With rings	4	Octagonal 60	Nylon	25 pcs
STP.1.2	Without rings	2		Nylon	25 pcs
STP.1.3	Without rings	3		Nylon	25 pcs

## Adapter ring for Tank

• For STG and STP tanks.



CODE	DESCRIPTION	EXTERNAL PROFILE D	INTERNAL PROFILE L	MATERIAL	PACKAGING
AA.60.STG	for STG.1.3 and STG.1.4 tanks	∅ 80 mm	Octagonal 60	Nylon	100 pcs
AA.70.STG	for STG.1.3 and STG.1.4 tanks	∅ 90 mm	Octagonal 70	Nylon	100 pcs
AA.60.STPA	for STP.1.2 and STG.1.3 tanks	∅ 80 mm	Octagonal 60	Nylon	100 pcs
AA.70.STPA	for STP.1.2 and STG.1.3 tanks	∅ 90 mm	Octagonal 70	Nylon	100 pcs

### APPLICATION

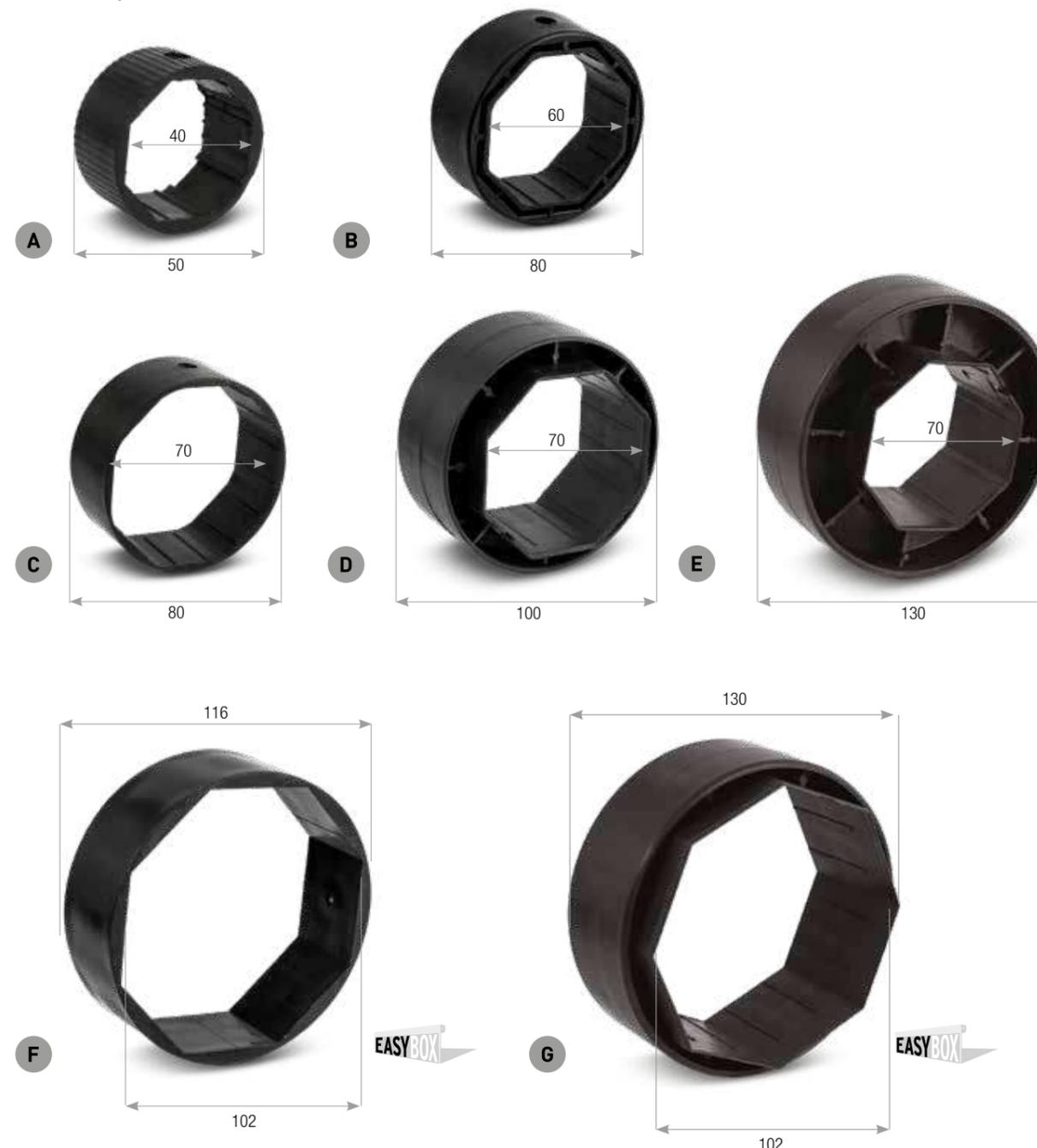


# ADAPTER RING for octagonal roll

### APPLICATION



• Material: Nylon.



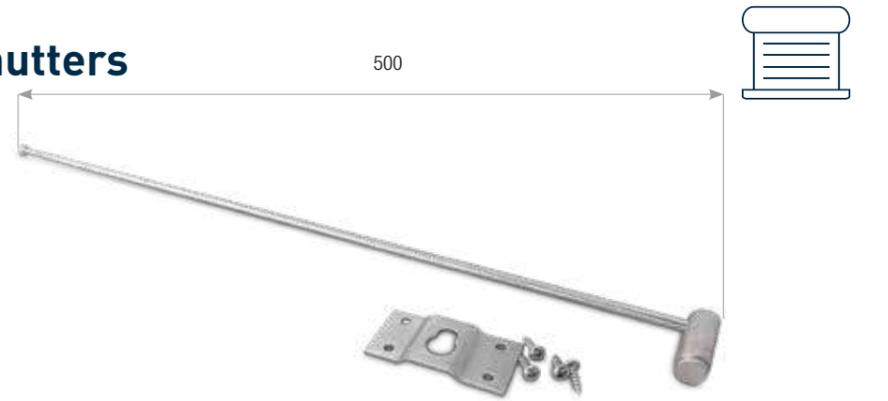
CODE	EXTERNAL PROFILE	INTERNAL PROFILE	MATERIAL	PACKAGING
AA.40.50	A ∅ 50 mm	Octagonal 40	Nylon	100 pcs
AA.60.80	B ∅ 80 mm	Octagonal 60	Nylon	250 pcs
AA.70.80	C ∅ 80 mm	Octagonal 70	Nylon	250 pcs
AA.70.100	D ∅ 100 mm	Octagonal 70	Nylon	100 pcs
AA.70.130	E ∅ 130 mm	Octagonal 70	Nylon	100 pcs
AA.102.116	F ∅ 116 mm	Octagonal 102	Nylon	10 pcs
AA.102.130	G ∅ 130 mm	Octagonal 102	Nylon	10 pcs

## SAFETY LATCH

### For wooden rolling shutters

- Material: Zinc-plated iron.
- Width: 500 mm.

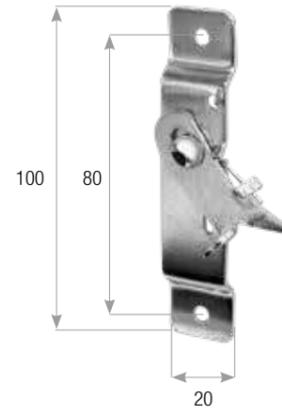
CODE: **CSL.500**



## SAFETY LATCH

- Material: Zinc-plated steel.
- Used in pairs.
- Packaging: 25 pairs.

CODE: **CS.100**



## SAFETY LATCH for rolling shutter profile

- Material: Zinc-plated steel.
- Used in pairs.
- Packaging: 200 pcs

CODE: **CS.12**



- Material: Zinc-plated steel + Plastic.
- Used in pairs.
- Packaging: 100 pcs

CODE: **CS.80**



- Material: Zinc-plated steel + Plastic.
- Used in pairs.
- Packaging: 100 pcs

CODE: **CS.150**

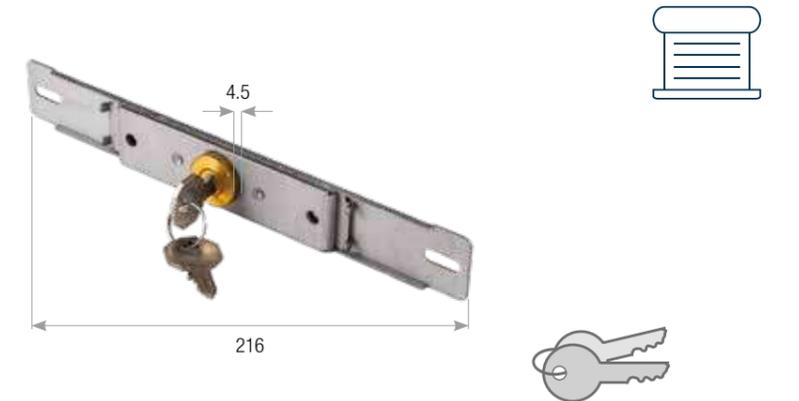


## LOCK FOR ALUMINIUM PROFILES

### Compact size

- Width/height: 27 x 216 mm.
- Material: Zinc-plated steel.
- Packaging: 250 pcs

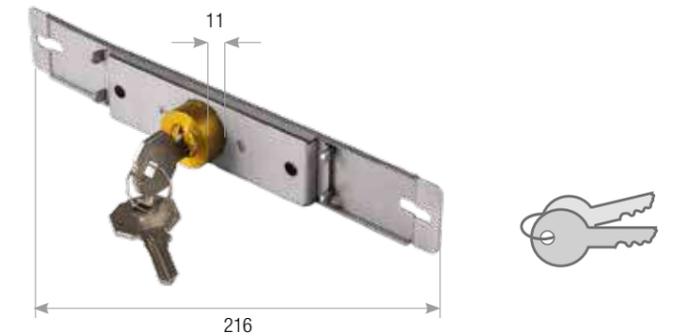
CODE: **SR.01**



## LOCK FOR ALUMINIUM PROFILES

- Width/height: 27 x 216 mm.
- Material: Zinc-plated steel.
- Packaging: 250 pcs

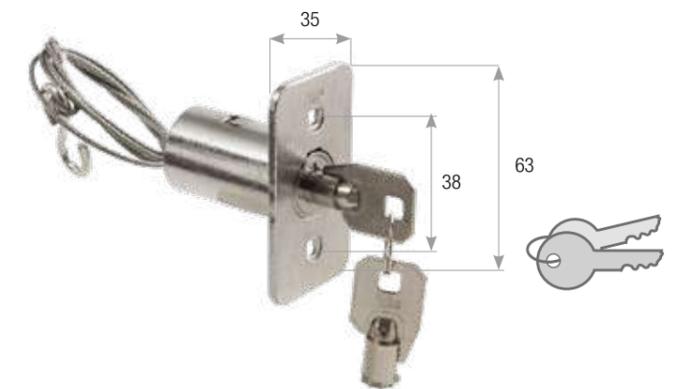
CODE: **SR.02**



## LOCK FOR INTERNAL GARAGES

- Width/height: 36 X 63 mm.
- Material: Zinc-plated steel.
- Packaging: 50 pcs

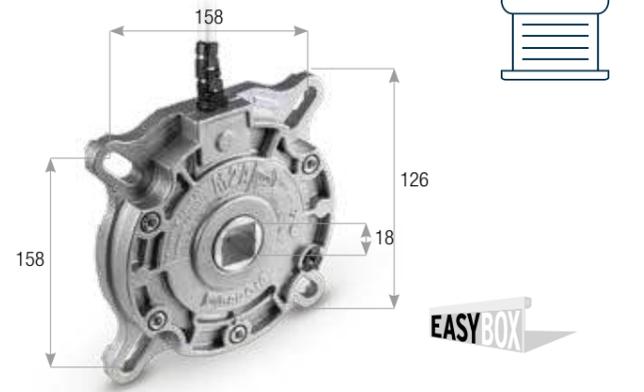
CODE: **SR.03**



## PARACHUTE 137 Nm

- Square 18 mm.
- Packaging: 1 pc

CODE: **FR.G.1**



## PARACHUTE 95 Nm

- Square 16, 17 and 18 mm.
- Packaging: 1 pc

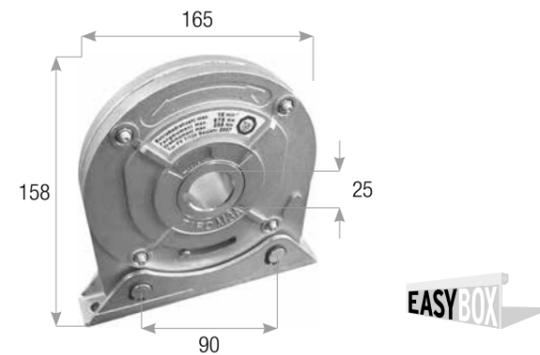
CODE: **FR.T.1**



## PARACHUTE 258 Nm

- Round 25 mm.
- Packaging: 1 pc

CODE: **FR.G.2**



## PARACHUTE 140 Nm

- Square 18 mm.
- Packaging: 1 pc

CODE: **FR.4.1**



## PARACHUTE 145 Nm

- Square 16, 17 and 18 mm.
- Packaging: 1 pc

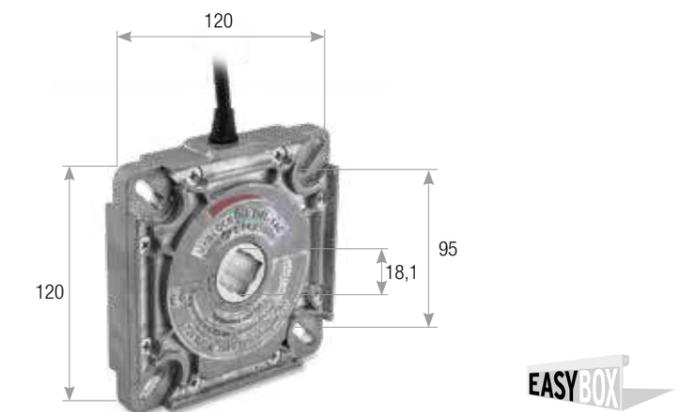
CODE: **FR.T.2**



## PARACHUTE 70 Nm

- Square 18 mm
- Packaging: 1 pc

CODE: **FR.4.2**



CODE	NOMINAL TORQUE	GRIP MOMENT	MAX COILING RADIUS	OPERATING SPEED	TEST CERTIFICATE	WEIGHT
<b>FR.4.1</b>	140 Nm	998 Nm	176 mm	22 min <sup>-1</sup>	TOR FV 11/161	1.7 kg

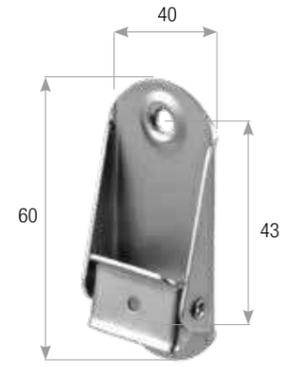
CODE	NOMINAL TORQUE	GRIP MOMENT	MAX COILING RADIUS	OPERATING SPEED	TEST CERTIFICATE	WEIGHT
<b>FR.4.2</b>	70 Nm	420 Nm	117 mm	22 min <sup>-1</sup>	TOR FV 9/142	1.4 kg



## 8 TAPE GUIDES, DRIVING ROLLS AND CLIPS

# ZINC-PLATED TAPE STOP

• Material: Zinc-plated steel.

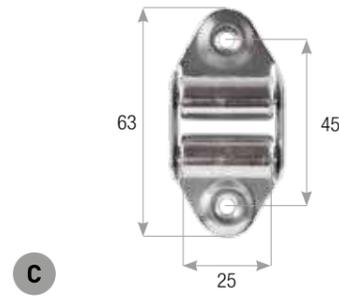
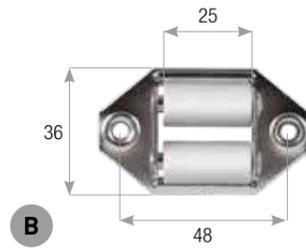
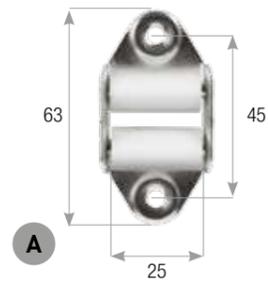


APPLICATION



CODE	CENTRE DISTANCE	MAX TAPE	WIDTH/HEIGHT	PACKAGING
BC.5	43 mm	22 mm	60x40 mm	100 pcs

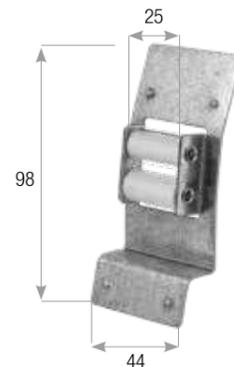
# TAPE GUIDE WITH ROLLS



CODE	DESCRIPTION	D. ROLLS	MAX TAPE	MATERIAL	PACKAGING
GC.3.FE	A Vertical tape guides	12 mm	24 mm	Nylon + Zinc-plated steel	500 pcs
GC.3.TR	A Vertical tape guides, tropicalised finish	12 mm	24 mm	Nylon + Zinc-plated steel	500 pcs
GC.4.FE	B Transverse tape guide	12 mm	24 mm	Zinc-plated steel	500 pcs
GC.4.TR	B Transverse tape guide, tropicalised finish	12 mm	24 mm	Zinc-plated steel	500 pcs
GC.5.FE	C Tape guides with vertical iron rolls	12 mm	24 mm	Zinc-plated steel	500 pcs

# VERTICAL TAPE GUIDE for welding

• Material: Zinc-plated steel.

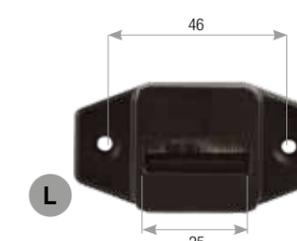
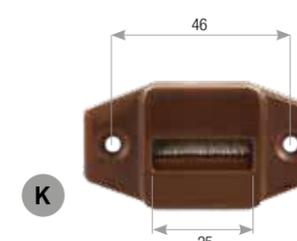
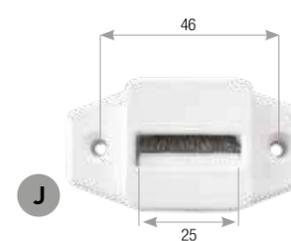
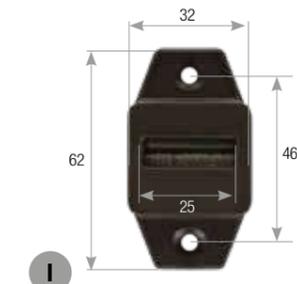
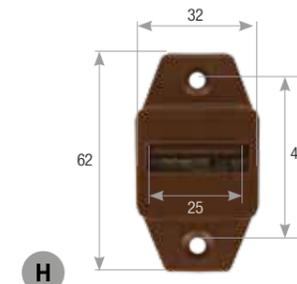
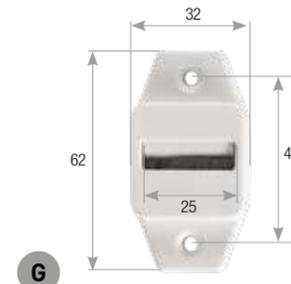
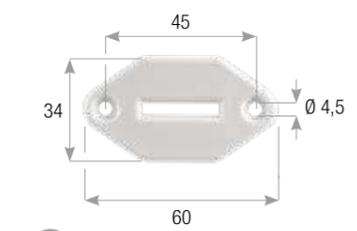
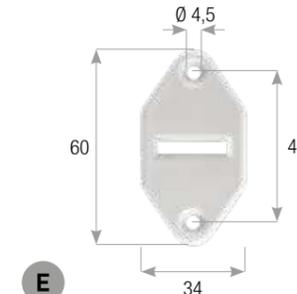
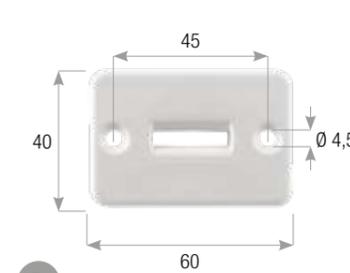
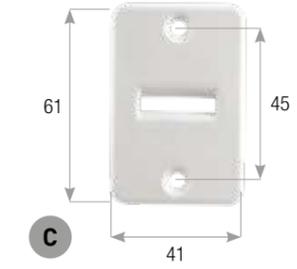
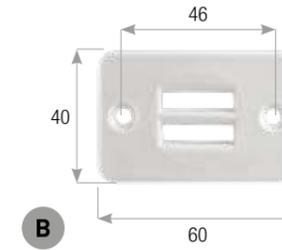
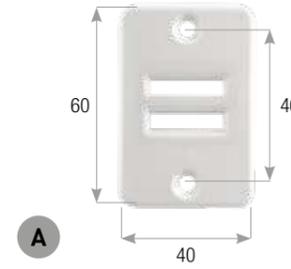


CODE	WIDTH/HEIGHT	D. ROLLS	MAX TAPE	PACKAGING
GC.7.FE	44x98 mm	12 mm	24 mm	100 pcs

# NYLON TAPE GUIDE

• Material: Nylon.

APPLICATION



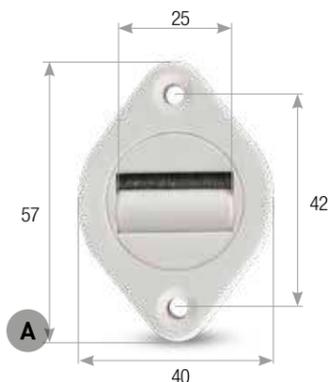
CODE	HOLE CENTRE DISTANCE	HOLES	WIDTH/HEIGHT	FASTENING HOLE	COLOUR	PACKAGING
GC.1.NY	A 46 mm	22x5 mm	40x60 mm	Ø 4.5 mm	White	500 pcs
GC.2.NY	B 46 mm	22x5 mm	60x40 mm	Ø 4.5 mm	White	500 pcs
GC.3.NW	C 45 mm	24x5 mm	41x61 mm	Ø 4.5 mm	White	400 pcs
GC.4.NW	D 46 mm	22x5 mm	60x40 mm	Ø 4.5 mm	White	400 pcs
GC.5.NW	E 45 mm	24x5 mm	34x60 mm	Ø 4.5 mm	White	1000 pcs
GC.6.NW	F 45 mm	24x5 mm	60x34 mm	Ø 4.5 mm	White	1000 pcs
GC.3.NY.SB	G 46 mm	25x5 mm	32x62 mm	Ø 4.5 mm	White	1000 pcs
GC.3.NY.SM	H 46 mm	25x5 mm	32x62 mm	Ø 4.5 mm	Brown	1000 pcs
GC.3.NY.SN	I 46 mm	25x5 mm	32x62 mm	Ø 4.5 mm	Black	1000 pcs
GC.4.NW.SB	J 46 mm	22x5 mm	32x62 mm	Ø 4.5 mm	White	1000 pcs
GC.4.NW.SM	K 46 mm	22x5 mm	32x62 mm	Ø 4.5 mm	Brown	1000 pcs
GC.4.NW.SN	L 46 mm	22x5 mm	32x62 mm	Ø 4.5 mm	Black	1000 pcs

# NYLON TAPE GUIDE

APPLICATION

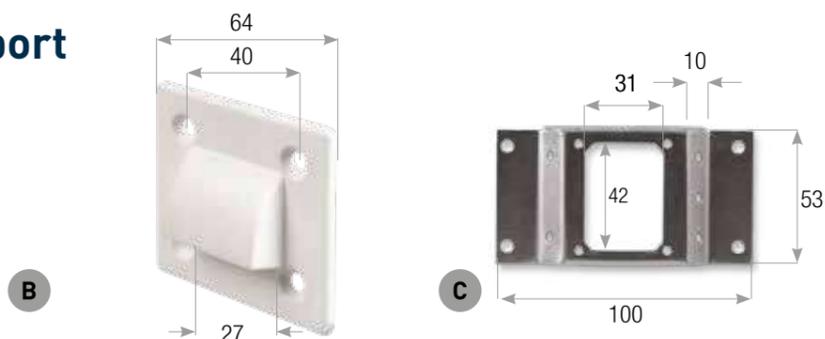


## Adjustable tape guide



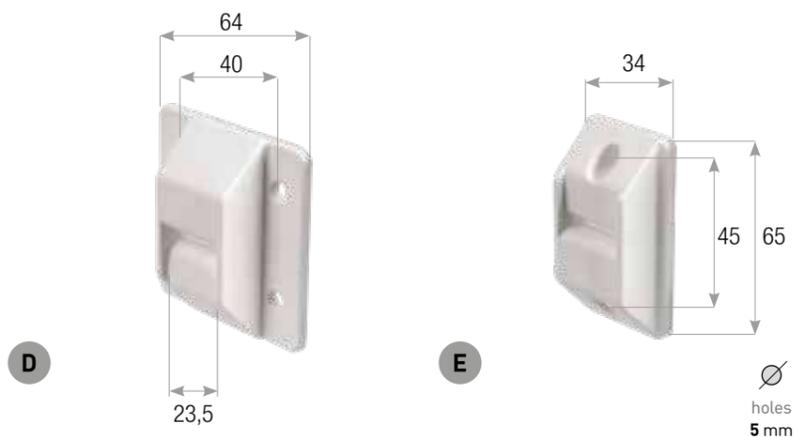
CODE		HOLE CENTRE DISTANCE	HOLES	PACKAGING
GC.22.NY	A White adjustable tape guide	42 mm	25x5 mm	1000 pcs
GC.46.NY	A White adjustable tape guide, swivel version	42 mm	25x5 mm	1000 pcs

## Tape guide and support



CODE	HOLES	DEPTH	HOLE CENTRE DISTANCE	TAPE HOLE	WIDTH/HEIGHT	PACKAGING
GC.6.NY	B		40 x 35 mm	27 mm	56x64 mm	200 pcs
SG.100	C	10 mm			53x100 mm	500 pcs

## Tape guide



CODE		HOLE CENTRE DISTANCE	HOLES	WIDTH/HEIGHT	TAPE HOLE	FASTENING HOLE	PACKAGING
GC.7.NY	D Roller shutter box	40 x 35 mm		62x62 mm	23.5 mm		500 pcs
GC.8.NY	E Vertical	45 mm	23.5x4 mm	34x62 mm		∅ 5 mm	500 pcs

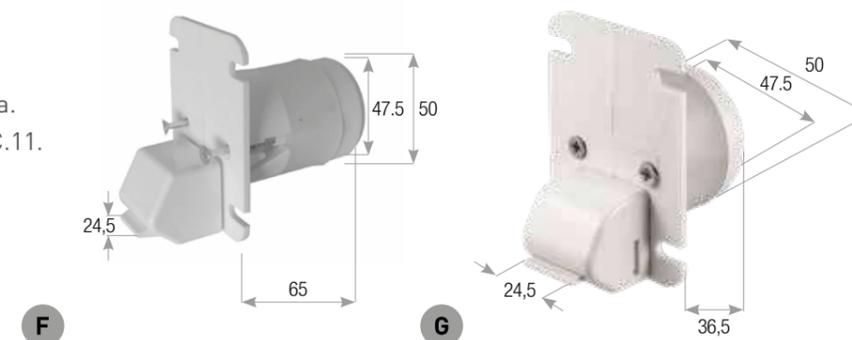
# NYLON TAPE GUIDE

APPLICATION



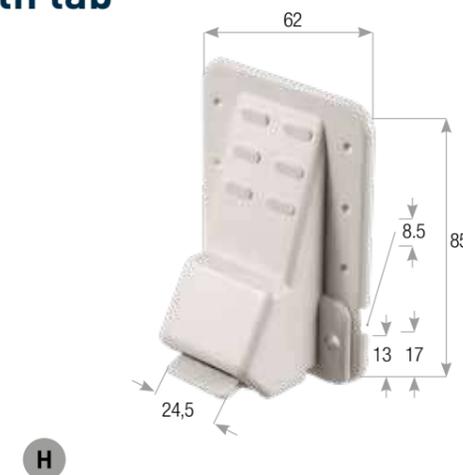
## Windproof tape guides

- Hole centre distance: 44.5 mm.
- Holes: 23.5x44 mm.
- Tape hole: 24.5 mm.
- Rear diameter: 50 mm.
- Air permeability: 0.13 m<sup>3</sup>/h at 50 Pa.
- Compatible with GC.10.NYP and GC.11.NYP covers.



CODE		DEPTH	PACKAGING
GC.10.NY	F for 65 mm roller shutter box	65 mm	50 pcs
GC.11.NY	G for 36 mm roller shutter box	36.5 mm	50 pcs

## Tape guide for roller shutter box with tab

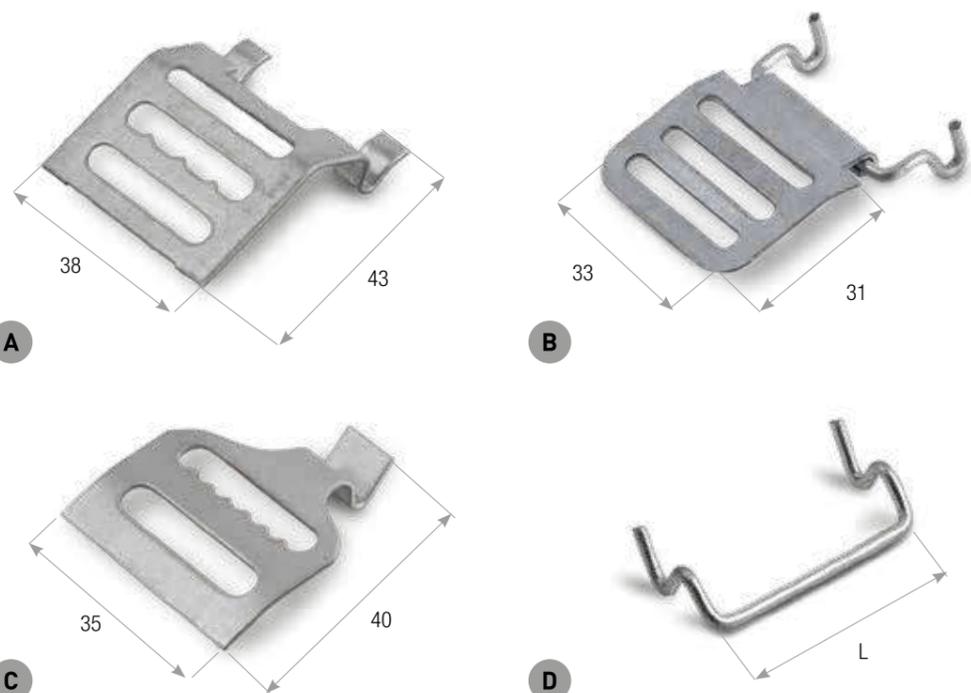


CODE		HOLE CENTRE DISTANCE	HOLES	WIDTH/HEIGHT	TAPE HOLE	FASTENING HOLE	PACKAGING
GC.12.NY	H	44 mm	23.5x4 mm	62x85 mm	24.5 mm	∅ 5 mm	100 pcs

# ROLL HOOK

- Material: Zinc-plated steel.

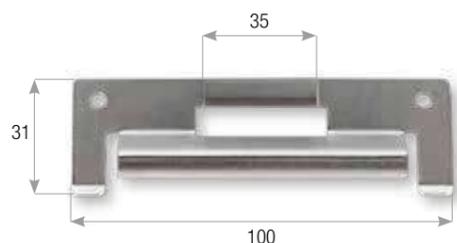
## APPLICATION



CODE	WIDTH	WIDTH/HEIGHT	HOLES	THICKNESS	PACKAGING
GA.2.5	A	43x38 mm	27x5 mm	10/10 mm	1000 pcs
GA.3	B	33x31 mm	24x3.5 mm	10/10 mm	2000 pcs
GA.4	C	35x40 mm	26x4 mm	10/10 mm	100 pcs
GA.5.32	D	32 mm			5000 pcs
GA.5.34	D	34 mm			5000 pcs

# TAPE ATTACHMENT HOOK

- To be used in combination with cut tape code CT.40 page 67.
- Compatible with safety systems P.1.100 and P.2.100, page 139.
- Material: Zinc-plated steel.



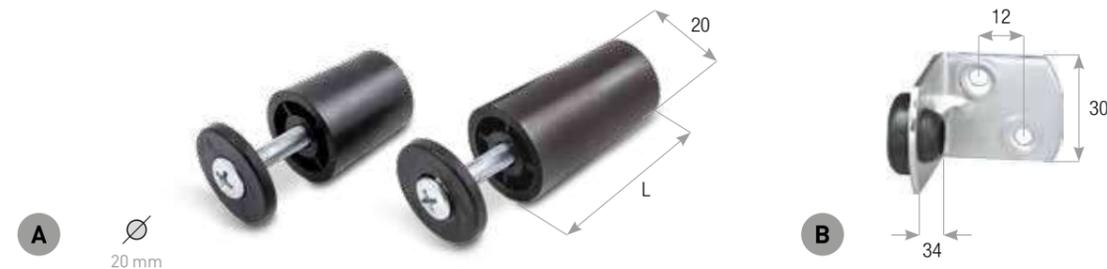
CODE	WIDTH/HEIGHT	HOLES	THICKNESS	PACKAGING
GA.1	100x31 mm	35x5 mm	10/10 mm	500 pcs

# STOPPERS

## APPLICATION



- Stopper colours: grey, white, Douglas fir, dark brown, green, beige, brown.



CODE	DESCRIPTION	LENGTH	PACKAGING
TA.30.*	A Cap for aluminium rolling shutters	30 mm	1000 pcs
TA.40.*	A Cap for aluminium rolling shutters	40 mm	1000 pcs

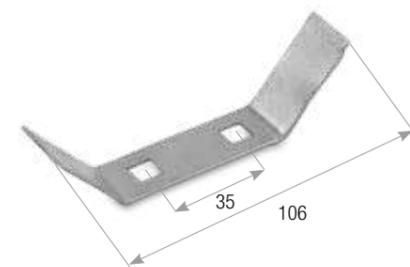
To indicate the desired cap colour, complete the code by replacing the \* symbol with one of the codes listed below (e.g.: TA.30.A)



CODE	DESCRIPTION	HOLE CENTRE DISTANCE	WIDTH/HEIGHT	MATERIAL	PACKAGING
SQA.1	B Stop bracket with cap for wooden rolling shutter	12 mm	30x34mm	Zinc-plated steel + rubber	500 pcs

# BRACKET FOR ROLLER SHUTTER BOX

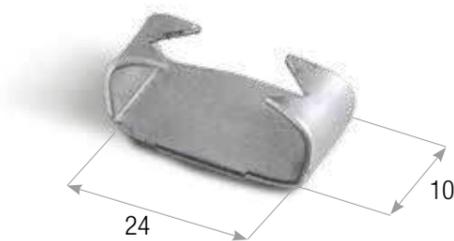
- Material: Zinc-plated steel.



CODE	HOLE CENTRE DISTANCE	WIDTH/HEIGHT	HOLES	PACKAGING
SQ.1	35 mm	62x85 mm	8x8mm	500 pcs

# TAPE CLIP

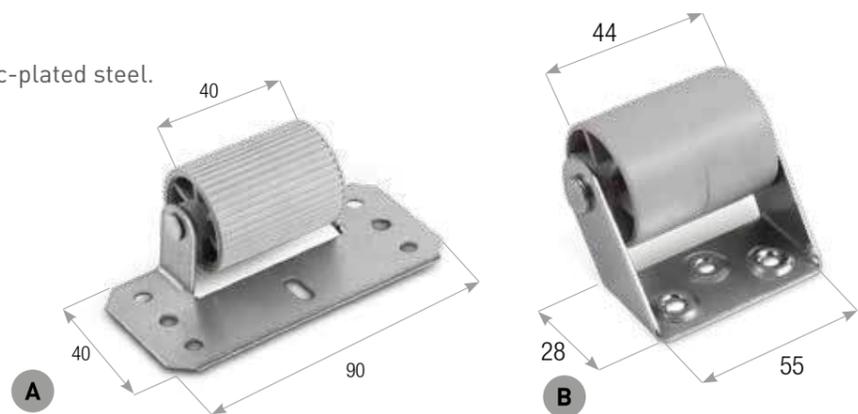
- Material: Zinc-plated steel.



CODE	WIDTH/HEIGHT	PACKAGING
GC.6	24x10 mm	5000 pcs

# DRIVING ROLL

• Material: Nylon + Zinc-plated steel.



APPLICATION



APPLICATION



CODE	D. ROLL	BASE	ROLL LENGTH	PACKAGING
RR.30	A 30 mm	90x40 mm	40 mm	250 pcs
RR.40	B 40 mm	55x28 mm	44 mm	100 pcs

# ACCESSORIES FOR WOODEN ROLLING SHUTTERS



CODE	DESCRIPTION	LENGTH	PACKAGING
LFGM.20	A Movable hook fast tape block for wood		2500 pcs
LGT.20	B End hook attachment for wood	25 mm - 32 mm	2500 pcs
LGF.20	C Fixed hook for wood 20 mm		2500 pcs
LGF.22	D Fixed hook for wood 22 mm		500 pcs
LPB.20	E Plate for balsa wood		2500 pcs
LMGM.20	F Movable hook spacer plate		5000 pcs



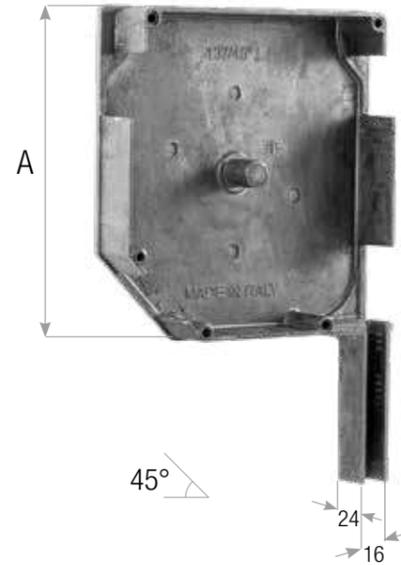
## 9 SIDE FRAMES, ROLLER SHUTTER BOXES AND GUIDES

# ALUMINIUM SIDE FRAMES

## 45° side frame

- Finishes: rough, white, brown.

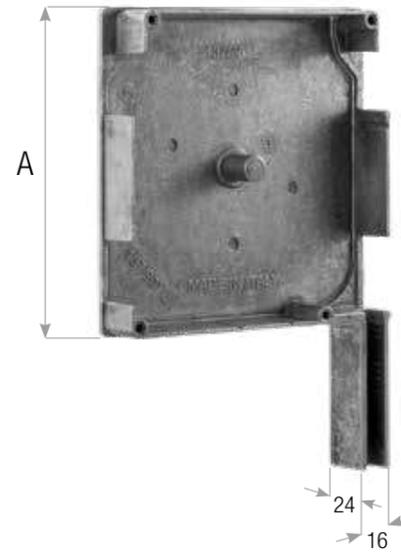
CODE	HEIGHT A	PACKAGING
F.125.45.XXXX	125 mm	50 pairs
F.137.45.XXXX	137 mm	50 pairs
F.150.45.XXXX	150 mm	50 pairs
F.165.45.XXXX	165 mm	50 pairs
F.180.45.XXXX	180 mm	30 pairs
F.205.45.XXXX	205 mm	30 pairs



## 90° side frame

- Finishes: rough, white, brown.

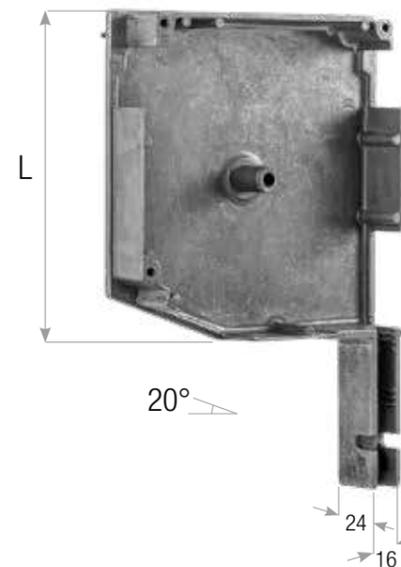
CODE	HEIGHT A	PACKAGING
F.125.90.XXXX	125 mm	50 pairs
F.137.90.XXXX	137 mm	50 pairs
F.150.90.XXXX	150 mm	50 pairs
F.165.90.XXXX	165 mm	50 pairs
F.180.90.XXXX	180 mm	30 pairs
F.205.90.XXXX	205 mm	30 pairs
F.250.90.XXXX	250 mm	20 pairs



## 20° side frame

- Finishes: rough, white, brown.

CODE	HEIGHT A	PACKAGING
F.137.20.XXXX	137 mm	50 pairs
F.150.20.XXXX	150 mm	50 pairs
F.165.20.XXXX	165 mm	50 pairs
F.180.20.XXXX	180 mm	30 pairs



### SIDE FRAME COLOURS



### APPLICATION

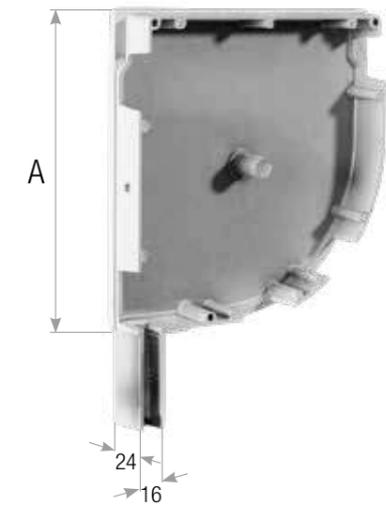


# ALUMINIUM SIDE FRAMES

## Half-round side frame

- Finishes: rough, white, brown.

CODE	HEIGHT A	PACKAGING
F.137.HR.XXXX	137 mm	50 pairs
F.165.HR.XXXX	165 mm	50 pairs
F.180.HR.XXXX	180 mm	50 pairs
F.205.HR.XXXX	205 mm	30 pairs



## SAFETY PLATE

- Material: Zinc-plated steel.
- Various flange sizes are available, suitable for different side frame sizes, according to the following diagram:

FLANGE SIZE	SIDE FRAME SIZE
134	137
147	150
162	165
177	180
202	205
248	250



CODE	DESCRIPTION	Ø CENTRAL HOLE	HOLE	PACKAGING
FCZ.55.XXX	for roll Ø 40	55 mm	8 x 8 mm	100 pcs
FCZ.72.XXX	for roll Ø 60	72 mm	8 x 8 mm	100 pcs

\* Complete the code with the desired flange size, as shown in the diagram in the description: replace XXX with the indicated flange size (e.g. flange size 134, code FCZ.55.134.)

## ENTRY GUIDES

- Material: Nylon.
- Other colours available on request.

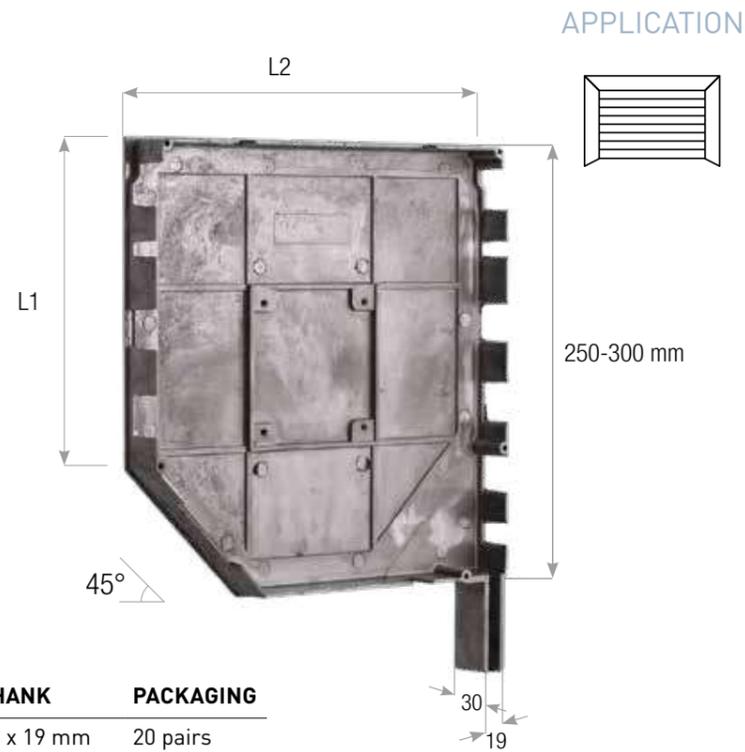


CODE	FOR TAPE COILERS	PROFILE	PACKAGING
INV.01.W	A Entry guide for roller shutter box	9 mm	100 pairs
INV.02.W	A Entry guide for roller shutter box	12 mm	100 pairs
INV.04.W	B Entry guide for standard side frame	14 mm	100 pairs
INV.05.W	C Entry guide for garage doors	19 mm	20 pairs
INV.06.W	C Entry guide for garage doors	19 mm	20 pairs

# 45° SIDE FRAME

## For garage doors

- Material: Aluminium.
- Hole centre distance 84 x 84 mm.



CODE	LENGTH L1	WIDTH L2	SHANK	PACKAGING
F.250.45.G	250 mm	250 mm	30 x 19 mm	20 pairs
F.250.45.GS	250 mm	250 mm	24 x 16 mm	20 pairs
F.300.45.G	300 mm	300 mm	30 x 19 mm	10 pairs

# SIDE FRAME 350/400 for 45°

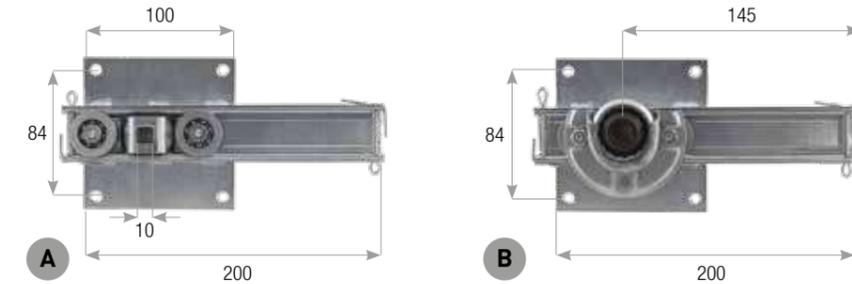
- Material: Iron.
- Compatible with C.400.Z.



CODE	HEIGHT	FINISH	SHANK	PACKAGING
F.350.45.G	350 mm	Zinc-plated	30 x 30 mm	10 pairs
F.350.45.GS	350 mm	Zinc-plated	30 x 19 mm	10 pairs
F.400.45.G	400 mm	Zinc-plated	30 x 30 mm	10 pairs
F.400.45.GS	400 mm	Zinc-plated	30 x 19 mm	10 pairs

# ALUMINIUM SIDE FRAME SUPPORTS 300 mm

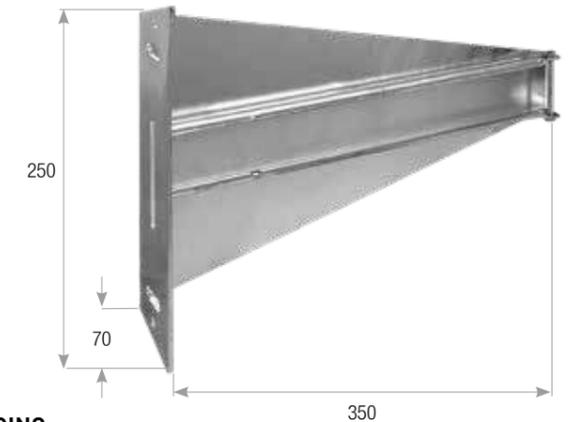
- Material: Zinc-plated steel.
- Hole centre distance 84 x 84 mm.



CODE	HOLE	BALL BEARING	CENTRE DISTANCE	PLATE	PACKAGING
SMC.100.145	A □ 10 mm		84 x 84 mm	100 x 100 mm	20 pcs
SMCS.100.145	B	∅ 12 mm	84 x 84 mm	100 x 100 mm	20 pcs

# SLIDING SUPPORT FOR GARAGE

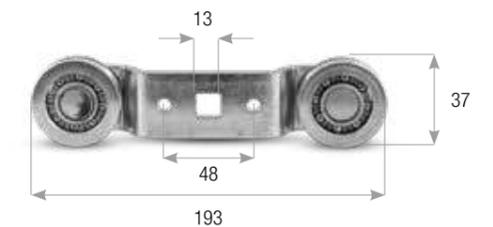
- Material: Zinc-plated steel.



CODE	RAIL	HOLE CENTRE DISTANCE	THICKNESS	PACKAGING
PSG.01	40 x 330 mm	180 mm   215 mm	3 mm	8 pcs

# ROLLER WHEEL BRACKET FOR SPRING

- Material: Zinc-plated steel.



CODE	THREADED HOLES	HOLE	∅ BALL BEARING	HOLE CENTRE DISTANCE	PACKAGING
CA.01	7 mm	□ 13 mm	40 mm	48 mm	25 pcs

## 400 mm PLATE for Easy Box

- Material: Zinc-plated iron.



CODE	THREADED HOLES	PACKAGING
P.400.300	400 x 300 mm	1 pair

## SIMPLE SUPPORT for Easy Box roller bracket

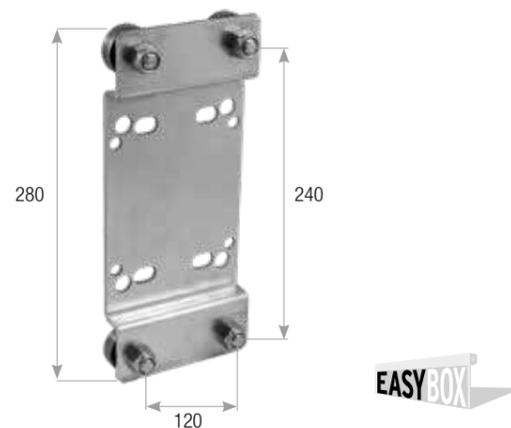
- Material: Zinc-plated iron.



CODE	THREADED HOLES	PACKAGING
P.400.Z	300 x 300 mm	1 pair

## DOUBLE BALL BEARING BRACKET for Easy Box

- Material: Zinc-plated iron.



CODE	CENTRE DISTANCE	TOTAL HEIGHT	PACKAGING
C.400.Z	120 x 240 mm	240 mm	1 pair

### APPLICATION



## ALUMINIUM PROFILES

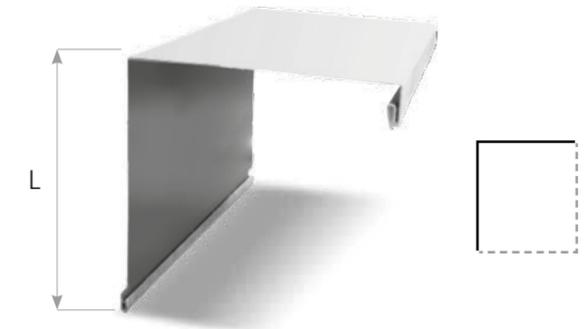
- Colour: white, brown.
- Thickness: 8/10 mm, 10/10 mm.
- Material: Pre-painted aluminium (film).
- Other colours available on request.

### APPLICATION



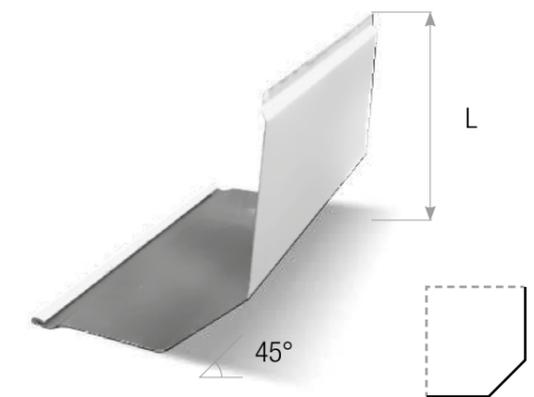
### Aluminium profile for roller shutter box

CODE	DIMENSIONS (L)	PACKAGING
CA.125.PA.XXXX	125 mm	5 pcs
CA.137.PA.XXXX	137 mm	5 pcs
CA.150.PA.XXXX	150 mm	5 pcs
CA.165.PA.XXXX	165 mm	5 pcs
CA.180.PA.XXXX	180 mm	5 pcs
CA.205.PA.XXXX	205 mm	5 pcs
CA.250.PA.XXXX	250 mm	5 pcs
CA.300.PA.XXXX	300 mm	5 pcs
CA.400.PA.XXXX	400 mm	5 pcs



### 45° aluminium profile for roller shutter box

CODE	DIMENSIONS (L)	PACKAGING
CA.125.45.XXXX	125 mm	5 pcs
CA.137.45.XXXX	137 mm	5 pcs
CA.150.45.XXXX	150 mm	5 pcs
CA.165.45.XXXX	165 mm	5 pcs
CA.180.45.XXXX	180 mm	5 pcs
CA.205.45.XXXX	205 mm	5 pcs
CA.250.45.XXXX	250 mm	5 pcs
CA.300.45.XXXX	300 mm	5 pcs
CA.400.45.XXXX	400 mm	5 pcs

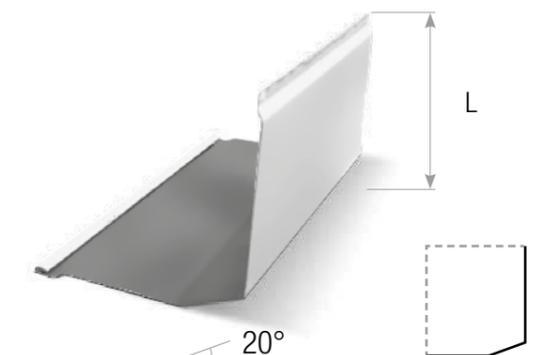


### 20° aluminium profile for roller shutter box

CODE	DIMENSIONS (L)	PACKAGING
CA.137.20.XXXX	137 mm	5 pcs
CA.150.20.XXXX	150 mm	5 pcs
CA.165.20.XXXX	165 mm	5 pcs
CA.180.20.XXXX	180 mm	5 pcs

#### PROFILE COLOURS

9016	8016
RAL 9016	RAL 8016

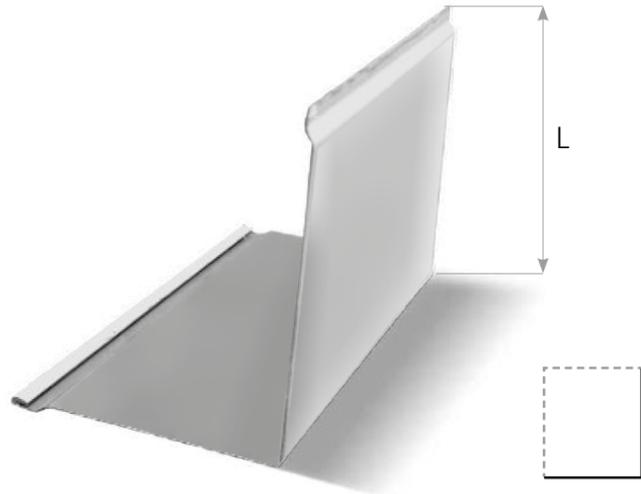


# ALUMINIUM PROFILES

- Colour: white, brown.
- Thickness: 8/10 mm, 10/10 mm.
- Material: Pre-painted aluminium (film).
- Other colours available on request.

## 90° aluminium profile for roller shutter box

CODE	DIMENSIONS (L)	PACKAGING
CA.125.90.XXXX	125 mm	5 pcs
CA.137.90.XXXX	137 mm	5 pcs
CA.150.90.XXXX	150 mm	5 pcs
CA.165.90.XXXX	165 mm	5 pcs
CA.180.90.XXXX	180 mm	5 pcs
CA.205.90.XXXX	205 mm	5 pcs
CA.250.90.XXXX	250 mm	5 pcs
CA.300.90.XXXX	300 mm	5 pcs
CA.400.90.XXXX	400 mm	5 pcs

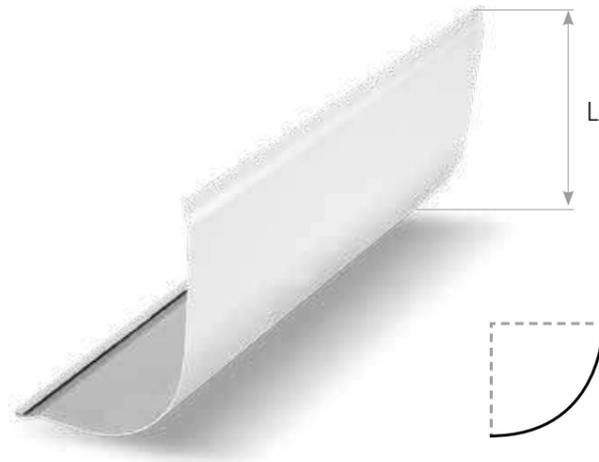


APPLICATION



## Half-round aluminium profile for roller shutter box

CODE	DIMENSIONS (L)	PACKAGING
CA.137.HR.XXXX	137 mm	5 pcs
CA.165.HR.XXXX	165 mm	5 pcs
CA.180.HR.XXXX	180 mm	5 pcs
CA.205.HR.XXXX	205 mm	5 pcs



PROFILE COLOURS

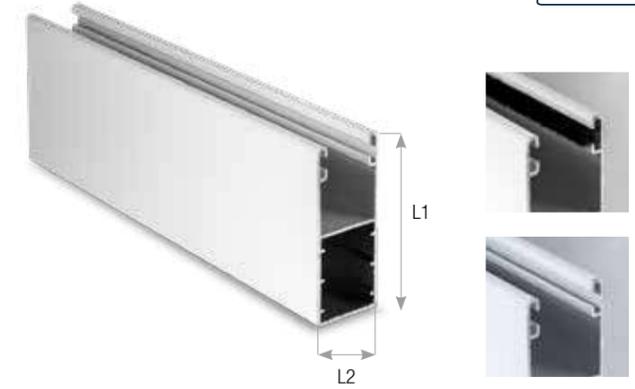


# ALUMINIUM GUIDES

## Aluminium guide

- Material: Extruded aluminium.

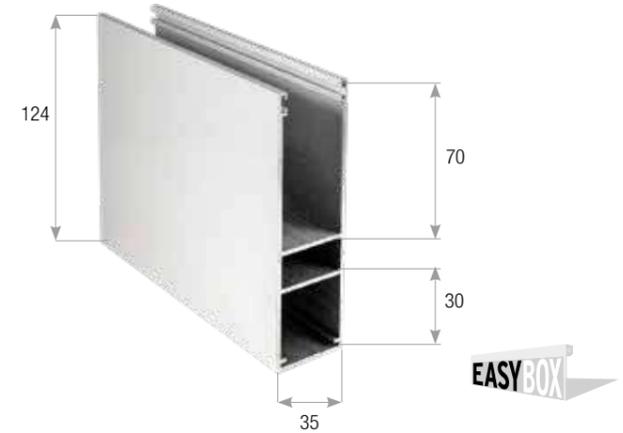
CODE	L1	L2	PACKAGING
GA.53.22.W	53 mm	22 mm	10 pcs
GA.80.28.W	80 mm	28 mm	10 pcs



## 124 mm aluminium guide

- Material: Extruded aluminium.

CODE	FINISH/COLOUR	PACKAGING
GA.124.35	Rough	10 pcs
GA.124.35.01	White	10 pcs



## Aluminium guide

- Material: Aluminium.

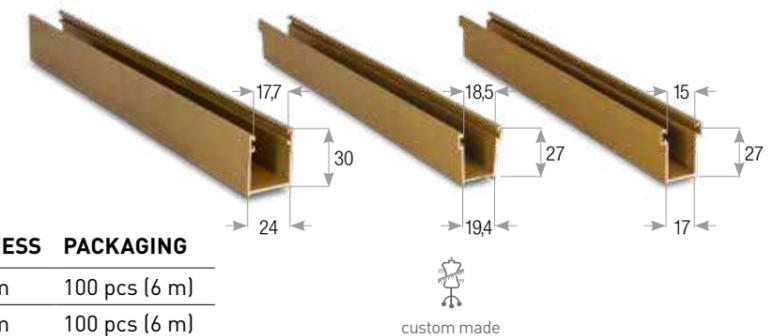
CODE	L1	L2	THICKNESS	PACKAGING
GA.30.25	30 mm	25 mm	8/10 mm	100 pcs (6 m)



## Aluminium guide

- Material: Aluminium.

CODE	L1	L2	THICKNESS	PACKAGING
GA.30.24	30 mm	24 mm	8/10 mm	100 pcs (6 m)
GA.27.19	27 mm	19 mm	8/10 mm	100 pcs (6 m)
GA.27.17	27 mm	17 mm	8/10 mm	100 pcs (6 m)



APPLICATION



# ZINC-PLATED STEEL GUIDES

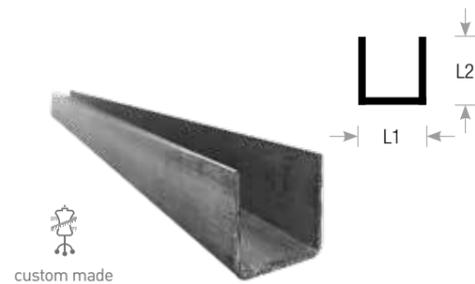
## Zinc-plated steel guide - folded edge

CODE	L1	L2	THICKNESS	PACKAGING
GU.22.19	22 mm	19 mm	7/10 mm   8/10 mm	100 pcs (6 m)
GU.28.19	28 mm	19 mm	7/10 mm   8/10 mm	100 pcs (6 m)



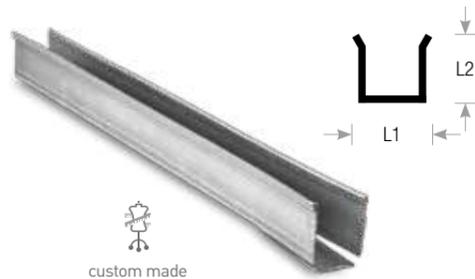
## Zinc-plated steel guide - straight edge

CODE	L1	L2	THICKNESS	PACKAGING
GU.22.20.D	22 mm	20 mm	7/10 mm   8/10 mm	100 pcs (6 m)
GU.28.20.D	28 mm	20 mm	7/10 mm   8/10 mm	100 pcs (6 m)



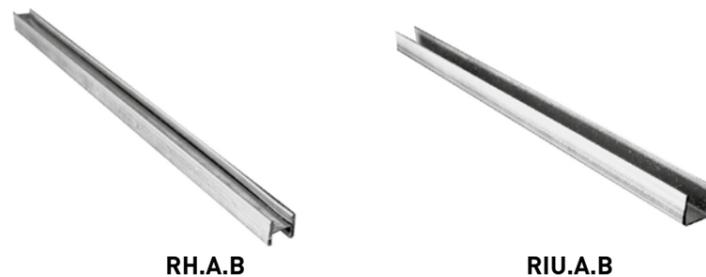
## Zinc-plated steel guide

CODE	L1	L2	THICKNESS	PACKAGING
GU.22.18.A	22 mm	18 mm	7/10 mm   8/10 mm   10/10 mm	100 pcs (6 m)
GU.28.18.A	28 mm	18 mm	7/10 mm   8/10 mm   10/10 mm	100 pcs (6 m)

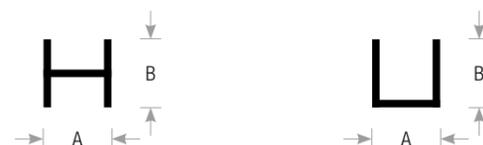


# REINFORCEMENTS

- H-profile and U-profile available.
- Available in various sizes.
- Material: Zinc-plated steel.



CODE	DESCRIPTION	PACKAGING
RH.A.B	H-shaped reinforcement in various sizes	100 pcs
RIU.A.B	U-shaped reinforcement in various sizes	100 pcs



## APPLICATION



# DOUBLE ALUMINIUM GUIDE

## For mosquito screen

- Material: Extruded aluminium.
- Colour: white, brown.

CODE	PACKAGING
GA.53.40.W	10 pcs

## COLOURS

01	02
RAL 9016	RAL 8016

# ALUMINIUM END BARS

## For mosquito screen

- Material: Extruded aluminium.
- Colour: white, brown.

CODE	PACKAGING
TE.71.W	10 pcs

## COLOURS

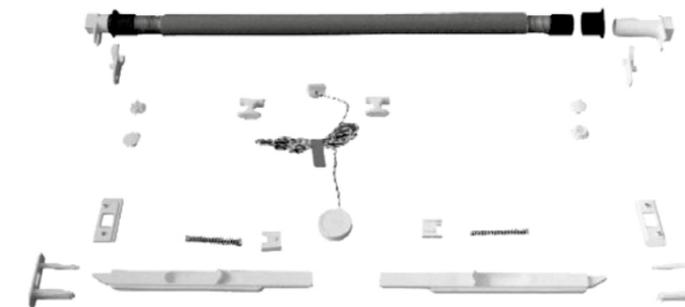
01	02
RAL 9016	RAL 8016

## APPLICATION



# MOSQUITO SCREEN KIT

## For aluminium roller shutter box



Code: **KIT.ZA.1**  
Packaging: 100 pcs

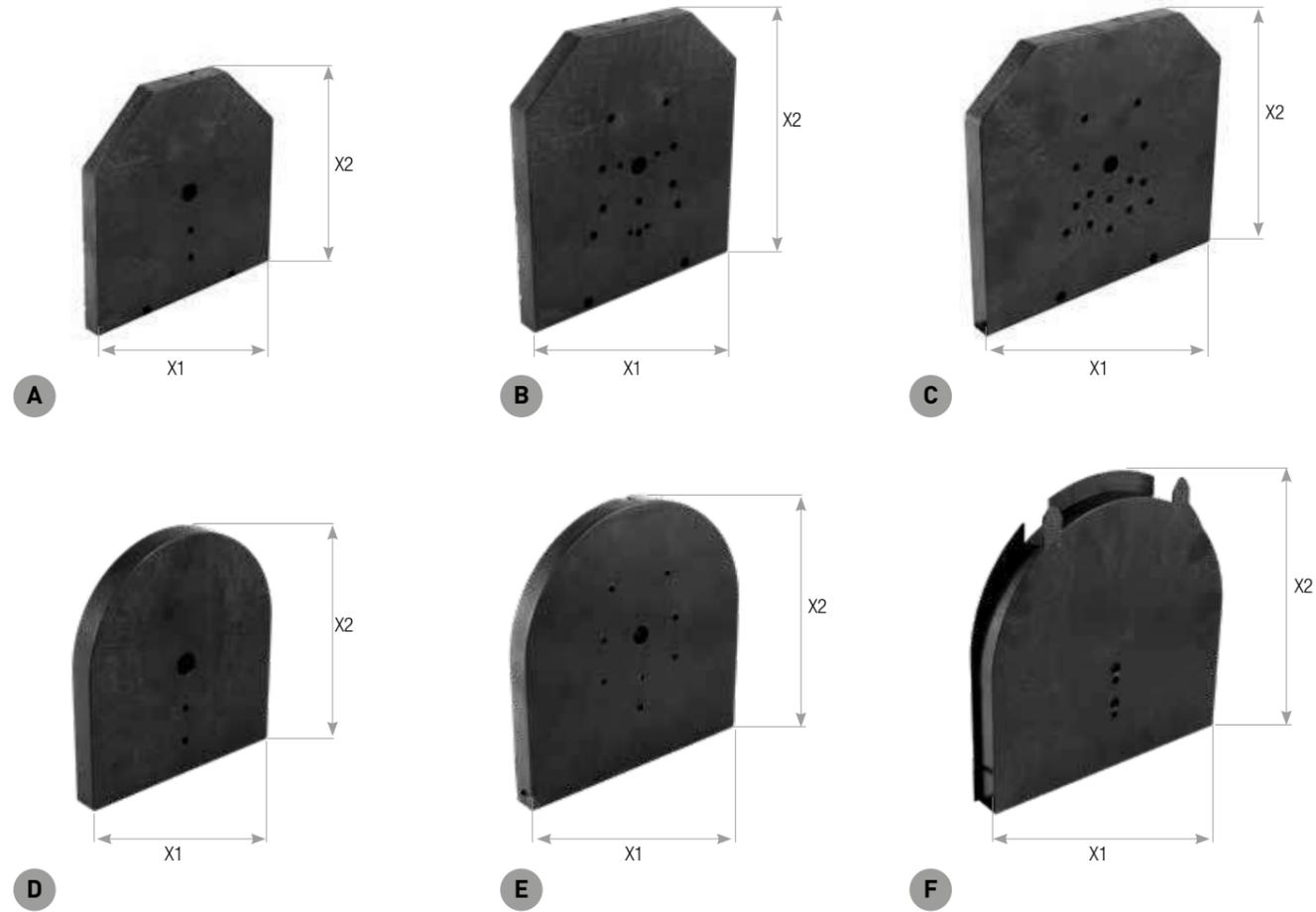
- Kit components:
- Return spring
  - Square support for flange
  - Support spacers
  - End bar stops
  - Stop covers
  - Handles for end bar
  - Recall wire
  - Screw covers

# PLASTIC SIDE FRAMES

## for polyurethane roller shutter boxes

• Material: Plastic.

APPLICATION



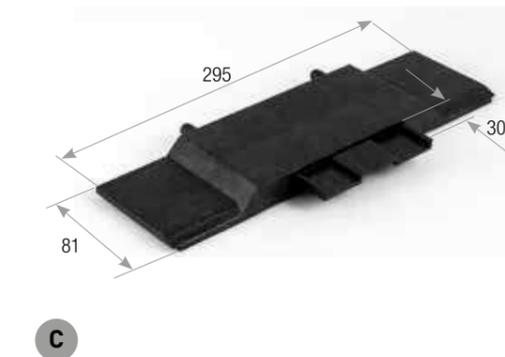
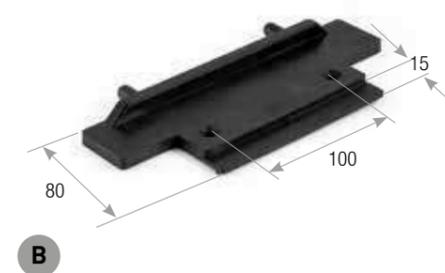
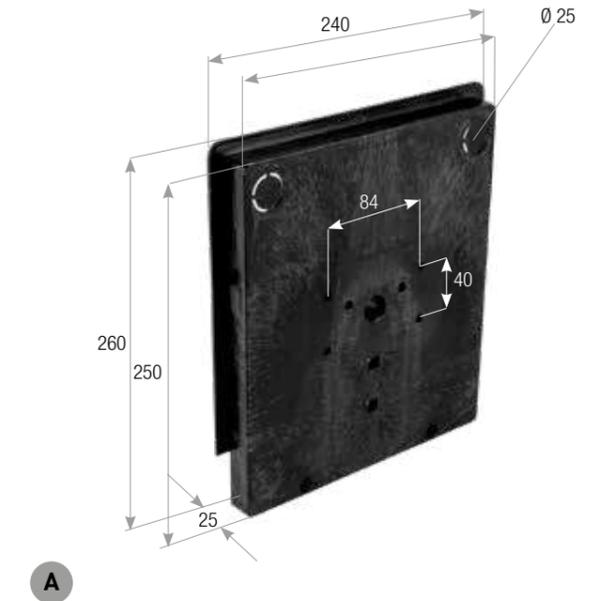
CODE	DESCRIPTION	X1	X2	CENTRE DISTANCE	HOLE	PACKAGING
FP.25.Q	A Plastic side frame for 25 cm roller shutter boxes	200 mm	225 mm	30 mm	18 mm	30 pcs
FP.30.Q	B Plastic side frame for 30 cm roller shutter boxes	245 mm	265 mm	30 mm	18 mm	30 pcs
FP.35.Q	C Plastic side frame for 35 cm roller shutter boxes	290 mm	265 mm	30 mm	18 mm	30 pcs
FP.25.R	D Plastic side frame for 25 cm roller shutter boxes	200 mm	225 mm	30 mm	18 mm	30 pcs
FP.30.R	E Plastic side frame for 30 cm roller shutter boxes	245 mm	265 mm	30 mm	18 mm	30 pcs
FP.35.R	F Plastic side frame for 35 cm roller shutter boxes	290 mm	265 mm	30 mm	18 mm	30 pcs

# ABS SIDE FRAMES

## for roller shutter boxes and monoblock

• Material: Plastic.  
• Roof holder available in two sizes.

APPLICATION



CODE	DESCRIPTION	PACKAGING
FP.22.25.R	A ABS side frame	100 pcs
PC.1.25	B Roof holder for 250 mm side frame	100 pcs
PC.2.30	C Roof holder for 300 mm side frame	100 pcs

# ALUMINIUM EXTERNAL FRAMES

APPLICATION



## TS LL: Frame with side lever

Recommended for windows with a width of up to 1400 mm.  
Suitable for rolling shutters with slat thicknesses from 8 mm to 15 mm.

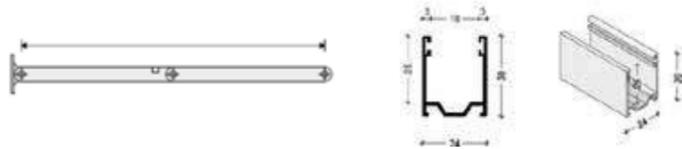
Composition:

- Aluminium guides (LIGHT external dimensions 24x33 mm/ FLAT external dimensions 24x30 mm) with integrated noise-reducing rubber gasket (brush on request), with slot for entry guide for rolling shutter, holes and anti-friction spacers for installation.
- Aluminium crossbar (external dimensions 18x30 mm).
- Aluminium arms (centre distance 530/380 mm).
- Nylon hinges and connecting corners.
- Stainless steel screws for fastening.

Arm centre distance:

Normal: 530 mm

Average: 380 mm



## TS LC: Frame with central lever

Recommended for windows with a width of 1400 mm to 2500 mm.  
From 2000 mm to 2500 mm, a double handle and reinforcement in the crossbar are provided.

Suitable for rolling shutters with slat thicknesses from 8 mm to 15 mm.

Composition:

- Aluminium guides (LIGHT external dimensions 24x33 mm/ FLAT external dimensions 24x30 mm) with integrated noise-reducing rubber gasket (brush on request), with slot for entry guide for rolling shutter, holes and anti-friction spacers for installation.
- Aluminium crossbar (external dimensions 18x30 mm).
- Aluminium arms (centre distance 530/380 mm).
- Aluminium rod and handle.
- Nylon hinges and connecting corners.
- Nylon stop angle for LC arms.
- Stainless steel screws for fastening.



# EXTERNAL FRAMES

## for roller shutter boxes

APPLICATION



## Frame with side lever

Max. recommended opening width 1400 mm.

**TS L53:** For rolling shutters with slat thicknesses from 8 mm to 9 mm.

**TS L62:** For rolling shutters with slat thicknesses from 9 mm to 15 mm.

Composition:

- Aluminium guides (external dimensions 22x53 mm or 27x62 mm) with rubber or brush gasket, plastic entry guides and holes for installation.
- Aluminium crossbar (external dimensions 18x32 mm).
- Aluminium arms (centre distance 530/380 mm).
- Aluminium hinges.
- Nylon corner connectors.
- Stainless steel screws for fastening and Nylon screw caps.

Arm centre distance:

Normal: 530 mm

Average: 380 mm



## Frame with central lever

Recommended opening width from 1400 mm to 2500 mm. From 2300 mm to 2500 mm, a double handle and reinforcement in the crossbar are provided.

**TS C53:** Suitable for rolling shutters with slat thicknesses from 8 mm to 9 mm.

**TS C62:** Suitable for rolling shutters with slat thicknesses from 9 mm to 15 mm.

Composition:

- Aluminium guides (LIGHT external dimensions 24x33 mm/ FLAT external dimensions 24x30 mm) with integrated noise-reducing rubber gasket (brush on request), with slot for entry guide for rolling shutter, holes and anti-friction spacers for installation.
- Aluminium crossbar (external dimensions 18x30 mm).
- Aluminium arms (centre distance 530/380 mm).
- Aluminium rod and handle.
- Nylon hinges and connecting corners.
- Nylon stop angle for LC arms.
- Stainless steel screws for fastening.





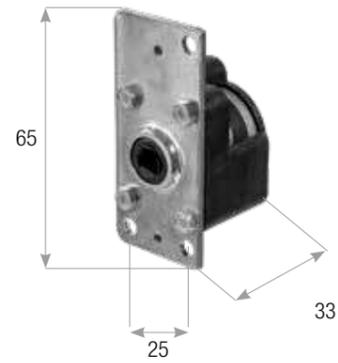
## 10 WINCHES AND ACCESSORIES

# INTERNAL WINCHES

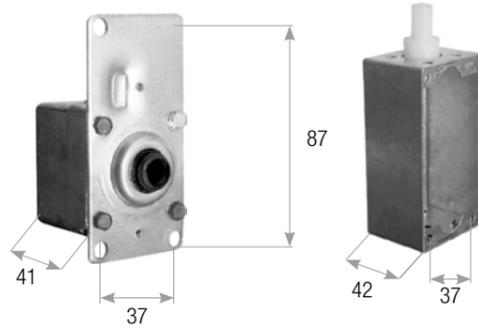
APPLICATION



- Materials: Zamak machine, front plate and box in zinc-plated steel.
- Available in internal or external wall versions.
- Can be combined with 2 mm, 2.5 mm or 3 mm ropes depending on the load (see page 180).



A



B



C

## COMPATIBLE ACCESSORIES



Covers page 178



Handles page 179



Rope page 180

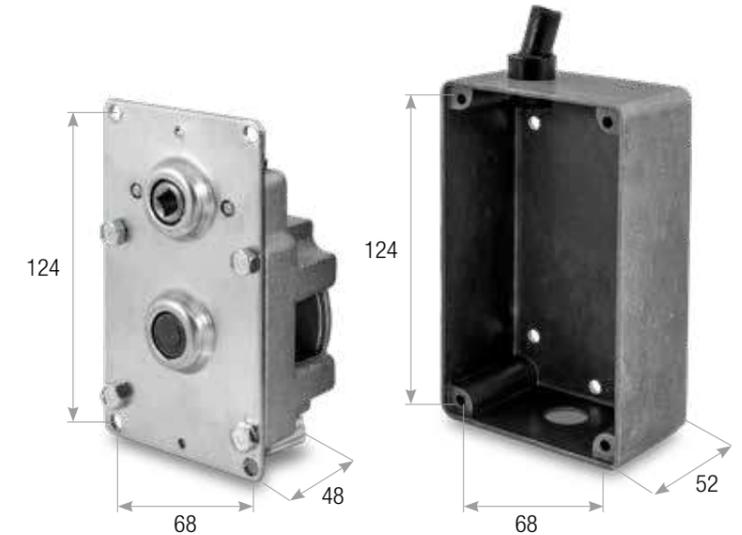
CODE	RATIO	HEIGHT	WIDTH	DEPTH	MAXIMUM LOAD	PACKAGING
<b>ARG.20 (M.20)</b>	<b>A 1:1</b>	103 mm	53 mm	43 mm	20 kg	20 pcs
<b>ARG.30 (M.30 + SC.30)</b>	<b>B 1:1</b>	103 mm	53 mm	43 mm	20 kg	20 pcs
<b>ARG.40 (M.40 + SC.40)</b>	<b>C 1:1</b>	111 mm	69 mm	42 mm	40 kg	20 pcs

# INTERNAL WINCHES

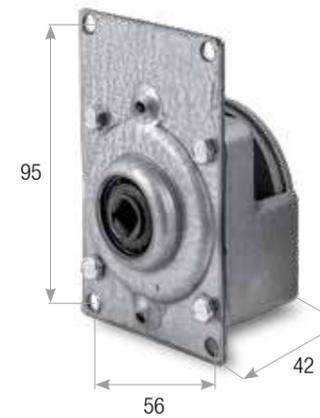
APPLICATION



D



E



F

CODE	RATIO	HEIGHT	WIDTH	DEPTH	MAXIMUM LOAD	PACKAGING
<b>ARG.50 (M.50 + SC.50)</b>	<b>D 1:1</b>	142 mm	72 mm	61 mm	50 kg	20 pcs
<b>ARG.80 (M.80 + SC.80)</b>	<b>E 1:2,5</b>	140 mm	85 mm	52 mm	80 kg	20 pcs
<b>ARG.100 (M.100 + SC.100)</b>	<b>E 1:2,5</b>	140 mm	85 mm	52 mm	100 kg	20 pcs
<b>M.40 + SC.40.L + MA.30.C</b>	<b>F 1:1</b>	111 mm	69 mm	42 mm	40 kg	20 pcs

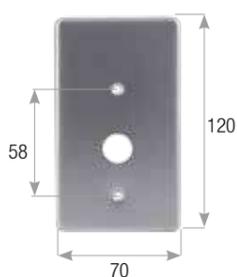
# COVERS FOR WINCHES

APPLICATION

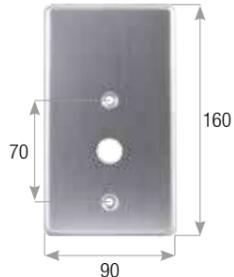


## Aluminium covers

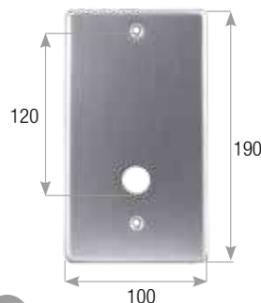
• Material: Aluminium.



A



B

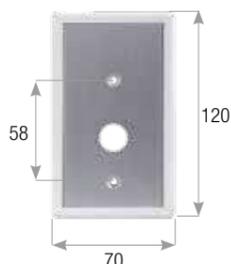


C

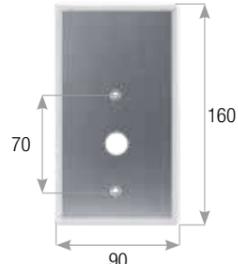
CODE	DESCRIPTION	HEIGHT	WIDTH	PACKAGING
PP.30.AL	A For 30 kg winch	120 mm	70 mm	20 pcs
PP.50.AL	B For 50 kg winch - <b>on request only</b>	160 mm	90 mm	20 pcs
PP.40.AL	B For 40 kg winch	160 mm	90 mm	20 pcs
PP.100.AL	C For 100 kg winch	190 mm	100 mm	20 pcs

## Plastic covers

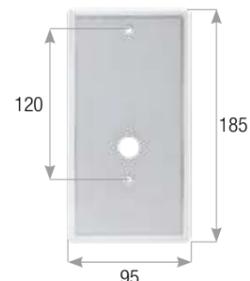
• Material: Plastic + Aluminium.



D



E



F

CODE	DESCRIPTION	HEIGHT	WIDTH	COLOUR	PACKAGING
PP.30.B	D For 30 kg winch	120 mm	70 mm	White	20 pcs
PP.30.A	D For 30 kg winch	120 mm	70 mm	Ivory	20 pcs
PP.30.N	D For 30 kg winch	120 mm	70 mm	Black	20 pcs
PP.30.G	D For 30 kg winch	120 mm	70 mm	Grey	20 pcs
PP.50.B	E For 50 kg winch	160 mm	90 mm	White	20 pcs
PP.50.A	E For 50 kg winch	160 mm	90 mm	Ivory	20 pcs
PP.40.B	E For 40 kg winch	160 mm	90 mm	White	20 pcs
PP.40.A	E For 40 kg winch	160 mm	90 mm	Ivory	20 pcs
PP.40.N	E For 40 kg winch	160 mm	90 mm	Black	20 pcs
PP.40.G	E For 40 kg winch	160 mm	90 mm	Grey	20 pcs
PP.100.B	F For 100 kg winch	185 mm	95 mm	White	20 pcs
PP.100.A	F For 100 kg winch	185 mm	95 mm	Ivory	20 pcs
PP.100.N	F For 100 kg winch	185 mm	95 mm	Black	20 pcs
PP.100.G	F For 100 kg winch	185 mm	95 mm	Grey	20 pcs

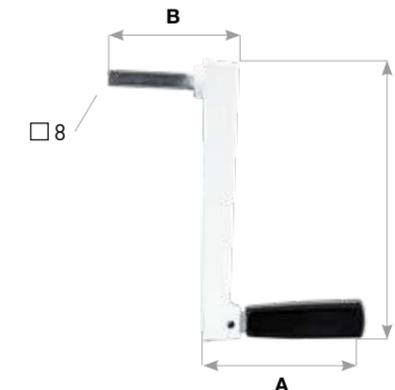
# WINCH HANDLES

APPLICATION



## Painted handles

• Material: Plastic + Painted iron.



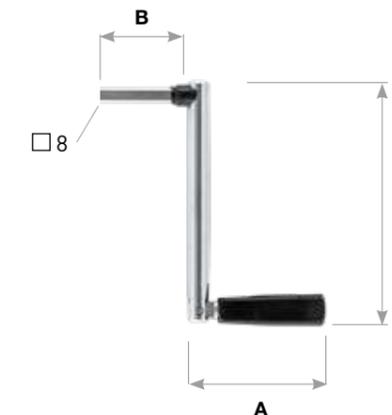
CODE	HANDLE LENGTH A	PIN LENGTH B	ARM LENGTH C	COLOUR	FOR WINCH	PACKAGING
MA.30.B	80 mm	43 mm	140 mm	White	30 kg	20 pcs
MA.30.A	80 mm	43 mm	140 mm	Ivory	30 kg	20 pcs
MA.30.N	80 mm	43 mm	140 mm	Black	30 kg	20 pcs
MA.30.G	80 mm	43 mm	140 mm	Grey	30 kg	20 pcs
MA.50.B	83 mm	43 mm	180 mm	White	50 kg - 80 kg - 100 kg	20 pcs
MA.50.A	83 mm	43 mm	180 mm	Ivory	50 kg - 80 kg - 100 kg	20 pcs
MA.50.N	83 mm	43 mm	180 mm	Black	50 kg - 80 kg - 100 kg	20 pcs
MA.50.G	83 mm	43 mm	180 mm	Grey	50 kg - 80 kg - 100 kg	20 pcs

COLOURS



## Chrome handles

• Material: Plastic + Chrome-plated iron.



CODE	HANDLE LENGTH A	PIN LENGTH B	ARM LENGTH C	FOR WINCH	PACKAGING
MA.30.C	80 mm	50 mm	135 mm	30 kg	20 pcs
MA.50.C	76 mm	50 mm	150 mm	50 kg - 80 kg - 100 kg	20 pcs
MA.80.C	76 mm	80 mm	150 mm	50 kg - 80 kg - 100 kg	20 pcs

## WINCH ROPE

- Material: Zinc-plated steel.
- 100 m coils.



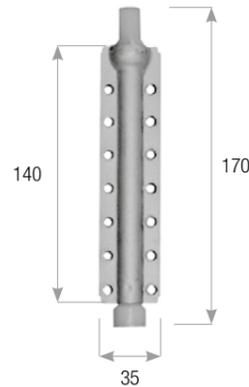
### APPLICATION



CODE	Ø ROPE	MINIMUM ORDER
F.20	2 mm	1 coil L=100 m 20 coils L=7 m
F.25	2.5 mm	1 coil L=100 m 20 coils L=7 m
F.30	3 mm	1 coil L=100 m 20 coils L=7 m

## END BAR ROPE GUIDE with winch joint

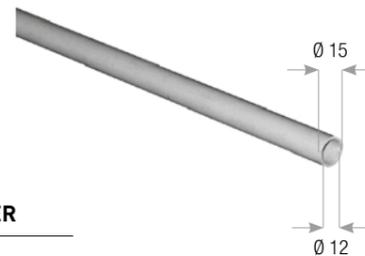
- Dimensions (width/height): 35 x 170 mm.
- Material: Stainless steel + Nylon.



CODE	MINIMUM ORDER
TS.1	20 pcs

## PVC TUBE for rope protection

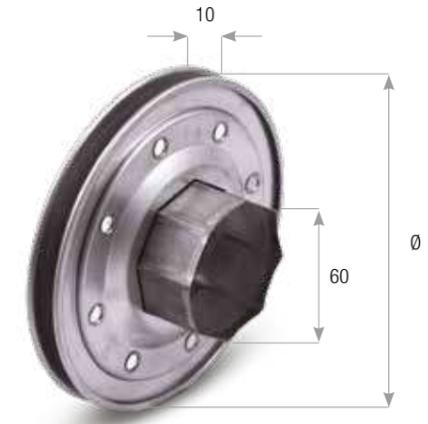
- Colours: ivory, black, white, grey.



CODE	DESCRIPTION	LENGTH	MINIMUM ORDER
TL.1	PVC tube for outdoor use	2 m	20 pcs
TL.2	PVC tube for indoor use	2 m	20 pcs

## ZINC-PLATED PULLEY for rope winch

- Rope guide: 10 mm.
- Cap: 60 mm.
- Material: Zinc-plated steel.



### APPLICATION

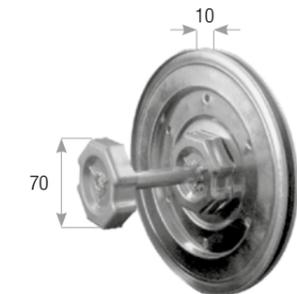


CODE	EXTERNAL Ø	MINIMUM ORDER
PZ.16.A	160 mm	20 pcs
PZ.19.A	190 mm	20 pcs
PZ.21.A	210 mm	20 pcs

## REINFORCED ZINC-PLATED PULLEY for rope winch

- Rope guide: 10 mm.
- Cap: 70 mm.
- Material: Zinc-plated steel.

CODE	EXTERNAL Ø	MINIMUM ORDER
PZ.19.70.A	190 mm	15 pcs
PZ.21.70.A	210 mm	15 pcs



# NYLON WINCH FOR CRANK MANOEUVRE

## Steel stop

APPLICATION



- Minimum diameter 81 mm - maximum 93 mm.
- Thickness: 23 mm.
- For compatible accessories, see the Cherubini S.p.A. Manual Accessories catalogue.

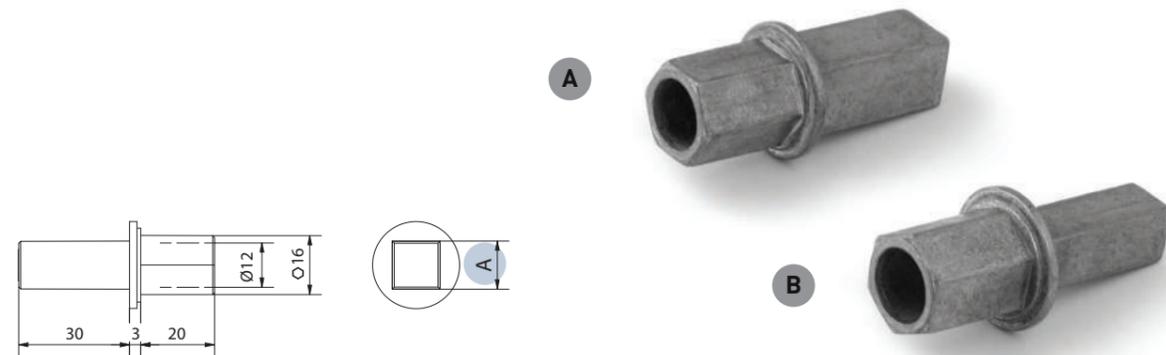


CODE	MAX KG	REDUCTION	PACKAGING
7363	15 kg	5:1	50 pcs
7364	20 kg	8:1	50 pcs
7365	25 kg	11:1	50 pcs

# ZAMAK INSERT

## for winch

- Material: Zamak.
- Suitable for worm gear winches (Code 7305 - 7311 - 7320 - 7330).



CODE		OUTPUT A
7316	A	Ø 16 mm with hole Ø 12 mm and □ 13 mm □ 13
7317	B	Ø 16 mm with hole Ø 12 mm and □ 10 mm □ 10

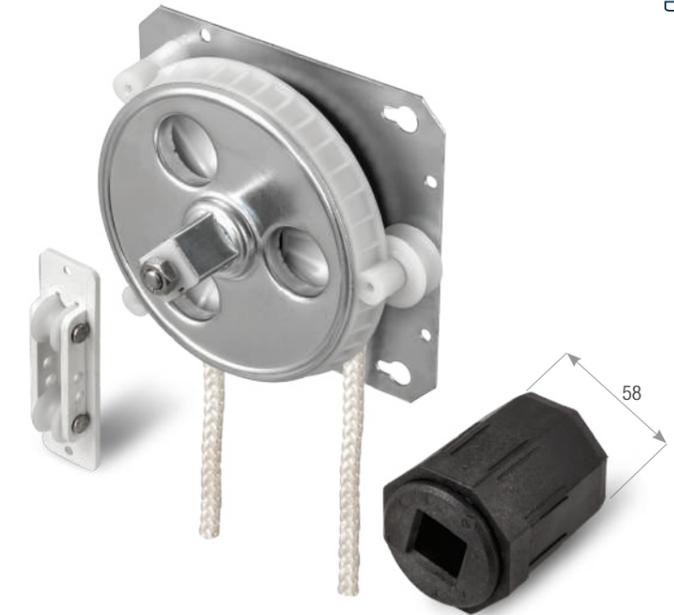
# MICROLIFT

## right and left/complete

APPLICATION



- For octagonal roll 60.
- Material: Iron + Plastic.



CODE	PACKAGING
MCLF.DX	25 pcs
MCLF.SX	25 pcs

# EXTENSION FOR OVERRIDE

## for garage doors

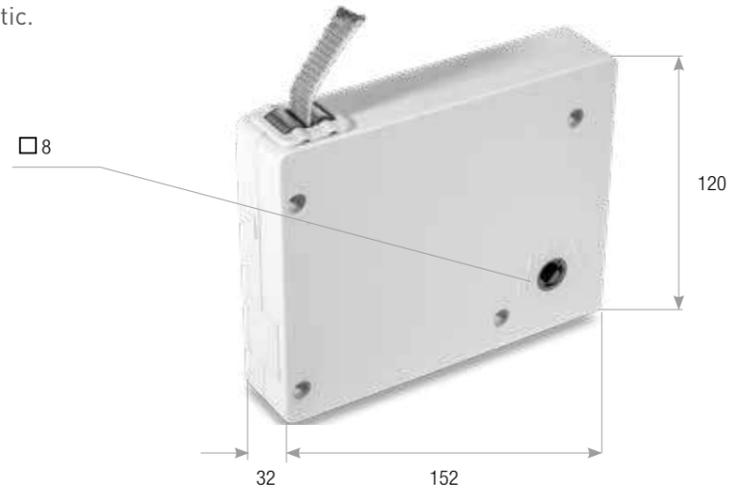
- Length: 300 mm.
- Diameter: 15.5 mm.
- Material: Aluminium.



CODE	PACKAGING
PRO.30	20 pcs

# TAPE WINCH

• Material: Plastic.



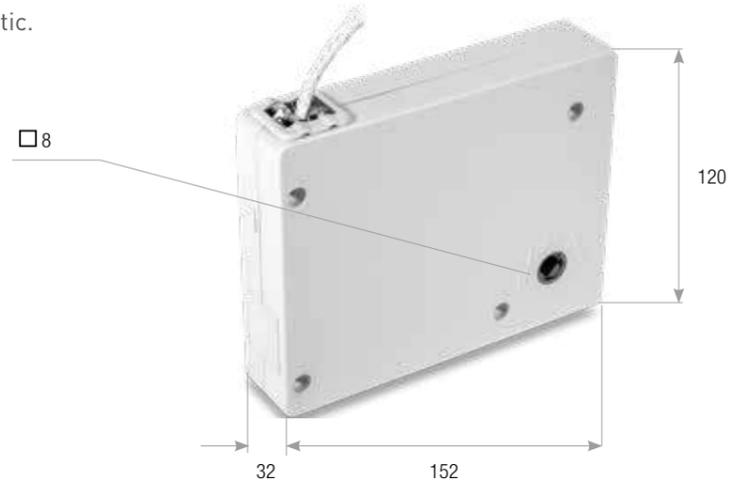
## APPLICATION



CODE	DESCRIPTION	PACKAGING
ARG.CT.1	with tape	20 pcs
ARG.SCT.1	without tape	20 pcs

# ROPE WINCH

• Material: Plastic.



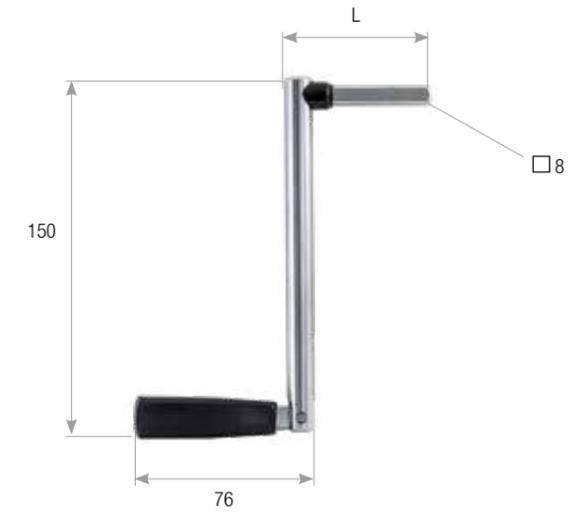
CODE	DESCRIPTION	PACKAGING
ARG.CD.1	with rope	20 pcs
ARG.SCD.1	without rope	20 pcs

# WINCH HANDLE

- Material: Chrome-plated iron.
- For winch:
  - ARG.CT.1 con tape
  - ARG.SCT.1 without tape
  - ARG.CD.1 with rope
  - ARG.SCD.1 without rope

CODE	PACKAGING
MA.ARG.1	20 pcs

## APPLICATION



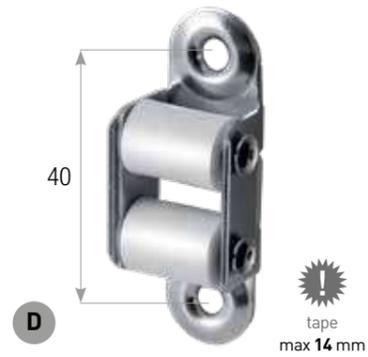
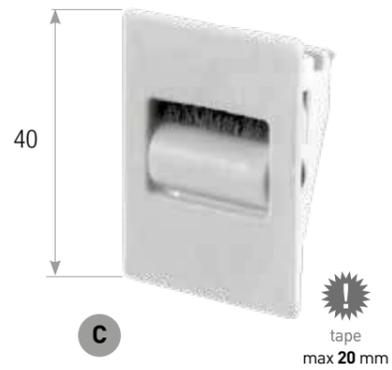
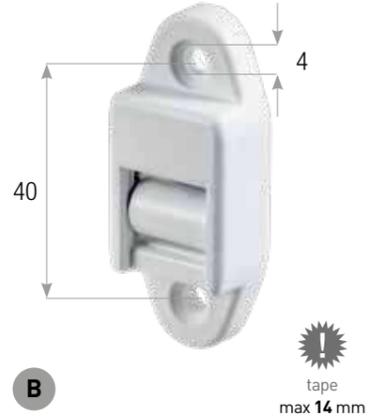


## 11 MINI ACCESSORIES

# VERTICAL MINI TAPE GUIDES

- Material: Nylon and zinc-plated steel.
- For 14 mm and 20 mm Nylon tape.

## APPLICATION

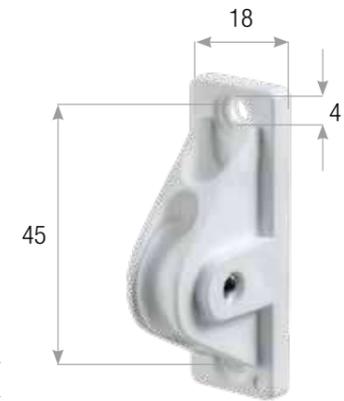


CODE		WIDTH/HEIGHT	CENTRE DISTANCE	MAX TAPE	HOLES	MATERIAL	PACKAGING
<b>GC.01.MN</b>	<b>A</b>	23 x 55 mm	40 mm	14 mm	4 mm	Nylon	500 pcs
<b>GC.02.MN</b>	<b>B</b>	23 x 57 mm	40 mm	14 mm	4 mm	Nylon	500 pcs
<b>GC.03.MN</b>	<b>C</b>	30 x 40 mm		20 mm		Nylon	500 pcs
<b>GC.01.M</b>	<b>D</b>	16 x 55 mm	40 mm	14 mm	4 mm	Steel + Nylon	500 pcs

# VERTICAL ROPE GUIDE

- For 4 mm rope.
- Material: Nylon.

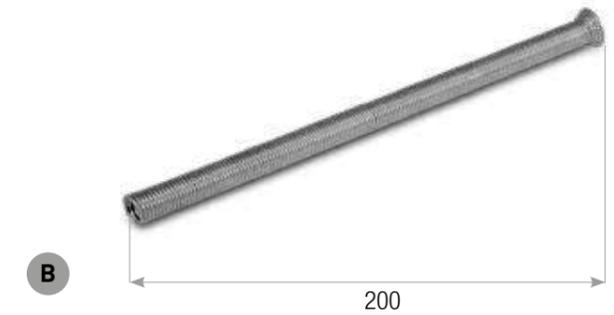
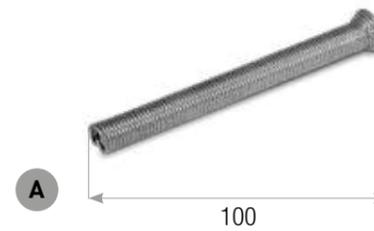
## APPLICATION



CODE	WIDTH/HEIGHT	CENTRE DISTANCE	PACKAGING
<b>RC.40</b>	18 x 56 mm	45 mm	500 pcs

# SPRINGS FOR ROPE GUIDE

- For 4 mm rope.
- Internal diameter 10 mm.
- Material: Zinc-plated steel.



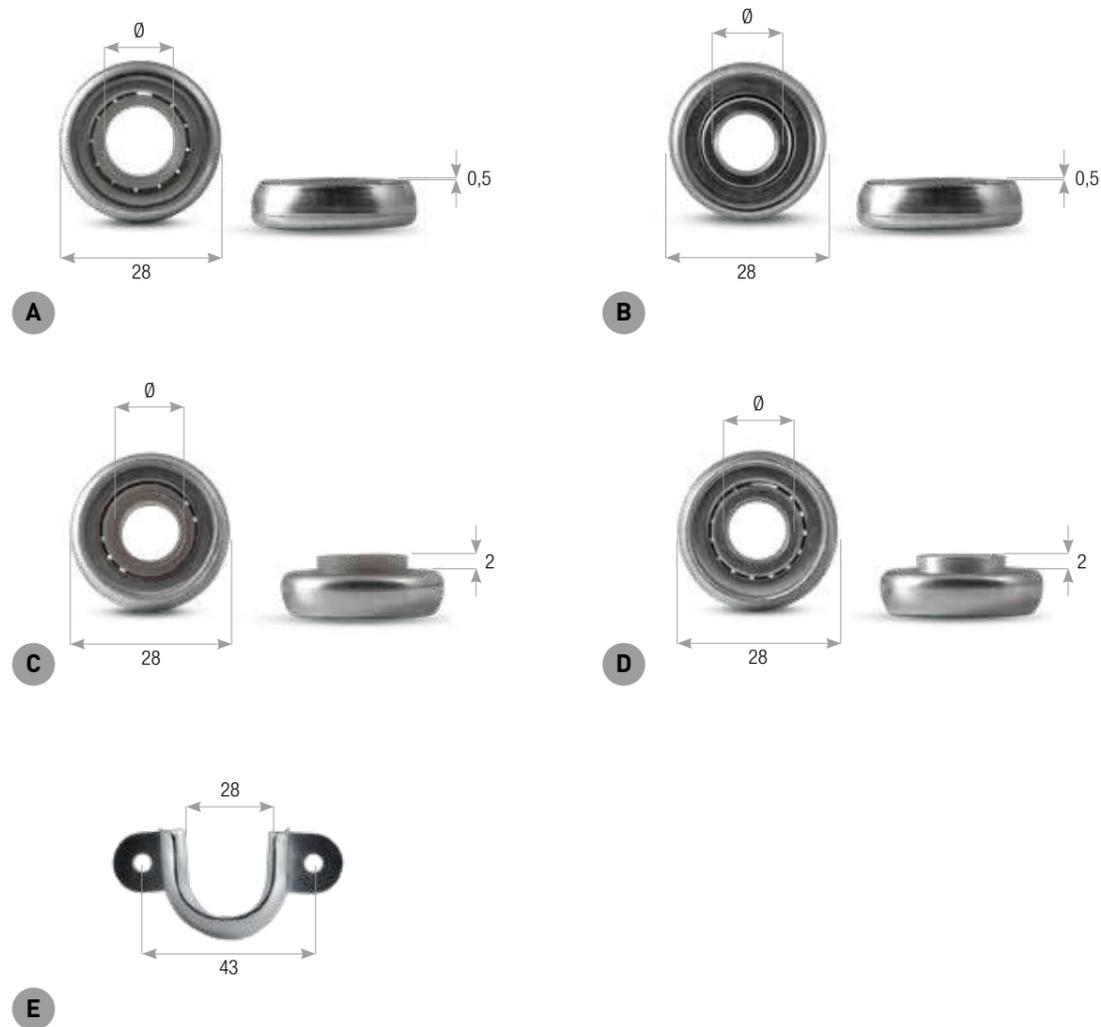
CODE		LENGTH	PACKAGING
<b>RC.50.10</b>	<b>A</b>	100 cm	500 pcs
<b>RC.50.20</b>	<b>B</b>	200 cm	500 pcs

# SHIELDED MINI BALL BEARINGS

APPLICATION



- Mini ball bearings  $\varnothing$  28 mm for mini system.



CODE	DESCRIPTION	$\varnothing$	H	BALL BEARING MATERIAL	PACKAGING
<b>CSM.10.05.N</b>	<b>A</b> Nylon low collar mini ball bearing	10 mm	0.5 mm	Nylon	500 pcs
<b>CSM.12.05.N</b>	<b>A</b> Nylon low collar mini ball bearing	12 mm	0.5 mm	Nylon	500 pcs
<b>CSM.10.05</b>	<b>B</b> Metal low collar mini ball bearing	10 mm	0.5 mm	Iron	500 pcs
<b>CSM.12.05</b>	<b>B</b> Metal low collar mini ball bearing	12 mm	0.5 mm	Iron	500 pcs
<b>CSM.10.2.N</b>	<b>C</b> Nylon high collar mini ball bearing	10 mm	2 mm	Nylon	500 pcs
<b>CSM.12.2.N</b>	<b>C</b> Nylon high collar mini ball bearing	12 mm	2 mm	Nylon	500 pcs
<b>CSM.10.2</b>	<b>D</b> Metal high collar mini ball bearing	10 mm	2 mm	Iron	500 pcs
<b>CSM.12.2</b>	<b>D</b> Metal high collar mini ball bearing	12 mm	2 mm	Iron	500 pcs

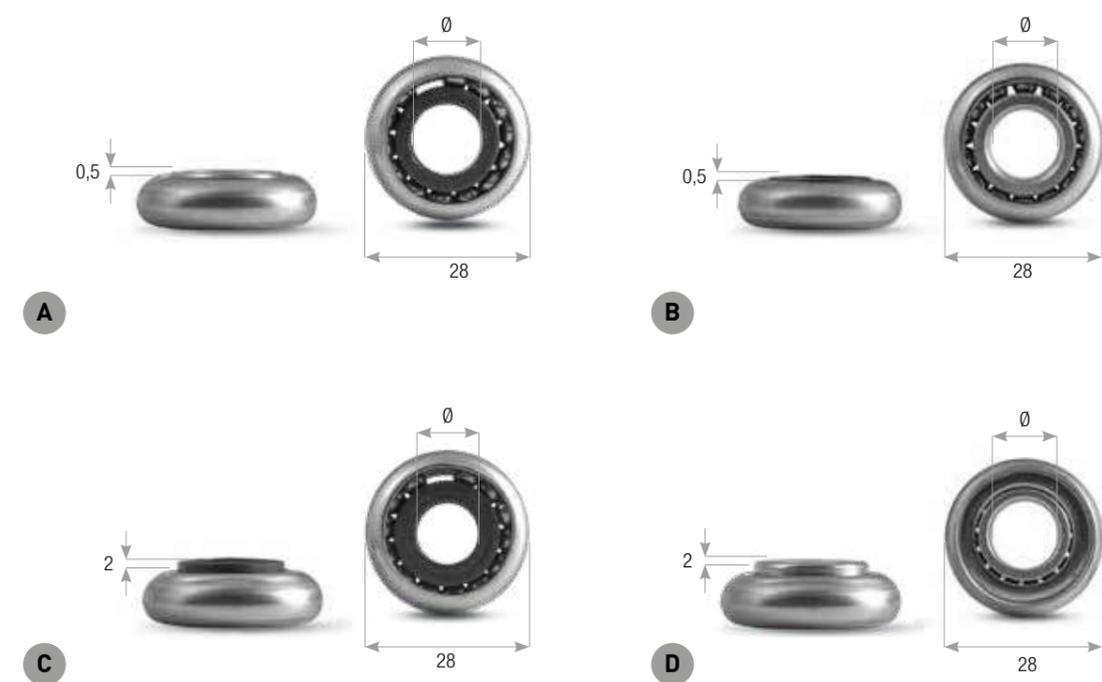
CODE	DESCRIPTION	HEIGHT	CENTRE DISTANCE	BALL BEARING	MATERIAL	PACKAGING
<b>SC.28.M</b>	Mini support for 28 mm ball bearing	27 mm	43 mm	28 mm	Plastic	500 pcs

# MINI BALL BEARINGS

APPLICATION



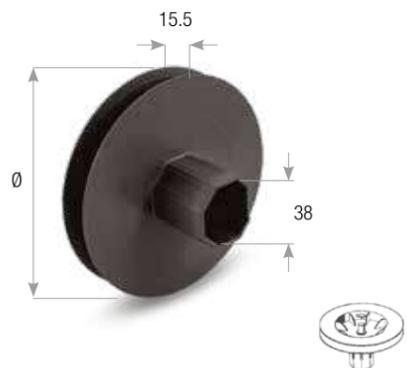
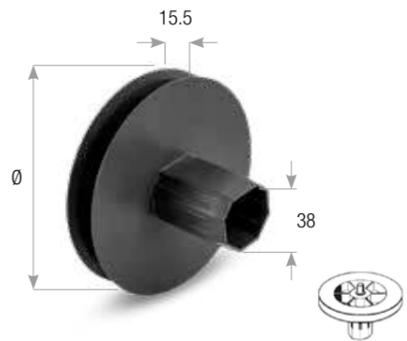
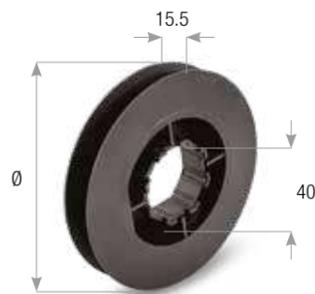
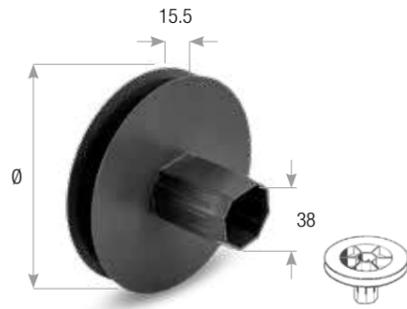
- Mini ball bearings  $\varnothing$  28 mm for mini system.



CODE	DESCRIPTION	$\varnothing$	H	BALL BEARING MATERIAL	PACKAGING
<b>CS.10.05.N</b>	<b>A</b> Nylon low collar mini ball bearing	10 mm	0.5 mm	Nylon	500 pcs
<b>CS.12.05.N</b>	<b>A</b> Nylon low collar mini ball bearing	12 mm	0.5 mm	Nylon	500 pcs
<b>CS.10.05</b>	<b>B</b> Metal low collar mini ball bearing	10 mm	0.5 mm	Iron	500 pcs
<b>CS.12.05</b>	<b>B</b> Metal low collar mini ball bearing	12 mm	0.5 mm	Iron	500 pcs
<b>CS.10.2.N</b>	<b>C</b> Nylon high collar mini ball bearing	10 mm	2 mm	Nylon	500 pcs
<b>CS.12.2.N</b>	<b>C</b> Nylon high collar mini ball bearing	12 mm	2 mm	Nylon	500 pcs
<b>CS.10.2</b>	<b>D</b> Metal high collar mini ball bearing	10 mm	2 mm	Iron	500 pcs
<b>CS.12.2</b>	<b>D</b> Metal high collar mini ball bearing	12 mm	2 mm	Iron	500 pcs

# MINI PULLEYS for octagonal roll 40

- Max tape: 15 mm.
- Material: ABS.



## Mini pulley for 28 mm ball bearing bracket

CODE	CAP	Ø	PACKAGING
PP.90.MC	38 mm for roll 40	90 mm	100 pcs
PP.100.MC	38 mm for roll 40	100 mm	100 pcs
PP.115.MC	38 mm for roll 40	115 mm	100 pcs
PP.125.MC	38 mm for roll 40	125 mm	100 pcs
PP.140.MC	38 mm for roll 40	140 mm	100 pcs
PP.155.MC	38 mm for roll 40	155 mm	100 pcs
PP.170.MC	38 mm for roll 40	170 mm	100 pcs

## Mini through pulley

CODE	OCTAGONAL HOLE	Ø	PACKAGING
PP.90.MP	40 mm	90 mm	200 pcs
PP.100.MP	40 mm	100 mm	200 pcs
PP.115.MP	40 mm	115 mm	200 pcs
PP.125.MP	40 mm	125 mm	200 pcs
PP.140.MP	40 mm	140 mm	200 pcs
PP.155.MP	40 mm	155 mm	200 pcs
PP.170.MP	40 mm	170 mm	200 pcs

## Mini pulley with external pin

CODE	ROUND PIN	Ø	PACKAGING
PP.90.ME	10 mm	90 mm	100 pcs
PP.100.ME	10 mm	100 mm	100 pcs
PP.115.ME	10 mm	115 mm	100 pcs
PP.125.ME	10 mm	125 mm	100 pcs
PP.140.ME	10 mm	140 mm	100 pcs
PP.155.ME	10 mm	155 mm	100 pcs
PP.170.ME	10 mm	170 mm	100 pcs

## Mini pulley with internal pin

CODE	ROUND PIN	Ø	PACKAGING
PP.115.MI	10 mm	115 mm	100 pcs
PP.125.MI	10 mm	125 mm	100 pcs
PP.140.MI	10 mm	140 mm	100 pcs
PP.155.MI	10 mm	155 mm	100 pcs
PP.170.MI	10 mm	170 mm	100 pcs

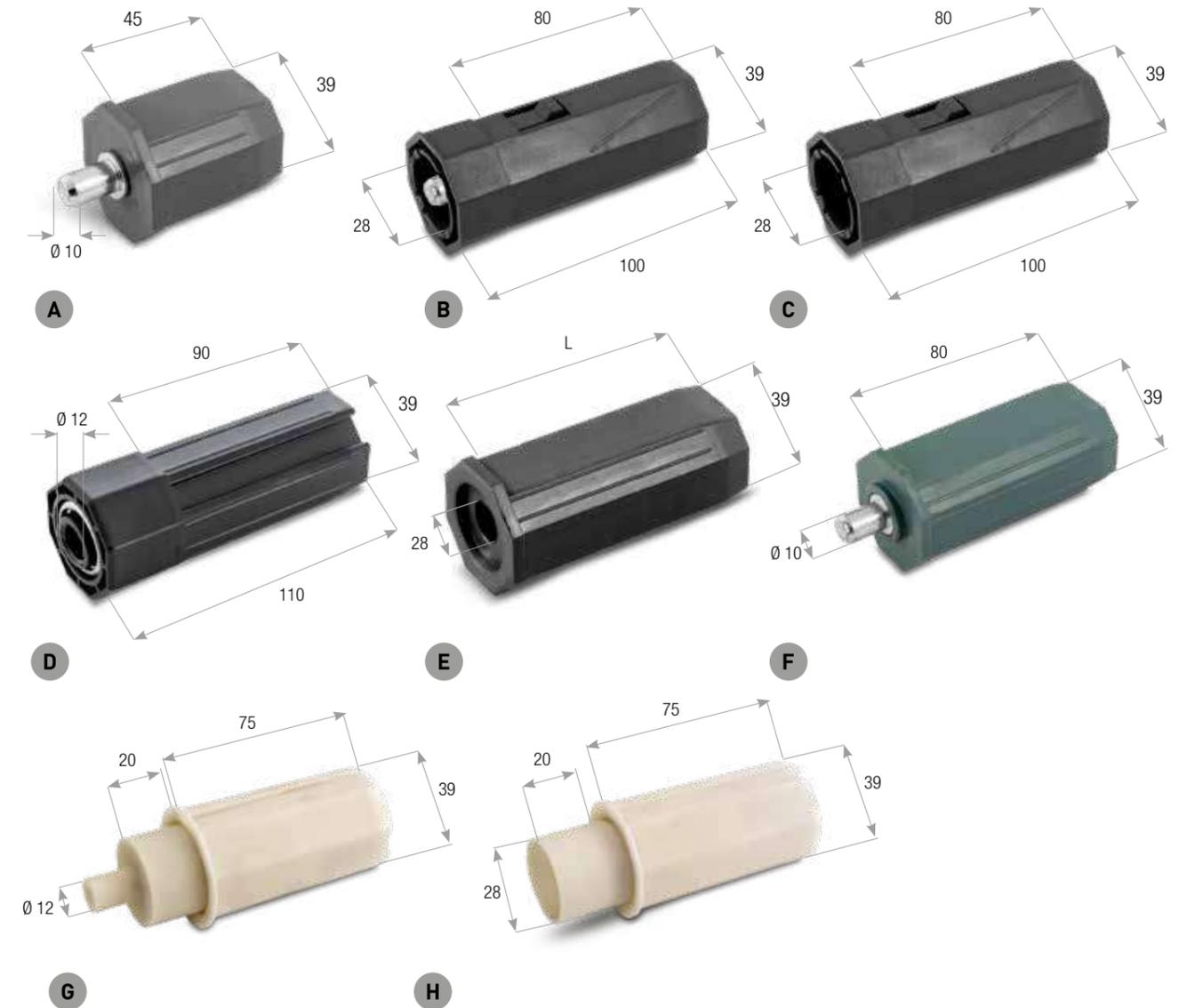
### APPLICATION



# MINI CAPS 40 mm

- Diameter 39 for octagonal roll 40.

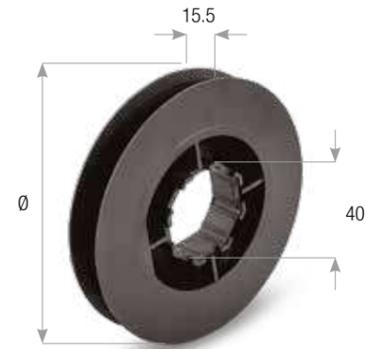
### APPLICATION



CODE	DESCRIPTION	LENGTH	PIN	BALL BEARING	MATERIAL	PACKAGING
KP.40.45.ME	A Mini cap 40 mm external pin	45 mm	10 mm		ABS	200 pcs
KP.40.100.MI	B Mini telescopic cap 40 mm internal pin	80 mm	10 mm		ABS	100 pcs
KP.40.100.MC	C Mini telescopic cap 40 mm internal pin, for ball bearing	80 mm	10 mm	28 mm	ABS	100 pcs
KP.40.110.MC	D Mini telescopic cap 40 mm with ball bearing	45 mm		28 mm	ABS	200 pcs
KP.40.45.MC	E 40 mm mini cap, 28 mm ball bearing bracket	45 mm		28 mm	ABS	200 pcs
KP.40.80.MC	F 40 mm mini cap, 28 mm ball bearing bracket	80 mm		28 mm	ABS	100 pcs
KP.40.80.ME	F Mini cap 40 mm external pin	80 mm	10 mm		ABS	100 pcs
KP.40.TP	G Mini telescopic cap 40 mm with Nylon pin	75 mm	10 mm		Nylon	250 pcs
KP.40.TC	H Mini telescopic cap 40 mm for 28 mm ball bearing	75 mm		28 mm	Nylon	250 pcs

# MINI THROUGH PULLEY for octagonal roll 50

- Max tape: 15 mm.
- Material: ABS.



APPLICATION



CODE	OCTAGONAL HOLE	Ø	PACKAGING
PP.90.MP	40 mm	90 mm	100 pcs
PP.100.MP	40 mm	100 mm	100 pcs
PP.115.MP	40 mm	115 mm	100 pcs
PP.125.MP	40 mm	125 mm	100 pcs
PP.140.MP	40 mm	140 mm	100 pcs
PP.155.MP	40 mm	155 mm	100 pcs
PP.170.MP	40 mm	170 mm	100 pcs

# ADAPTOR for octagonal roll 50

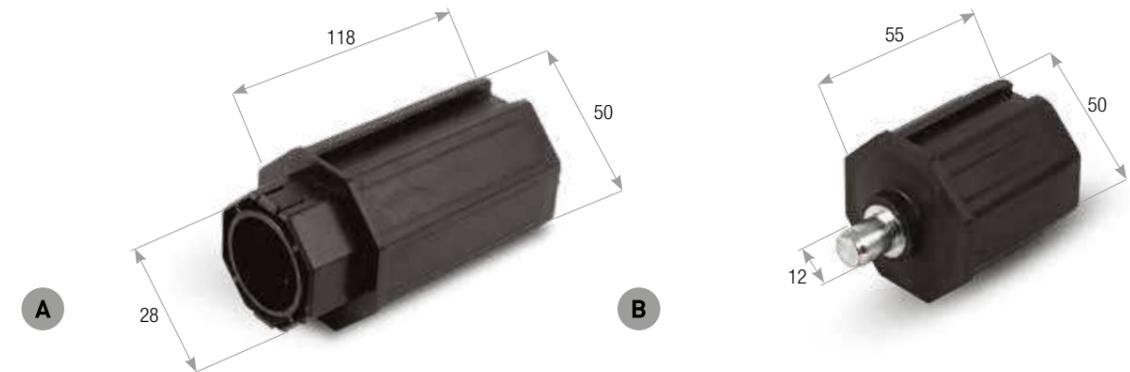
- Material: Nylon.



CODE	EXTERNAL Ø	INTERNAL Ø	PACKAGING
AR.40.50	52 mm	40 mm	100 pcs

# PLASTIC CAPS for octagonal roll 50

- Material: ABS.



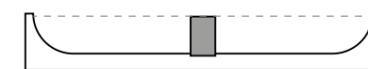
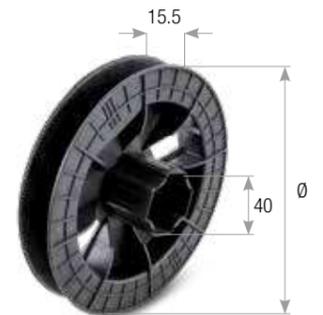
APPLICATION



CODE	DESCRIPTION	LENGTH	PIN	BALL BEARING	MATERIAL	PACKAGING
KP.50.118	A Plastic cap 50 mm	118 mm		28 mm	Plastic	100 pcs
KP.50.55	B Plastic cap 50 mm	58 mm	12 mm		Plastic	200 pcs

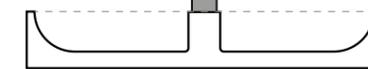
# COMPACT SIZE SYSTEM for octagonal roll 50

- ABS pulley.



Internal pin

CODE	Ø	PACKAGING
PP.50.18.PI	180 mm	10 pcs
PP.50.20.PI	200 mm	10 pcs
PP.50.22.PI	220 mm	10 pcs



Flush pin

CODE	Ø	PACKAGING
PP.50.18.PF	180 mm	10 pcs
PP.50.20.PF	200 mm	10 pcs
PP.50.22.PF	220 mm	10 pcs



External pin

CODE	Ø	PACKAGING
PP.50.18.PE	180 mm	10 pcs
PP.50.20.PE	200 mm	10 pcs
PP.50.22.PE	220 mm	10 pcs

# GENERAL SALES TERMS

- 1) **Orders** - Orders are understood to be conferred upon us and accepted by us based on the conditions listed below and become binding for us only after we have issued regular order confirmations. The buyer must raise any discrepancies found in our order confirmation within 5 days of the date of confirmation; failure to do so means the buyer is obliged to accept the goods as confirmed.
- 2) **Prices** - The prices indicated in the price list are not binding, with our company reserving the right to change them should any extraordinary and unforeseen circumstances alter the conditions existing at the date of conclusion of the contract, subject to written notice. Contracts concluded by the seller's agents or representatives are only final after they have been duly confirmed by Cherubini Mi-Metal.
- 3) **Delivery of goods** - The goods are always transported at the buyer's risk, even when delivery has been agreed to be free of charge to the destination.
- 4) **Payments** - Invoices must be paid according to the forms, methods and terms indicated therein; after the due date, an interest rate of 3% per annum will accrue in addition to the official discount rate in force at the due date. Cherubini Mi-Metal will exercise the right of Retained Title, i.e. ownership of the goods will remain ours until the customer has paid the full amount.
- 5) **Deliveries** - The expected or agreed delivery times will generally be adhered to, provided that no conditions arise that would disrupt the stages of preparing the goods. Delivery delays, whatever the cause, do not entitle the customer to claim damages.
- 6) **Complaints** - After 8 days from the arrival of the goods at the recipient, they are considered fully accepted. To be valid, any claim must be made in writing and addressed to Cherubini Mi-Metal, by means of registered letter or certified email, within 8 days from the date of receipt of the goods. In the event of errors or manufacturing defects reported to us within 8 days of delivery and acknowledged by us as such, the defective goods will be replaced at the designated port as soon as possible. However, any obligation on the part of our company to provide indemnity, compensation or damages for direct or indirect losses due to obvious or hidden faults or defects in the goods is excluded. Repairs or replacements will be carried out exclusively at our premises. Payment delays by the buyer suspend or cancel any warranty.
- 7) For any dispute or contestation relating to this contract, the only competent Judicial Authority is that of Vicenza.

# WARRANTY

CHERUBINI MI-METAL PRODUCTS ARE GUARANTEED UNDER THE FOLLOWING CONDITIONS:

## DURATION

The warranty granted is five (5) years for accessories and tubular motors and two (2) years for electronic components, control systems and automation starting from the date of manufacture.

## APPLICATION OF THE WARRANTY

Our responsibility is limited to the repair or simple replacement in the shortest possible time of the Cherubini Mi-Metal components recognised as defective and without any other charges whatsoever. The replaced products remain our property and the transport costs for this operation are the responsibility of the customer, with no obligation on our part to intervene at the site of the defect.

## LIMIT OF THE WARRANTY

The warranty is automatically suspended if:

- A product/component has been opened or disassembled or returned with obvious signs of impact or other damage.
- The product selection criteria have not been met.
- The assembly and electrical connection instructions have not been followed.
- Our manufactured motors have been used for purposes other than those for which they were intended, or with accessories not approved by our technical service.
- The accessories have been used without adhering to the designs for which they were conceived.

## LIMITATION OF USE OF PRODUCTS

Cherubini Mi-Metal products have been designed and manufactured for applications on closure and solar protection products in construction (blinds, shutters, screens) that do not require continuous use. These products must be installed in accordance with IEC electrical regulations and other specific legal standards applicable at the time of installation or design.



Cherubini Mi-Metal reserves the right to make changes to the products in this catalogue without prior notice.

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