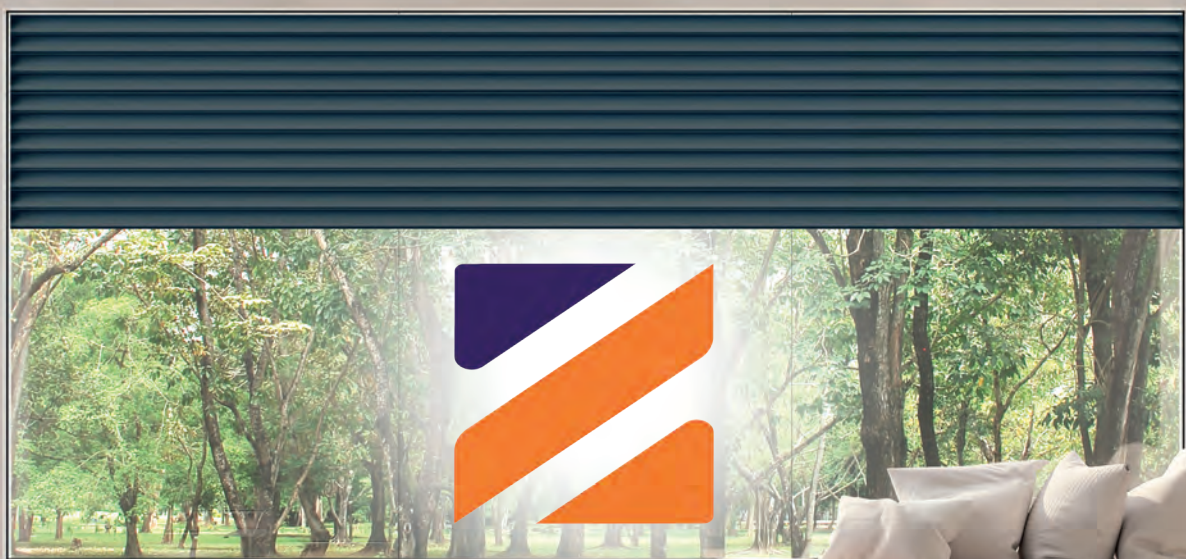


GENERAL CATALOG

2021



ENGLISH
EDITION

ZURFLÜH-FELLER

DESIGN AND MANUFACTURING OF COMPONENTS FOR
ROLLER SHUTTERS

www.zurfluh-feller.com

Zurflüh-Feller has been designing, developing and manufacturing systems and solutions for exterior closures in the building sector since 1920 and today is the European leader in roller shutter components.

Zurflüh-Feller has positioned itself as a major partner for door and window specialists, manufacturers of rolling doors and shutters, suppliers of PVC and aluminium systems, and motor manufacturers.

Customers look to Zurflüh-Feller, a leading innovator in the field of closures, for a constant stream of new products that meet three essential requirements:

Easy to fit and use
Efficient
Outstanding quality

Offering everything from standard components, assemblies and subassemblies to tailored solutions, Zurflüh-Feller brings its customers the best technology, tailored to their precise needs, each and every day.

OUR LOCATIONS

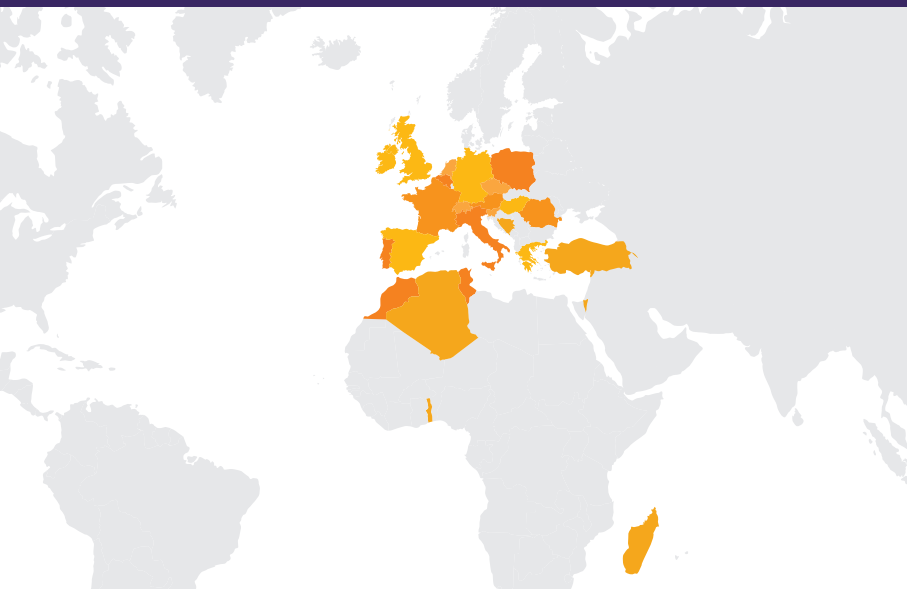
1. Autechaux-Roide
2. Noirefontaine

OUR PARTNERS

3. Profilmar
4. Eckermann



BESPOKE SERVICE, INDUSTRIAL MUSCLE



STRONG INTERNATIONAL PRESENCE

*2019 figures



Turnover* of €62 million of which 20% through exports



Over 350 employees



29,000 m2 of production facilities



20,000 orders per year



10% of annual turnover invested in industrial equipment and R&D



4,500 product references

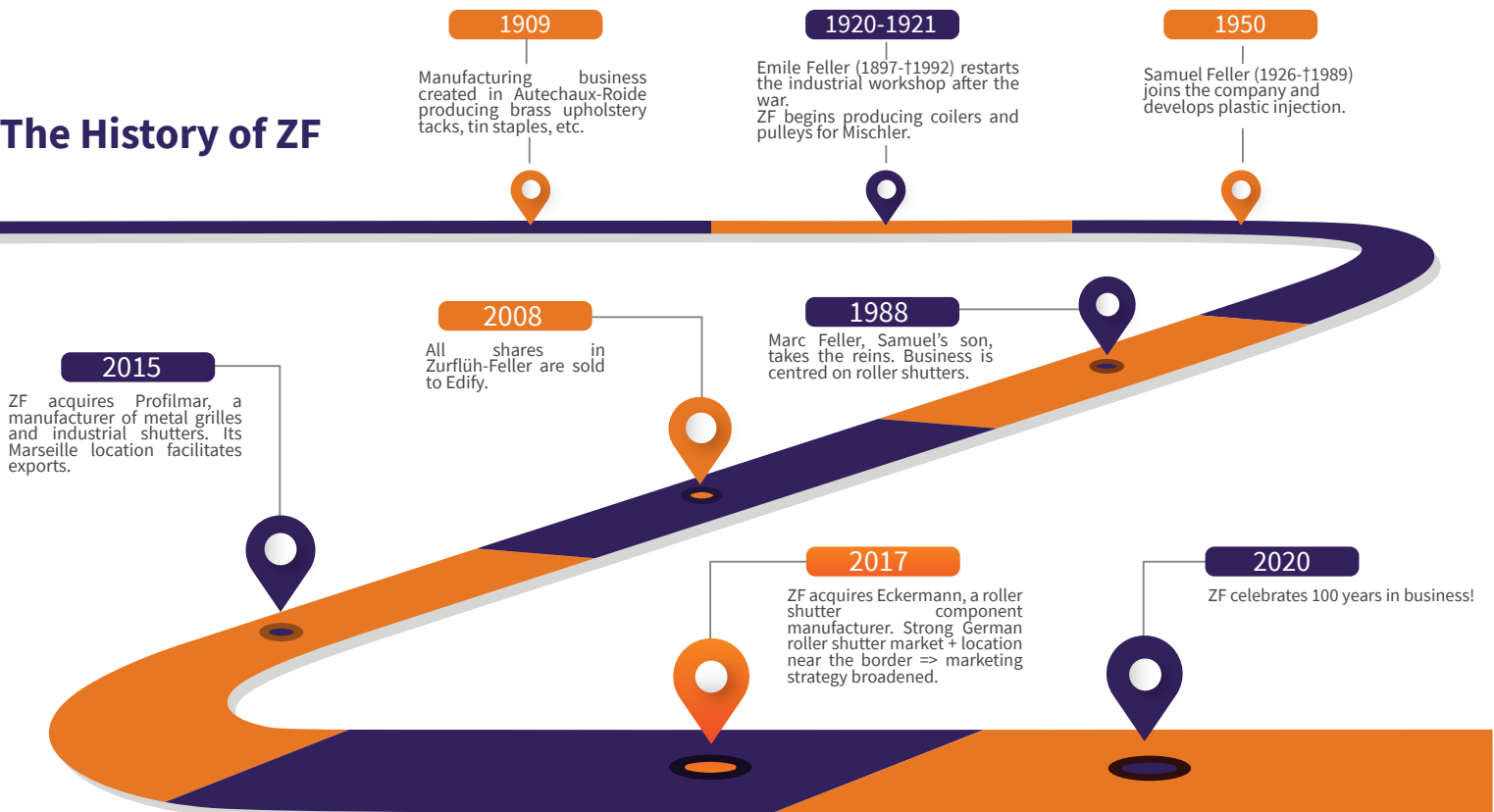


A SALES TEAM AT YOUR SERVICE

- Available in France and abroad
- Technical advice focused on your needs
- & ZF extra services:
 - Optimized logistics
 - A technical partnership ranging from advice to codevelopment

100 YEARS IN BUSINESS

The History of ZF



ZURFLÜH-FELLER

NOTES

A series of horizontal dotted lines for writing notes, spanning the width of the page.



ZURFLÜH-FELLER

GENERAL CATALOGUE

SUMMARY

▶ STANDARD COMPONENTS	05
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STANDARD COMPONENTS

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NOTES

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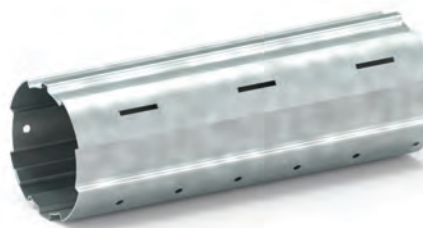
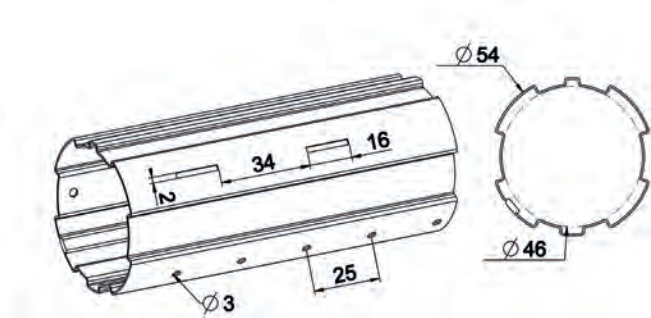
TUBES

▼ ZF TUBES	08
▼ TECHNICAL DATA	09
▼ TUBE Ø 101.6	10
▼ TECHNICAL DATA TUBE Ø 101.6	10
▼ RINGS	11



ZF54 TUBE

A141D



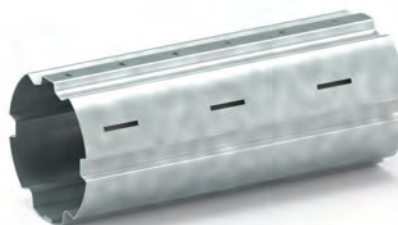
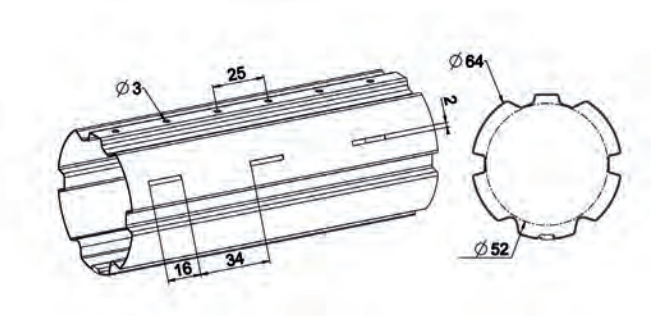
Features

Double sided galvanized steel. 275g zinc per sq.m.
Weight per LM = 0,745 kg

RÉF.	TYPE	THICK.	NET WEIGHT	PACK.
A141D	with wooden starpping.	0,5 mm	498 kg	658 m bundle - 7 meters - 94 tubes

ZF64 TUBE

A124C



Features

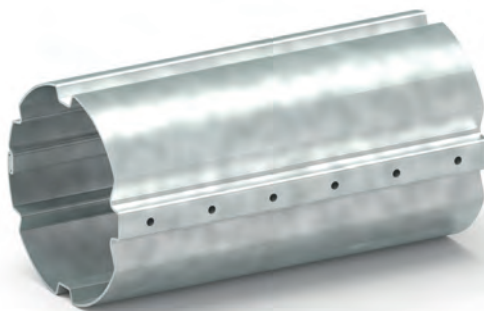
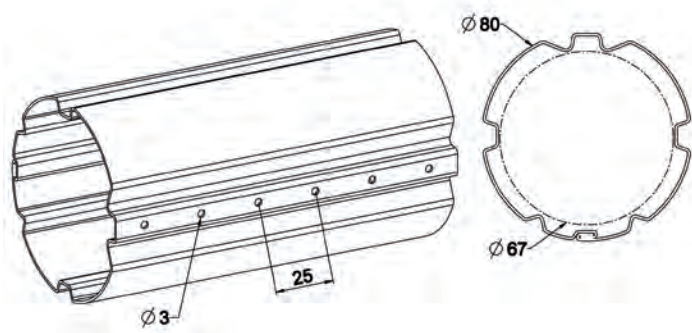
Double sided galvanized steel. 275g zinc per sq.m.
Weight per LM = 0,925 kg for 0,5 th.
Weight per LM = 1,105kg for 0,6 th. Weight per LM = 1,42 kg for 0,8th.

RÉF.	TYPE	THICK.	NET WEIGHT	PACK.
A124C	with wooden starpping	0,5 mm	408 kg	441m bundle- 7meters - 63 tubes
A125C	with wooden starpping	0,6 mm	485 kg	441m bundle- 7meters - 63 tubes
A126C	with wooden starpping	0,8 mm	644 kg	441m bundle- 7meters - 63 tubes



ZF80 TUBE

A135C



Features

Double sided galvanized steel. 275g zinc per sq.m.

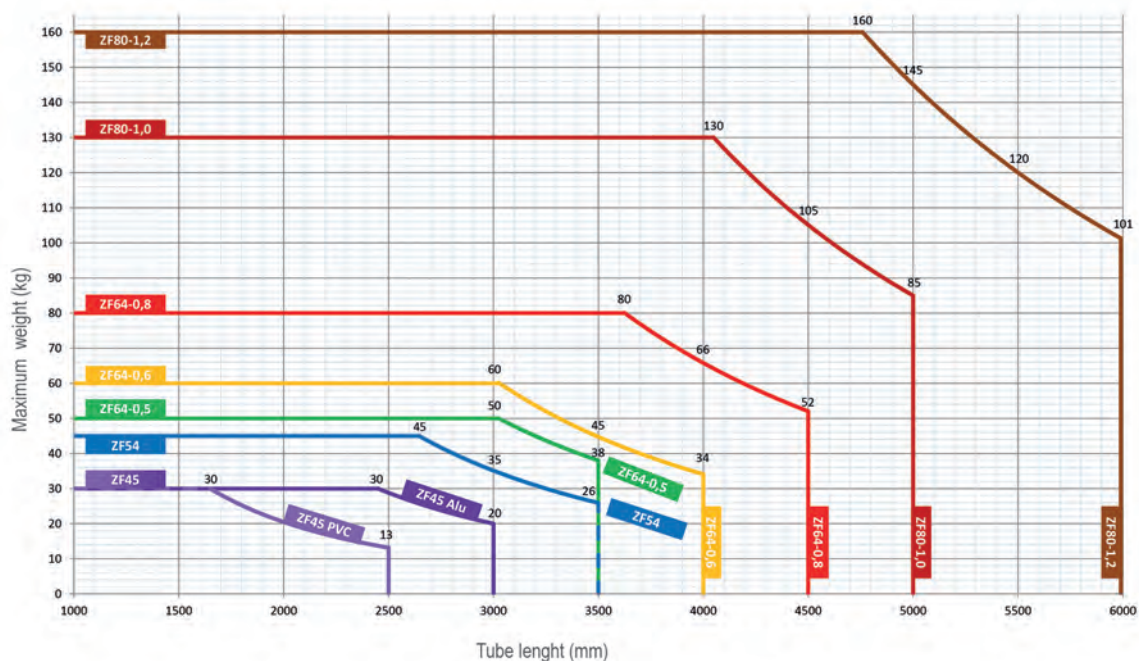
Weight per LM = 2,23 kg for &1,0 th.

Weight per LM = 2,7kg for 1,2 th.

RÉF.	TYPE	THICK.	NET WEIGHT	PACK.
A135C	with wooden starrping	1 mm	610 kg	273 m bundle -7 meters - 39 tubes
A136C	with wooden starrping	1,2 mm	740 kg	273 m bundle -7 meters - 39 tubes

TECHNICAL DATA ZF TUBE

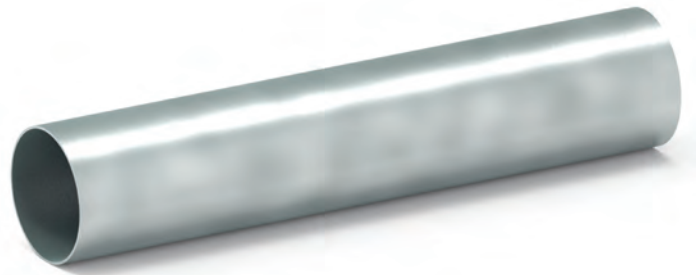
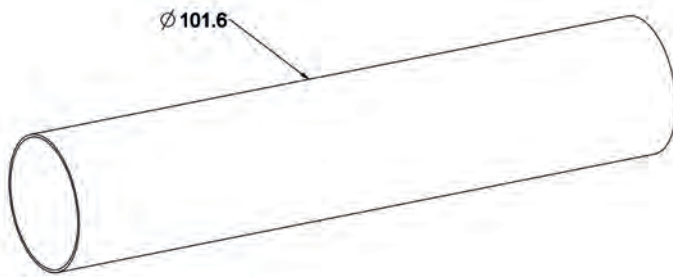
Maximum weight (including strengthening effect of aluminium slats. maximum deflection 3mm/m)





Ø 101,6 TUBE

M100A

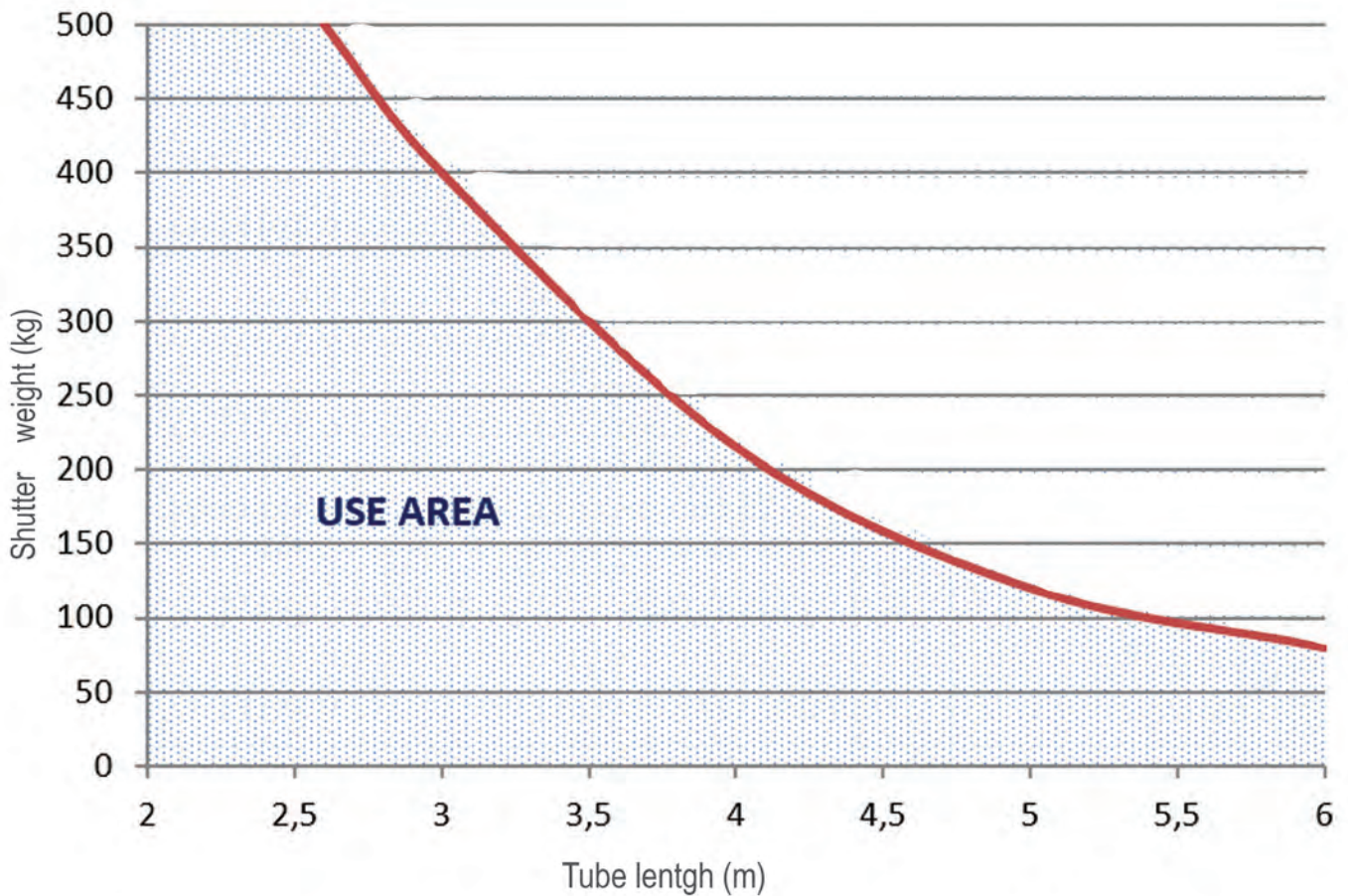


Features

Double sided galvanized steel. 275g zinc per sq.m.
Weight per LM = 4,85 kg

RÉF.	TYPE	THICK.	NET WEIGHT	PACK.
M100	3 stainless steel strapping	2mm	141 kg	58 m bundle (5,8m tubes)

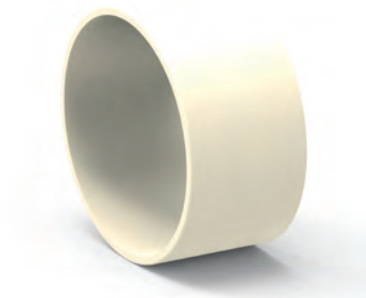
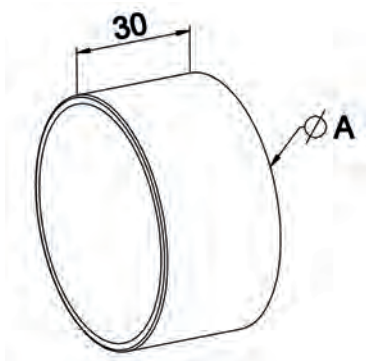
TECHNICAL DATA TUBES Ø101,6





RINGS

A562A



Features

PP

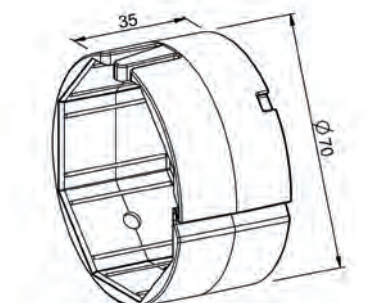
Use

Used in combination with siding flange

REF	TYPE	ØA	PACK.
A562A	ZF54	59	200
A563	ZF64	69	200

RINGS

A560



NEW

Features

PP

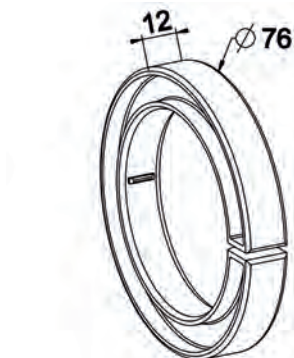
Use

By screwing or clipping on OCTA 60.

RÉF.	TYPE	PACK.
A560	OCTA 60	50

DISTANCE RING ZF54

A564A



Features

PP

Use

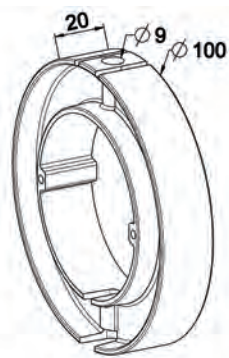
For enlarging the diameter of the tube for a better winding in certain types of shutters according to the fixing lock and slat type chosen.

RÉF.	PACK.
A564A	600



DISTANCE RING ZF64

A564



Features

PA

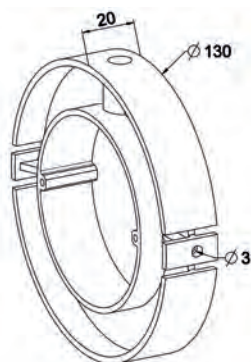
Use

For a better winding of big slats (pitch > 50).

RÉF.	PACK.
A564	200

DISTANCE RING ZF80

A565



Features

PA

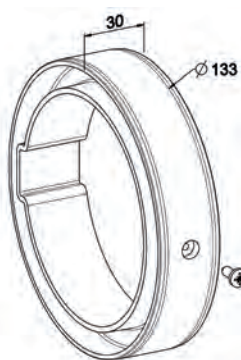
Use

For a better winding of big slats (pitch > 50).

RÉF.	PACK.
A565	100

DISTANCE RINGS Ø 101,6

M101



Features

PP

Use

For 101,6 tube. Delivered with screw.

RÉF.	PACK.
M101	50



ACCESSORIES

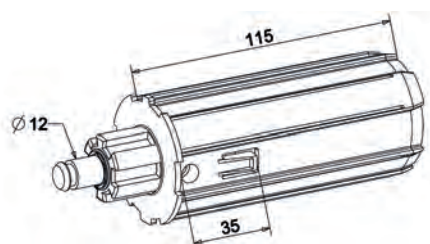
▼ DUMMY ENDS	15
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ZF54 CAP MALE CLAW COUPLING / 12MM PIN

A321B

ZF54



Features

PA and zinc coated steel

Use

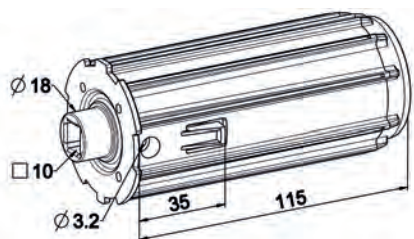
For assemblies type built-in Tradi Zedef , gear with :
 -gearbox and pulley ZF claw coupling
 -on opposite side
 - blocking with fork reference A640.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A321B	25 kg	100

RETRACTABLE CAP FOR ZF 54 TUBE. 18 MM PIN / 10 MM SQUARE

A490A

ZF54



Features

PA

Use

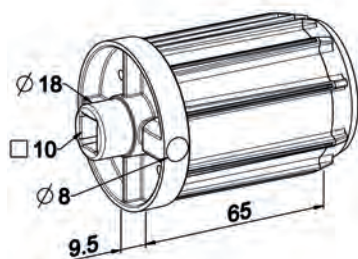
Mounted on gear side or opposite side in assemblies out of endcaps.
 Stop at 35 mm for retractability.
 Boring D. 3.2 for blocking screw on axle 10 mm square : D. 3.9 L= 13 RÉF. 4243.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A490A	20 kg	100

SHORT CAP ZF54 18MM PIN / 10MM SQUARE

A495A

ZF54



Features

PA

Use

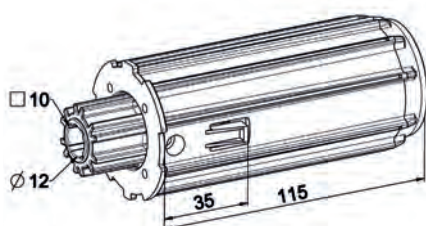
Mounted on gear side or opposite side in assemblies out of endcaps.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A495A	16 kg	200

RETRACTABLE CAP FOR ZF 54 TUBE.MALE CLAW COUPLING 12MM/10MM SQUARE

A490B

ZF54



Features

PA

Use

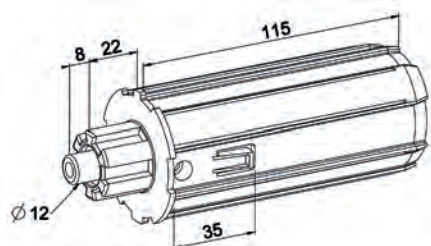
Mounted on gear side or opposite side.
 Used in assemblies with 12 mm pins.
 Mounted on gearboxes or pulleys with ZF claw coupling.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A490B	20 kg	100

RETRACTABLE CAP FOR ZF 54 TUBE MALE CLAW COUPLING/ 12MM

ZF54

A490C



Features

PA

Use

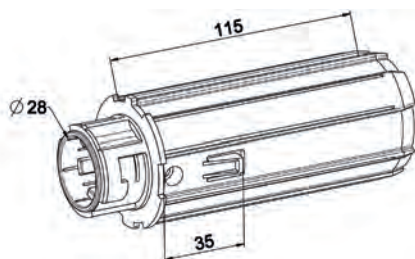
Mounted on gear side or opposite side.
 Used in assemblies with bearing D. 12
 Mounted on gearboxes or pulleys with ZF claw coupling.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A490C	20 kg	100

RETRACTABLE CAP FOR ZF 54 TUBE FEMALE CLAW COUPLING / 28MM BEARING

ZF54

A490D



Features

PA

Use

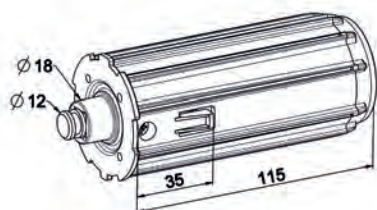
Mounted on gear side or opposite side.
 Used in assemblies with 12mm pins.
 To be used with 28mm bearing or ZF claw coupling.
 For mounting plates or clippable pulleys.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A490D	20 kg	100

CAP FOR ZF 54 TUBE Ø 18 / AXLE D12

ZF54

A490T



Features

PA + Zinc steel

Use

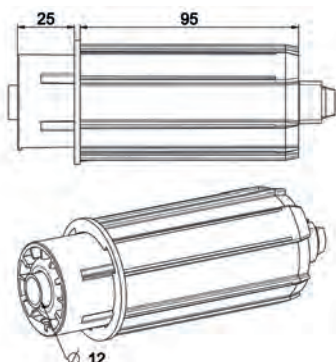
Mounted on opposite side, setting on bearing or ball bearing D. 28.
 Blocking on bracket or plate with article RÉF. A640.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A490T	25 kg	100

PISTON CAP FOR ZF54

ZF54

A492A



Features

PA

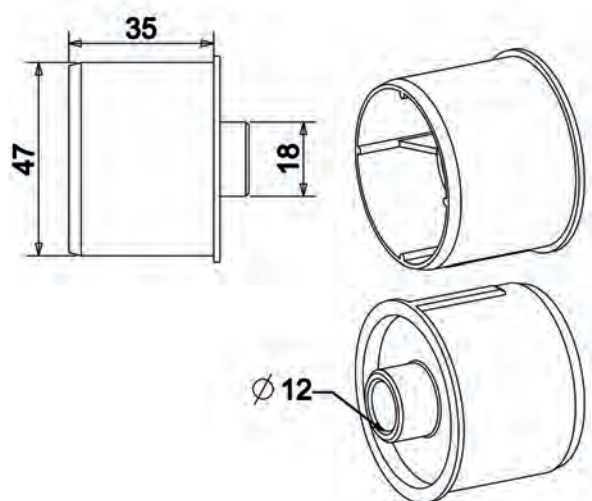
Use

On opposite side on 12mm pin.
 Thanks to the 25 mm retractability travel is the dismantling of the roller shutter in the box easier.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A492A	16 kg	80

SHORT CAP ZF54

A784



ZF54

Features

PA

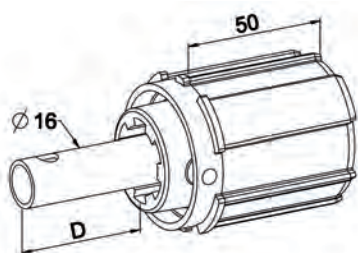
Use

On opposite side on 12mm pin or 18 mm bearing.
Fits with ZF 54 tube with no adaptor

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A784	10 kg	100

CAP FOR ZF 54 TUBE WITH TUBE D.16

A850



ZF54

Features

PA

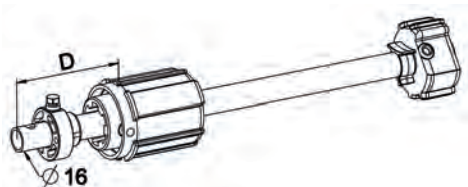
Use

To be used with pin bracket.
Assembly with conical gearbox and Conipact gearbox.
Mounted on opposite side.
For roller shutter L < 1.5 m or 15 kg maxi.

RÉF.	TYPE	D	MAX. SHUTTER WEIGHT	PACK.
A850	gear side	44	16 kg	100
A850H	opposite side	22.5	16 kg	100

ADJUSTABLE DUMMY END FOR ZF 54 TUBE D. 16

A850A



ZF54

Features

PA + Zinc steel

Use

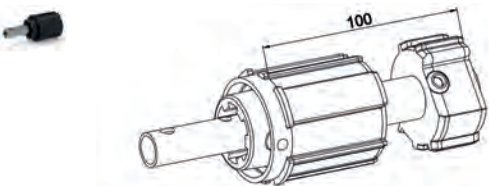
Mounted on pin bracket.
Mounted on opposite side, for adapting the length of the axe without machining.

RÉF.	TYPE	D MAX.	MAX. SHUTTER WEIGHT	PACK.
A850A	Tube L320	100	40 kg	50
A850C	Tube L220	90	34 kg	50

DUMMY END FOR ZF 54 TUBE FOR D. 16

A850B

ZF54



Features

PA + Zinc steel

Use

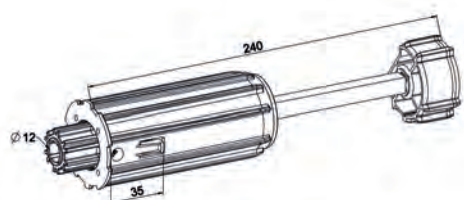
Mounted on pin bracket.
 Assembly with every conical gearbox and Conipact gearbox.
 Mounted on opposite side.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A850B	40 kg	50

RETRACTABLE DUMMY END FOR ZF 54 TUBE FOR 12MM PIN MALE CLAW COUPLING

A491

ZF54



Features

PA + Zinc steel

Use

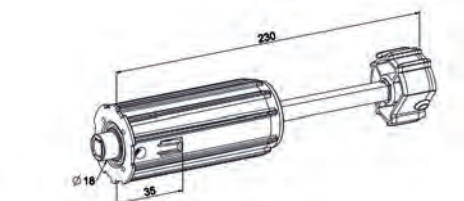
On gear side with gearbox with claw coupling.
 On opposite side, mounted on 12mm pin

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A491	40 kg	50

RETRACTABLE PINBLOCK FOR ZF 54 TUBE 18MM BEARING

A491A

ZF54



Features

PA + Zinc steel

Use

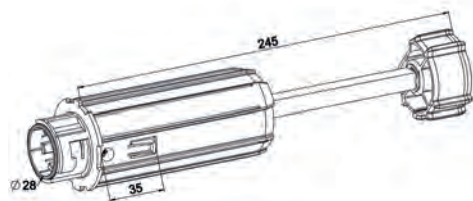
On opposite side, mounted on bearing D. 18.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A491A	40 kg	50

RETRACTABLE DUMMY END FOR 28MM BEARING OR ZF CLAW COUPLING

A491C

ZF54



Features

PA + Zinc steel

Use

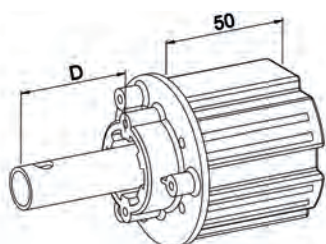
On opposite side with 28mm bearing or ZF claw coupling

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A491C	40 kg	50

CAP FOR ZF64 TUBE D16

A296

ZF64



Features

PA

Use

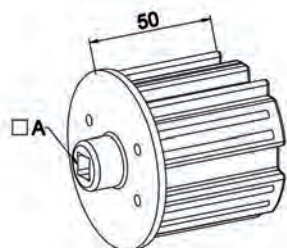
Installation on pin bracket.
Used for width of shutters < 1,5 m or 15 kg maxi.

RÉF.	TYPE	D	MAX. SHUTTER WEIGHT	PACK.
A296	gear side	44	16 kg	100
A297	opposite side	22.5	16 kg	100

CAP FOR ZF 64 TUBE BEARING D18

A300A

ZF64



Features

PA

Use

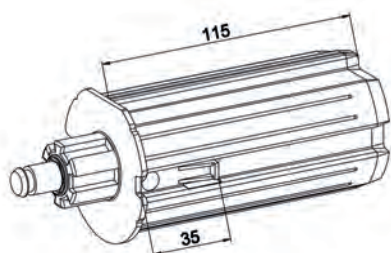
On gear side or opposite side.

RÉF.	TYPE	MAX. SHUTTER WEIGHT	PACK.
A300A	8 mm square without outlet.	16 kg	100
A300C	8 mm square with outlet	16 kg	100

CAP FOR ZF 64 TUBE MALE CLAW COUPLING + 12 MM PIN

A321

ZF64



Features

PA + Zinc steel

Use

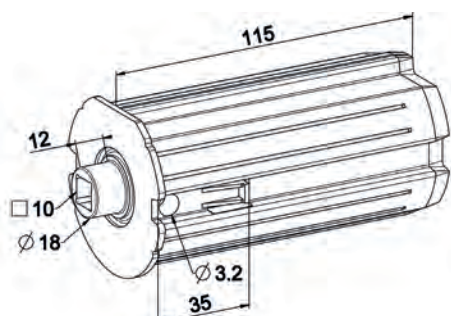
For assemblies type built-in Tradi Zedef
-gearbox and pulley ZF claw coupling
-on opposite side
- blocking with fork RÉF. A640.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A321	25 kg	100

RETRACTABLE CAP FOR ZF 64 TUBE BEARING D. 18 / 10 MM SQUARE

A322A

ZF64



Features

PA + Zinc steel

Use

On gear side or opposite side in assemblies out of endcap.
Stop at 35 mm for retractability.
Boring : D. 3.2 for mounting the screw that blocks the 10mm square shaft D. 3.9 L= 13 RÉF. 4243.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A322A	20 kg	100



RETRACTABLE CAP FOR ZF 64 TUBE BEARING D. 18 / 10 MM SQUARE

ZF64

A322ALN

Features

PA

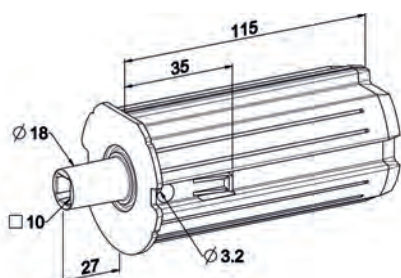
Use

On gear side or opposite side in assemblies out of endcap.

Stop at 35 mm for retractability.

Boring : D. 3.2 for mounting the screw that blocks the 10mm square shaft D. 3.9 L= 13 RÉF. 4243.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A322ALN	20 kg	100



RETRACTABLE CAP FOR ZF 64 TUBE BEARING D. 28

ZF64

A322D

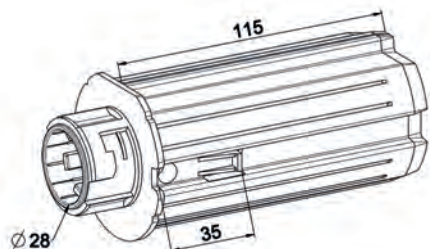
Features

PA

Use

On gear side or opposite side on a 12mm pin.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A322D	20 kg	100



RETRACTABLE CAP FOR ZF 64 TUBE MALE CLAW COUPLING - 12 MM HOLE / 10 MM SQUARE

ZF64

A322B

Features

PA

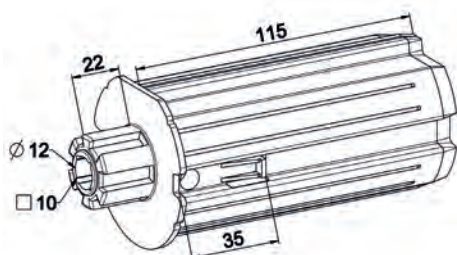
Use

Used with gearbox or on opposite side.

Used with Ø 12 bore (MALE).

Used with gearboxes and pulleys claw coupling ZF (FEMALE).

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A322B	20 kg	100



RETRACTABLE CAP FOR ZF 64 TUBE MALE CLAW COUPLING - 12 MM HOLE / 10 MM SQUARE

ZF64

A300D

Features

PA

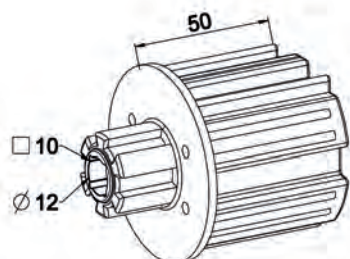
Use

Used with gearbox or on opposite side.

Used with Ø 12 bore (MALE).

Used with gearboxes and pulleys claw coupling ZF (FEMALE).

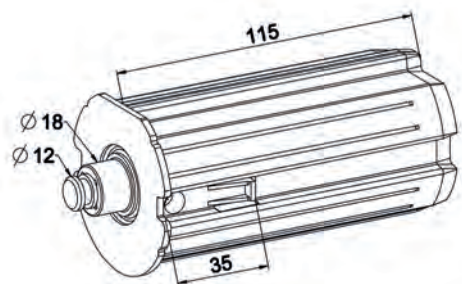
RÉF.	MAX. SHUTTER WEIGHT	PACK.
A300D	16 kg	200





CAP FOR TUBE ZF 64 Ø 18 / AXLE D12

A322T



ZF64

Features

PA + Zinc steel

Use

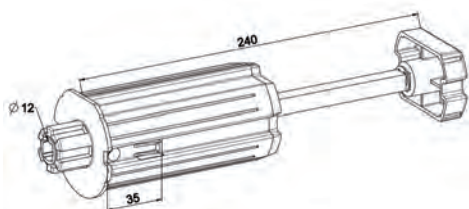
Mounted on opposite side, setting on bearing or ball bearing D. 28.

Blocking on bracket or plate with article RÉF. A640.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A322T	25 kg	100

RETRACTABLE DUMMY END ZF64 MALE CLAW COUPLING / 12MM HOLE

A264



ZF64

Features

PA + Zinc steel

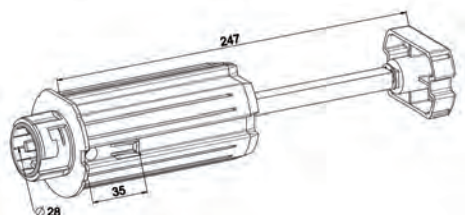
Use

Use with gearbox or 12mm pin

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A264	40 kg	50

ZF 64 RETRACTABLE DUMMY END FOR 28MM BEARING OR ZF CLAW COUPLING

A264A



ZF64

Features

PA + Zinc steel

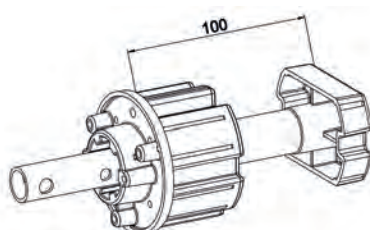
Use

On opposite side with 28mm bearing or ZF claw coupling

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A264A	40 kg	50

DUMMY END FOR ZF 64 TUBE D16

A292



ZF64

Features

PA + Zinc steel

Use

Installation on pin bracket, mounting with conical gearbox and Conipact gearbox.

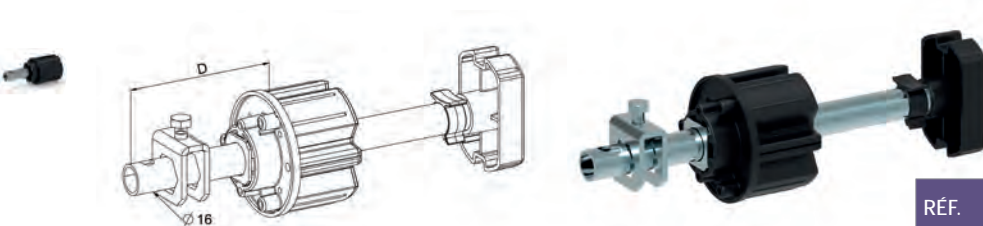
RÉF.	MAX. SHUTTER WEIGHT	PACK.
A292	40 kg	50



ADJUSTABLE DUMMY END FOR ZF64 TUBE D.16



A293



Features

PA + Zinc steel

Use

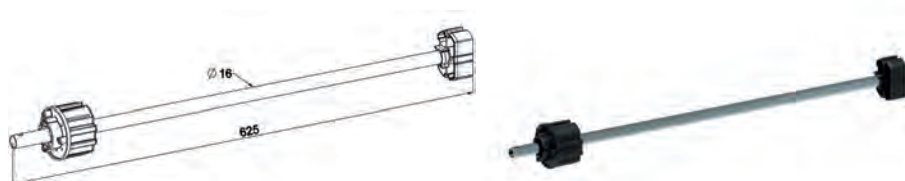
On opposite side with pin bracket.
 With a ring with screw TH for axial blocking to the required dimension.

RÉF.	TYPE	D MAX.	MAX. SHUTTER WEIGHT	PACK.
A293	Tube L220	90	34 kg	50
A294	Tube L320	130	40 kg	50

DUMMY END FOR ZF 64 TUBE LENGTH = 625



A293B



Features

PA + Zinc steel

Use

Used on opposite side with pin bracket.
 Used with roller shutters of tall dimensions.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A293B	50 kg	5

ADJUSTABLE DUMMY END FOR ZF 64 TUBE LENGTH = 835



A293C



Features

PA + Zinc steel

Use

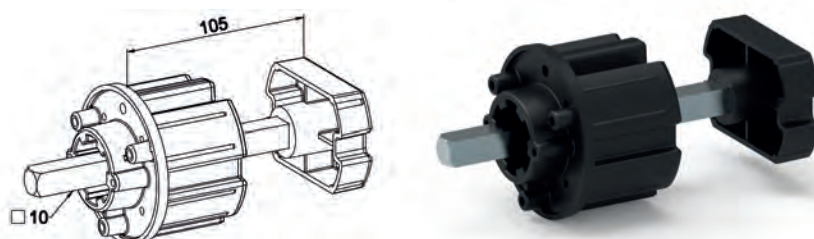
For assembly with heavy shutter.
 On opposite side.
 Mounted with pin bracket.
 With a blocking ring with screw for axial setting : adjustable length L=130 mm.

RÉF.	D MAX	MAX. SHUTTER WEIGHT	PACK
A293C	130	60 kg	5

ZF64 DUMMY END / 10MM SQUARE



A303



Features

PA + Zinc steel

Use

Used for gearbox.

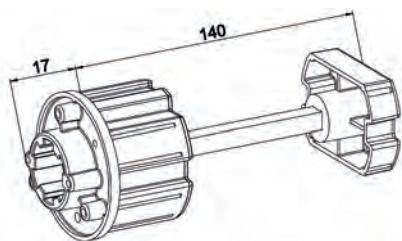
RÉF.	TYPE	MAX. SHUTTER WEIGHT	PACK.
A303	22	40 kg	100



ZF 64 DUMMY END FEMALE CLAW COUPLING

A312

ZF64



Features

PA + Zinc steel

Use

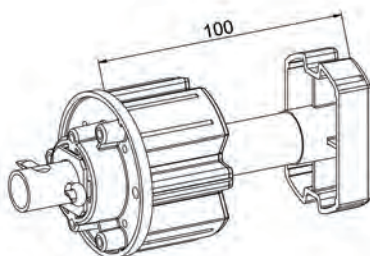
Used for gearbox claw coupling (female) + block

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A312	40 kg	100

ZF64 DUMMY END FEMALE CLAW COUPLING D16

A316

ZF64



Features

PA + Zinc steel

Use

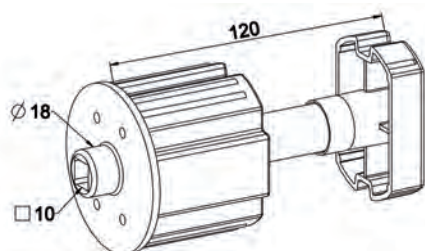
Used for chain or strap drive or on opposite side

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A316	40 kg	50

ZF64 DUMMY END 18MM BEARING / 10MM SQUARE

A331

ZF64



Features

PA + Zinc steel

Use

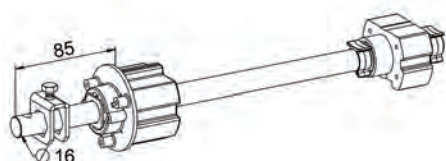
To be used with a 10mm axle

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A331	50 kg	100

ADJUSTABLE DUMMY END FOR ZF 64 TUBE D. 16 FOR HEAVY SHUTTER

A332A

ZF64



Features

PA + Zinc steel

Use

For heavy roller shutter .
 Mounted with pin bracket.
 Equipped with a ring with screw for axial blocking to the required dimension.

RÉF.	D MAX	MAX. SHUTTER WEIGHT	PACK
A332A	85	100 kg	15



ZF 64 DUMMY END 13MM FOR SAFETY BRAKE

A332C

**Features**

PA + Zinc steel

Use

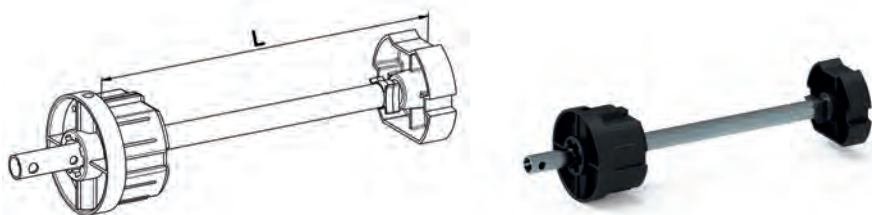
To be used with 80Nm safety brake with adaptor A600B

REF.	D MAX	MAX. SHUTTER WEIGHT	PACK
A332C	100	80 kg	25

ZF 80 DUMMY END

A341

ZF80



Features

PA + Zinc steel

Use

Used on gear side with conical gearbox or Conipact gearbox.

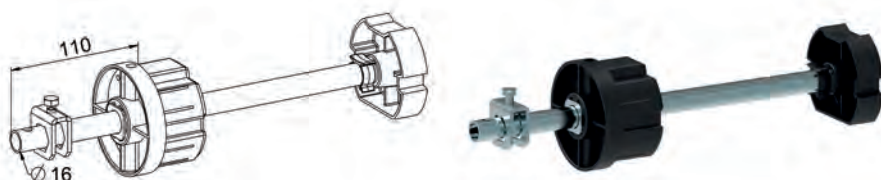
Mounted with pin bracket / u bracket.

RÉF.	L	MAX. SHUTTER WEIGHT	PACK.
A341	100	40 kg	50
A342	250	50 kg	50

ADJUSTABLE ZF80 DUMMY END L320

A343

ZF80



Features

PA + Zinc steel

Use

Used on opposite side.

Used with pin bracket / u bracket.

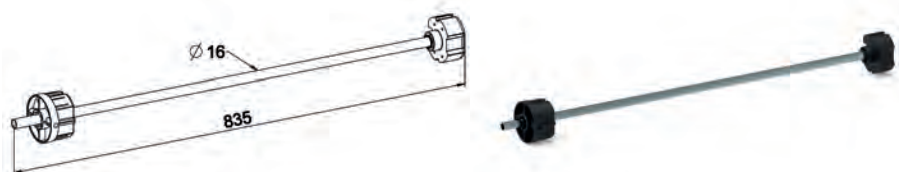
Equipped with a ring and a screw for axial locking to the required dimensions.

RÉF.	D MAX	MAX. SHUTTER WEIGHT	PACK
A343	110	40 kg	50

ZF80 DUMMY END L 835

A343A

ZF80



Features

PA + Zinc steel

Use

Used with pin bracket / u bracket on opposite side.

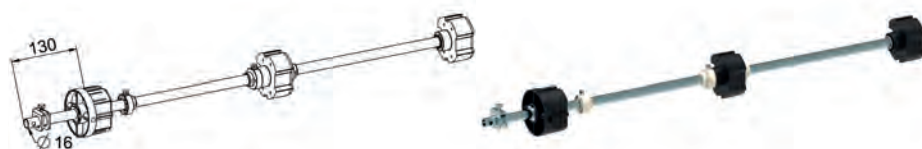
For roller shutters of tall dimensions.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A343A	60 kg	5

ADJUSTABLE ZF80 DUMMY END L 835

A343B

ZF80



Features

PA + Zinc steel

Use

For assembly with heavy shutter.

On opposite side.

Mounted with pin bracket / u bracket.

With a blocking ring with screw for axial setting : adjustable length L=130 mm.

RÉF.	D MAX	MAX. SHUTTER WEIGHT	PACK
A343B	130	60 kg	5

ADJUSTABLE DUMMY END FOR ZF 80 TUBE 10 MM SQUARE

ZF80

A350A

Features

PA + Zinc steel

Use

With gearbox.

For assembly with safety brake with adapter square 18 - 10 mm RÉF. A600A.

RÉF.	DMAX	WEIGHT	PACK.
A350A	85	20 kg	25

ADJUSTABLE DUMMY END FOR ZF 80 TUBE 13 MM SQUARE

ZF80

A352D

Features

PA + Zinc steel

Use

With safety brake for roller door : with adaptor square 18 - 13 RÉF. A600B.

RÉF.	VERSION	D MAX.	MAX. SHUTTER WEIGHT	PACK.
A352D	With M6 bore	100	100 kg	20

ADJUSTABLE DUMMY END FOR ZF 80 TUBE D16

ZF80

A352A

Features

PA + Zinc steel + brass rings

Use

For roller shutter of tall dimensions .

Used with pin bracket / u bracket.

Equipped with a ring and a screw for axial locking to the required dimensions.

RÉF.	DMAX	MAX. SHUTTER WEIGHT	PACK.
A352A	85	100 kg	10

ADJUSTABLE DUMMY END FOR ZF 80 TUBE 18 MM SQUARE

ZF80

A353

Features

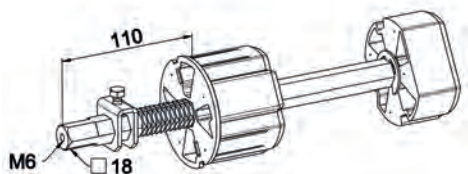
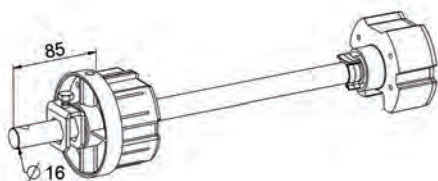
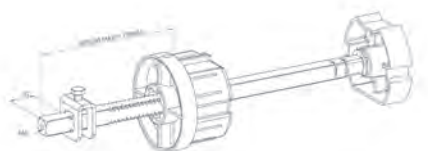
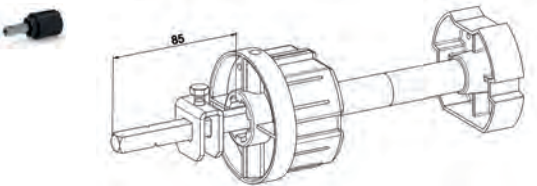
PA + Zinc steel

Use

For assembly with safety brake.

The axle is blocked with the M6 screw.

RÉF.	TYPE	LENTGH AXIS	MAX SHUTTER WEIGHT	PACK.
A353	Square 18	315	120 kg	10
A353A	Square 18	600	120 kg	5
A353B	Square 17,7	315	120 kg	10
A353C	Square 17,7	600	120 kg	5

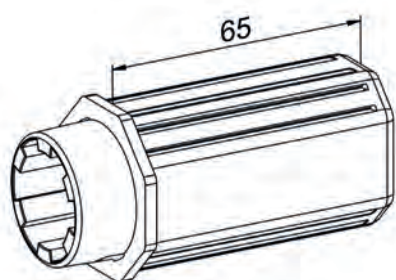




CAP FOR 40 OCTAGONAL TUBE FEMALE CLAW COUPLING

A402

OCTA
40



Features

PA

Use

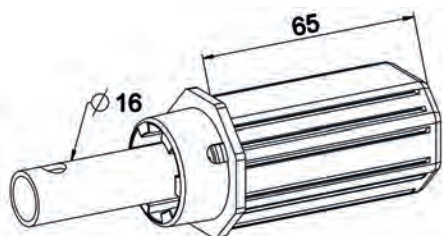
To be used with side exit gearbox

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A402	16 kg	100

CAP FOR 40 OCTAGONAL TUBE D. 16 L=90

A403

OCTA
40



Features

PA

Use

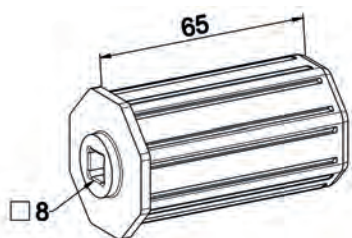
Operation by conical gearboxes used for shutters < 1.5 m wide.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A403	16 kg	100

CAP FOR 40 OCTAGONAL TUBE 8MM SQUARE

A404

OCTA
40



Features

PA

Use

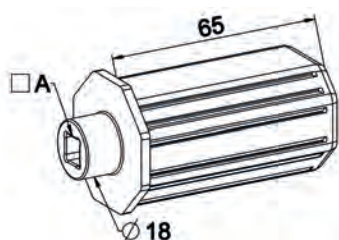
Used on opposite side or with gearbox.

RÉF.	TYPE	MAX. SHUTTER WEIGHT	PACK.
A404	8 mm square with outlet	16 kg	200

CAP FOR 40 OCTAGONAL TUBE BEARING D.18

A411

OCTA
40



Features

PA

Use

In assemblies out of endcap with bearing D. 18.
 On opposite side or gear side.

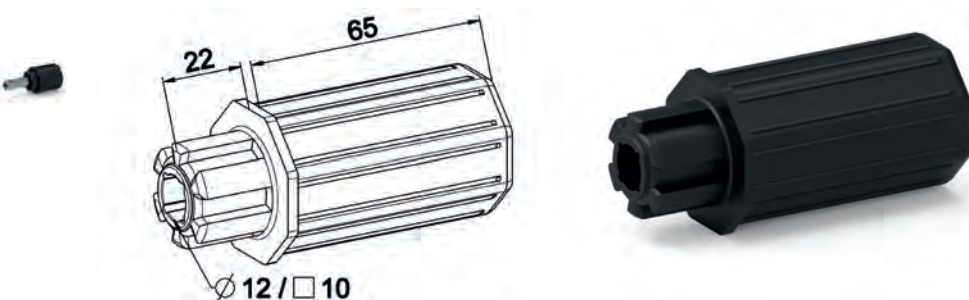
RÉF.	TYPE	MAX. SHUTTER WEIGHT	PACK.
A411	8 mm square with outlet	16 kg	200
A437	10 mm square with outlet	16 kg	100



CAP FOR 40 MM OCTAGONAL TUBE MALE CLAW COUPLING D. 12 10 MM SQUARE

OCTA
40

A437B



Features

PA

Use

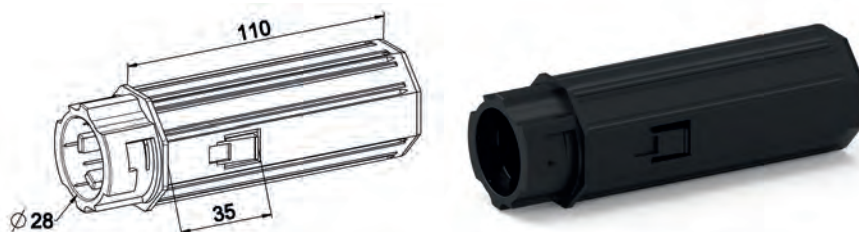
On opposite side or on gear side.
With gearboxes and pulleys ZF claw coupling.
With gearbox 10 mm square.
On 12 mm pivot.

RÉF.	MAX. SHUTTER WEIGH	PACK.
A437B	16 kg	100

RETRACTABLE CAP FOR 40 MM OCTAGONAL FEMALE CLAW COUPLING BALL BEARING

OCTA
40

A412D



Features

PA

Use

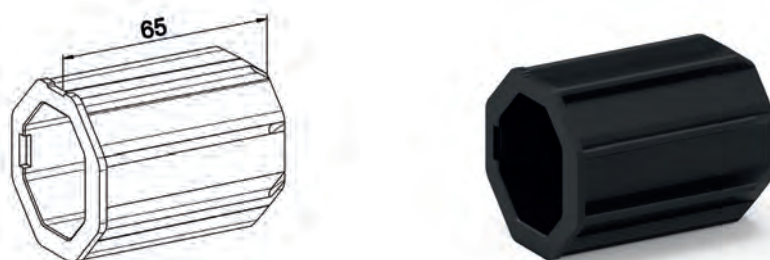
On gear side or opposite side.
For mounting :
- claw coupling hub for driving function or bearing
- with ball bearings or plain bearings D. 28
- clippable guiding flanges
- clippable pulleys.

RÉF.	MAX. SHUTTER WEIGH	PACK.
A412D	20 kg	200

COUPLING FOR OCTAGONAL 40-50

OCTA
40

A440



Features

PA

Use

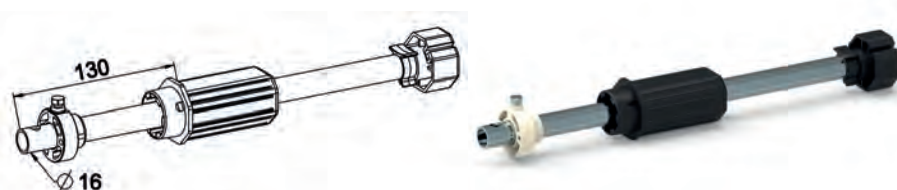
Mounting on all of our 40 mm octagonal caps to adapt our accessories and operations to the 50 mm octagonal tube.

RÉF.	PACK.
A440	200

ADJUSTABLE DUMMY END OCTAGONAL 40 D.16 L320

OCTA
40

A402C



Features

PA + Zinc steel

Use

To be used on opposite side

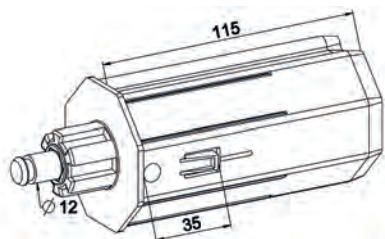
RÉF.	DMAX	MAX. SHUTTER WEIGHT	PACK.
A402C	130	34 kg	25



CAP FOR OCTAGONAL 60 TUBE MALE CLAW COUPLING + 12 MM PIN

A321A

OCTA
60



Features

PA + Zinc steel

Use

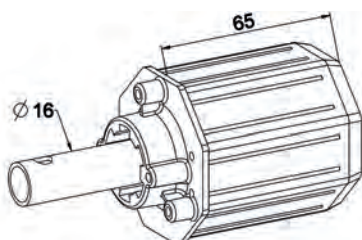
For assembly on ball bearing Tradi Zedef with :
-gearbox ou ZF claw coupling pulley
-on opposite side.
Stop on translation with fork RÉF. A640.

RÉF.	MAX. SHUTTER WEIGH	PACK.
A321A	25 kg	100

CAP FOR 60 MM OCTAGONAL TUBE CLAW COUPLING + TUBE D16 L=90

A454

OCTA
60



Features

PA

Use

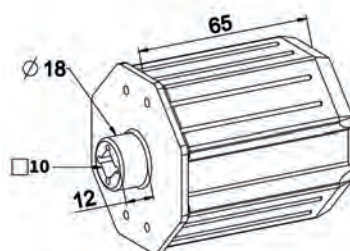
Operation by conical gearboxes and Conipact.
Used for width of shutters < 1,5 m.
Mounting with pin bracket.

RÉF.	MAX. SHUTTER WEIGH	PACK.
A454	25 kg	100

CAP FOR 60 MM OCTAGONAL TUBE BEARING D. 18

A461

OCTA
60



Features

PA

Use

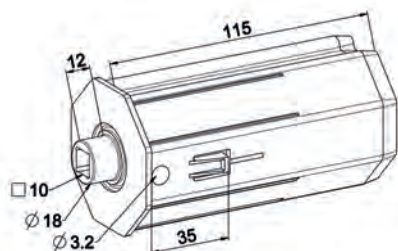
Used on drive side or opposite side.
Used in drive square concepts on flange with bearing Ø 18.

RÉF.	MAX. SHUTTER WEIGH	PACK.
A466	16 kg	100

RETRACTABLE CAP 60 MM OCTA. BEARING Ø 18 / 10 MM SQUARE

A483A

OCTA
60



Features

PA

Use

Used on drive side or opposite side in drive square systems.
Stopper at 35 mm for retractable function.
Boring D. 3.2 to enable mounting of the locking screw of the axle 10 mm square D. 3.9 L= 13 RÉF. 4243.

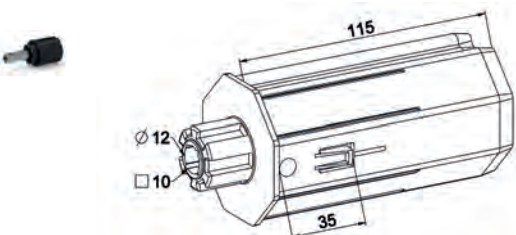
RÉF.	MAX. SHUTTER WEIGH	PACK.
A483A	20 kg	100



RETRACTABLE CAP 60 MM OCTA. CLAW MALE - 12MM BORE

OCTA
60

A483B



Features

PA

Use

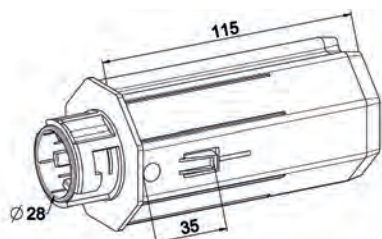
Used on gear side or opposite side.
 Used in assemblies with male 12 pin.
 Mounted on gearbox and pulley ZF female claw coupling.

RÉF.	MAX. SHUTTER WEIGH	PACK.
A483B	20 kg	100

RETRACTABLE CAP 60 MM OCTA. CLAW FEMALE -28 BALL BEARING

OCTA
60

A483D



Features

PA

Use

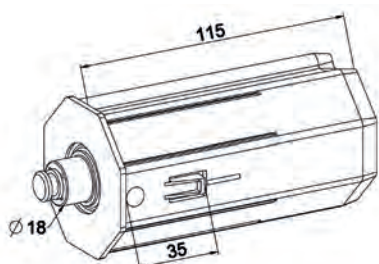
Used on drive side or opposite side.
 Used necessarily with claw coupling blocks ZF or ball bearings Ø 28.
 Enables the mounting of flanges and pulleys.

RÉF.	MAX. SHUTTER WEIGH	PACK.
A483D	20 kg	100

RETRACTABLE CAP FOR 60 OCTAGONAL TUBE BEARING D. 18 SPINDLE D. 12

OCTA
60

A483T



Features

PA

Use

Mounted on opposite side, setting on bearing or ball bearing D. 18.
 Stopped on translation on bracket or plate with fork RÉF. A640.

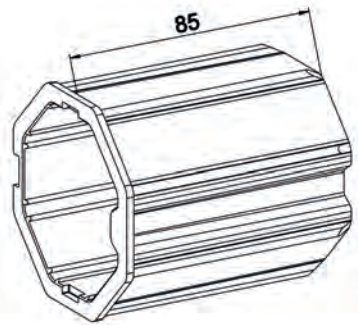
RÉF.	MAX. SHUTTER WEIGH	PACK.
A483T	25 kg	100



COUPLING FOR OCTAGONAL 60-70

OCTA
60

A482



Features

PA

Use

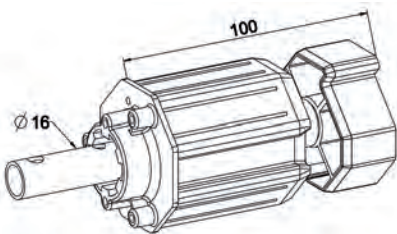
Mounting on all of our 60 mm octagonal caps to adapt our accessories and operations to the 70 mm octagonal tube.

RÉF.	PACK.
A482	100

DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING

OCTA
60

A458



Features

PA + Zinc steel

Use

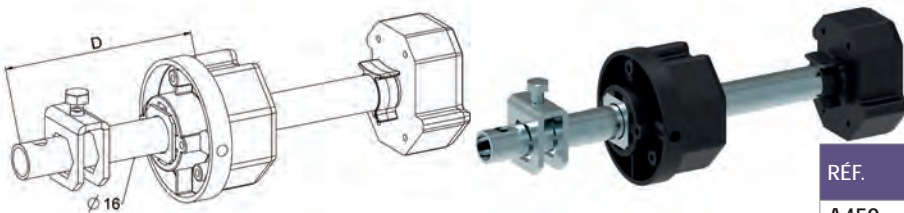
With conical gearbox and Conipact. Mounting with pin bracket.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A458	40 kg	50

ADJUSTABLE DUMMY END FOR 60 OCTAGONAL TUBE

OCTA
60

A459



Features

PA + Zinc steel

Use

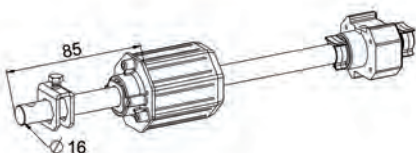
Used on opposite side. Mounting with pin bracket.

RÉF.	VERSION	D MAX.	MAX. SHUTTER WEIGHT	PACK.
A459	Tube L220	90	34 kg	50
A463	Tube L320	130	40 kg	50

ADJUSTABLE DUMMY END FOR 60 OCTAGONAL TUBE L360 HEAVY SHUTTER

OCTA
60

A463B



Features

PA + Zinc steel

Use

Used on opposite side. Mounting with pin bracket.

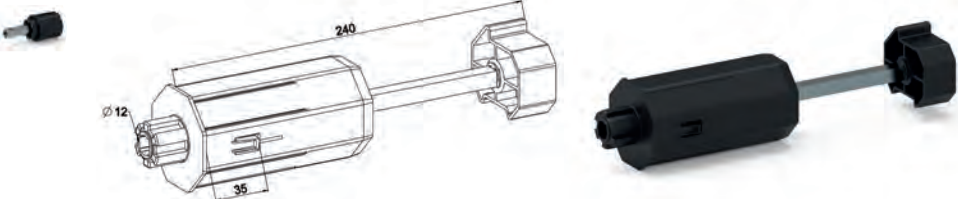
RÉF.	D MAX.	MAX. SHUTTER WEIGHT	PACK.
A463B	85	100 kg	20



RETRACTABLE DUMMY END FOR 60 OCTAGONAL 12MM HOLE

A484

OCTA
60



Features

PA + Zinc steel

Use

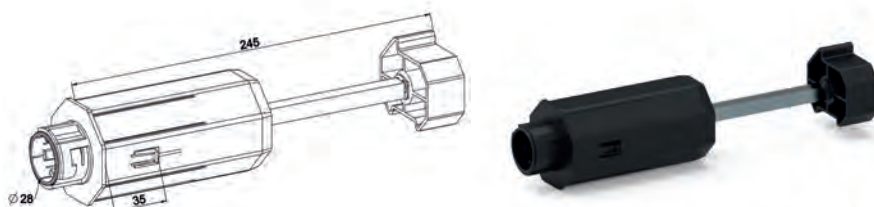
On gear side with claw coupling gearbox.
 On opposite side, setting on D. 12 pin

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A484	40 kg	50

RETRACTABLE DUMMY END FOR 60 OCTAGONAL 28MM BEARING

A484A

OCTA
60



Features

PA + Zinc steel

Use

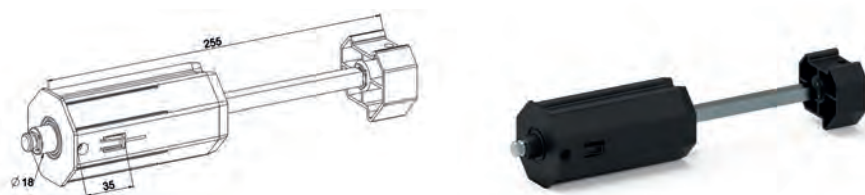
To be used with 28mm bearing

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A484A	40 kg	50

DUMMY END FOR 60 MM OCTAGONAL BEARING D. 18 + SPINDLE

A484B

OCTA
60



Features

PA + Zinc steel

Use

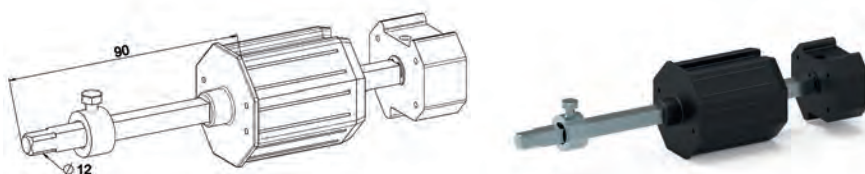
On opposite side.
 Mounting with fork RÉF. A640.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A484B	40 kg	50

ADJUSTABLE DUMMY END OCTAGONAL 60 D.12

A484D

OCTA
60



Features

PA + Zinc steel

Use

On opposite side. With locking ring.

RÉF.	D.MAX.	MAX. SHUTTER WEIGHT	PACK.
A484D	90	40 kg	25



ADJUSTABLE DUMMY END OCTAGONAL 60 13MM SQUARE FOR SAFETY BRAKE

OCTA
60

A484E

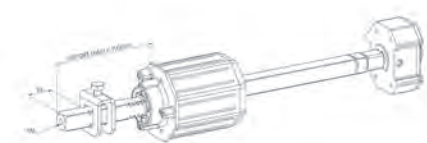
Features

PA + Zinc steel

Use

To be used with 80Nm safety brake with adaptor A600B

RÉF.	D.MAX.	MAX. SHUTTER WEIGHT	PACK.
A484E	100	80 kg	25

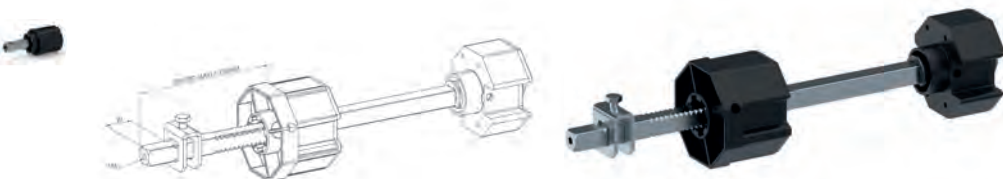




ADJUSTABLE DUMMY END OCTAGONAL 70 / L330 / SAFETY BRAKE

OCTA
70

A485E



Features

PA + Zinc steel

Use

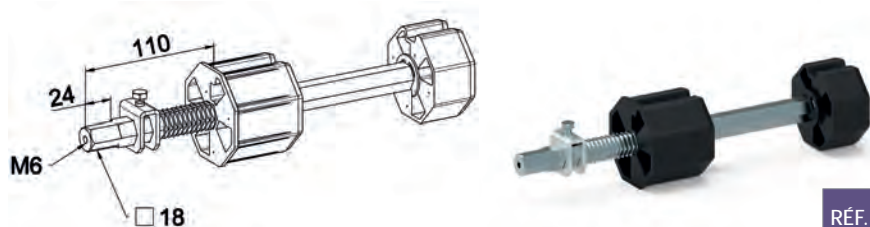
To be used with 90 Nm safety brake with A600B adaptor.

RÉF.	D.MAX.	MAX. SHUTTER WEIGHT	PACK.
A485E	110	100 kg	20

ADJUSTABLE DUMMY END OCTAGONAL 70 18MM SQUARE FOR SAFETY BRAKE

OCTA
70

A485



Features

PA + Zinc steel

Use

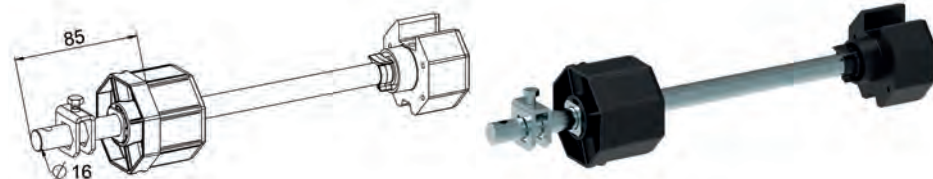
For assembly with 147 Nm safety brake.
 The axle is blocked with an M6 screw.

RÉF.	TYPE	D.MAX.	MAX. SHUTTER WEIGHT	PACK.
A485	Square 18	110	120 kg	10
A485F	Square 17,7	110	120 kg	10

ADJUSTABLE DUMMY END FOR 70 OCTAGONAL HEAVY SHUTTERS

OCTA
70

A485A



Features

PA + Zinc steel

Use

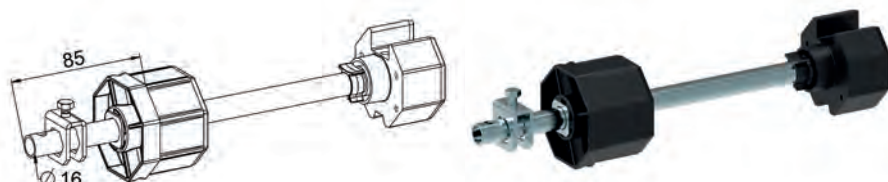
Mounted on pin bracket RÉF. B104.
 Blocked in position with screw and nut M6.

RÉF.	D.MAX.	MAX. SHUTTER WEIGHT	PACK.
A485A	85	100 kg	15

ADJUSTABLE DUMMY END FOR 70 OCTAGONAL TUBE L=320

OCTA
70

A485B



Features

PA + Zinc steel

Use

Mounted with B104 bracket on opposite side.
 Equipped with ring and screw for axial locking to required dimension.

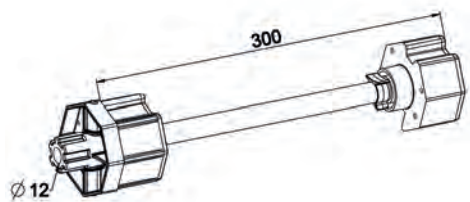
RÉF.	D.MAX.	MAX. SHUTTER WEIGHT	PACK.
A485B	85	40 kg	25



DUMMY END FOR 70 OCTAGONAL TUBE / MALE CLAW COUPLING 12 BORE L=300

OCTA
70

A485C



Features

PA + Zinc steel

Use

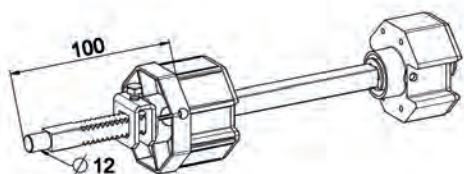
Mounted on gear side with gearbox ZF claw coupling.
 Setting on 12mm PIN.

RÉF.	MAX. SHUTTER WEIGHT	PACK.
A485C	40 kg	25

ADJUSTABLE DUMMY END OCTAGONAL 70 / L300 / 12 MM PIN

OCTA
70

A485D



Features

PA + Zinc steel

Use

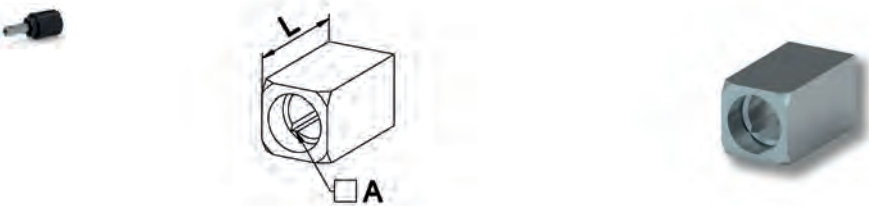
To be used with ball bearing

RÉF.	D.MAX.	MAX. SHUTTER WEIGHT	PACK.
A485D	100	80 kg	20



ADAPTOR SAFETY BRAKE 18MM SQUARE

A600A



Features

Zinc steel

Use

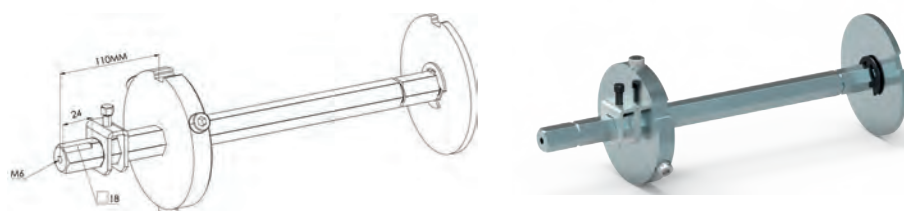
Adaptor 10/13 mm square to 18mm square for safety brake

RÉF.	VERSION A	LENGTH	PACK.
A600A	10mm square	32	100
A600B	13mm square	25	300

ADJUSTABLE DUMMY END Ø 101,6 / 18MM SQUARE L325

M120

Ø101.6



Features

Zinc steel

Use

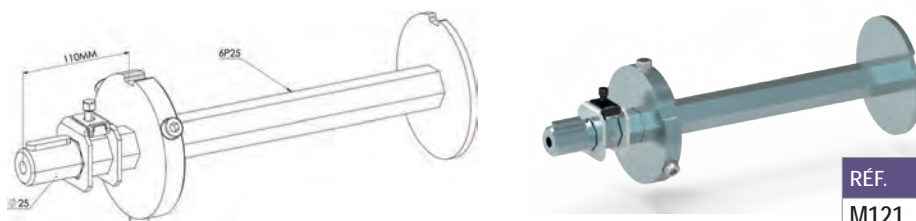
To be used with 147Nm safety brake. Linked to the tube with 3 M8 screws.

RÉF.	D.MAX.	MAX WEIGHT	TYPE	PACK.
M120	110	165 kg	18mm square	4
M120A	110	165 kg	17,7mm square	4

ADJUSTABLE DUMMY END Ø 101,6 / Ø 25 L325

M121

Ø101.6



Features

Zinc steel

Use

To be used with 260Nm safety brake. Linked to the tube with 3 M8 screws. M121A with no key can be used with M130 bearing.

RÉF.	KEY	D.MAX.	MAX WEIGHT	PACK.
M121	YES	110	250 kg	4

ADJUSTABLE DUMMY END Ø 101,6 / Ø 30 L325

M122

Ø101.6



Features

Zinc steel

Use

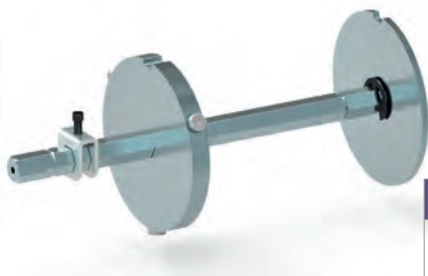
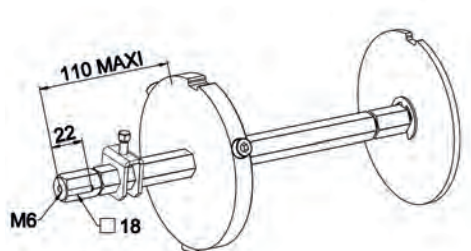
To be used with 332 Nm safety brake. Linked to the tube with 3 M8 screws. M122A with no key can be used with M130 bearing.

RÉF.	KEY	D.MAX.	MAX WEIGHT	PACK.
M122	YES	110	350 kg	4

ADJUSTABLE DUMMY END Ø 133 X 2,5

M123

Ø133



Features

Zinc steel

Use

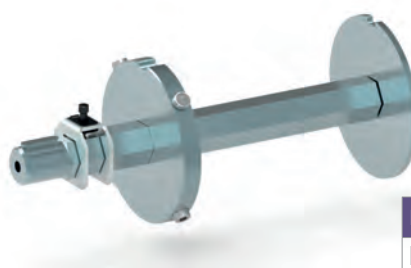
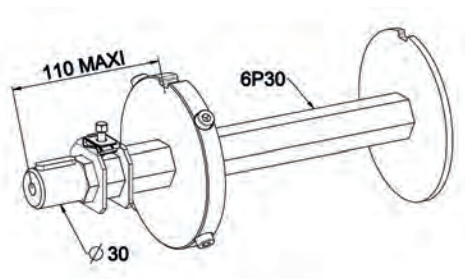
To be used with 147 Nm safety brake. Linked to the tube with 3 M8 screws.

RÉF.	KEY	TYPE	MAX WEIGHT	PACK.
M123	YES	Square 18	126 kg	4
M123A	YES	Square 17,7	126 kg	4

ADJUSTABLE DUMMY END Ø 133 X 2,5

M124

Ø133



Features

Zinc steel

Use

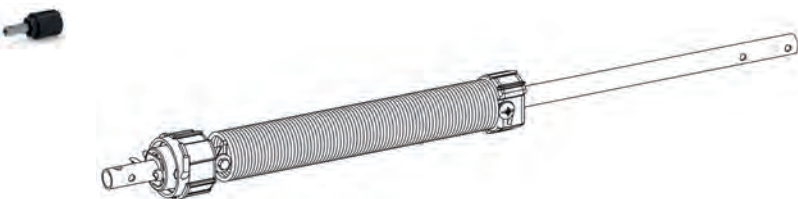
To be used with 256Nm safety brake. Linked to the tube with 3 M8 screws.

RÉF.	KEY	D.MAX.	MAX WEIGHT	PACK.
M124	YES	110	250 kg	4



SPRING LEFT FOR ZF 54 TUBE

A851



Features

PA + Steel

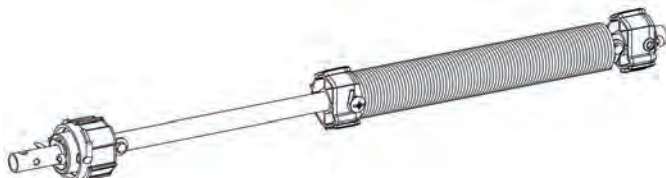
Use

Mounted left inner winding or right external winding.
Used with gearboxes, when the weight of the shutter is over the gearbox capacity.
To be mounted on gear side or opposite side.

RÉF.	TYPE	LENGTH	PACK.
A851	Spring 30/10 x 250 - tension 8 rotations MAX	625	5
A852	Spring 34/10 x 350 - tension 8,5 rotations MAX	625	5
A853	Spring 39/10 x 450 - tension 8 rotations MAX	835	5
A854	Spring 44/10 x 600 - tension 8,5 rotations MAX	835	5

SPRING RIGHT FOR ZF 54 TUBE

A851A



Features

PA + Steel

Use

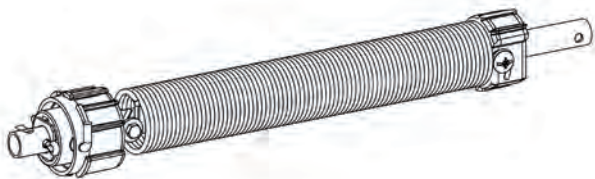
Mounted right inner winding or left external winding.
Used with gearboxes, when the weight of the shutter is over the gearbox capacity.
To be mounted on gear side or opposite side.

RÉF.	TYPE	LENGTH	PACK.
A851A	Spring 30/10 x 250 - tension 8 rotations MAX	625	5
A852A	Spring 34/10 x 350 - tension 8,5 rotations MAX	625	5
A853A	Spring 39/10 x 450 - tension 8 rotations MAX	835	5



SPRING LEFT FOR ZF 54 TUBE - DIRECT PULL

A856



Features

PA + Steel

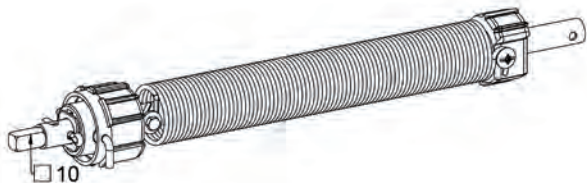
Use

Mounted left inner winding or right external winding.
Used with assembly type direct pull or assembly with metallic chain.
For shutters of small dimensions.

RÉF.	TYPE	LENGTH	PACK.
A859	Spring 25/10 x 250 - curtain maxi. : 6 kg - tension 10 rotations MAX- axle D. 16	395	5
A856	Spring 24/10 x 400 - curtain maxi. : 8 kg - tension 18 rotations MAX- axle D. 16	625	5
A857	Spring 30/10 x 500 - curtain maxi. : 13 kg - tension 18 rotations MAX- axle D. 16	835	5

SPRING LEFT FOR ZF 54 TUBE - DIRECT PULL - 10 MM SQUARE

A856B



Features

PA + Steel

Use

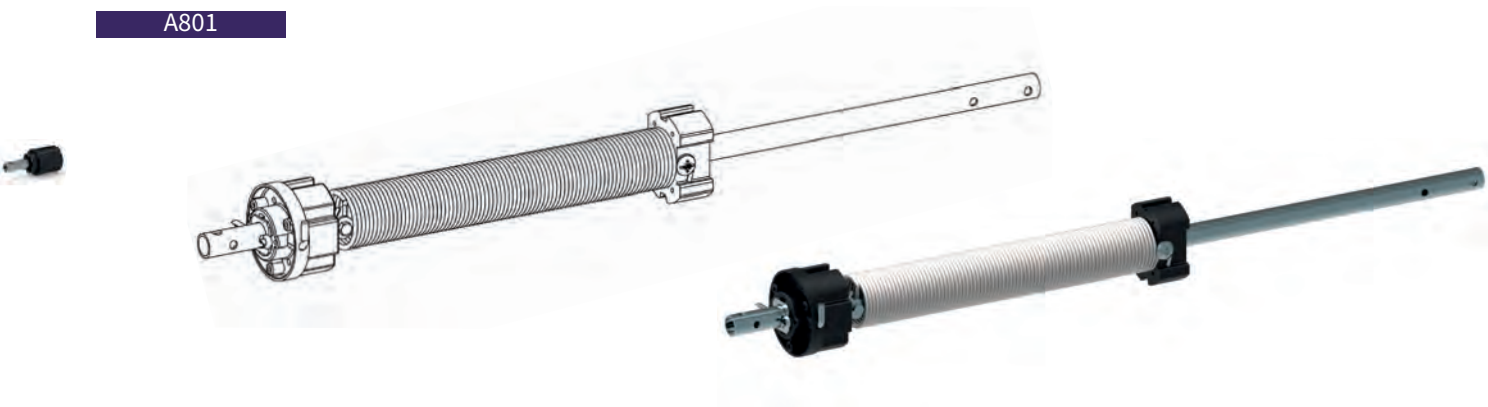
Mounted left inner winding or right external winding.
Used with assembly type direct pull or assembly with metallic chain.
For shutters of small dimensions.

RÉF.	TYPE	LENGTH	PACK.
A856B	Spring 24/10 x 400 - curtain maxi. : 8 kg - tension 18 rotations MAX- axle D. 16	625	5
A857B	Spring 30/10 x 500 - curtain maxi. : 13 kg - tension 18 rotations MAX- axle D. 16	835	5



SPRING LEFT FOR ZF 64 TUBE

A801



Features

PA + Steel

Use

Mounted left inner winding or right external winding.
Used with gearboxes, when the weight of the shutter is over the gearbox capacity.
To be mounted on gear side or opposite side with B104 bracket

RÉF.	TYPE	LENGTH	PACK.
A801	Spring 30/10 x 250 - tension 8 rotations MAX	625	5
A802	Spring 34/10 x 350 - tension 8,5 rotations MAX	625	5
A803	Spring 39/10 x 450 - tension 8 rotations MAX	835	5
A804	Spring 44/10 x 600 - tension 8,5 rotations MAX	835	5
A805	Spring 49/10 x 750 - tension 9 rotations MAX	1045	5

SPRING RIGHT FOR ZF 64 TUBE

A841



Features

PA + Steel

Use

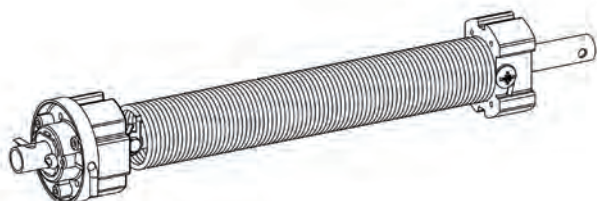
Mounted right inner winding or left external winding.
Used with gearboxes, when the weight of the shutter is over the gearbox capacity.
To be mounted on gear side or opposite side with B104 bracket

RÉF.	TYPE	LENGTH	PACK.
A841	Spring 30/10 x 250 - tension 8 rotations MAX	625	5
A842	Spring 34/10 x 350 - tension 8,5 rotations MAX	625	5
A843	Spring 39/10 x 450 - tension 8 rotations MAX	835	4
A844	Spring 44/10 x 600 - tension 8,5 rotations MAX	835	5
A845	Spring 49/10 x 750 - tension 9 rotations MAX	1045	5



SPRING LEFT FOR ZF 64 TUBE - DIRECT PULL

A806



Features

PA + Steel

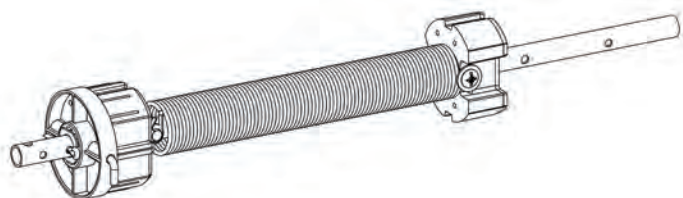
Use

Mounted left inner winding or right external winding.
Used with assembly type direct pull or assembly with metallic chain.
For shutters of small dimensions.

RÉF.	TYPE	LENGTH	PACK.
A806	Spring 24/10 x 400 - curtain maxi. : 7 kg - tension 18 rotations MAX	625	5
A807	Spring 30/10 x 500 - curtain maxi. : 12 kg - tension 18 rotations MAX	835	5

SPRING LEFT FOR ZF 80 TUBE

A823



Features

PA + Steel

Use

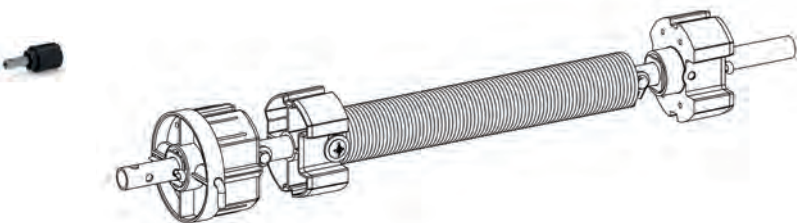
Mounted left inner winding or right external winding.
Used with gearboxes, when the weight of the shutter is over the gearbox capacity.
To be mounted on gear side or opposite side.

RÉF.	TYPE	LENGTH	PACK.
A823	Spring 39/10 x 450 - tension 8 rotations MAX	1045	5
A824	Spring 44/10 x 600 - tension 8,5 rotations MAX	1045	5
A825	Spring 49/10 x 750 - tension 9 rotations MAX	1045	5
A825C	Spring 49/10 x 750 - tension 9 rotations MAX - Zinc axle	1045	2



SPRING RIGHT FOR ZF 80 TUBE

A828



Features

PA + Steel

Use

Mounted right inner winding or left external winding.

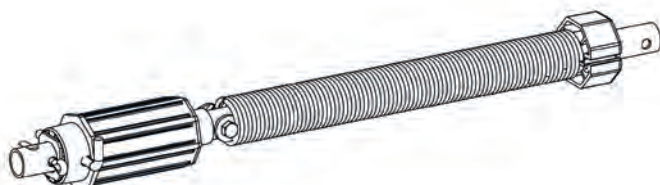
Used with gearboxes, when the weight of the shutter is over the gearbox capacity.

To be mounted on gear side or opposite side.

RÉF.	TYPE	LENGTH	PACK.
A828	Spring 39/10 x 450 - tension 8 rotations MAX	1045	5
A829	Spring 44/10 x 600 - tension 8,5 rotations MAX	1045	5
A830	Spring 49/10 x 750 - tension 9 rotations MAX	1045	5
A830C	Spring 49/10 x 750 - tension 9 rotations MAX - Zinc axle	1045	2

SPRING FOR 40 OCTAGONAL TUBE - DIRECT PULL

A890



Features

PA + Steel

Use

Mounted left inner winding or right external winding.

Used with direct pull.

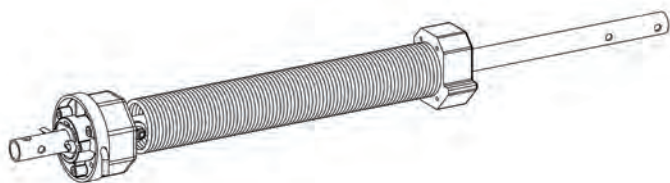
Shutter of small dimension. To be used with B104 bracket

RÉF.	TYPE	LENGTH	PACK.
A890	Spring 26/10 x 425 - Shutter maxi : 7 kg - tension 15 rotations MAX	835	5
A891	Spring 30/10 x 575 - shutter maxi. : 10 kg - tension 18 rotations MAX	835	5



SPRING FOR 60 OCTAGONAL TUBE LEFT

A861



Features

PA + Steel

Use

Mounted left inner winding or right external winding.

Used with direct pull.

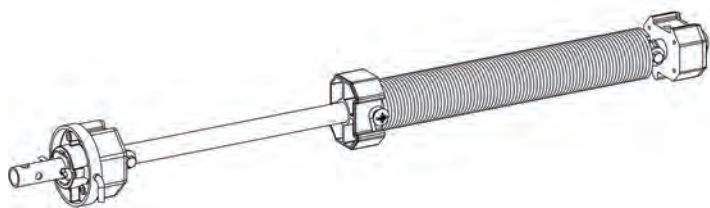
Shutter of small dimension. To be used with B104 bracket

RÉF.	TYPE	LENGTH	PACK.
A859B	Spring 25/10 x 250 - tension 10 rotations MAX	395	5
A861	Spring 30/10 x 250 - tension 8 rotations MAX	625	5
A862	Spring 34/10 x 350 - tension 8,5 rotations MAX	625	5
A862A	Zinc steel 34/10 spring - tension 8,5 rotations MAX	625	5
A863	Spring 39/10 x 450 - tension 8 rotations MAX	835	5
A864	Spring 44/10 x 600 - tension 8,5 rotations MAX	835	5
A864A	zinc steel 44/10 spring - tension 8,5 rotations MAX	835	5
A865	Spring 49/10 x 750 - tension 9 rotations MAX	1045	5



SPRING FOR 60 OCTAGONAL TUBE RIGHT

A871



Features

PA + Steel

Use

Mounted right inner winding or left external winding.

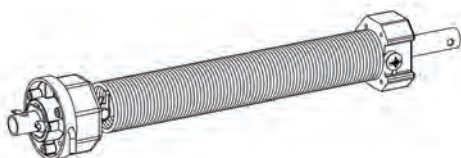
Used with gearboxes, when the weight of the shutter is over the gearbox capacity.

To be mounted on gear side or opposite side.

RÉF.	TYPE	LENGTH	PACK.
A871	Spring 30/10 x 250 - tension 8 rotations MAX	625	5
A872	Spring 34/10 x 350 - tension 8,5 rotations MAX	625	5
A873	Spring 39/10 x 450 - tension 8 rotations MAX	835	5
A874	Spring 44/10 x 600 - tension 8,5 rotations MAX	835	5
A875	Spring 49/10 x 750 - tension 9 rotations MAX	1045	5

SPRING LEFT FOR 60 MM OCTAGONAL TUBE DIRECT PULL

A866



Features

PA + Steel

Use

Mounted left inner winding or right external winding.

Used with direct pull or metallic chain.

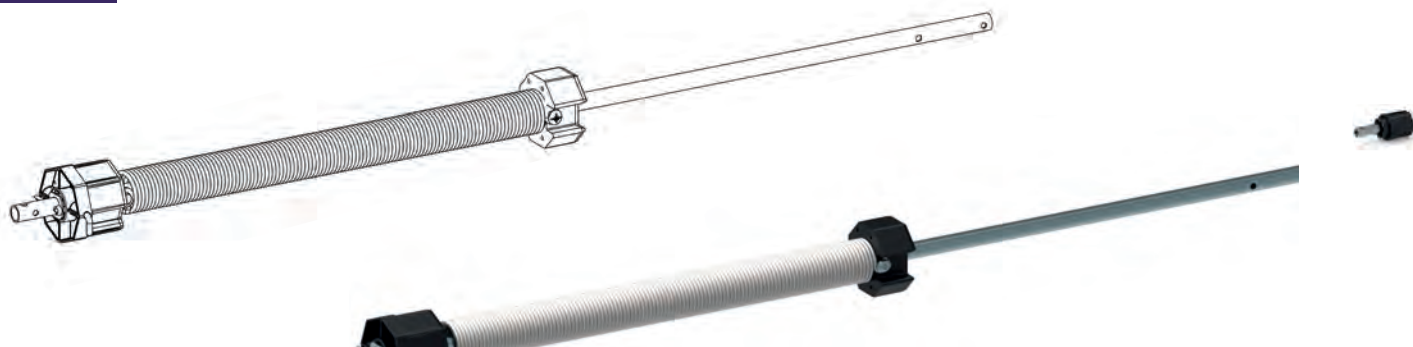
Shutters of small dimensions.

RÉF.	TYPE	LENGTH	PACK.
A866	Spring 24/10 x 400 - tension 18 rotations MAX - max shutter weight : 7 kg	L= 625	5
A867	Spring 30/10 x 400 - tension 18 rotations MAX - max shutter weight : 12 kg	L= 835	5



SPRING FOR 70 MM OCTAGONAL TUBE LEFT

A833



Features

PA + Steel

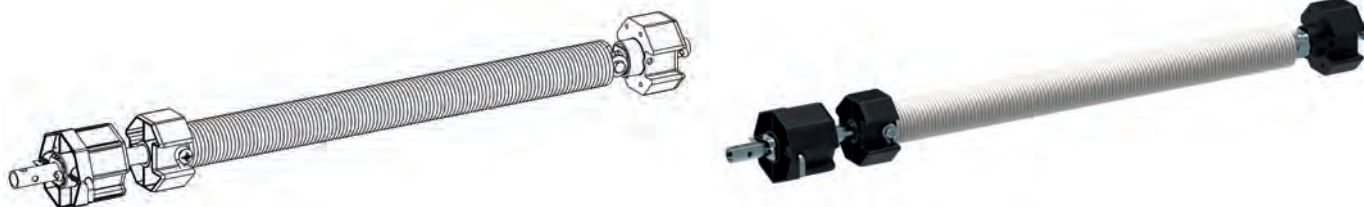
Use

Mounted left inner winding or right external winding.
 Used with gearboxes, when the weight of the shutter is over the gearbox capacity.

RÉF.	TYPE	LENGTH	PACK.
A833	Spring 39/10 x 450 - tension 8 rotations MAX	1045	5
A834	Spring 44/10 x 600 - tension 8,5 rotations MAX	1045	5
A835	Spring 49/10 x 750 - tension 9 rotations MAX	1045	5
A835B	Zinc steel Spring 49/10 x 750 - tension 9 rotations MAX	1045	5

SPRING FOR 70 MM OCTAGONAL TUBE RIGHT

A833A



Features

PA + Steel

Use

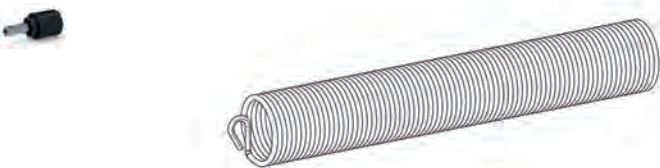
Mounted right inner winding or left external winding.
 Used with gearboxes, when the weight of the shutter is over the gearbox capacity.
 To be mounted with B104 bracket

RÉF.	TYPE	LENGTH	PACK.
A833A	Spring 39/10 x 450 - tension 8 rotations MAX	1045	5
A835A	Spring 49/10 x 750 - tension 9 rotations MAX	1045	5



SPARE SPRING

A701



Features

Heat treated steel

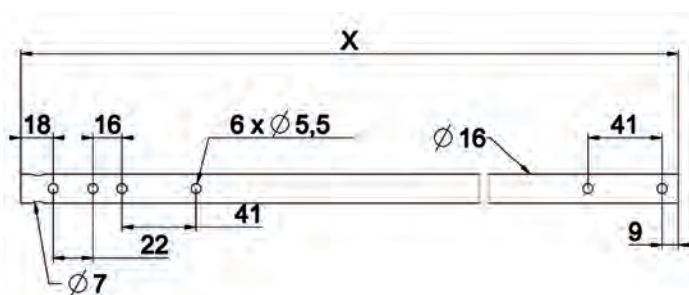
Use

For spring assembly with ZF 54,64,80, and Octagonal 60 and 70.

RÉF.	TYPE	TORQUE	PACK.
A717	Spring dimension : 25/10 - 250 - tension 10 rotations MAX	1,5Nm	5
A715	Spring dimension : 24/10 - 400 - tension 18 rotations MAX	2,5 Nm	5
A701	Spring dimension : 30/10 - 250 - tension 8 rotations MAX	5 Nm	5
A714	Spring dimension : 30/10 - 500 - tension 18 rotations MAX	5 Nm	5
A702	Spring dimension : 34/10 - 350 - tension 8,5 rotations MAX	6 Nm	5
A703	Spring dimension : 39/10 - 450 - tension 8 rotations MAX	9 Nm	5
A704	Spring dimension : 44/10 - 600 - tension 8,5 rotations MAX	14 Nm	5
A705	Spring dimension : 49/10 - 750 - tension 9 rotations MAX	20 Nm	5

SPRING AXLE

A731



Features

Steel, Th. 1,5mm

Use

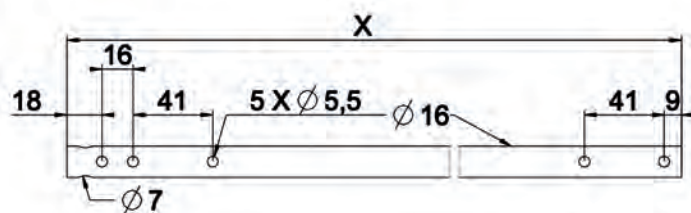
On gear side or opposite side.

REF.	TYPE	DIM.X	PACK.
A731	spring length up to 400	625	25
A737	spring length up to 600	835	25
A739	spring length up to 800	1045	25
A740	spring length up to 1255	1255	25



SPRING AXLE DIRECT PULL

A753



Features

Steel, Th. 1,5mm

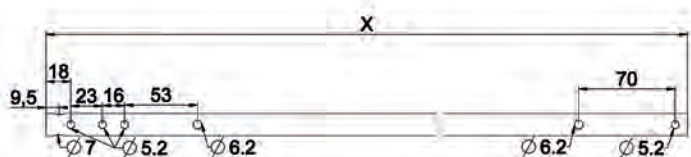
Use

For direct pull, on opposite side or gear with chain.

REF.	TYPE	DIM.X	PACK.
A753	spring length up to 400	625	25
A754	spring length up to 600	835	25

SPRING AXLE FOR ZF 80 TUBE

A751



Features

16mm diameter steel

Use

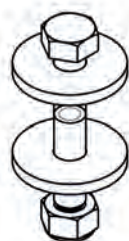
For both octagonal 70 and ZF80

RÉF.	DIM.X	PACK.
A751	1170	10
A752	1045	25



FIXING BOLT M5 + RINGS

A761



Features

Zinc steel

Use

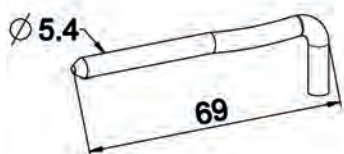
For all springs, except ZF 80 and octagonal 70

RÉF.	PACK.
A761	500



PIN FOR PRECOMPENSATION

A762



Features

Steel

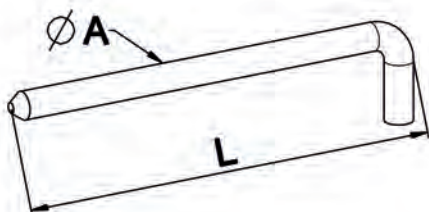
Use

For blocking the spring in tension.

RÉF.	PACK.
A762	1000

PIN FOR PRECOMPENSATION FOR ZF 80 TUBE

A776



Features

M412 + A776 : steel

Use

M412 : to be used with 49/10X750 springs
Use with OCTA 70.

RÉF.	TYPE	LENGTH	DIM.A	PACK.
A776	.	85	5,4	500
M412	Reinforced version: bag of 50 pins.	91	5,5	10

GALVANIZED WASHER

A763



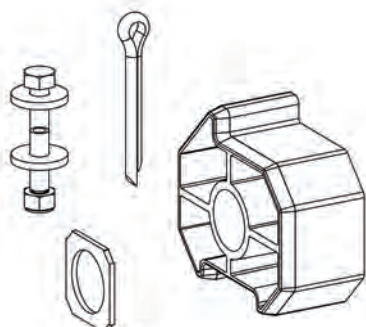
Features

Zinc steel

RÉF.	DIM.A	PACK.
A763	30 x 17 x 1,5	1000

COMPENSATION COMPONENTS SET

A800



Features

Set with: 1 PA cap, 1 bolt, 1 washer, 1 pin

Use

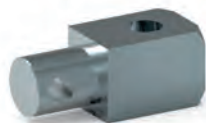
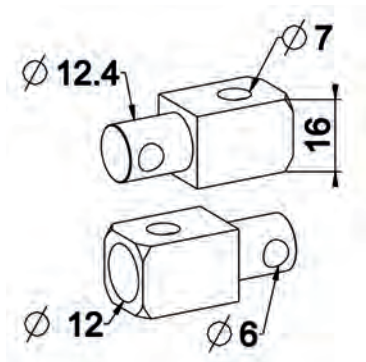
To be used to transform a left spring into a right spring

RÉF.	TYPE	PACK.
A800B	For ZF 54 tube.	50
A800A	For ZF 64 tube.	50
A800B	For ZF 80 tube.	50
A800	For 60 mm octagonal tube.	10



ADAPTER FOR SPRING

B100



Features

Zinc steel

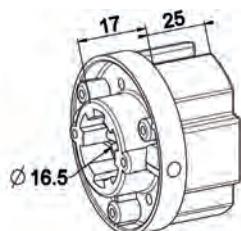
Use

Mounted at the end of springs for an assembly on 12mm pin
Fixing with bolt M6 x 25.

RÉF.	TYPE	PACK.
B100	Delivered without screw.	250
B100A	Delivered with screw.	250

CAP FOR ZF 54 TUBE FOR SPRING

A301



Features

PA

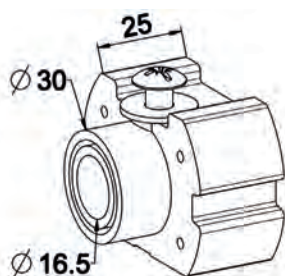
Use

To be used at the end of spring

RÉF.	PACK.
A301	200

CURSOR FOR ZF 64 TUBE + SCREW RING ASSEMBLED

A771



Features

PA

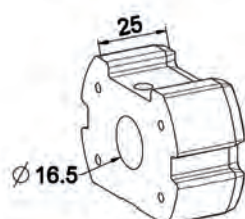
Use

To be used at the end of spring

RÉF.	PACK.
A771	100

AXLE BRACKET FOR ZF 54 TUBE

A772



Features

PA

Use

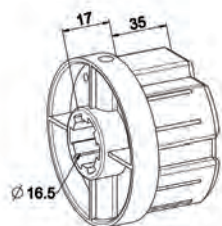
For right spring

RÉF.	PACK.
A772	500



SPRING CAP FOR ZF 80 TUBE

A347



Features

PA

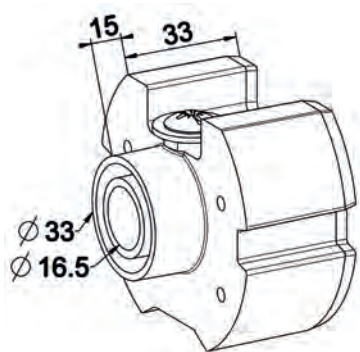
Use

Mounted at the end of the spring axle.
Drives the tube when connected with gearbox
with claw coupling.

RÉF.	PACK.
A347	100

CURSOR FOR ZF 80 TUBE + SCREW RING ASSEMBLED

A774



Features

PA

Use

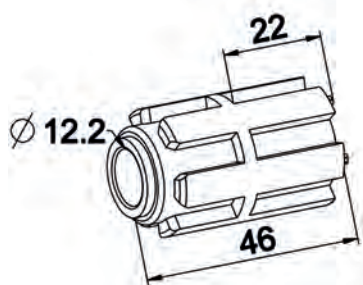
Mounted at the end of the spring axle.
Used as guide during tension and off phases.

RÉF.	PACK.
A774	50



CLAW COUPLING HUB (MALE CLAW COUPLING) WITH 12 MM BORE

A615



Features

Polyamide with fiber glass

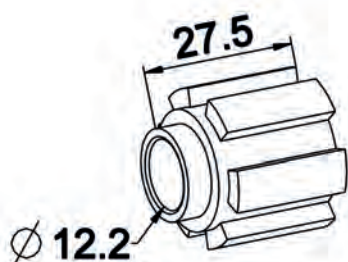
Use

Used for claw coupling and on opposite side on 12 mm pivot.

RÉF.	PACK.
A615	300

CLAW COUPLING HUB (MALE CLAW COUPLING) WITH 12 MM BORE

A616



Features

Polyamide with fiber glass

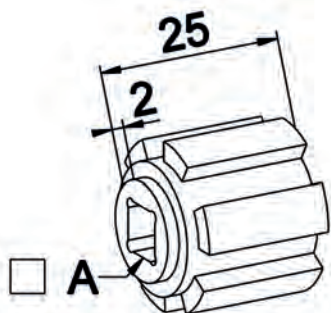
Use

Used for alignment on 12 mm pivot.

RÉF.	PACK.
A616	500

SQUARE CLAW COUPLING HUB

A617



Features

Polyamide with fiber glass

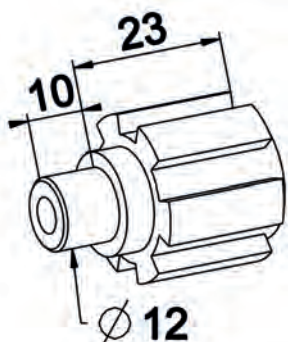
Use

To be used with all square drives

RÉF.	TYPE	PACK.
A617	8 mm square with outlet.	500
A617B	10 mm square with outlet.	500
A620	8 mm square without outlet.	500

12 MM PIN HUB MALE CLAW COUPLING

A618



Features

Polyamide with fiber glass

Use

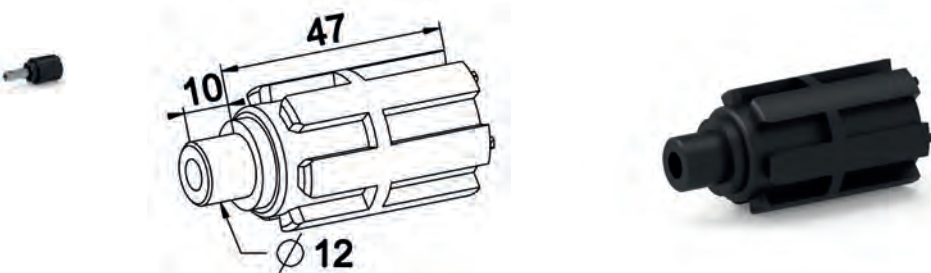
To use for alignment in ball bearing or slide bearing with 12 mm bore.

RÉF.	PACK.
A618	500



12 MM PIN HUB MALE CLAW COUPLING

A619



Features

Polyamide with fiber glass

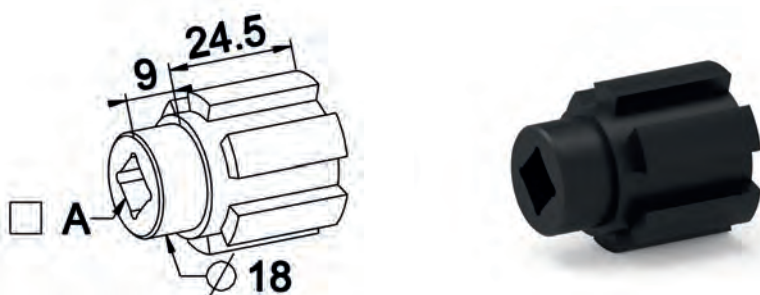
Use

To use for alignment in ball bearing or slide bearing with 12 mm bore.

RÉF.	PACK.
A619	200

HUB WITH CLAW COUPLING DIA. 18 MM / SQUARE

A628



Features

Polyamide with fiber glass

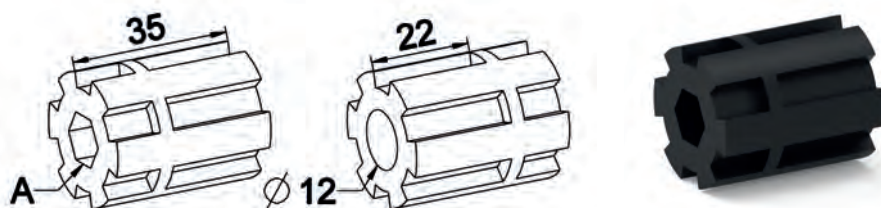
Use

On gear or opposite side.
In assemblies out of endcaps with D. 18 bearing plate.

RÉF.	TYPE	PACK.
A628	8 mm square with outlet.	200
A629	10 mm square with outlet.	200

DRIVE HUB

C601



Features

Polyamide with fiber glass

Use

To be used with claw coupling gearbox

RÉF.	TYPE	PACK.
C601	10 mm hexagonal Ø 12	200
C602	8 mm square Ø 12	200
C603	10 mm square Ø 12	200

DRIVE HUB 16MM HOLE

C604



Features

Polyamide with fiber glass

Use

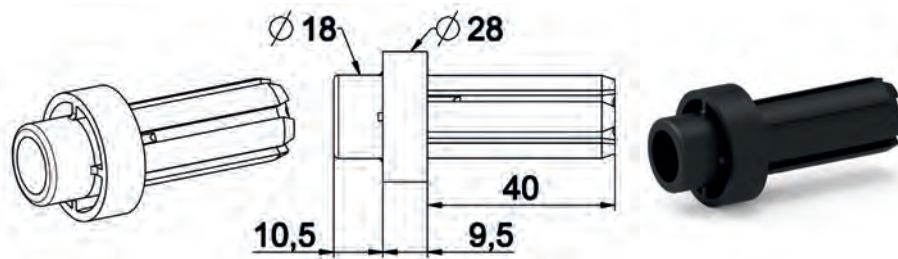
To be used with gears and 16mm dummy ends

RÉF.	PACK.
C604	200



HUB H 9.5 - Ø 18 - 12 MM BORE

G170C



Features

PA

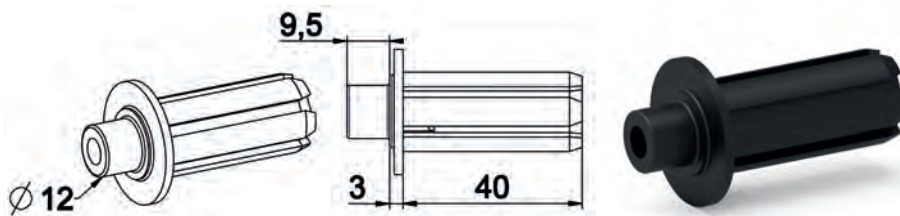
Use

Mounted on pulley with cap between endcaps, fixed on bearing Ø 12 mm pivot or bearing Ø 18 mm.

RÉF.	PACK.
G170C	300

HUB H 3 12 MM PIN

G170D



Features

PA

Use

Mounted on pulley with cap between endcaps, fixed on bearing Ø 12 mm bore.

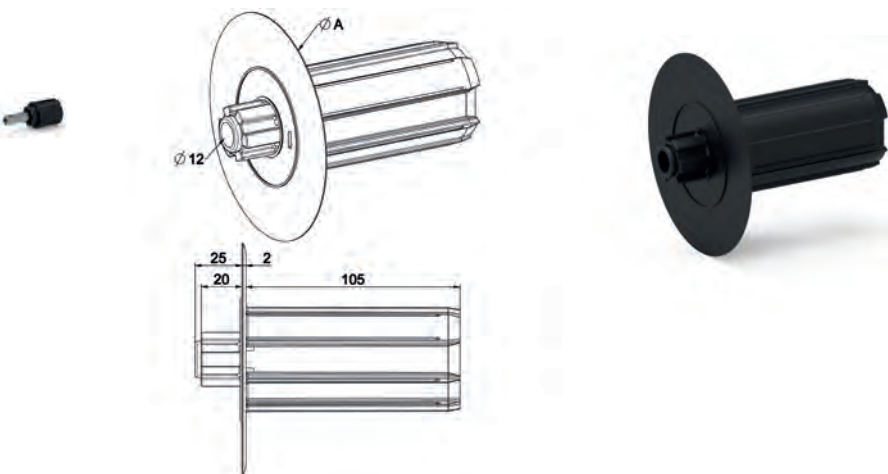
RÉF.	PACK.
G170D	300

Other references, contact us.



CAP WITH FLANGE

G167C



Features

PA + ABS

Use

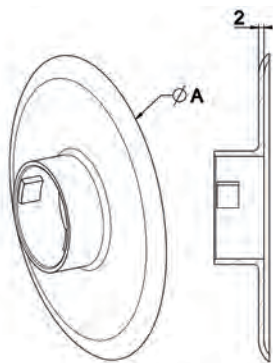
Used in PVC integrated box.
Between endcaps. Set on 12 mm pin.
Used on opposite side or with gearbox.

RÉF.	TYPE	DIM.A	PACK.
G167A	ZF54	114	50
G167J	ZF54	120	50
G167C	ZF54	135	50
G167D	ZF54	142	50
G167E	ZF54	158	50
G167F	ZF54	170	50
G167G	ZF54	180	50
G168B	OCTA 40	130	50
G168C	OCTA 40	135	50
G168D	OCTA 40	142	50
G168E	OCTA 40	158	50
G168F	OCTA 40	170	50
G168G	OCTA 40	180	50
G164E	OCTA 60	158	50
G164G	OCTA 60	180	50



COUNTER DISC TYPE 1

A567



Features

Impact polystyrene

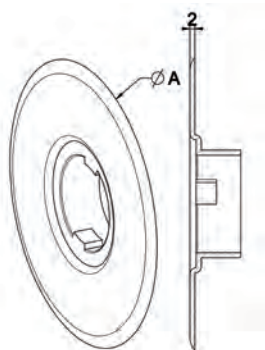
Use

Used with retractable caps with female claw couplings. To be used with ZF54, ZF64, Octagonal 40 and 60 tubes.

RÉF.	DIM.A	PACK.
A567	115	150
A568	130	200
A569	140	200
A586	155	100
A570	160	200
A571	170	100
A572	195	150

COUNTER DISC TYPE 2

A580



Features

Impact polystyrene

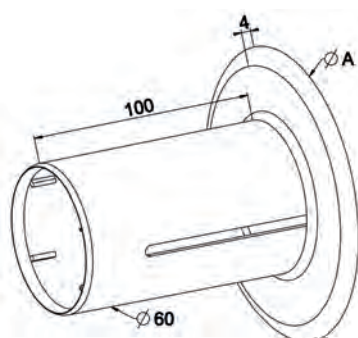
Use

Used with retractable caps with bearings: ZF54, ZF64, Octagonal 40, 60.

RÉF.	DIM.A	PACK.
A580	115	100
A582	140	200
A583	160	150
A584	170	100

SLIDING FLANGE FOR ZF 54 TUBE

A501A



Features

Impact polystyrene

Use

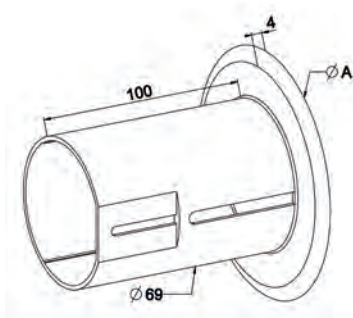
Locking with screw RÉF. 4209 or 4255 with motor

RÉF.	DIM.A	PACK.
A501A	115	75
A556A	130	50
A503A	138	60
A504A	145	60
A519H	155	50
A506A	160	50
A507A	170	50
A508A	178	50
A508E	188	40
A509A	195	25



SLIDING FLANGE FOR ZF64 TUBE

A519F



Features

Impact polystyrene

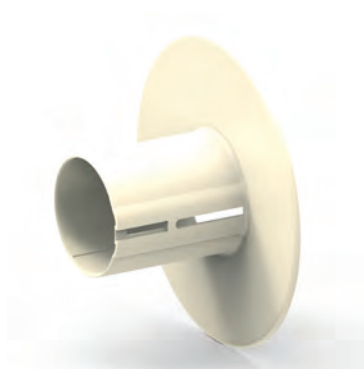
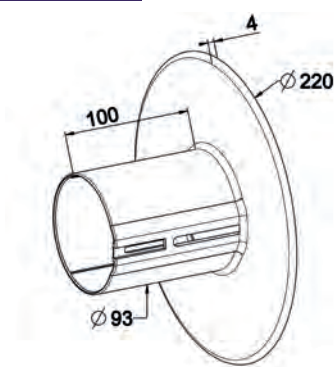
Use

Locking with screw RÉF. 4209 or 4255 with motor

RÉF.	DIM.A	PACK.
A519F	125	50
A556	132	50
A503	138	50
A519D	155	50
A506	160	40
A507	170	40
A524	188	30
A509	195	30
A513	220	25

SLIDING FLANGE FOR ZF80 TUBE

A587



Features

A.B.S

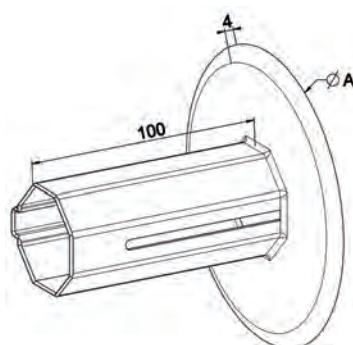
Use

Locking with screw RÉF. 4209.

RÉF.	PACK.
A587	25

COUNTER DISC FOR 40 MM OCTAGONAL TUBE

A519G



Features

Impact polystyrene

Use

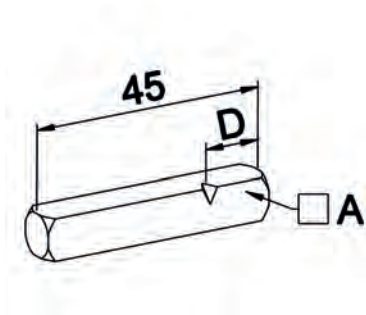
Locking with screw RÉF. 4209.

RÉF.	DIM.A	PACK.
A519G	125	85
A518	130	80
A519A	155	60
A519	160	50
A508C	178	50
A523	195	40



SQUARE SWIVEL

A604



Features

Zinc steel

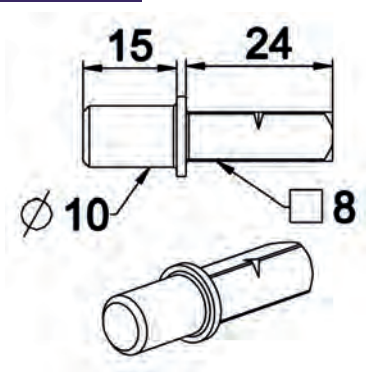
Use

To used with bearing or gearbox.

RÉF.	A	D	PACK.
A604	8mm square	12	500
A604	10mm square	6	250

DRIVE 8 MM SQUARE D. 10 MM

A606



Features

Zinc steel

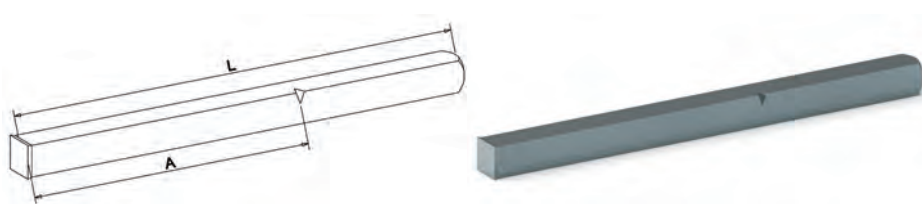
Use

With pulleys with cap on bearing Ref. B106 or ball bearing.

RÉF.	PACK.
A606	500

DRIVE 8 MM SQUARE

A610



Features

Zinc steel

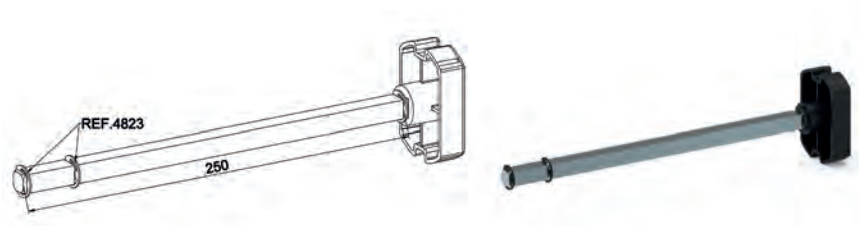
Use

With gearbox and pulleys in case of retractable assemblies out of endcap or not.

RÉF.	LENGTH	A	PACK.
A608	120	0	250
A610	120	75	250
A609	200	0	100

10MM AXLE + ZF64 BRACKET

A315A



Features

Zinc steel + PA

Use

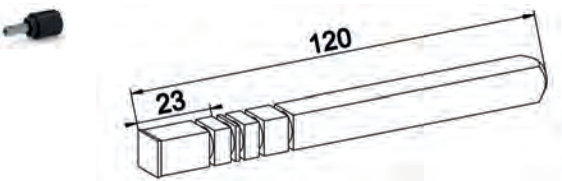
To be used with gear or pulley

RÉF.	PACK.
A315A	50



DRIVE 10 MM SQUARE

A605



Features

Zinc steel

Use

With gearbox and pulleys in case of retractable assemblies out of endcap or not.

RÉF.	LENGTH	TYPE	PACK.
A613A	80	2 grooves	250
A605	120	5 grooves	100
A605A	220	1 groove	50

RING

4823



Features

Steel

Use

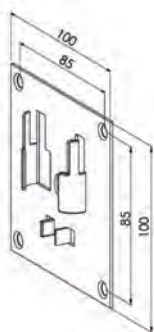
To stop gears or pulleys

RÉF.	PACK.
4823	1000



BEARING BRACKET Ø 42 100X100 + SCREW

B141A



Features

1,5 mm galvanized steel

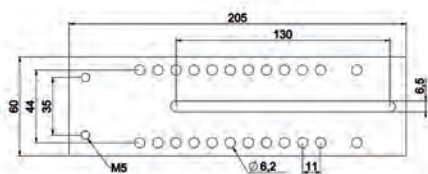
Use

For bearing D42.

RÉF.	PACK.
B141A	100

STEEL PLATE

B238



Features

2,5 mm galvanized steel

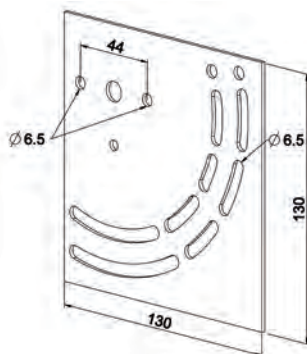
Use

On opposite side.
Fixed on the guide rail.

RÉF.	PACK.
B238	25

POSITIONING PLATE

C503A



Features

2 mm galvanized steel

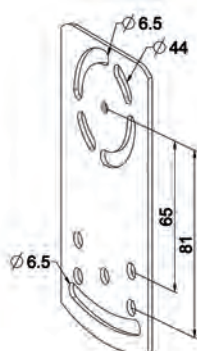
Use

For Conical gears positioning

RÉF.	PACK.
C503A	50

CONICAL GEARBOX AND CONIPACT BRACKET

C505



Features

2 mm galvanized steel

Use

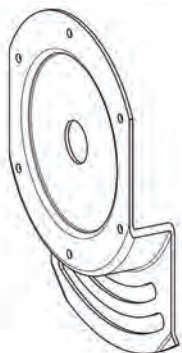
To set the angle of conipact and conical gearbox

RÉF.	PACK.
C505	100



BRACKET FOR GEARBOX

C509



Features

1,5 mm galvanized steel

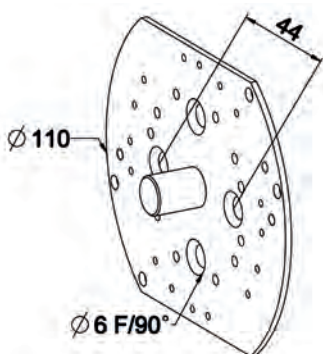
Use

Used with gearbox C181, C182, C183 mounted on pin bracket B104 in traditional or tunnel box.

RÉF.	TYPE	PACK.
C509	6 holes D. 3,4	100
C517	6 tapped M4 holes	100

BRACKET 12MM PIN

C523A



Features

2 mm galvanized steel

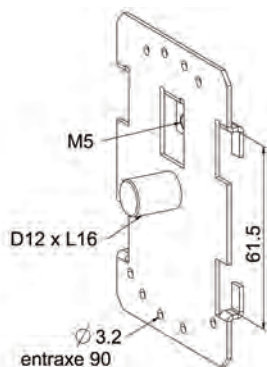
Use

Enables to fix the gearboxes in traditional or PVC boxes

RÉF.	PACK.
C523A	100

12MM PIN SLIDING BRACKET

C524B



Features

1,5 mm galvanized steel

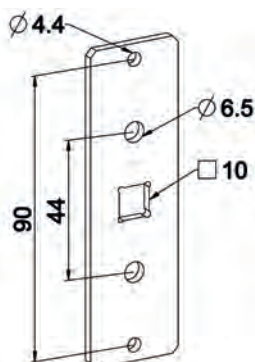
Use

For traditional shutter in combination with ZF bracket systems.

RÉF.	PACK.
C524B	100

MOTOR BRACKET

J505A1



Features

3 mm galvanized steel

Use

For mounting the motors with crank pin 10 mm square.

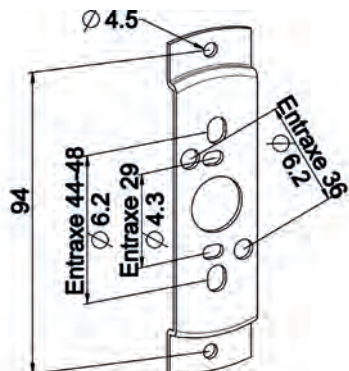
Or any other 10mm square device

RÉF.	PACK.
J505A1	200



MOTOR BRACKET

C519



Features

1,5 mm galvanized steel

Use

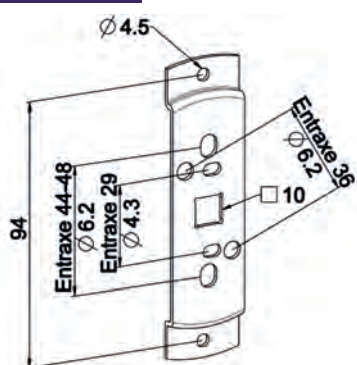
Limited to motors : Somfy, Jolly Motor, Becker, Simu and Nice.

Delivered with 2 screws 4,2 X 9,5

RÉF.	PACK.
C519	200

MOTOR BRACKET 10 MM SQUARE

C519B



Features

1,5 mm galvanized steel

Use

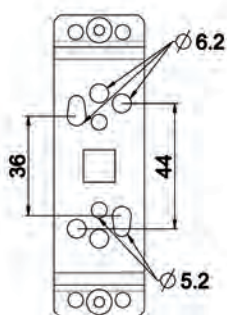
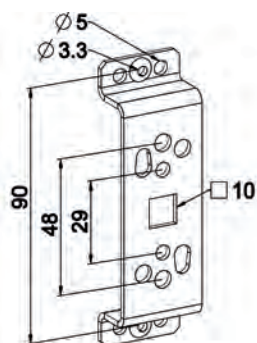
For mounting 10 mm square motors, and B104 ZF bracket.

Delivered with 2 screws 4,2 X 9,5

RÉF.	PACK.
C519B	100

UNIVERSAL MOTOR BRACKET

B296



Features

2 mm galvanized steel

Use

For fixing various motors: Somfy, Simu, Jolly Motor ...

Distance : 29 - 48 - 44 - 36.

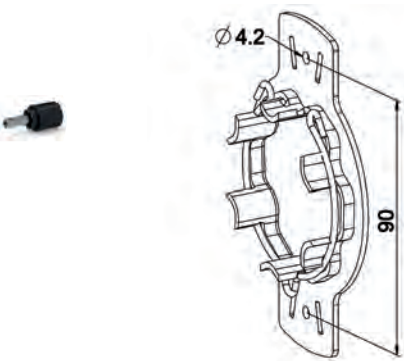
Delivered with screws

RÉF.	PACK.
B296	100



SOMFY MOTOR BRACKET + RING

J546A1



Features

Galvanized steel

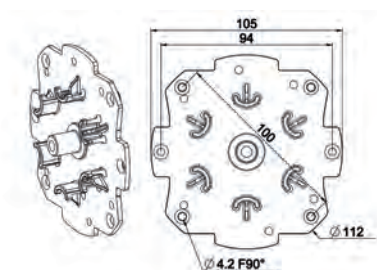
Use

For traditionnal shutter, tunnel box, Pvc monobloc shutter.

RÉF.	PACK.
J546A1	150

SOMFY MOTOR BRACKET

J546C3



Features

PA charged with fiberglass

Use

Enables to lock Somfy motors, maximum torque 20Nm.

RÉF.	TYPE	PACK.
J546C3	without ring	350
J546C	with ring	100

RING FOR SOMFY MOTOR BRACKET

J546A3



Features

Coated Steel.

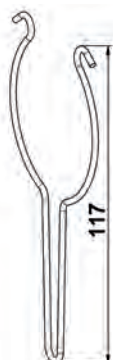
Use

To link motor brackets with motors

RÉF.	PACK.
J546A3	500

RING FOR SOMFY MOTOR BRACKET

J546A6



Features

Coated Steel.

Use

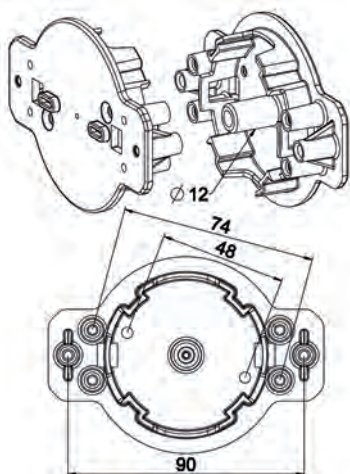
To link motor brackets with motors

RÉF.	PACK.
J546A6	250



NICE MAX MOTOR BRACKET

K370C91



Features

PA charged with fiberglass

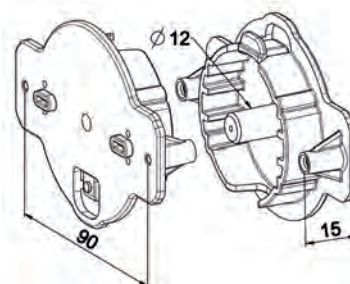
Use

For mounting the motors NICE MAX.
Maximum torque : 20 Nm.

RÉF.	PACK.
K370C91	250

DELTA DORE MOTOR BRACKET

K370C92



Features

PA charged with fiberglass

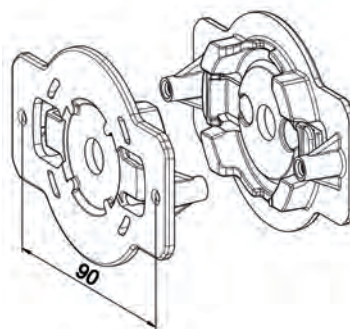
Use

For mounting the Delta Dore motors.
Maximum torque : 20 Nm.

RÉF.	PACK.
K370C92	250

BECKER MOTOR BRACKET

K370C81



Features

PA charged with fiberglass

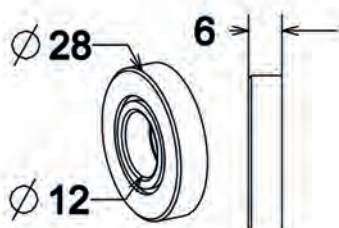
Use

For mounting the Becker motors.
Maximum torque : 20 Nm.

RÉF.	PACK.
K370C81	250

SLIDE BEARING 28 MM TH. 6 MM

B114



Features

Made of 2 different materials to reduce friction

Use

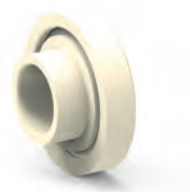
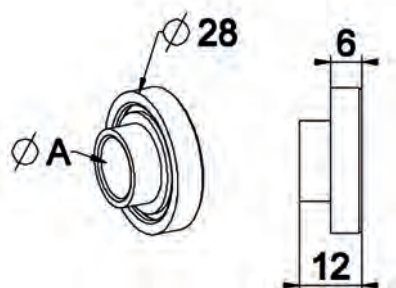
Max 15kg / bearing

RÉF.	PACK.
B114	500



SLIDE BEARING DIAMETER 28MM. 12 MM TH.

B124



Features

Made of 2 different materials to reduce friction

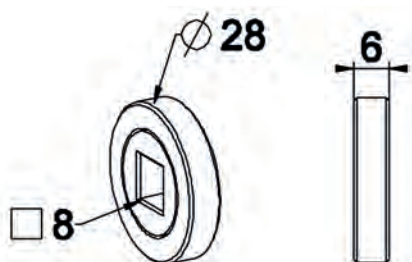
Use

Max 15kg / bearing

RÉF.	TYPE	PACK.
B124	12 mm bore	500
B124A	10 mm bore	500

BALL BEARING D. 28 MM THICKNESS 6 MM. 8MM SQUARE

B116



Features

Balls: stainless steel. Cage: POM

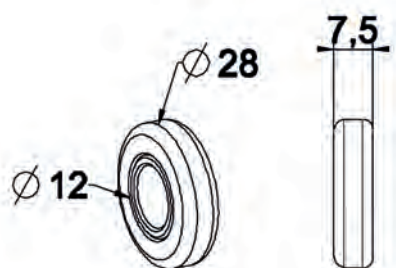
Use

Max 20kg / bearing

RÉF.	PACK.
B116	1000

BALL BEARING D. 28 MM THICKNESS 7,5 MM

B120



Features

Balls: stainless steel. Cage: POM

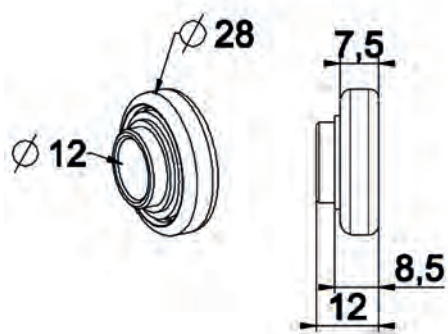
Use

Max 20kg / bearing

RÉF.	PACK.
B120	500

BALL BEARING D. 28/12 MM THICKNESS 12 MM

B126



Features

Balls: stainless steel. Cage: POM

Use

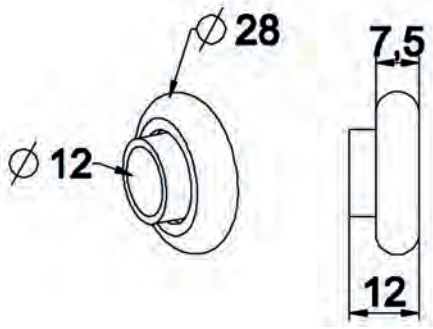
Max 20kg / bearing

RÉF.	PACK.
B126	500



BALL BEARING DIAMETER 28/12MM. 12 MM TH.

B132



Features

Steel

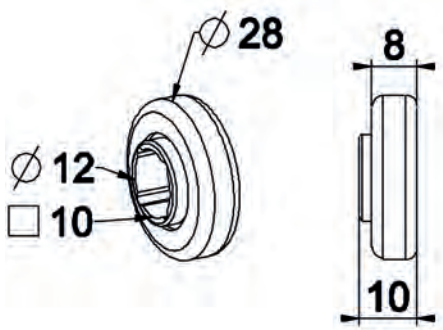
Use

Max 12,5kg / bearing

RÉF.	PACK.
B132	500

BALL BEARING D28/12 MM + 10 MM SQUARE THICKNESS 10

B134



Features

Steel + PA

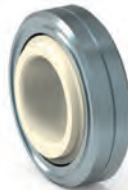
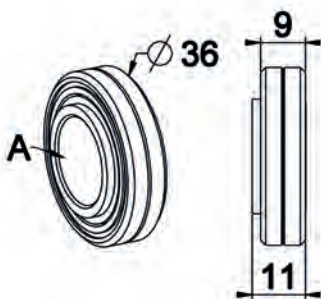
Use

Max. shutter weight :12,5 kg/ bearing

RÉF.	PACK.
B134	600

BALL BEARING D. 36 MM THICKNESS 11 MM

B128



Features

Balls: stainless steel. Cage: POM + steel

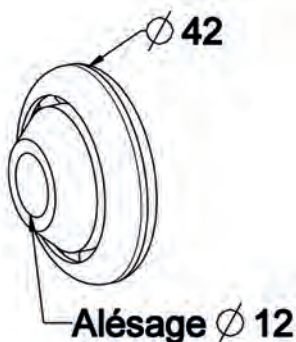
Use

Max 20kg / bearing

RÉF.	TYPE	PACK.
B128	18mm	200
B129	10mm SQUARE	200

BALL BEARING D42/12MM

B141B



Features

Balls: steel. Cage: zinc steel

Use

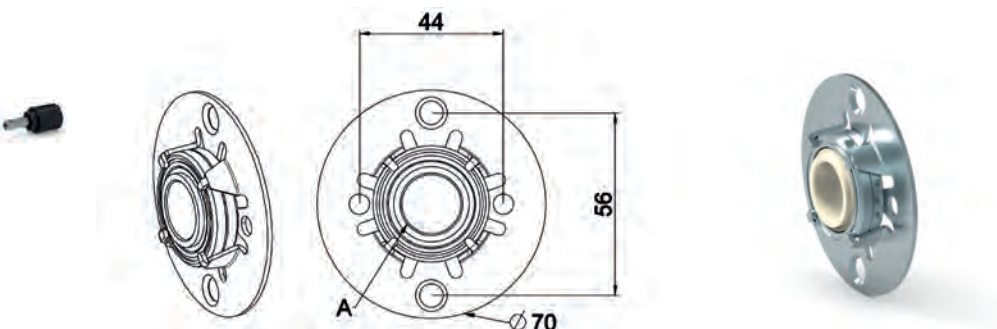
Max 20kg / bearing

RÉF.	TYPE	PACK.
B141B	PA	100
B141C	Zinc steel	100



BRACKET WITH 18 MM BORE

B751B1



Features

Galvanized steel + POM

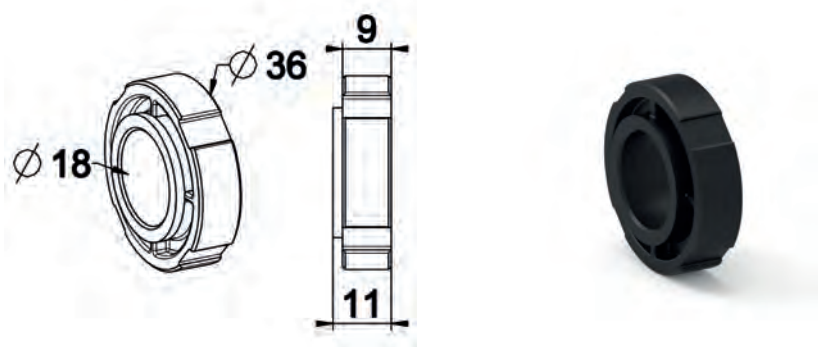
Use

Max 20kg / bearing

RÉF.	TYPE	PACK.
B751B1	D;18mm	100
B751B2	10mm SQUARE	100

SLIDE BEARING D. 36/18MM. 11MMTH.

B131



Features

POM

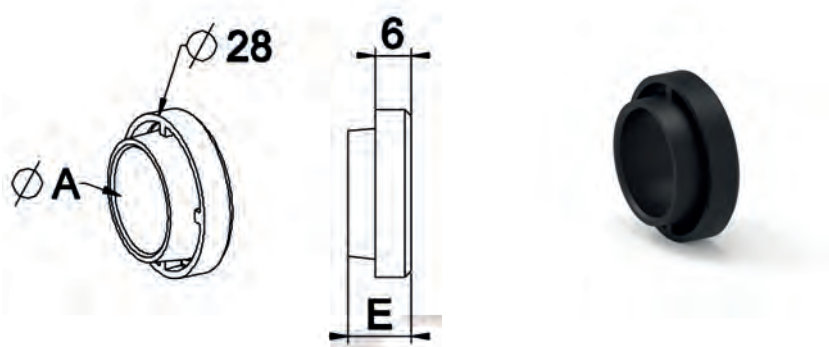
Use

Max 20kg / bearing

RÉF.	PACK.
B131	1200

SLIDE BEARING D28MM

B131B



Features

POM

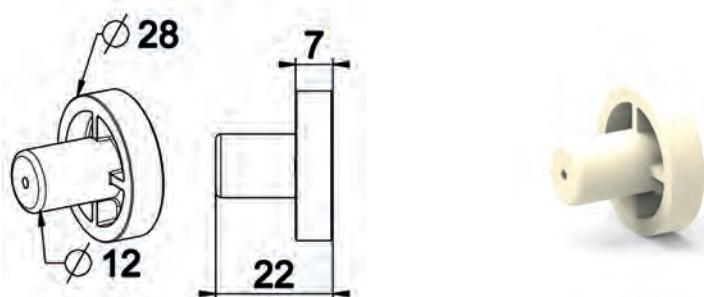
Use

Max 20kg / bearing

RÉF.	E	Ø A	PACK
B131B	10,5	18	500
B131E	12	12	500

PIN BEARING D.28/12

B131F



Features

POM

Use

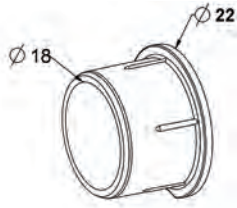
Max 15kg / bearing

RÉF.	PACK.
B131F	500



PIN BEARING D.22/18

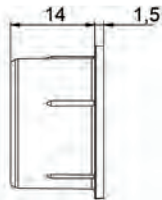
B131L



Use

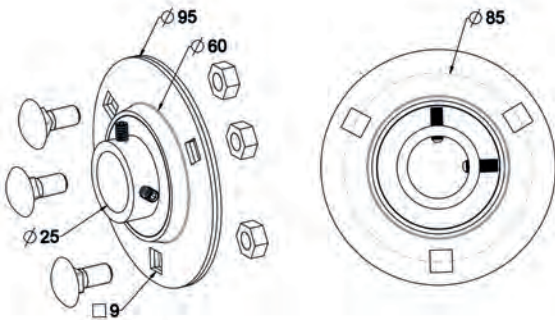
Adapt Ø 18 dummy end to Ø 22 brackets

RÉF.	PACK.
B131L	500



BRACKET WITH BEARING. 25 MM

M130



Features

Zinc steel + highly resistant steel

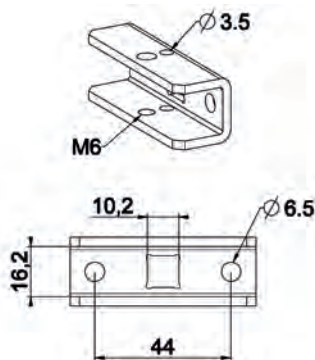
Use

To be used with B110BB bracket. Delivered with screws and nuts. 150kg per bearing.

RÉF.	PACK.
M130	30

U BRACKET 16/10 MM SQUARE

B100G



Features

3mm galvanized steel

Use

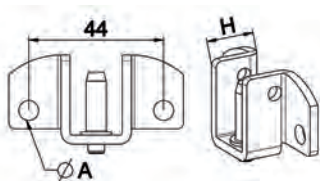
For mounting of the motors with crank pin 10 mm or 16 mm dummy ends and springs. Delivered in bags with a screw TH M6 x 25 class 8-8.

75kgs per bracket.

RÉF.	TYPE	PACK.
B100G	Without screw.	100

PIN BRACKET

B104



Features

Zinc steel

Use

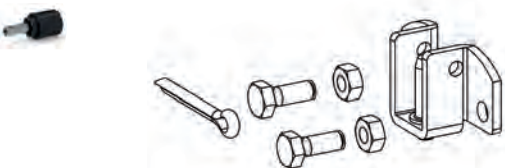
To be used with D.16 dummy ends and springs. Max weight 40kg.

RÉF.	Ø A	H	PACK.
B101	6,2	21	200
B104	6,2	17	220
B105	M6	17	220



PIN BRACKET + SCREW

B104A



Features

Zinc steel

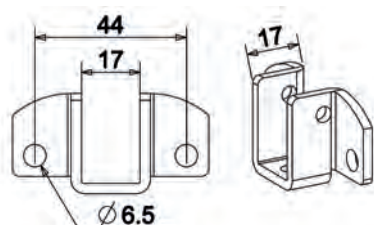
Use

Delivered with screw, nut, split pin. Max weight 40 kg

RÉF.	PACK.
B104A	100

BRACKET

B104M1



Features

Zinc steel

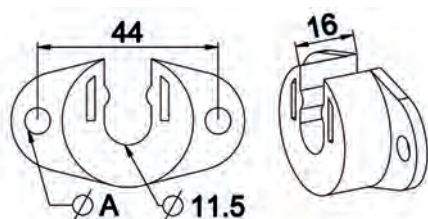
Use

To be used with springs on aluminium endplates

RÉF.	PACK.
B104M1	200

BRACKET FOR 10MM PIN

B106



Features

PA

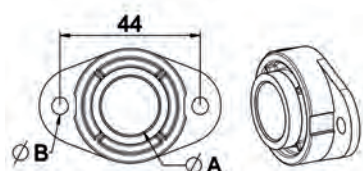
Use

To be used with part A606. Max weight 15kgs.

RÉF.	Ø A	PACK.
B106	6,2	200

BEARING

B131A



Features

POM

Use

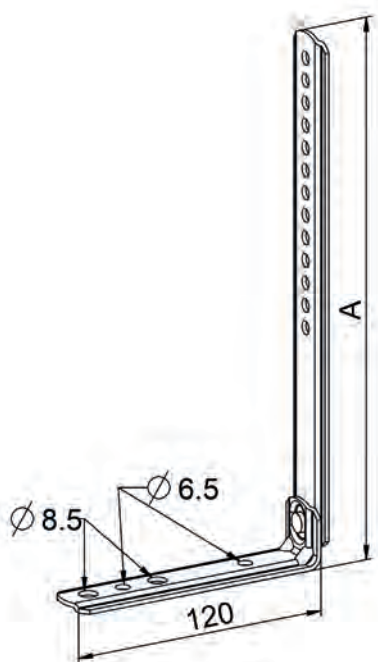
To be used with 12 or 18mm dummy ends. Max weight 20kg per bearing

RÉF.	Ø A	Ø B	PACK
B131A	18	5,2	1000
B131AS	18	6,2	300
B131D	12	5,2	300



REINFORCEMENT BRACKET OFFSET 120

B202



Features

Galvanized steel

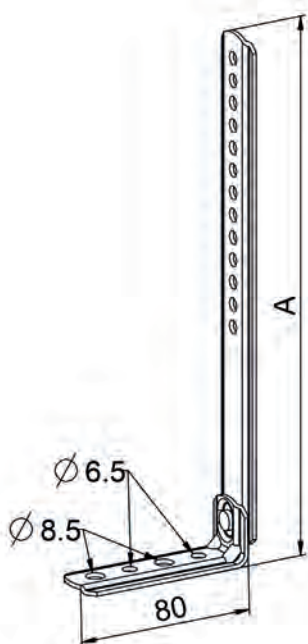
Use

For securing the roller shutter to the building.

REF.	DIM.A	DIM.B
B202	240	120
B203	200	120

REINFORCEMENT BRACKET OFFSET 80

B204



Features

Galvanized steel

Use

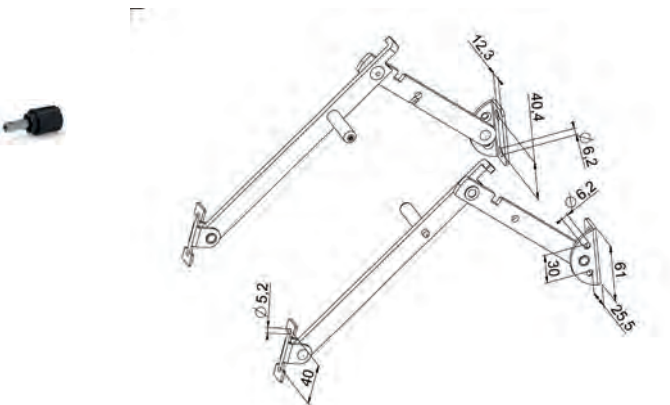
For securing the roller shutter to the building.

REF.	DIM.A	DIM.B
B204	240	80
B205	200	80



EXTENSION ARM ALU

H403



Features

Aluminium. Polyester coating
sold as a pair

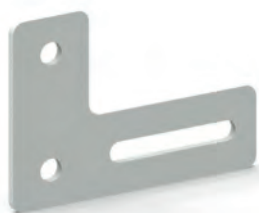
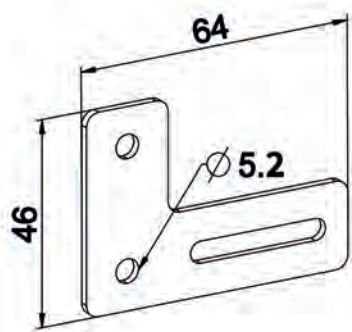


RÉF.	TYPE	COLOR	LENGTH	PACK.
H403	Bracket center distance 40	Raw	400	25
H403A	Bracket center distance 40	White	400	25
H403AA	Bracket center distance 40	White	400	25
H403B	Bracket center distance 40	Grey	400	25
H403BA	Bracket center distance 40	Grey	400	25
H403DN	Bracket center distance 40	Brown	400	25
H403F	Bracket center distance 40	Grey	400	25
H403G	Bracket center distance 40	Brown	400	25
H403K	Bracket center distance 40	Black	400	25



EXTENSION ARM BRACKET

H499



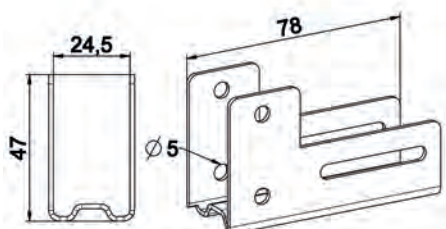
Features

2 mm aluminium, polyester coating

RÉF.	COLOR	PACK.
H499	raw	300
H499A	white RAL 9016	300
H499B	grey RAL 7035	300
H499BA	grey RAL 7016	300
H499C	white RAL 9010	300
H499DN	brown Noir RAL 8022	300
H499F	grey RAL 9006	300
H499G	sepia brown RAL 8014	300
H499K	black RAL 9005	300

DOUBLE EXTENSION BRACKET

H472



Features

1,5 mm aluminium, polyester coating

RÉF.	COLOR	PACK.
H471	White RAL 9010	100
H471E	RAL 8003	100
H472	Grey RAL 7035	100
H472A	Gray RAL 7016	100
H472C	Gray RAL 9006	100
H473	Brown RAL 8017	100

FOLDING PROJECTING HINGE

H477



Features

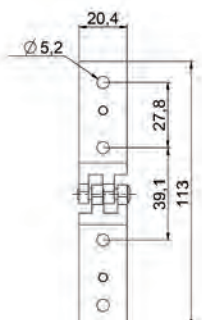
2,5 mm aluminium; polyester coating

RÉF.	COLOR	PACK.
H476	White	50
H477	Grey	50
H478	Brown	50



PROJECTION HINGE

H417



Features

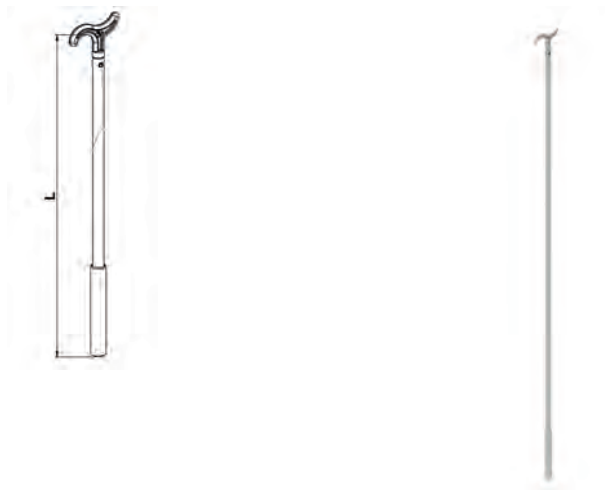
1,2mm steel polyester coating/1,5 aluminium polyester coating

RÉF.	TYPE	COLOR	PACK
H417	Alu	raw	48
H417A	Alu	white RAL 9016	48
H417B	Alu	light grey RAL 7035	48
H417BA	Alu	grey RAL 7016	48
H417D	Alu	brown	48
H417DN	Alu	black brown RAL 8022	48
H417E	Alu	white RAL 9010	48
H417F	Alu	grey RAL 9006	48
H417G	Alu	sepia brown RAL 8014	48
H417H	Alu	beige BR28	48
H417K	Alu	black RAL 9005	48



DIRECT PULL STICK

E192AA



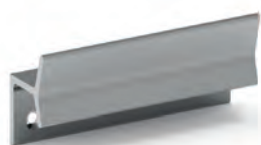
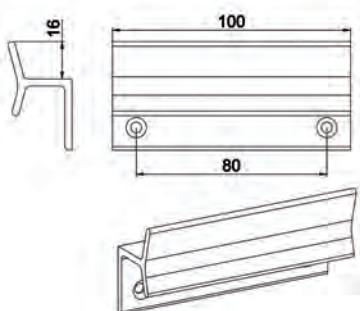
Features

Grey 12mm stick, PA hook.

RÉF.	DIM L	PACK.
E192AA	950	25
E199AA	1450	25

SHUTTER HANDLE

H220



Features

3 mm aluminium, polyester coating
Delivered with stainless steel screws.

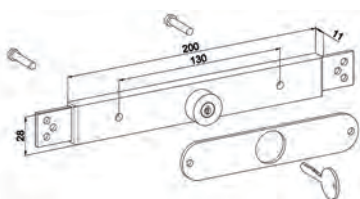
Use

Fixed with screw on the endslat.

RÉF.	COLOR	PACK.
H220	White BJ01	100
H220A	black RAL 9005	100

SHUTTER LOCK

H811



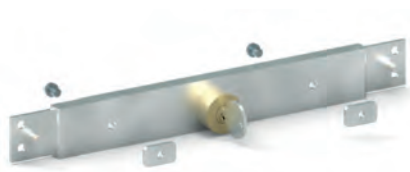
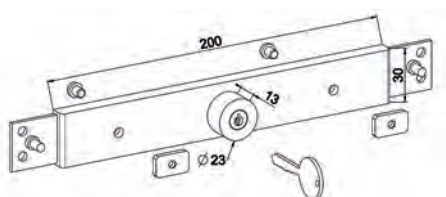
Features

Zinc and galvanized steel + aluminium
Supplied with 2 keys

RÉF.	PACK.
H811	10

SHUTTER LOCK FOR T SLOT ENDSLAT

H811B



Features

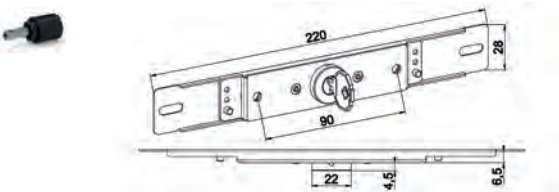
Zinc and galvanized steel + brass
Supplied with 2 keys

RÉF.	PACK.
H811B	10



INTERMEDIATE SLAT LOCK

H811CA



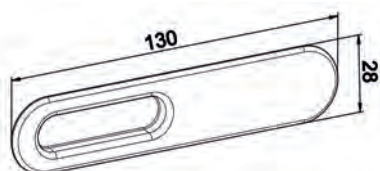
Features

Zinc and galvanized steel + brass

RÉF.	TYPE	KEY N°	PACK.
H811CA	Galvanized	901	50
H811CB	Galvanized	902	50
H811CC	Galvanized	903	50
H811CD	Galvanized	904	50
H811CAA	9010 white	901	50
H811CAB	9010 white	902	50
H811CAC	9010 white	903	50
H811CAD	9010 white	904	50
H811CBA	8019 brown	901	50
H811CBB	8019 brown	902	50
H811CBC	8019 brown	903	50
H811CBD	8019 brown	904	50
H811CDA	9005 black	901	50
H811CDB	9005 black	902	50
H811CDC	9005 black	903	50
H811CDD	9005 black	904	50

HALF HANDLE

H811D



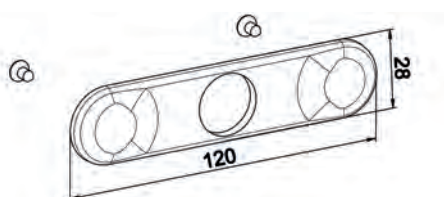
Features

A.S.A

RÉF.	COLOR	PACK.
H811D	9010 white	50
H811E	8019 brown	50
H811F	9005 black	50

PLATE

H811M



Features

Polyamide

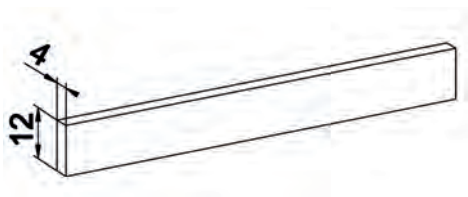
Supplied with screws

RÉF.	COLOR	PACK.
H811M	9010 white	50
H811N	8019 Brown	50
H811P	9005 black	50



ALUMINIUM BAR FOR LOCKS

H808



Features

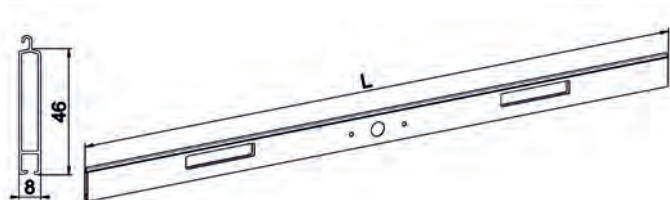
raw aluminium

Supplied as a bunch of 5 bars. 3 meters bars.

REF	TYPE	PACK
H808	12x4	15 m
H808A	12x3	15 m

MACHINED INTERMEDIATE SLAT

H809H21



Features

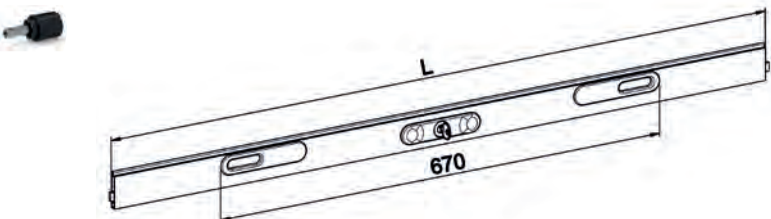
extruded aluminium 8X46

RÉF.	LOCK	L.	COLOR	WINDING	PACK.
H809H21	without	990	raw	Inward	8
H809H22	without	1490	raw	Inward	8
H809H23	without	2990	raw	Inward	8
H809H26	without	990	raw	outward	8
H809H27	without	1490	raw	outward	8
H809H28	without	2990	raw	outward	8



INTERMEDIATE SLAT WITH LOCK AND HANDLE

H809AA



Features

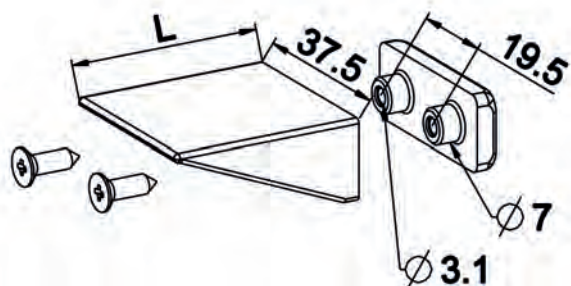
Slat: extruded aluminium 8X46.
 Ready to use set. Supplied with 2 keys. Easy to cut to size

RÉF.	LOCK	L.	COLOR	WINDING	PACK.
H809AA	with	990	white RAL 9010	Inward	8
H809AB	with	990	brown RAL 8019	Inward	8
H809AC	with	990	black RAL 9005	Inward	8
H809AD	with	990	white RAL 9016	Inward	8
H809AE	with	990	charcoal grey RAL 7016	Inward	8
H809BA	with	1490	white RAL 9010	Inward	8
H809BB	with	1490	brown RAL 8019	Inward	8
H809BC	with	1490	black RAL 9005	Inward	8
H809BD	with	1490	white RAL 9016	Inward	8
H809CA	with	2990	white RAL 9010	Inward	8
H809CB	with	2990	brown RAL 8019	Inward	8
H809CC	with	2990	black RAL 9005	Inward	8
H809CD	with	2990	white RAL 9016	Inward	8
H809JA	with	990	white RAL 9010	outward	8
H809JB	with	990	brown RAL 8019	outward	8
H809JC	with	990	black RAL 9005	outward	8
H809JD	with	990	white RAL 9016	outward	8
H809KA	with	1490	white RAL 9010	outward	8
H809KB	with	1490	brown RAL 8019	outward	8
H809KC	with	1490	black RAL 9005	outward	8
H809KD	with	1490	white RAL 9016	outward	8
H809LA	with	2990	white RAL 9010	outward	8
H809LB	with	2990	brown RAL 8019	outward	8
H809LC	with	2990	black RAL 9005	outward	8
H809LD	with	2990	white RAL 9016	outward	8



CURTAIN STOP WITH COUNTERPLATE

H147



Features

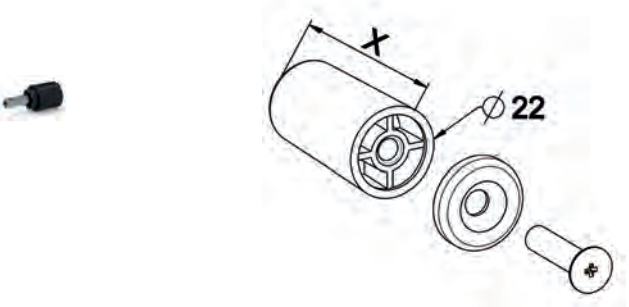
PA
Supplied with or without screw.

RÉF.	TYPE	COLOR	LENGTH	PACK.
H147	With screw	White	40	500
H149	With screw	Brown	40	500
H151	With screw	Black	40	500
H152	With screw	Grey	40	500
H146	Without screw	White	40	1000
H148	Without screw	Brown	40	1000
H150	Without screw	Black	40	1000



ROUND STOPPER WITH WASHER AND SCREW

H191B



Features

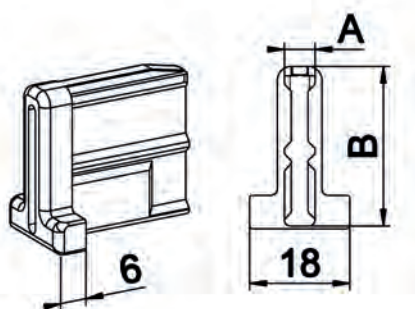
PP
Supplied with M6X20 or M6X25 screw.
Other colors available

RÉF.	TYPE	COLOR	LENGTH	PACK.
H191A	Screw 6 x 20	White	13,5	1000
H191C	Screw 6 x 20	Grey	13,5	1000
H191B	Screw 6 x 20	Beige	13,5	1000
H191CC	Screw 6 x 20	Grey	13,5	1000
H191D	Screw 6 x 20	Black	13,5	1000
H191E	Screw 6 x 20	Brown	13,5	1000
H132	Screw 6 x 20	White	15	1000
H132C	Screw 6 x 20	Beige	15	1000
H132F	Screw 6 x 20	Black	15	1000
H132G	Screw 6 x 20	Golden Oak	15	1000
H133	Screw 6 x 20	Grey	15	1000
H134	Screw 6 x 20	Brown	15	1000
H176	Screw 6 x 25	White	15	1000
H135	Screw 6 x 20	White	25	500
H135H	Screw 6 x 20	Black	25	500
H135B	Screw 6 x 20	Beige	25	500
H136	Screw 6 x 20	Grey	25	500
H137	Screw 6 x 20	Brown	25	500
H137CD	Screw 6 x 20	Golden Oak	25	500
H157	Screw 6 x 25	White	25	500
H185	Screw 6 x 25	Grey	25	500
H157CD	Screw 6 x 20	Golden Oak	25	500
H186	Screw 6 x 25	Brown	25	500
H138	Screw 6 x 20	White	40	500
H139B	Screw 6 x 20	Grey 7016	40	500
H139	Screw 6 x 20	Grey 7035	40	500
H140	Screw 6 x 20	Brown	40	500
H142D	Screw 6 x 20	Beige	40	500
H138K	Screw 6 x 20	Golden Oak	40	500
H142	Screw 6 x 25	White	40	500
H142B	Screw 6 x 25	Beige	40	500
H142F	Screw 6 x 25	Black	40	500
H143	Screw 6 x 25	Grey	40	500
H144	Screw 6 x 25	Brown	40	500

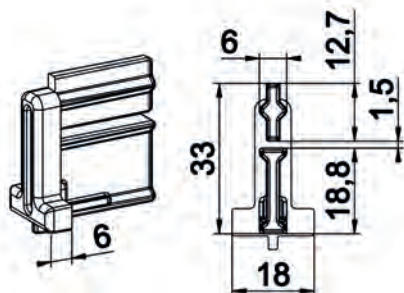


STOPPER FOR ENDSLAT 8/9

H153



H166



Features

PA

Use

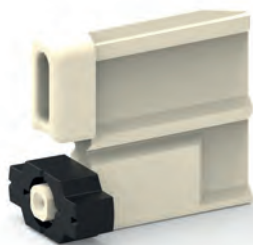
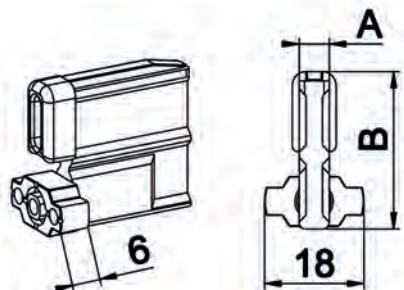
Is mounted into the endslat to block into the entry guide.

RÉF.	TYPE	DIM.A	DIM.B
H153	5,5	28,7	500
H153BP	6,1	25	500
H154	5,5	34,5	1000
H155	5,5	26,7	1000
H156	6	35,2	1000

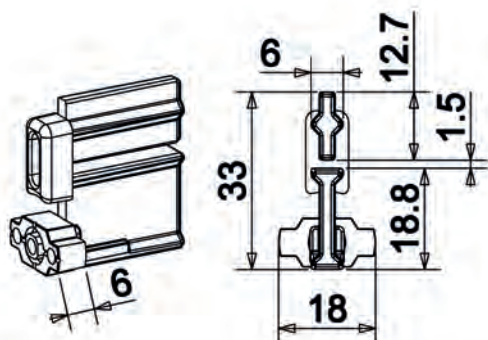
RÉF.	TPACK.
H166	1500

STOPPER FOR ENDSLAT. ROTARY STOP 8/9

H153A



H166A



Features

PA

Use

Is mounted into the endslat to block into the entry guide.

RÉF.	DIM.A	DIM.B	PACK.
H153A	5,5	28,7	500
H153AB	6,1	25	500
H155A	5,5	26,7	500
H158A	4	29,2	500

RÉF.	PACK.
H166A	500



STOPPER FOR ENDSLAT. AUTOMATIC ROTARY STOP 8/9

H194A



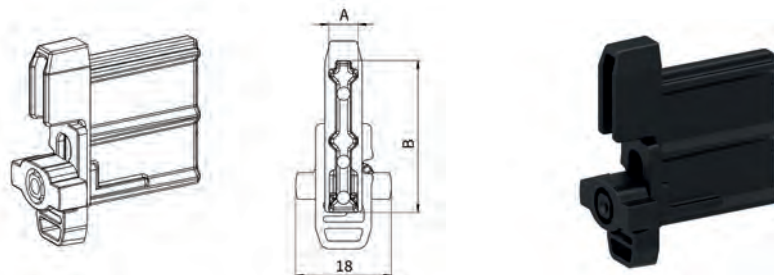
Features

PA

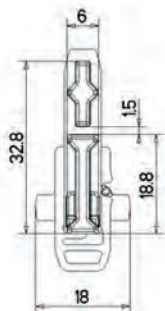
Use

All shutter for renovation with motor or handle.

RÉF.	A	B	PACK.
H194A	5,5	28,6	500
H194B	6,4	24,4	500
H194D	5,9	26,3	500
H194E	5	29,2	500



H194F



RÉF.	A	B	C	D	PACK.
H194F	6	32,8	18,8	1,5	500

V STOPPER FOR ENDSLAT 8/9

H177A

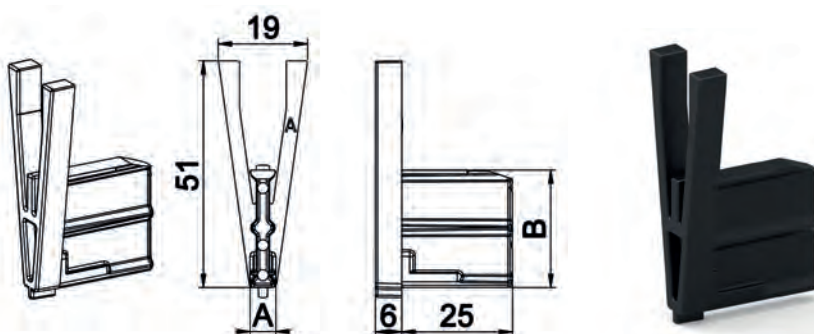
Features

PA

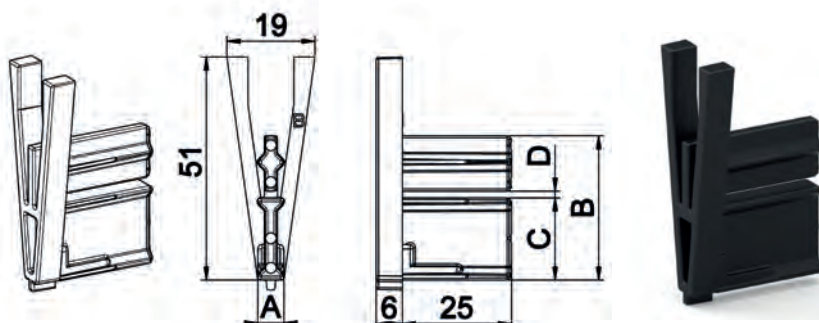
Use

Is mounted into the endslat to block into the entry guide.

RÉF.	DIM.A	DIM.B	PACK.
H177A	5.9	26.4	500
H177BP	6.1	25.1	500
H177C	5.5	28.7	500
H177D	5.5	34.8	500
H177E	5	29.2	500
H177G	7.2	39.4	500
H177H	6.4	26.9	500
H177K	6.1	40.5	500



H177B

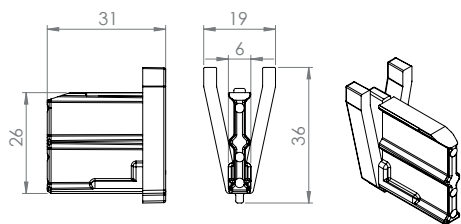


RÉF.	DIM.A	DIM.B	DIM.C	DIM.D	PACK.
H177B	6	33	18.8	1.5	500
H177F	6.2	36.5	18.5	1.2	500



V STOPPER FOR ENDSLAT 8/9

H177BC



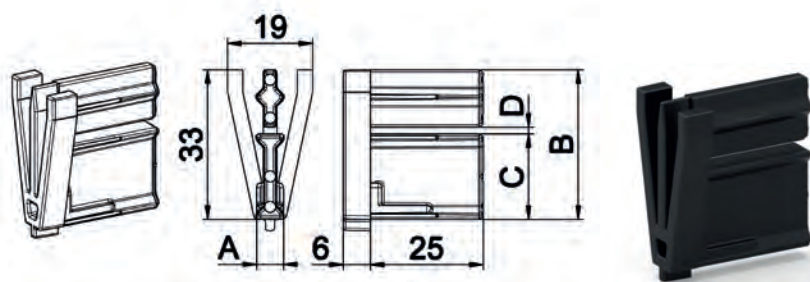
RÉF.	A	B	PACK.
H177AC	5,9	26,4	500
H177KC	6,2	40,5	500
H177LC	6,2	21,5	500
H177MC	6,2	24,5	500
H177NC	5,3	29	500
H177PC	5,8	29	500
H177QC	6,3	26,3	500

Features

PA

Use

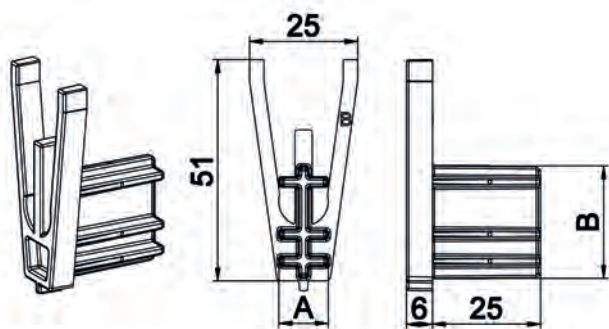
Is mounted into the endslat to block into the entry guide.



RÉF.	A	B	C	D	COND.U
H177BC	6	33	18,8	1,5	500
H177FC	6,2	36,5	18,5	1,2	500

V STOPPER FOR ENDSLAT 11/14

H178B



Features

PA

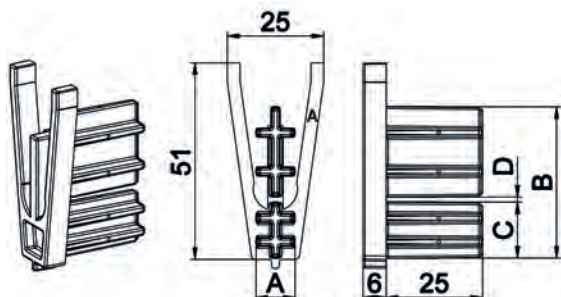
Use

Is mounted into the endslat to block into the entry guide.



RÉF.	DIM.A	DIM.B	PACK.
H178B	11.6	26.1	500
H178C	11.1	32.6	500
H178D	9.6	32.8	500
H178F	8.6	39.8	500
H178G	11.1	30.1	500
H178H	10.4	27.1	500
H177J	6.4	26.9	500

H178A

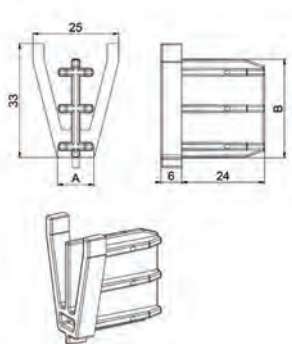


RÉF.	DIM.A	DIM.B	DIM.C	DIM.D	PACK.
H178A	10.3	39.5	14.7	1.2	500
H178E	12.3	33.6	12.1	1.3	500



V STOPPER FOR ENDSLAT 11/14

H178JC



Features

PA

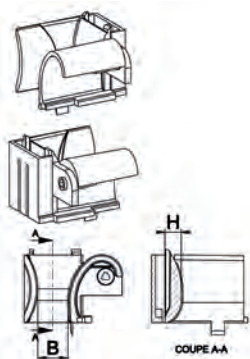
Use

Is mounted into the endslat to block into the entry guide.

RÉF.	DIM.A	DIM.B	PACK.
H178AJC	10	38	500

TRADI EXPRESS ENTRY GUIDE

B734C1



Features

POM

Use

For assemblies interior or exterior winding.

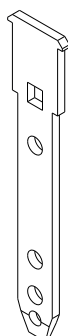
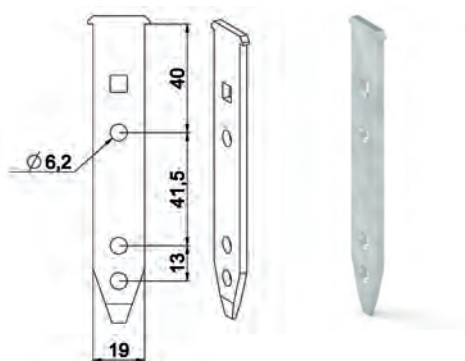
Remark

When using with Tradi Express and renovation guide, use H=6,14

RÉF.	TYPE	COLOR	H	B	PACK.
B734C17	Left - 8 mm	BLACK	4	11	500
B734C18	Right - 8 mm	BLACK	4	11	500
B734C5	Left - 8 mm slat	NATURAL	4	11	500
B734C6	Right - 8 mm slat	NATURAL	4	11	500
B734C1	Left - 8 mm slat	BEIGE	6.5	11	500
B734C2	Right - 8 mm slat	BEIGE	6.5	11	500
B734C9	Left - 8 mm slat	BLACK	6.5	11	500
B734C10	Right - 8 mm slat	BLACK	6.5	11	500
B734C7	Left - 14 mm slat	GREY	4	15,5	250
B734C8	Right - 14 mm slat	GREY	4	15,5	250
B734C3	Left - 14 mm slat	BLACK	6.5	15,5	500
B734C4	Right - 14 mm slat	BLACK	6.5	15,5	500

ENTRY GUIDE BRACKET

B732E



B732H

Features

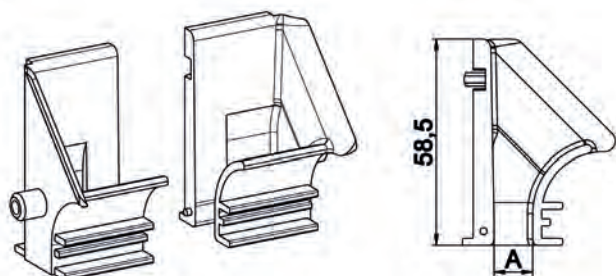
Galvanized steel

RÉF.	TYPE	WIDTH	PACK.
B732E	th. 3 mm	19mm	250
B732G	th. 2 mm	19mm	300
B732H	th. 3 mm	14,5mm	250
B732N	th. 3 mm	16,5mm	200
B732Q	th. 3 mm	12mm	250



TRADI ZF ENTRY GUIDES

H360



Features

POM

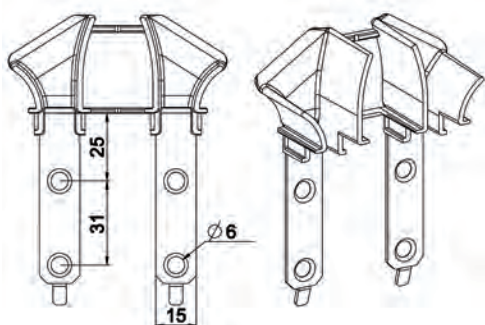
Use

To be used with bracket H354 / 355 only

RÉF.	TYPE	A	COLOR	PACK.
H360C1	Left 8mm slat	11	NATURAL	500
H360C2	Right 8mm slat	11	NATURAL	500
H360	Pair 8mm slat	11	NATURAL	250
H361C1	LEFT 14mm slat	16	BEIGE	500
H361C2	RIGHT 14mm slat	16	BEIGE	500
H361	PAIR 14mm slat	16	BEIGE	250

TRADI ENTRY GUIDE SIMPLE GUIDE

H363



Features

POM + galvanized steel
Supplied as a pair

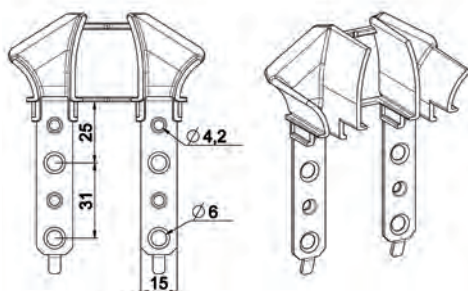
Use

Fixed at the top of the rail :
- on simple- or PVC rails.

RÉF.	TYPE	COLOR	PACK.
H363	For 8 mm slat.	Natural	250
H364	For 14 mm slat.	Grey	250

TRADI ENTRY GUIDE SIMPLE GUIDE

H363B



Features

POM + galvanized steel
Supplied as a pair

Use

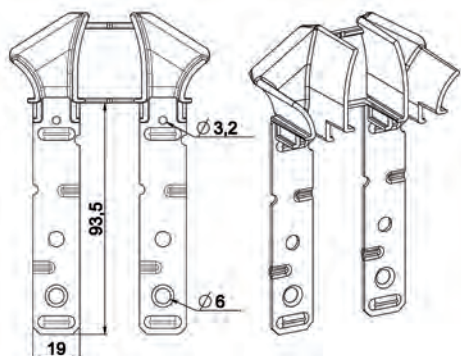
Fixed with screws or rivet

RÉF.	TYPE	COLOR	PACK.
H363B	8mm slat	Natural	250
H364B	14mm slat	Grey	250



TRADI ENTRY GUIDE SIMPLE GUIDE

H363E



Features

POM + galvanized steel
Supplied as a pair

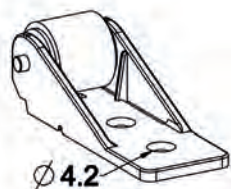
Use

Fixed at the top of the rail

RÉF.	TYPE	COLOR	PACK.
H363E	8 mm slat	Natural	100
H364E	14 mm slat	Grey	100

ANTI BENDING WHEEL

G220A



Features

PA

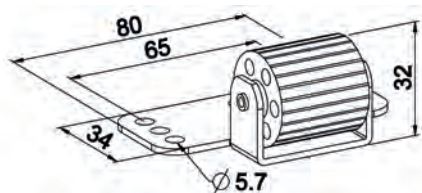
Use

To be fixed in the box to avoid friction

RÉF.	PACK.
G220A	250

ANTI BENDING WHEEL

G254



Features

Steel or aluminium + PA

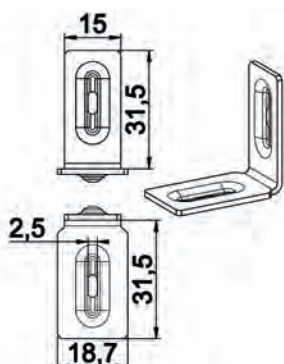
Use

To be fixed in the box to avoid friction

RÉF.	TYPE	PACK.
G254	Aluminium	250
G255	Steel	100

GUIDE STOPPER

H335A



Features

1,5 stainless steel

Use

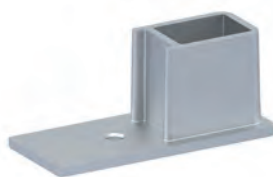
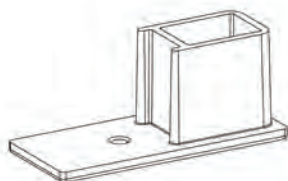
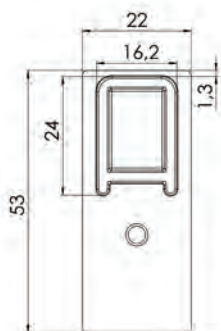
To be fixed at the bottom of guide rails

RÉF.	PACK.
H335A	200



GUIDE STOPPER

H335B



Features

Aluminium

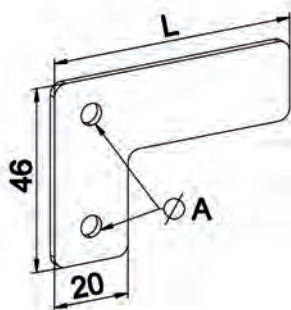
Use

To be fixed at the bottom of guide rails

RÉF.	COLOR	PACK.
H335F	White RAL 9010	200
H335G	Black RAL 9005	200

GUIDE STOPPER

H312



Features

Steel or aluminium. 2mm th.

Use

To be fixed at the top of guide rails

RÉF.	A	L	TYPE	PACK.
H447A	4,2	95	Aluminium white RAL 9010	500
H447B	4,2	95	Aluminium grey RAL 9006	500
H447D	4,2	95	Aluminium brown RAL 8017	500
H447E	4,2	95	Aluminium grey RAL 7016	500
H312	5,2	65	Steel white RAL 9010	200
H314	5,2	65	Steel grey RAL 7035	200
H315	5,2	65	Steel white RAL 9016	200
H316	5,2	65	Steel black RAL 9005	200
H339	5,2	65	Steel Brown RAL 8017	200



CARDAN SCREW

4102

Features

Zinc Steel

Use

To be used with cardan

RÉF.	TYPE	PACK.
4102	M4 x 17.5	100
F621A2	M5 x 18	100

JOINT SCREW + WASHER

F780

Features

Zinc Steel

Use

Links the D. 12 mm rod on the joint D. 18.
With a mixed shape :

- slit
- Torx 25.

RÉF.	TYPE	PACK.
F780	M5	100

SHEET METAL SCREW

4209

Features

Zinc Steel

Use

To fix components on the tube

RÉF.	LENGTH	DIM.B	PACK.
4209	9,5	4,2	2000
4227	8	4,2	5000
4205	13	4,2	200
4255	6.5	4.2	500

SHEET METAL SCREW 3,5X14

4214

Features

Zinc Steel

Use

To fix components

RÉF.	TYPE	PACK.
4214	3,5 x 14	1000

SHEET METAL SCREW 3,9X22

4242

Features

Zinc Steel

Use

To fix gearboxes

RÉF.	TYPE	PACK.
4242	3,9 x 22	500

CLIP-ON NUT

4503

Features

Zinc Steel

Use

For use on RÉF. C505

RÉF.	PACK.
4503	1000

SPLIT PIN

4629

Features

Zinc Steel

Use

For different use

RÉF.	PACK.
4629	1000

BETA PIN

4643

Features

Zinc Steel

Use

For different use

RÉF.	PACK.
4643	2000



SECURITY RING 16

4820

Features

Steel

Use

To fix gearboxes with dummy ends

RÉF.	PACK.
4820	500



SECURITY RING 4

4835

Features

Steel

Use

To be set on the Ø 4 pins of the endplate for maintaining the plates type C518 or motor brackets K370C20, K370C50, K370C60 and K370C90 etc...

RÉF.	PACK.
4835	200



OVERRIDE MOTOR FIXING SET

J546HA

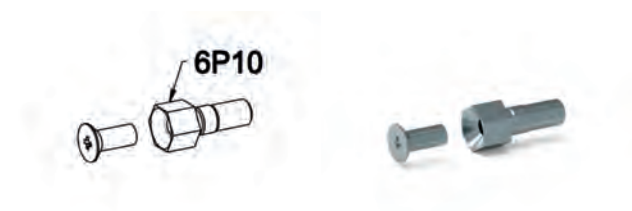
Features

Zinc steel

Use

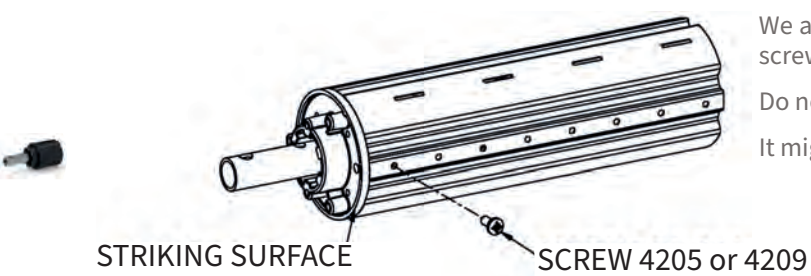
To fix override motors with side flanges

RÉF.	PACK.
J546HA	50





MOUNTING OF NON-RETRACTABLE CAPS AND DUMMY ENDS



We advise to fasten the caps and dummy ends on the tube with screw 4209 or 4205.

Do not hit on the tube $\varnothing 16$ but on the caps.

It might be necessary to clean the tube from cutting burrs.



COMPENSATION

GENERAL REMARKS

The role of the spring assembly is to assist the operation of the roller shutter when operated by gearbox, endless ball chain or direct pull.

Its function consists in reducing the strength of operation required, especially at the opening of the roller shutter.

Suitable for Tube ZF45, ZF54, ZF64, ZF80, octo 40, octo 60 and octo 70.

PRINCIPLE

The spring assembly works with the help of a spring, which is placed inside the winding tube. This spring is mounted on an axis in Ø 16 mm tube along with a complete set of parts forming what is called “Prefabricated spring assemblies”.

These products are delivered completely assembled, ready for use or in spare parts.

FUNCTION

The spring is in tight position named “stretched” when the shutter is closed.

Therefore, it will lose its tightness and then, release its energy during the opening in order to lift up or help to lift up the shutter according to the type of operation.

DETERMINATION OF THE TYPE OF SPRING

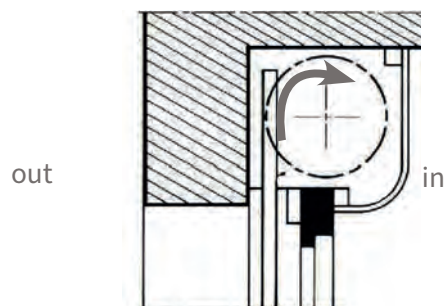
In order to guarantee a durability of operation, the spring must be tightened in a well-defined direction:

THE ROLLING SENSE OF THE SPRING.

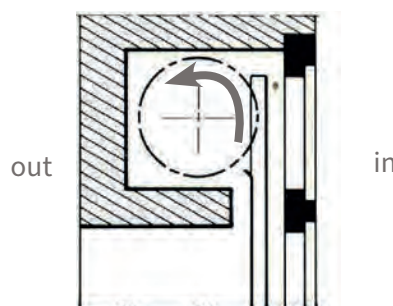
Consequently, the spring lengthens during its tension which leads to the cursor moving.

Note: On account of this moving, pay attention to the place of the fixing springs generally to put no trouble.

Reminder of the definitions of the terms: inner or outer winding.



Inner winding
View from inside



Outer winding
View from outside

A) LEFT SPRING ASSEMBLY

Mounting on the left: Inner winding

Mounting on the right: Outer winding

B) RIGHT SPRING ASSEMBLY

Mounting on the left: Inner winding

Mounting on the right: Outer winding



CHOICE OF SPRING



A) HANDLING BY GEARBOX

Using a spring is necessary in this type of operation when the shutter weight is higher than the lifting capacity of the gearbox. So the power of the spring to use must correspond to this value of the weight shutter which is determined with a safety margin of about 25% more.

Example: shutter weight: 36 kg – chosen gearbox: lifting capacity: 20 kg
Value to assist: $36 - 20 = 16 \text{ kg} + 25\% = 20 \text{ kg}$

B) OPERATION WITH ENDLESS CHAIN AND DIRECT PULL

In any case the total weight of the shutter has to be compensated.

Determination of the spring, idem for operation by gearbox.

But generally, special springs, which are presented in this catalogue, are used in these two types of operations with definition of their capacity.

EXAMPLE FOR CHOOSING

Assembly setting

- shutter weight to compensate: 20 kg
- slat thickness: 13 mm
- slat pitch: 55 mm
- used tube: ZF 64
- type of locks: stiff fixing spring
- shutter height : 2 m 20

In any case, use and then refer in the corresponding chart as below: **CHART : ZF64 mm tube + fixing spring**

A) Use the values

slat pitch

slat thickness

shutter height

Draw a horizontal line from the chart: slat type

B) Use the values

shutter weight

slat thickness

Draw a vertical line from the chart : shutter weight.

C) Read on the chart: CHOICE OF THE SPRING

The spring that has to be chosen is defined at the intersection point of both lines.

For this example: :

Spring 39/10 x 450

DEFINITION OF THE NUMBER OF TENSION TURNS

TENSION TURNS = Number of winding turns + 0.5 to 2 further turns.

Q Tension: 6 turns + 0, 5 to 2 turns

PARTICULAR CASE : Spring assemblies specific for direct pull.

Number of tension turns = twice the number of winding ± 2 turns.



COMPENSATION : PRINCIPLE OF TENSION OF SPRING ASSEMBLIES CALLED STRETCHING OF THE SPRINGS

STANDARD ASSEMBLY FOR A COMPENSATED SHUTTER

- Grease the spring assembly
- Mount the spring assembly in the tube
- Immobilize the tube in the spring (put a screw in the cap)
- Tense the spring
- Put the angled pin
- Put the gearbox on the shutter
- Hang the shutter curtain
- Put the angled pin off
- Turn the shutter by operating the gearbox

The assembling is completed.

The tension is always on the spring assembly which is mounted inside the tube.

The tension of the springs can be done either:

A) IN WORKSHOP

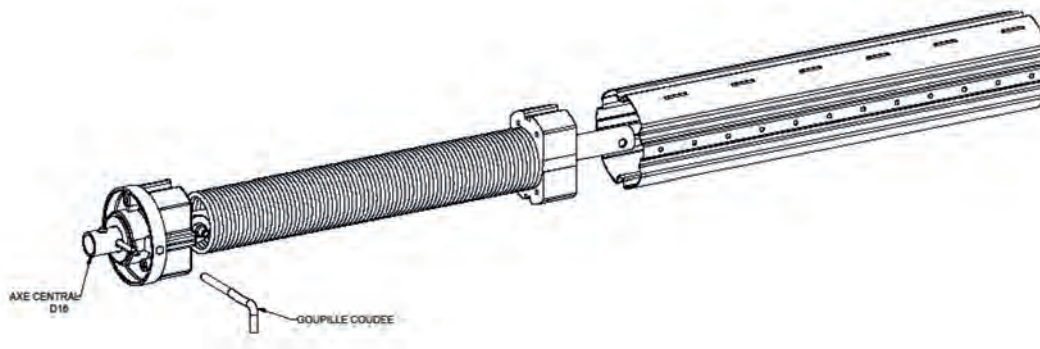
Two solutions are possible : **The spring assembly must be positioned left in front of the operator.**

- 1) Keep the central axis $\varnothing 16$ in position and turn the winding tube in the way of the shutter closing.
- 2) Keep the winding tube in position and turn the central tube in the way of the shutter opening

The tension being realized, the whole set in rotation must be jammed with the angled pin. The spring assembly can in this way be carried in tension, ready for use on site or at the post of roller shutter assembling.

B) ON BUILDING SITE

Mount the whole winding shaft with the gearbox and realize the tension of the spring by making the shaft turn in the way down when operating the gearbox.



WARNING

Safety measure to take when dismantling a compensated shutter:

A) ON THE BUILDING SITE

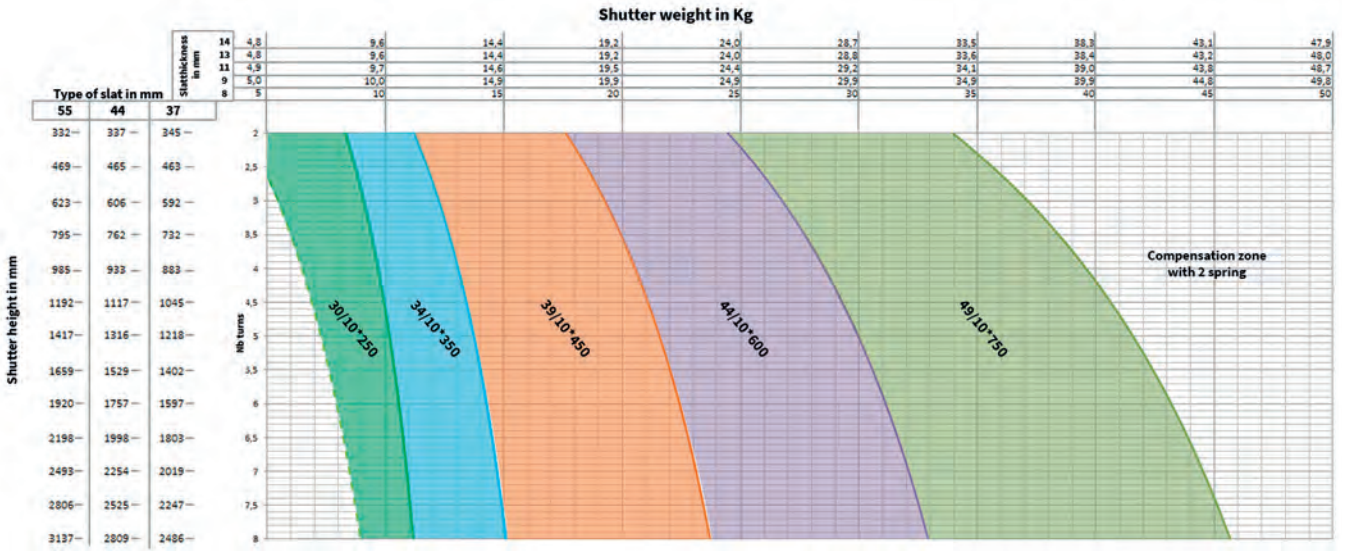
Put the angled pin in the cap before dismantling the shutter off its supports or decrease the pressure on the shutter with the gearbox.

B) ON WORKSHOP

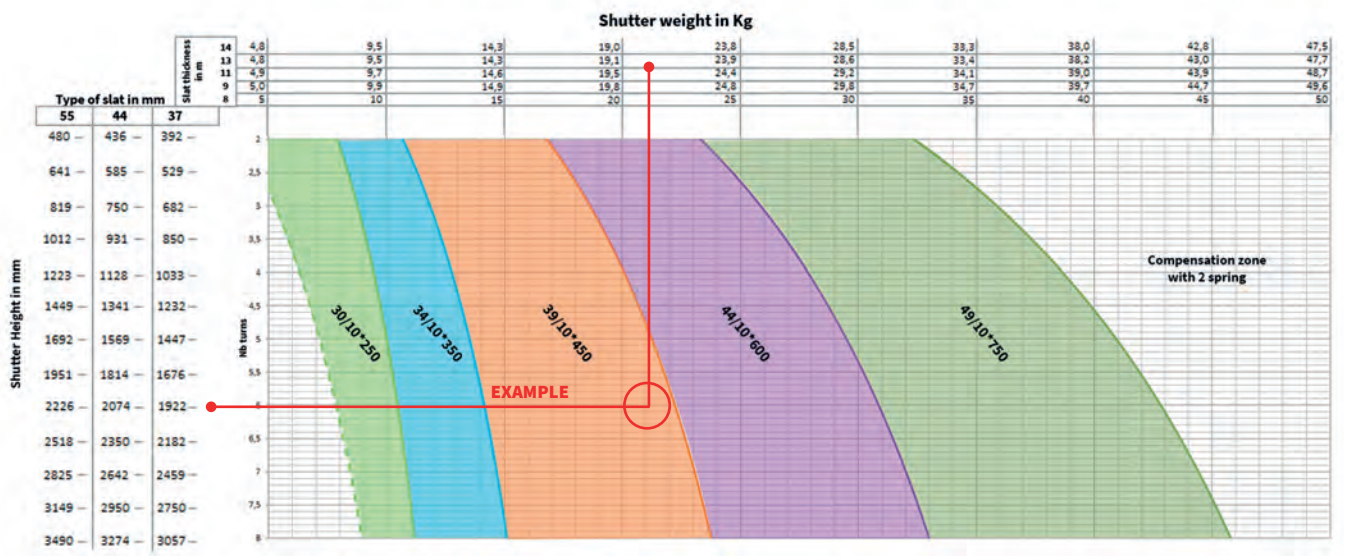
Before taking the spring off the tube: loosen the spring.



COMPENSATION CHART FOR TUBE ZF 54

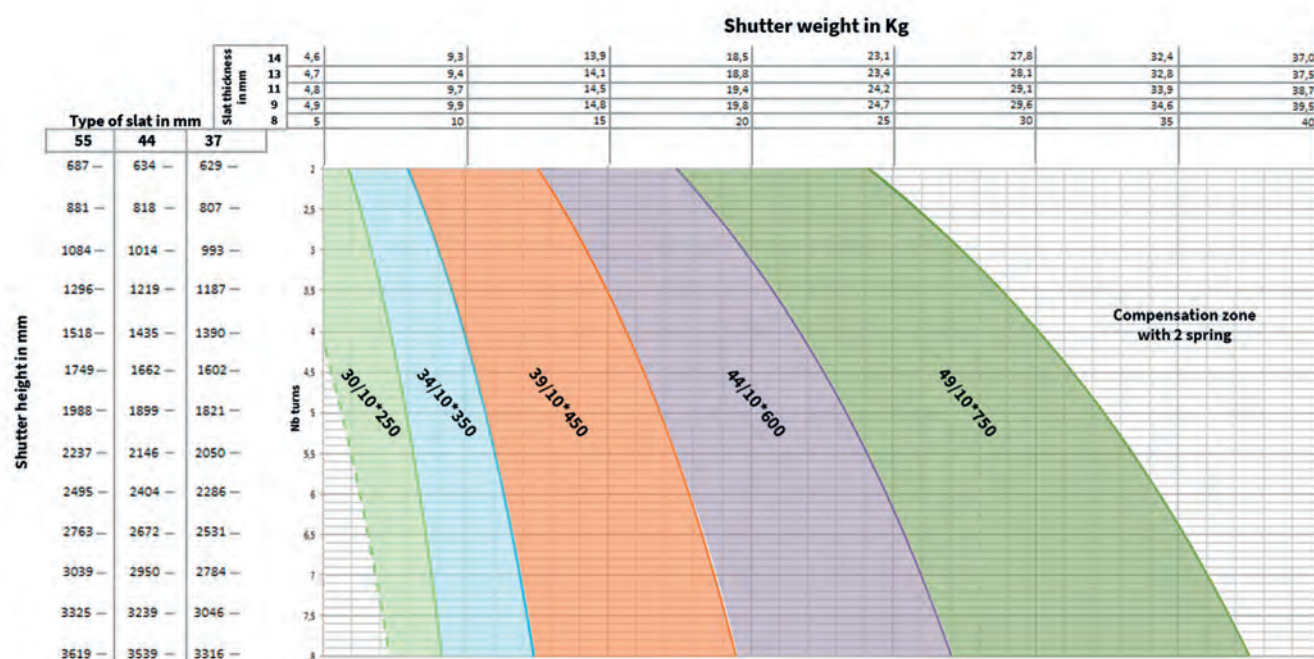


COMPENSATION CHART FOR TUBE ZF 64

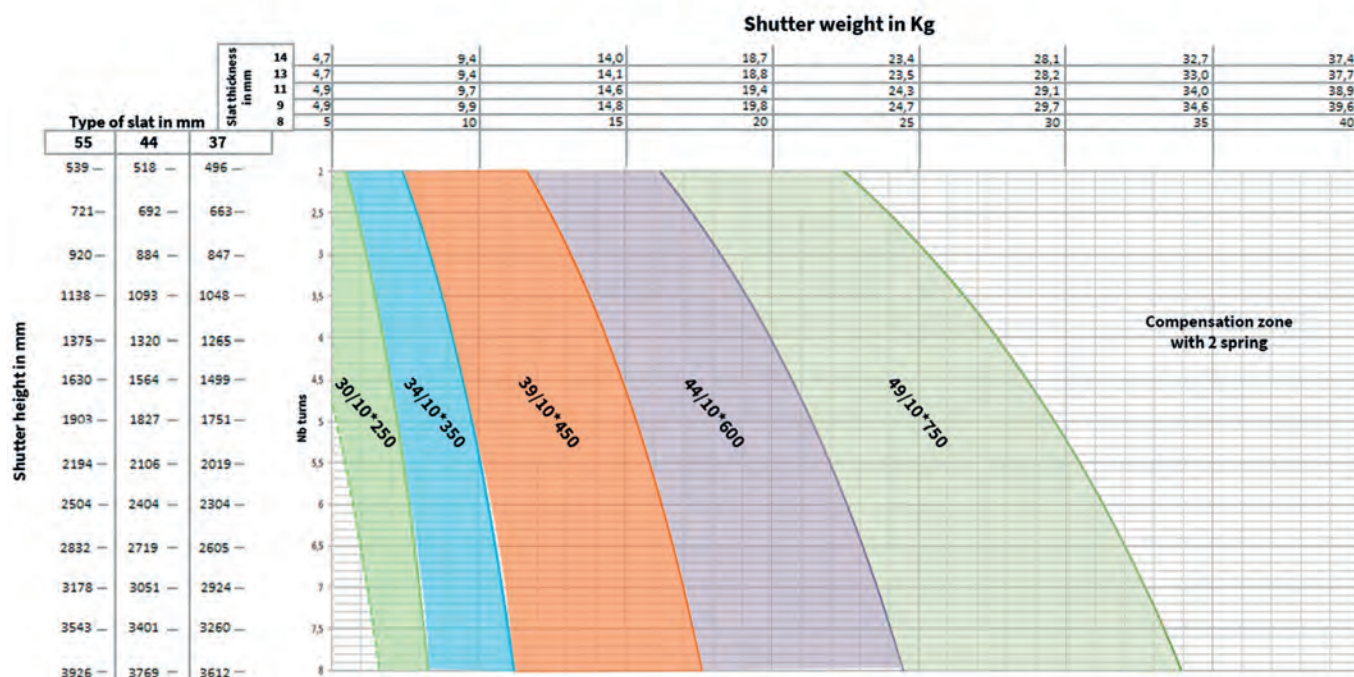




COMPENSATION CHART TUBE ZF 64 + RING Ø 88

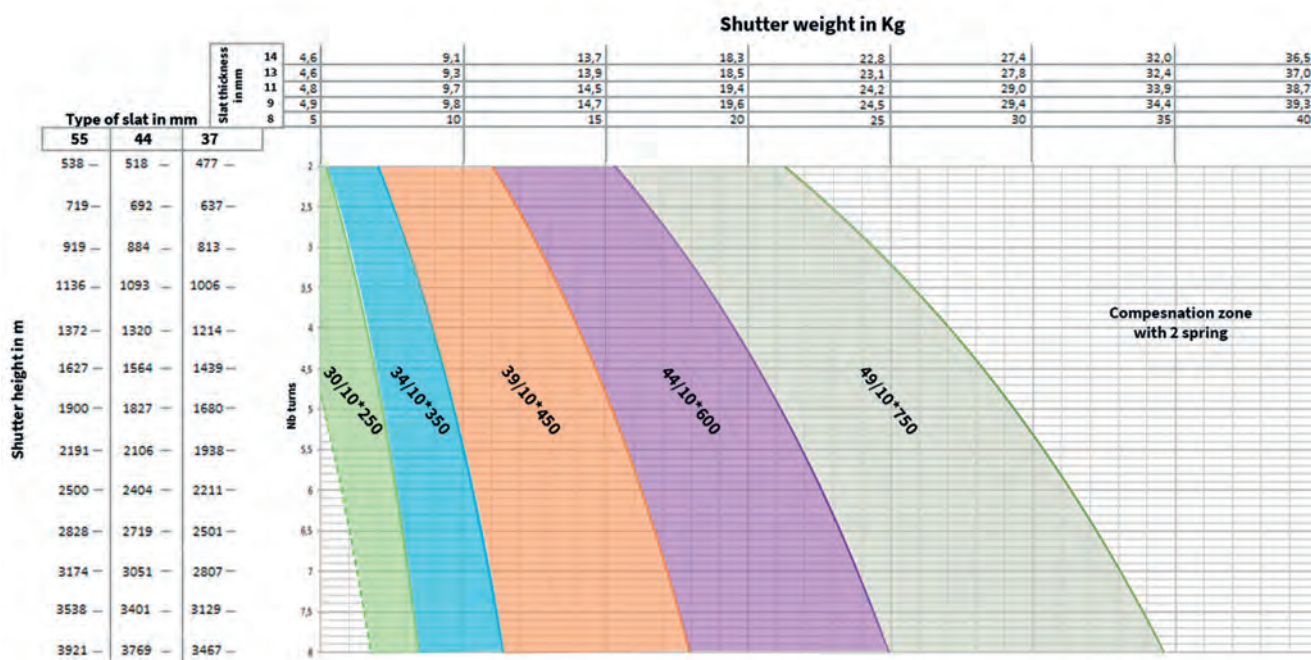


COMPENSATION CHART TUBE ZF 80



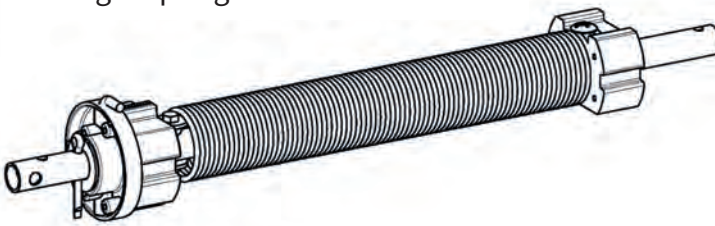
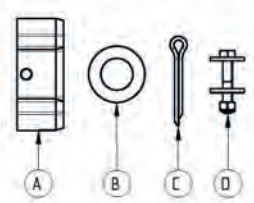


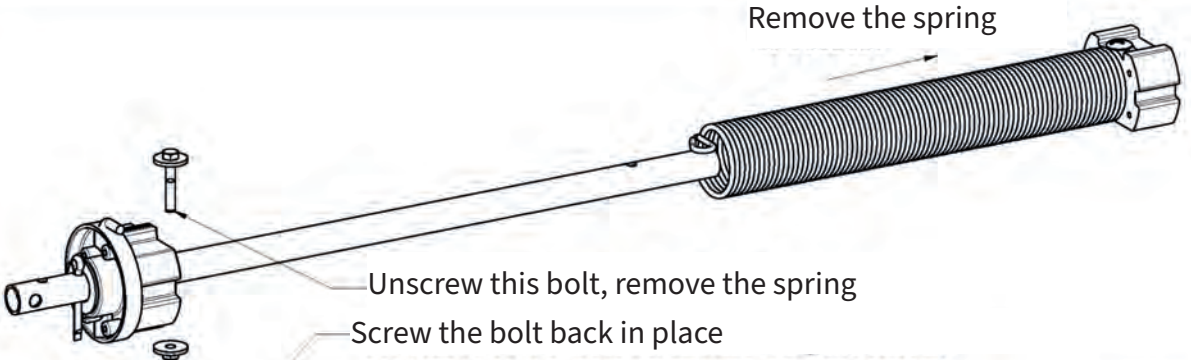
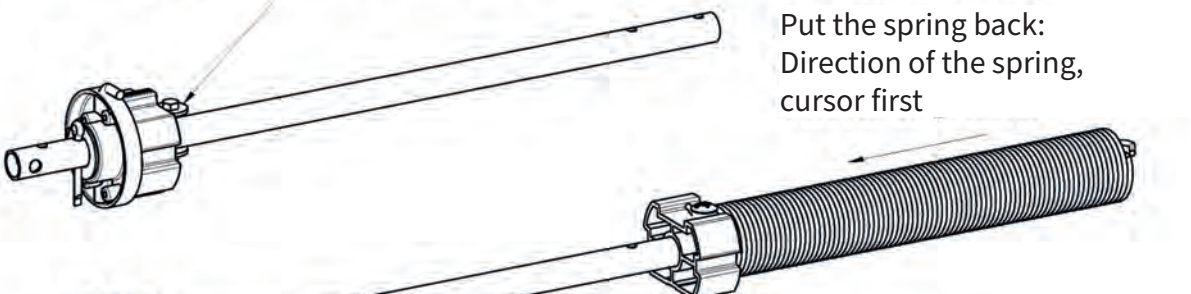
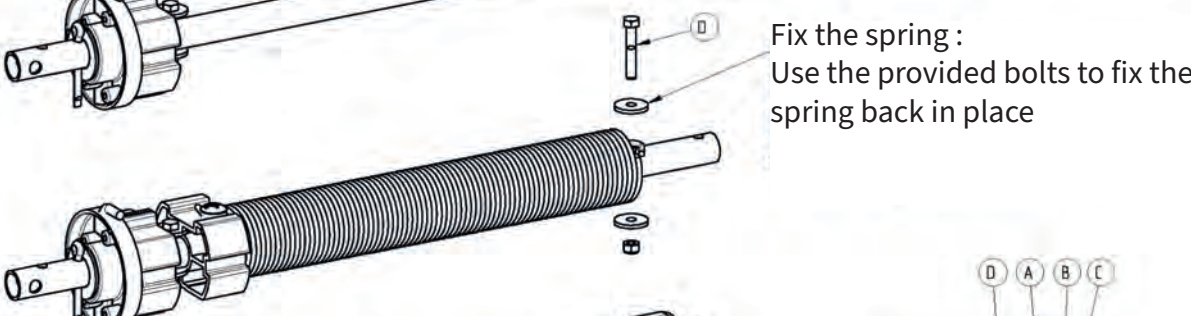
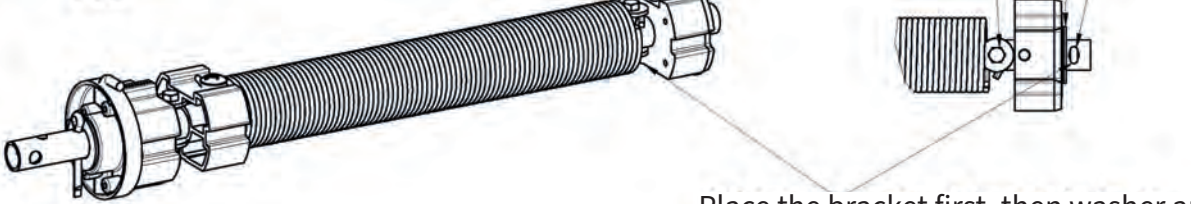
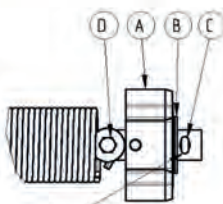
COMPENSATION CHART TUBE ZF 80 + RING Ø 104





PROCESSING INSTRUCTION OF A LEFT SPRING INTO A RIGHT ONE

<p>Right spring</p> 	<p>Bag A800A</p> 
---	--

 <p>Remove the spring</p> <p>Unscrew this bolt, remove the spring</p> <p>Screw the bolt back in place</p>  <p>Put the spring back: Direction of the spring, cursor first</p>  <p>Fix the spring : Use the provided bolts to fix the spring back in place</p>  <p>Place the bracket first, then washer and split pin.</p>	
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OPERATION WITH GEARBOX

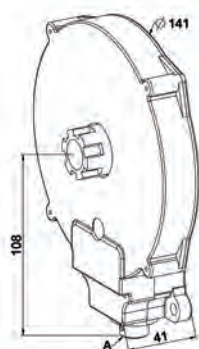
▼ GEARBOXES	98
▼ REMOVABLE HANDLE	121
▼ STRAP	127
▼ ROPE	137
▼ INSTRUCTIONS FOR USE	139





CONIPACT GEARBOX

C162



Features

PA + POM + Steel
 Supplied with bottom limit reversal part

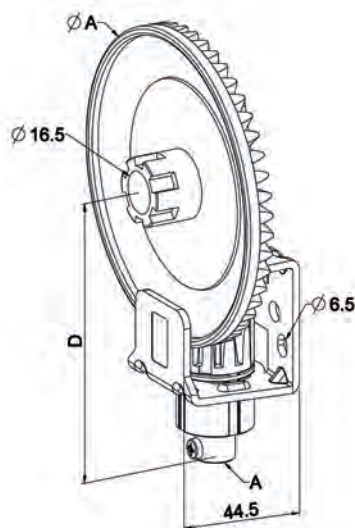
Use

Max capacity 16kg. Check technical data sheet.

RÉF.	A	PACK.
C162	7 mm hex. Delivered without immobilising screw for crank system : travel limit system adjusted on right	25
C163	7 mm hex. Delivered with immobilising screw mounted : travel limit system adjusted on right	25
C164	7 mm hex. Delivered with immobilising screw mounted : travel limit system adjusted on left	25
C166	7 mm hex. Delivered without immobilising screw for crank system : travel limit system adjusted on left	25
C167	7 mm hex. Delivered with immobilising screw mounted : without travel limit system	25
C170	7 mm hex. Delivered without immobilising screw for crank system : without travel limit system	25
C165	8 mm square. Delivered without immobilising screw for crank system : travel limit system adjusted on left	25

CONICAL GEARBOX

C800



Features

PA + Steel

Use

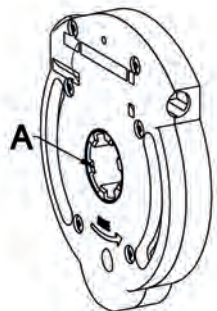
Max capacity 18 to 27kg. Check technical data sheet.

RÉF.	A	COLOR	TYPE	DIM.A	DIM.D	RATIO	TORQUE	PACK.
C800	Drive input 7 mm hexa.	Natural	bottom limit	125	114	1/4,5	14	20
C801	Drive input 7 mm hexa	Natural	No bottom limit	125	114	1/4,5	14	20
C802	Drive input 8 mm square	Natural	Bottom limit	125	114	1/4,5	14	20
C810	Drive input 7 mm hexa.	Grey	Bottom limit	125	114	1/5,8	17.8	20
C811	Drive input 7 mm hexa	Grey	No bottom limit	125	114	1/5,8	17.8	20
C812	Drive input 8 mm square	Grey	Bottom limit	125	114	1/5,8	17.8	20
C820	Drive input 7 mm hexa.	Black	Bottom limit	160	131	1/7,1	20.4	20
C821	Drive input 7 mm hexa. without endstop	Black	No bottom limit	160	131	1/7,1	20.4	20
C822	Drive input 8 mm square	Black	Bottom limit	160	131	1/7,1	20.4	20



GEARBOX

C181

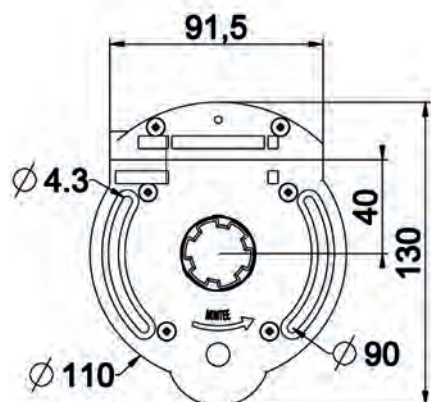


Features

PA + POM + Steel

Use

Max capacity 25kg. Check technical data sheet.

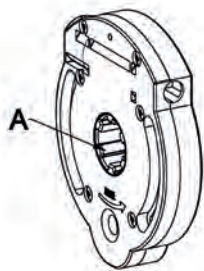


RÉF.	A	DRIVE	TYPE	PACK.
C181	Claw coupling	hex. 7	limit	50
C182	8 mm square	hex.7	limit	50
C183	10 mm square	hex 7	limit	50
C184	claw coupling	hex 7.	No limit	50
C185	8 mm square	hex. 7	no limit	50
C186	10 mm square	hex. 7	No limit	50
C189	claw coupling	6 mm square	limit	50



GEARBOX WITH CLUTCH SYSTEM

C191



Features

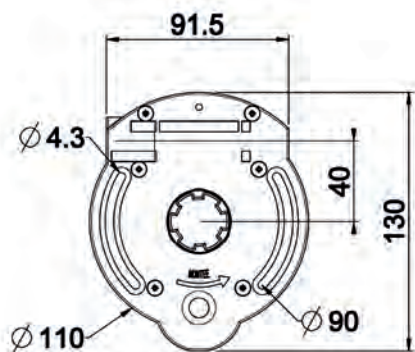
PA + POM + Steel

Use

Max capacity 25kg. Check technical data sheet.

Remark

Never use with spring assisted shutter

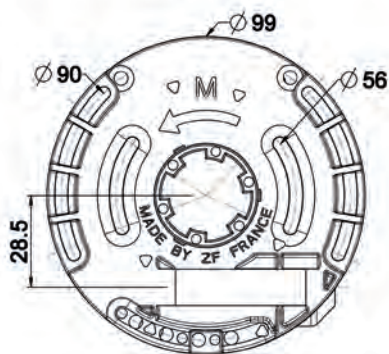
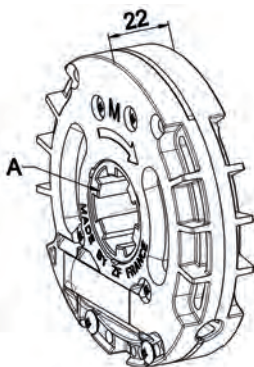


RÉF.	TA	YPE	PACK.
C191	Claw coupling	limit	50
C191A	8 mm square	limit	50
C191B	10 mm square	limit	50
C191C	claw coupling	no limit	50
C191D	8 mm square	No limit	50
C191E	10 mm square	no limit	50



TECHNIVIS GEARBOX

C371



Features

PA + POM

Use

Max capacity 20kg. Check technical data sheet.

Remark

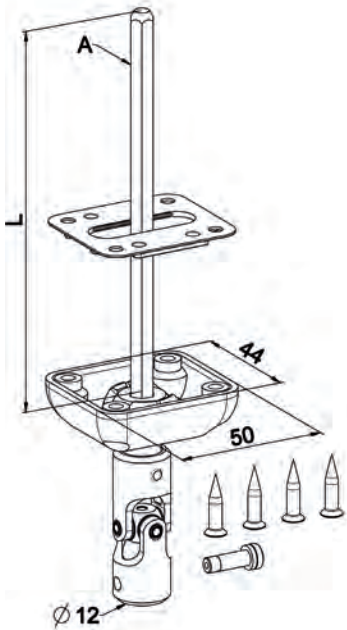
Never use with spring assisted shutter

RÉF.	A	TYPE	DRIVE	PACK.
C370	Claw coupling	no limit	hex. 7	100
C371	Claw coupling	limit	hex. 7	100
C370A	Claw coupling	no limit	hex. 7	100
C370B	Claw coupling	no limit	hex. 7	100
C370D	8mm square	no limit	hex. 7	100
C370C	10mm square	no limit	hex. 7	100
C371C	10mm square	limit	hex. 7	100
C371A	Claw coupling	limit	hex. 7	100
C371B	Claw coupling	limit	hex. 7	100
C372	Claw coupling	no limit	h6mm square	100
C373	Claw coupling	limit	6mm square	100
C375	Claw coupling	no limit	hex. 7	100
C375C	10mm square	no limit	hex. 7	100
C375D	8 mm square	no limit	hex. 7	100



CARDAN JOINT

D168NG



Features

PA + POM + Steel
 Supplied as a set with screw and sealing

Use

Installation on front or bottom of boxes.
 Max angle: 30°

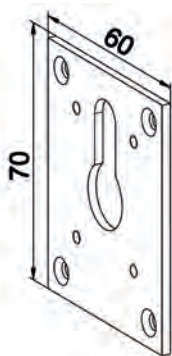
Remark

Other version available

RÉF.	TYPE	COLOR	LENGTH	PACK.
D168NG	7 mm hex	White RAL 9010	125	100
D169NG	7 mm hex	Grey RAL 7035	125	100
D171NG	7 mm hex	White RAL 9010	165	50
D172NG	7 mm hex	Grey RAL 7035	165	50
D173NG	7 mm hex	Brown RAL 8017	165	50
D174NG	7 mm hex	White RAL 9010	315	50
D175NG	7 mm hex	Grey RAL 7035	315	50
D176NG	7 mm hex	Brown RAL 8017	315	50
D148NG	7 mm hex	white RAL 9010	535	50
D189NG	10 mm hex	White RAL 9010	165	50
D192NG	10 mm hex	White RAL 9010	315	25
D204NG	8 mm square	White RAL 9010	125	100
D207NG	8 mm square	White RAL 9010	165	100
D210NG	8 mm square	White RAL 9010	315	50

BRACKET FOR CARDAN JOINT

D560



Features

2,5mm steel
 Supplied as a set with screw

Use

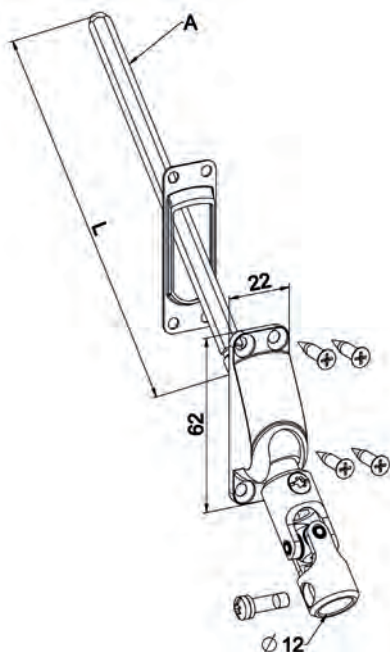
To be used with D168NG as a reinforcement

RÉF.	COLOR	PACK.
D560	White RAL 9010	100



60° CARDAN JOINT

D464NG



Features

PA + POM + Steel
Supplied as a set with screw

Use

Installation on front or bottom of boxes
Max angle: 30°

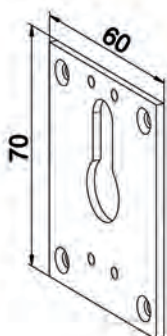
Remark

Other version available

RÉF.	TYPE	COLOR	LENGTH	PACK.
D464NG	7 hex	White RAL 9010	125	100
D466NG	7 hex	Grey RAL 7035	125	100
D468NG	7 hex	White RAL 9010	165	100
D470NG	7 hex	Grey RAL 7035	165	100
D471NG	7 hex	Brown RAL 8017	165	100
D472NG	7 hex	White RAL 9010	215	50
D474NG	7 hex	Grey RAL 7035	215	50
D475NG	7 hex	Brown RAL 8017	215	50
D476NG	7 hex	White RAL 9010	315	50
D478NG	7 hex	Grey RAL 7035	315	50
D479NG	7 hex	Brown RAL 8017	315	50
D480NG	7 hex	White RAL 9010	535	50
D482NG	7 hex	Grey RAL 7035	535	50
D508NG	8 mm square	White RAL 9010	165	50
D512NG	8 mm square	White RAL 9010	315	50
D514NG	8 mm square	Grey RAL 7035	315	50
D515NG	8 mm square	Brown RAL 8017	315	50
D516NG	8 mm square	White RAL 9010	465	50
D508BNG	6 mm square	White RAL 9010	165	100
D512ANG	6 mm square	White RAL 9010	315	50
D512DNG	6 mm square	Grey RAL 7035	315	50

BRACKET FOR CARDAN JOINT 60°

D559



Features

2,5mm steel, polyester coated
Supplied as a set with screw

Use

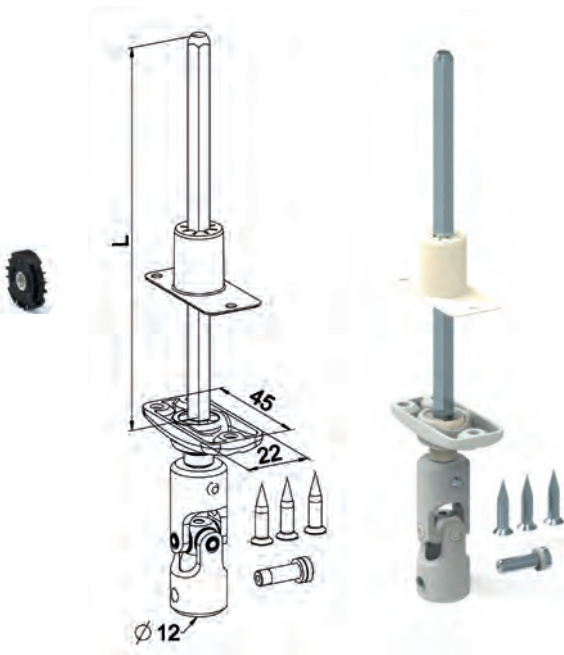
Use with cardan joint type D464NG (see model above).
Enables a better stability

RÉF.	COLOR	PACK.
D559	Grey RAL 7035	100
D559A	White RAL 9010	100



MINI CARDAN JOINT

D753NG



Features

PA + POM + Steel
 Supplied as a set with screw and sealing
 Max angle: 30°

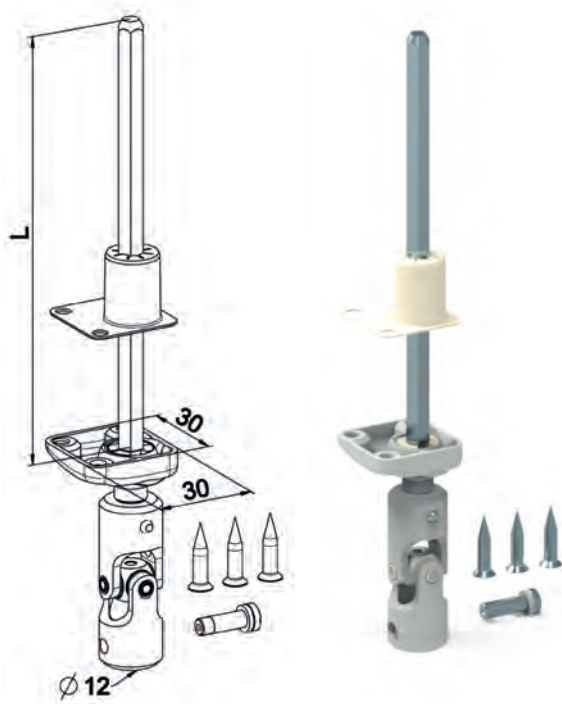
Remark

Other version available

RÉF.	TYPE	COLOR	DIM.L	PACK.
D753NG	7mm hex.	White RAL 9010	130	100
D760BNG	7mm hex.	Beige RAL 1015	170	50
D760NG	7mm hex.	White RAL 9010	170	50
D761NG	7mm hex.	Grey RAL 7035	170	50
D762CNG	7mm hex.	Black RAL 9005	170	50
D762NG	7mm hex.	Brown RAL 8017	170	50
D764BNG	7mm hex.	Black RAL 9005	320	50
D764CNG	7mm hex.	Golden oak RAL 8003	320	50
D764NG	7mm hex.	White RAL 9010	320	50
D764ANG	7mm hex.	Beige RAL 1015	320	50
D765NG	7mm hex.	Grey RAL 7035	320	50
D766NG	7mm hex.	Brown RAL 8017	320	50
D760CNG	6mm square	White RAL 9010	170	50

ANGULAR MINI CARDAN JOINT

D825NG



Features

PA + POM + Steel
 Supplied as a set with screw and sealing
 Max angle: 30°

Remark

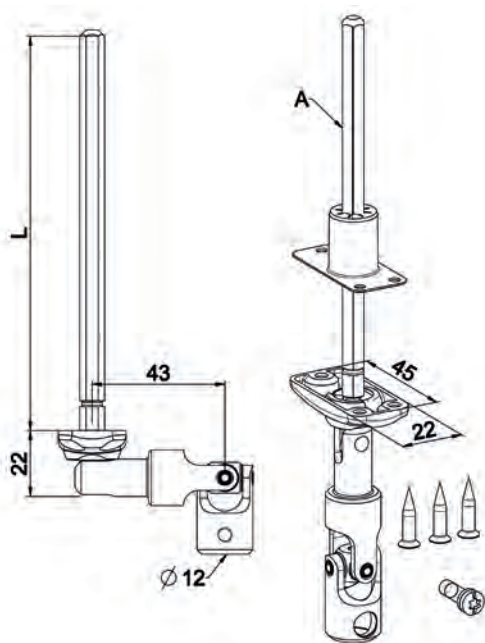
Other version available

RÉF.	TYPE	COLOR	DIM.L	PACK.
D825NG	7mm hex.	White RAL 9010	130	100
D826ANG	7mm hex.	Beige RAL 1015	130	100
D828NG	7mm hex.	Brown RAL 8017	130	100
D830ED	7mm hex.	White RAL 9010	130	100
D840NG	7mm hex.	White RAL 9010	170	100
D843NG	7mm hex.	Brown RAL 8017	170	100
D844ANG	7mm hex.	Grey RAL 7035	170	100
D844BNG	7mm hex.	Beige RAL 1015	170	100
D848NG	7mm hex.	white RAL 9010	155	100
D849ENG	7mm hex.	Grey RAL 7035	185	50
D849HNG	7mm hex.	Black RAL 9005	185	50
D849NG	7mm hex.	white RAL 9010	185	50
D845NG	7mm hex.	White RAL 9010	320	50
D846NG	7mm hex.	Brown RAL 8017	320	50
D871NG	6mm square	White RAL9010	170	100
D874NG	6mm square	White RAL 9010	320	50



OFFSET MINI CARDAN JOINT

D773NG



Features

PA + POM + Steel
 Supplied as a set with screw and sealing

Use

For PVC integrated shutter.
 Articulated to shift pole 43 mm out, for opening
 the window wide open.
 Max angle: 30°

Remark

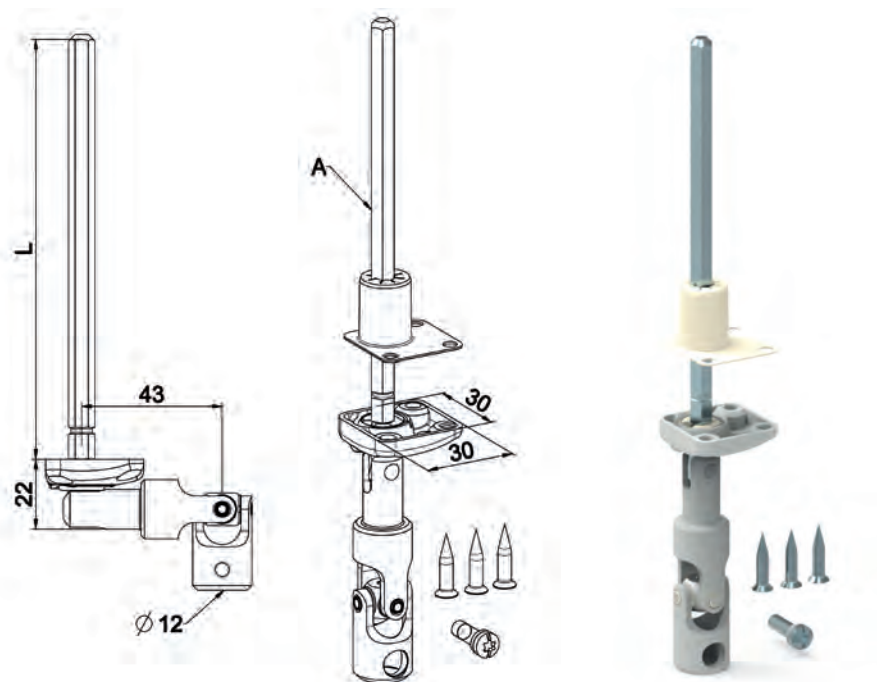
Other version available

RÉF.	TYPE	COLOR	LENGTH	PACK.
D773NG	7 mm hex	White RAL 9010	130	50
D773FNG	7 mm hex	Black RAL 9005	130	50
D773PCDNG	7 mm hex	Golden oak RAL 8003	130	100
D774NG	7 mm hex	Grey RAL 7035	130	50
D773ANG	7 mm hex	Beige RAL 1015	130	50
D775NG	7 mm hex	Brown RAL 8017	130	50
D776ANG	7 mm hex	Beige RAL 1015	175	50
D776BNG	7 mm hex	Black RAL 9005	175	50
D776NG	7 mm hex	White RAL 9010	175	50
D776PCDNG	7 mm hex	Golden oak RAL 8003	175	50
D777NG	7 mm hex	Grey RAL 7035	175	50
D778NG	7 mm hex	Brown RAL 8017	175	50
D785NG	7 mm hex	White RAL 9010	195	50
D786NG	7 mm hex	Grey RAL 7035	195	50
D787NG	7 mm hex	Brown RAL 8017	195	50
D798NG	8 mm square	White RAL 9010	160	50
D768ANG	6 mm square	White RAL 9010	3000	50
D768NG	6 mm square	White RAL 9010	175	50
D769NG	6 mm square	Brown RAL 8017	175	50



OFFSET ANGULAR CARDAN JOINT

D830NG



Features

PA + POM + Steel
 Supplied as a set with screw and sealing

Use

For PVC integrated shutter.
 Articulated to shift pole 43 mm out, for opening
 the window wide open.
 Max angle: 30°

Remark

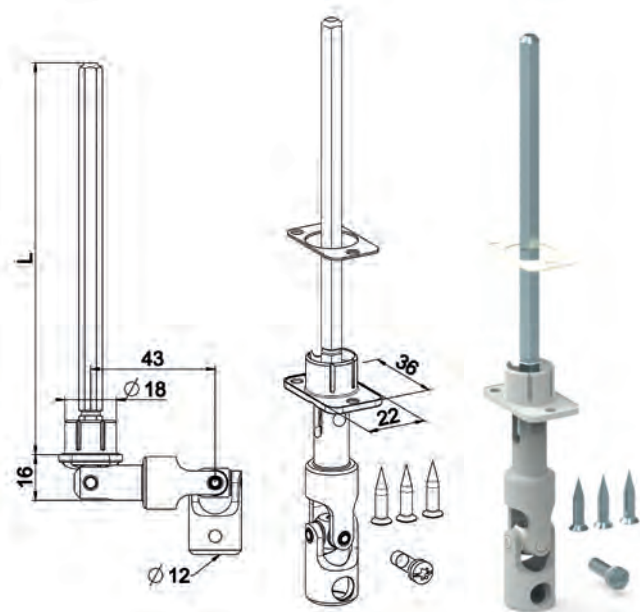
Other version available

RÉF.	TYPE	COLOR	LENGTH	PACK.
D830NG	7mm hex.	White RAL 9010	130	50
D830CNG	7mm hex.	Beige RAL 1015	130	50
D832NG	7mm hex.	Grey RAL 7035	130	50
D850NG	7mm hex.	white RAL 9010	158	100
D850HNG	7mm hex.	Black RAL 9005	158	100
D841NG	7mm hex.	White RAL 9010	175	50
D851NG	7mm hex.	Brown RAL 8017	175	50
D852PCDNG	7mm hex.	Golden Oak RAL 8003	175	50
D856NG	7mm hex.	Grey RAL 7035	175	50
D857NG	7mm hex.	Beige RAL 1015	175	50
D853NG	7mm hex.	White RAL 9010	195	50
D854NG	7mm hex.	Brown RAL 8017	195	50
D850TA	7mm hex.	Grey RAL 7035	195	50
D850WA	7mm hex.	Black RAL 9005	195	50
D858NG	7mm hex.	White RAL 9010	340	50
D859NG	6mm square	White RAL 9010	175	50



THIN OFFSET ANGULAR CARDAN JOINT

D547AA



Features

PA + POM + Steel
 Supplied as a set with screw and sealing

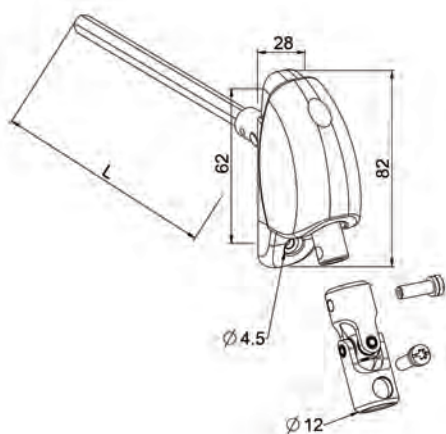
Use

For PVC integrated shutter.
 Articulated to shift pole 43 mm out, for opening the window wide open. Thinner version for thinner window frames.
 Max angle : 25°

RÉF.	COLOR	LENGTH	PACK.
D547AA	White RAL 9010	135	50
D547AB	Grey RAL 7035	135	50
D547AC	Beige RAL 1015	135	50
D547AD	Brown RAL 8017	135	50
D547AE	Black RAL 9005	135	50
D547AJ	Golden Oak RAL 8003	135	50
D547BA	White RAL 9010	165	50
D547BB	Grey RAL 7035	165	50
D547BG	Grey RAL 7035	165	50
D547BJ	Golden Oak RAL 8003	165	50
D547CA	White RAL 9010	180	30
D547CC	Beige RAL 1015	180	30
D547DA	White RAL 9010	355	30
D547DB	Grey RAL 7035	355	30
D547DD	Brown RAL 8017	355	30

120° CARDAN JOINT STANDARD

D601NG



Features

PA + POM + Steel
 Cardan joint not assembled

Use

Setting with 2 screws D 4.2 (no included).
 Max angle : +15 , -5°

Remark

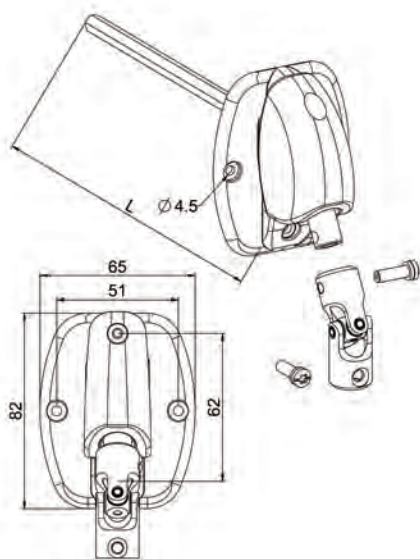
Other version available

RÉF.	TYPE	COLOR	LENGTH	PACK.
D601NG	7 mm hex	White RAL 9010	155	50
D601CNG	7 mm hex	White RAL 9010	255	50
D605CNG	7mm hex	Beige RAL 1015	255	50
D606CNG	7mm hex.	Black RAL 9005	255	50
D601ANG	7 mm hex	White RAL 9010	355	50
D603ANG	7 mm hex	Grey RAL 7035	355	50
D604ANG	7 mm hex	Brown RAL 8017	355	50
D605ANG	7mm hex.	Beige RAL 1015	355	50
D601BNG	7 mm hex	White RAL 9010	575	25
D604BNG	7 mm hex	Brown RAL 8017	575	25
D601ENG	6mm square	White RAL 9010	305	50
D601JNG	8 mm square	White RAL 9010	355	50
D601KNG	8mm square	White RAL 9010	575	25



120° CARDAN JOINT LARGE PLATE

D621NG



Features

PA + POM + Steel
 Cardan joint assembled

Use

Setting with 3 screws D 4.2 (no included).
 Max angle : +15 , -5°

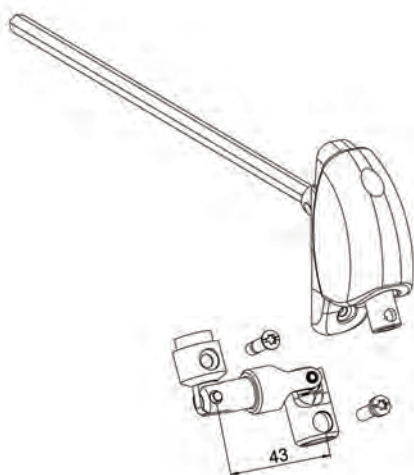
Remark

Other version available

RÉF.	TYPE	COLOR	LENGTH	PACK.
D621CNG	7 mm hex	White RAL 9010	255	50
D623CNG	7 mm hex	Grey RAL 7035	255	50
D625CNG	7 mm hex	Beige RAL 1015	255	50
D626CNG	7 mm hex	Black RAL 9005	255	50
D621ANG	7 mm hex	White RAL 9010	355	25
D624ANG	7 mm hex	Brown RAL 8017	355	25
D621BNG	7 mm hex	White RAL 9010	575	25
D623BNG	7 mm hex	Grey RAL 7035	575	25

OFFSET 120° CARDAN JOINT

D581CB



Features

Similar to D601, D603. Enables to offset the handle 43mm.

Use

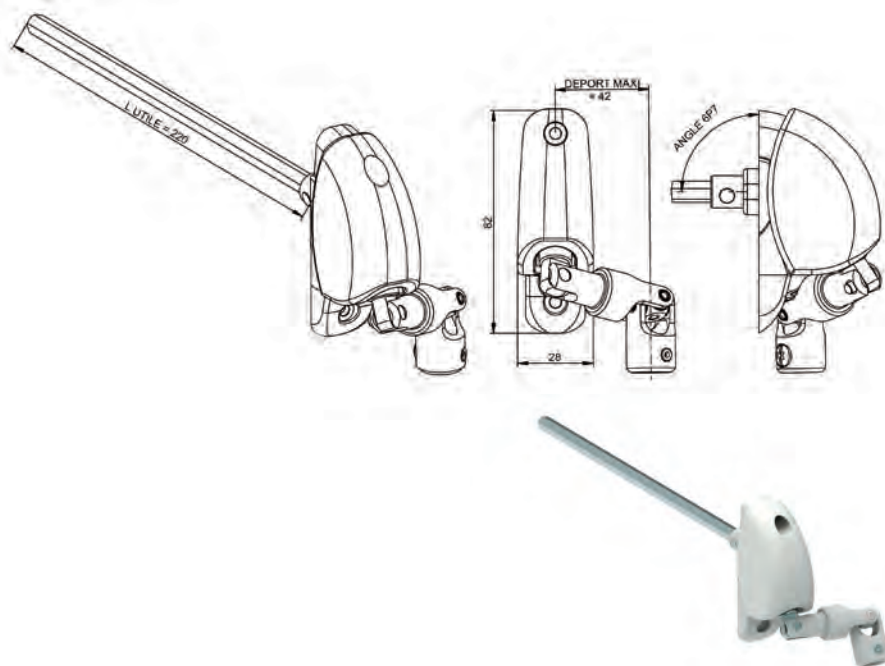
Supplied as a set to assemble once the shutter installed
 Max angle : +15 , -5°

RÉF.	TYPE	COLOR	HEX. LENGTH	PACK.
D581CA	7mm hex.	White RAL 9010	205	50
D583CA	7mm hex.	Grey RAL 7035	205	50
D581CB	7mm hex.	White RAL 9010	255	50



OFFSET MONOBLOC 120° CARDAN JOINT

D581EB



Features

Other version available. Ask for more information

Use

Supplied as a set to assemble once the shutter installed

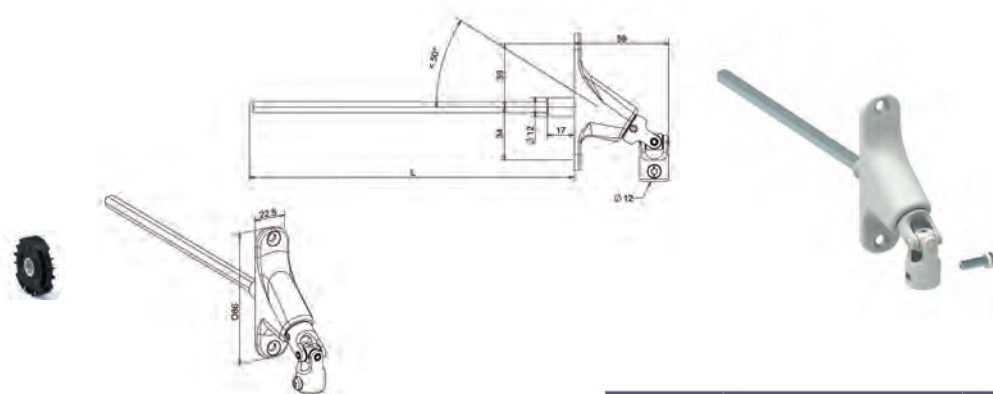
Max angle : +15 , -5°

RÉF.	TYPE	COLOR	HEX. LENGTH	PACK.
D581EB	7mm hex.	Grey RAL 7035	220	50
D581EC	7mm hex.	White RAL 9010	220	50
D581EE	7mm hex.	Golden Oak	220	50
D581EG	7mm hex.	Grey RAL 7016	220	50
D581EH	7mm hex.	Beige RAL 1015	220	50



CARDAN JOINT 90 ° SMALL PLATE

D590JA



Features

Zamack + Steel, Stainless steel and aluminium.
Other version available. Ask for more information
Supplied as a set with sealing

Use

Links the gearbox and the handle.
Fastened with 2 screws D 4.
Linked to the rod with screw TF D. 5 RÉF. F780 (delivered mounted).

RÉF.	TYPE	COLOR	LENGTH	PACK.
D590JA	7 mm hex with screw	Nickel plated	165	40
D590JB	7 mm hex with screw	White RAL 9010	165	40
D590JC	7 mm hex with screw	Grey RAL 7035	165	40
D590JD	7 mm hex with screw	Brown RAL 8017	165	40
D590KA	7 mm hex with screw	Nickel plated	220	40
D590KB	7 mm hex with screw	White RAL 9010	220	40
D590KC	7 mm hex with screw	Grey RAL 7035	220	40
D590KD	7 mm hex with screw	Brown RAL 8017	220	40
D590LA	7 mm hex with screw	Nickel plated	265	40
D590LB	7 mm hex with screw	White RAL 9010	265	40
D590MA	7 mm hex with screw	Nickel plated	355	40
D590MB	7 mm hex with screw	White RAL 9010	355	40
D590MC	7 mm hex with screw	Grey RAL 7035	355	40
D590MD	7 mm hex with screw	Brown RAL 8017	355	40
D590ME	7 mm hex with screw	Golden Oak RAL 8003	355	40
D590MF	7 mm hex with screw	Beige RAL 1015	355	40
D590MG	7 mm hex with screw	Black RAL 9005	355	40
D590NA	7 mm hex with screw	Nickel plated	585	25
D590NB	7 mm hex with screw	White RAL 9010	585	25
D590NC	7 mm hex with screw	Grey RAL 7035	585	25
D590ND	7 mm hex with screw	Brown RAL 8017	585	25
D590NE	7mm hex with screw	Golden Oak RAL 8003	585	25
D590NG	7mm hex with screw	Black RAL 9005	585	25
D590ZB	6mm square	White RAL 9010	220	40
D590FB	6mm square	White RAL 9010	300	40
D590FC	6mm square	Grey RAL 7035	300	40
D590FE	6mm square	Golden Oak RAL 8003	300	40
D590QA	8 mm square	Nickel plated	165	40
D590RA	8 mm square	Nickel plated	355	40
D590RB	8mm square	White RAL 9010	350	40
D590RC	8mm square	Grey RAL 7035	350	40
D590PB	8mm square	White RAL 9010	500	25
D586BB	7mm hex with screw	White RAL 9010	220	40



CARDAN JOINT 90 ° LARGE PLATE

D591JA

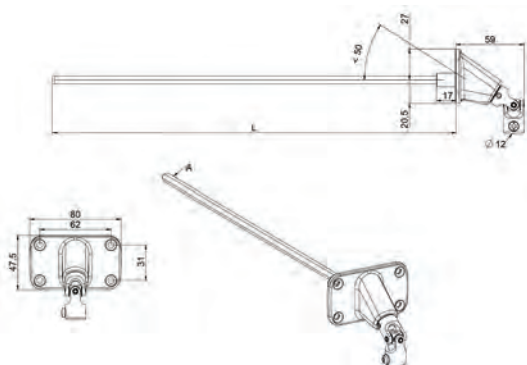


Features

Zamack + Steel, Stainless steel and aluminium.
 Other version available. Ask for more information
 Supplied as a set with sealing

Use

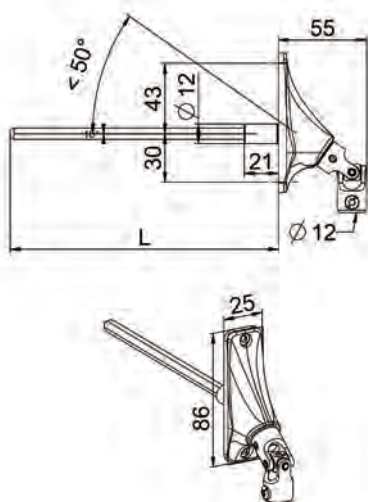
Links the gearbox and the handle.
 Fastened with 2 screws D 4.
 Linked to the rod with screw TF D. 5 RÉF. F780 (delivered mounted).



RÉF.	TYPE	COLOR	LENGTH	PACK.
D591KA	7 mm hex with screw	Nickel plated	220	40
D591KB	7 mm hex with screw	White RAL 9010	220	40
D591KC	7 mm hex with screw	Grey RAL 7035	220	40
D591LA	7 mm hex with screw	Nickel plated	265	40
D591LB	7 mm hex with screw	White RAL 9010	265	40
D591MA	7 mm hex with screw	Nickel plated	355	40
D591MB	7 mm hex with screw	White RAL 9010	355	40
D591MC	7 mm hex with screw	Grey RAL 7035	355	40
D591MD	7 mm hex with screw	Brown RAL 8017	355	40
D591NA	7 mm hex with screw	Nickel plated	585	25
D591NB	7 mm hex with screw	White RAL 9010	585	25
D591ND	7 mm hex with screw	Brown RAL 8017	585	25
D591QA	8 mm square	Nickel plated	165	40
D591RA	8 mm square	Nickel plated	355	40
D587AB	7mm hex with screw	White RAL 9010	265	40
D587AD	7mm hex with screw	Brown RAL 8017	265	40

POLYMER CARDAN JOINT 90°

D596JB



Features

POM + Steel, Stainless steel and aluminium.

Use

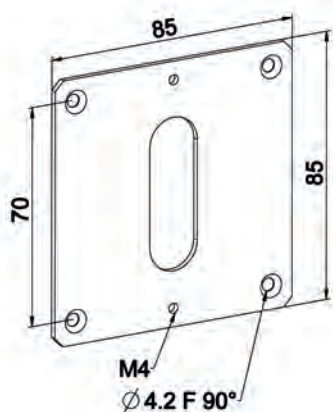
Angle: 0 to 50°. Supplied with screw to fix the handle
 Supplied with sealing

RÉF.	TYPE	COLOR	LENGTH	PACK.
D596JB	7mm hex	White RAL 9010	165	40
D596JC	7mm hex	Grey RAL 7035	165	40
D596LB	7mm hex.	White RAL 9010	265	40
D596LC	7mm hex.	Grey RAL 7035	265	40
D596LD	7mm hex.	Brown RAL 8017	265	40
D596MB	7mm hex.	White RAL 9010	355	40
D596MC	7mm hex.	Grey RAL 7035	355	40
D596MD	7mm hex.	Brown RAL 8017	355	40
D596ME	7mm hex.	Golden Oak RAL 8003	355	40
D596MG	7mm hex.	Black RAL 9005	355	40
D596NB	7mm hex.	White RAL 9010	585	25
D596NC	7mm hex.	Grey RAL 7035	585	25
D596ND	7mm hex.	Brown RAL 8017	585	25



BRACKET FOR CARDAN JOINT 90°

D553



Features

2mm nickel steel

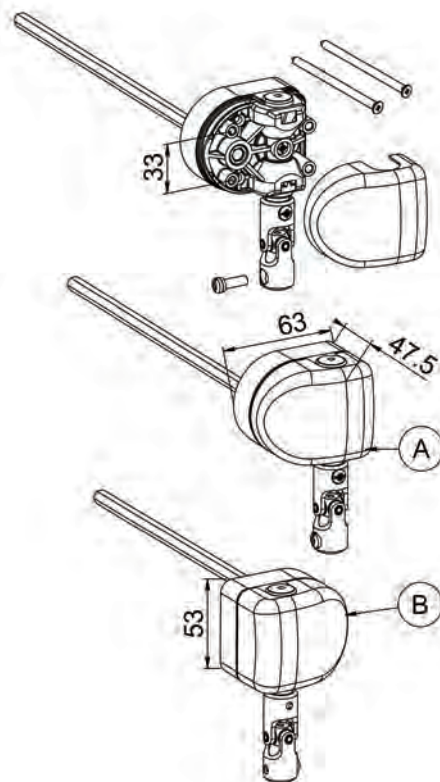
Use

To be used with cardan joint D590, D596 etc..
 D553C is bracket + screw.

RÉF.	PACK.
D553	100
D553C	100

OFFSET CARDAN JOINT

D901ANG



Features

PA+POM+ABS+Steel

Supplied with 2 screws for fixing and 1 screw for handle.

Use

Enables to offset the gear exit 25mm.

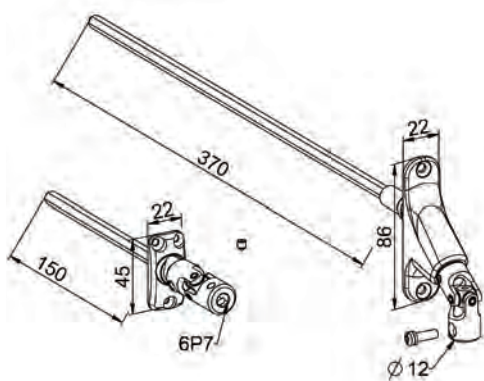
Remark

Gear ratio 1/1,07. For crank handle diameter 12

RÉF.	TYPE	SIDE	COLOR	LENGTH	PACK.
D901ANG	A	Right	White	200	30
D901BNG	B	Left	White	200	30
D903ANG	A	Right	Grey	200	30
D903BNG	B	Left	Grey	200	30
D941CNG	A	Right	White	255	30
D941DNG	B	Left	White	255	30
D943CNG	A	Right	Grey	255	30
D943DNG	B	Left	Grey	255	30

TRIPLE CARDAN JOINT

D593AB



Features

Zamack+ PA+POM+Steel

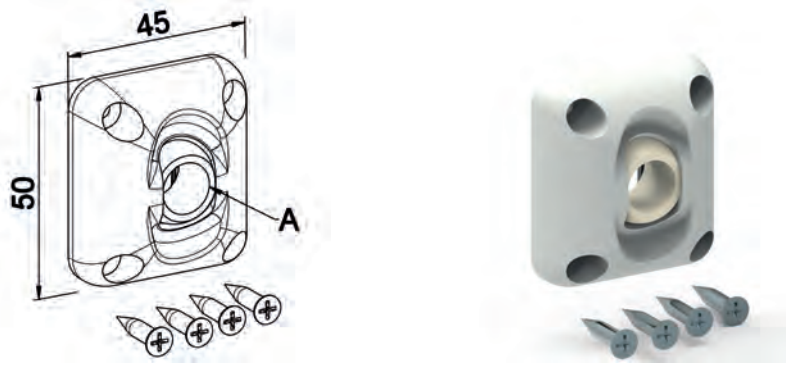
Supplied as a complete set

RÉF.	COLOR	PACK.
D593AB	white	25



BALL BRACKET

D116



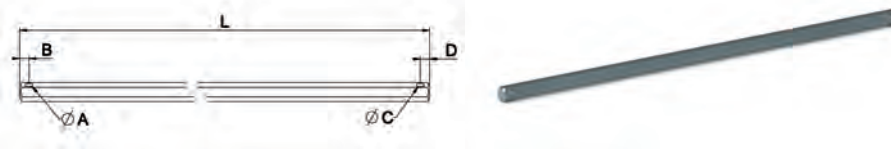
Features

PA+ POM
 Supplied with screws

RÉF.	A	COLOR	PACK.
D116	D12	White	100
D117	D12	Grey	100
D118	D12	Brown	100
D119	10mm hex.	White	100
D120	10mm hex.	Grey	100
D122	8mm square	White	100
D123	8mm square	Grey	100

7 MM HEX. ROD

C741



Features

Zinc steel

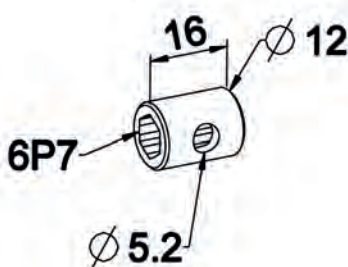
Use

To be used as an extension

REF.	L	A	B	C	D	PACK.
C722	1000	3,3	4	3,3	4	25
C713	1500	3,3	4	3,3	4	10

SLEEVE

D290E1



Features

Zinc steel

Use

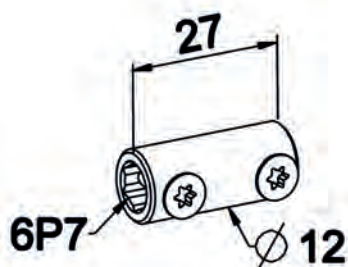
To link diameter 12 and 7mm hex.

RÉF.	PACK.
D290E1	300



SLEEVE

D423A



Features

Zinc steel

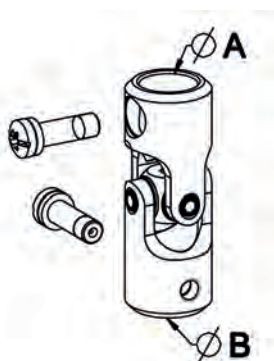
Use

To link 7mm hex and 7mm hex.

RÉF.	PACK.
D423A	100

JOINT D.18

F781



Features

Zinc steel + Aluminium + Stainless steel
 Supplied with 2 screws, M4 or M5.

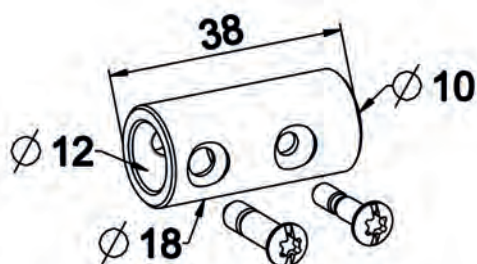
Use

10 000 cycles tested, 30Nm and 30°

RÉF.	COLOR	DIM.A	DIM.B	PACK.
F781B	White	12 M5	12 M4	100
F781E	White	12 M5	12 M5	100
F781ECD	Golden oak	12 M5	12 M5	100
F781EN	Nickeled	12 M5	12 M5	100
F781ENO	Black	12 M5	12 M5	100
F782E	Grey	12 M5	12 M5	100
F781H	White	12 M5	7mm hex. M4	100
F781M	White	12 M5	9 mm square M5	100
F781N	White	12 M5	8 mm square M5	100
F761P	White	8 mm square M5	8 mm square M5	100
F761T	White	7 mm hex. M4	7 mm hex. M4	100
F761W	White	10 mm hex. M5	10 mm hex. M5	100
F761WN	Nickel plated	10 mm hex. M5	10 mm hex. M5	100
F781F	White	10 mm hex. M5	12 M5	100

12/10 SLEEVE

D290A



Features

Steel, polyester coated
 Supplied with 2 screws

Use

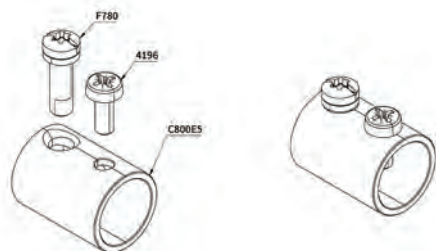
Links D. 12 with D. 10

RÉF.	COLOR	PACK.
D290A	White	250



ROUND SLEEVE

C800A



Features

Zinc steel

Use

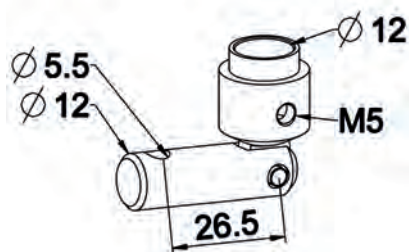
Links conical gearboxes

RÉF.	A	PACK.
C800A	Ø 12	100
C800B	10 mm hex.	100



OFFSET SYSTEM FOR 120° CARDAN JOINT

D422J6



Features

Zinc steel

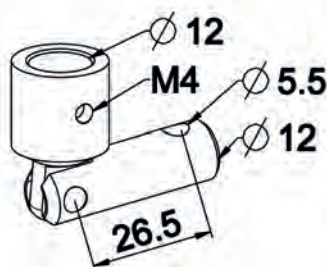
Use

To be used only with 120° joint.
 Enables to offset the handle.

RÉF.	PACK.
D422J6	100

OFFSET SYSTEM

D422B



Features

Zinc steel

Use

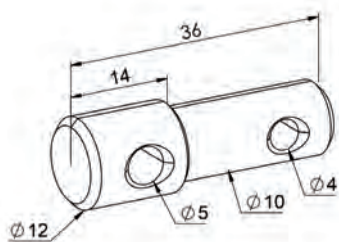
Enables to offset the handle.

RÉF.	PACK.
D422B	200



OFFSET SYSTEM

D423B



Features

Zinc steel

Use

Enables to offset the handle.

RÉF.	PACK.
D423B	400

JOINT SCREW + RING

F780



Features

Zinc Steel

Use

Links the D. 12 mm rod on the joint D. 18.

With a mixed shape :

- slit
- Torx 25.

RÉF.	TYPE	PACK.
F780	M5	100

JOINT SCREW

4102



Features

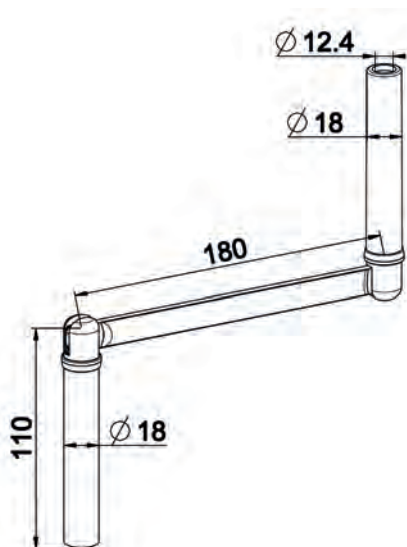
Zinc steel

RÉF.	TYPE	PACK.
4102	M4 x 17.5	100



PROFIL CRANK

F301A



Features

Handle : PA tainted.
 Cover : ABS.
 Arm steel.
 Delivered in individual bags with splint.

Use

Mounted on rod D. 12 thickness 1 mm.
 Fixed both inside and outside.
 Linked on rod with supplied split D. 5, hidden after mounting with the superior grip.

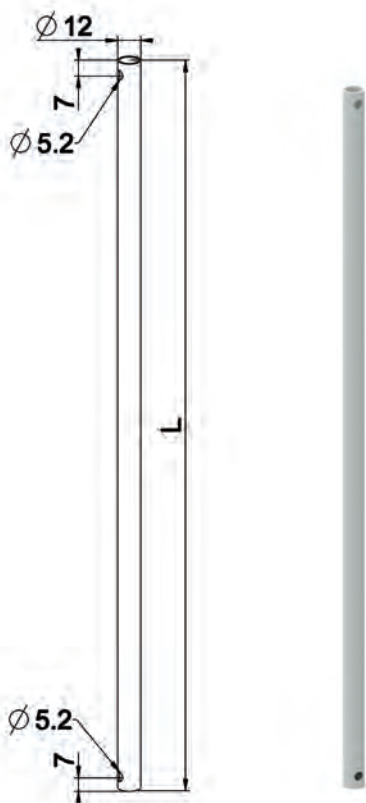
Remark

Other colors and others length. Available

RÉF.	TYPE	COLOR	LENGTH	PACK.
F301A	Arm with black shaft.	White RAL 9010	310	50
F301B	With lacquered shaft.	White RAL 9010	310	50
F301C	Adapted to canned rod.	White RAL 9010	310	50
F302A	Galvanized Arm black	Grey RAL 7035	310	50
F302B	Galvanized Arm grey	Grey RAL 7035	310	50
F303A	Galvanized Arm black	Brown RAL 8017	310	50
F303B	Coated Arm brown	Brown RAL 8017	310	50

COATED STEEL CRANK

E101B



Features

Steel tube Ø 12 - thickness 1 mm.

Remark

Other colors and others length available

REF.	COLOR	L.	PACK
E101	White RAL 9010	900	50
E102	Grey RAL 7035	900	50
E104	White RAL 9010	1000	50
E105	Grey RAL 7035	1000	50
E107	White RAL 9010	1200	50
E108	Grey RAL 7035	1200	50
E109	Brown RAL 8017	1200	50
E119	White RAL 9010	1400	50
E120	Grey RAL 7035	1400	50
E121	Brown RAL 8017	1400	50
E131A	Beige RAL 1015	1600	50
E110	White RAL 9010	1600	50
E111	Grey RAL 7035	1600	50
E113	White RAL 9010	1800	50
E114	Grey RAL 7035	1800	50
E116	White RAL 9010	2000	50
E116C	Black RAL 9005	2000	50
E117	Grey RAL 7035	2000	50
E122	White RAL 9010	2500	50
E123	Grey RAL 7035	2500	50



PROFIL CRANK

E611



Features

Delivered in individual bags

Remark

The reference change according to the composition of the crank :

- The type, the color of the handle
- The length of the coated tube
- With or without stopper
- With or without guide

The references mentioned are the most common.

The handle in the references are always with black galvanized arms.

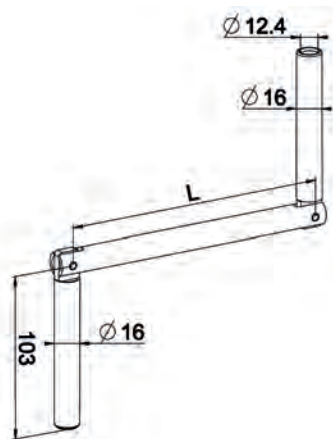
Contact the sale department for the references.

REF.	L	COLOR	VERSION	PACK
E611A	900	White RAL 9010	With clip	25
E611ANO	900	Black RAL 9005	With clip	25
E613B	900	Grey RAL 7035	With clip	25
E614A	900	Brown RAL 8017	With clip	25
E618D	1000	White RAL 9010	With clip	25
E618DGR	1000	Grey RAL 7016	With clip	25
E618DNO	1000	Black RAL 9005	With clip	25
E620B	1000	Grey RAL 7035	With clip	25
E621B	1000	Brown RAL 8017	With clip	25
E631B	1200	White RAL 9010	With clip	25
E631BC	1200	Black RAL 9005	With clip	25
E631BCD	1200	Golden oak RAL 8003	With clip	25
E631BGR	1200	Grey RAL 7016	With clip	25
E633B	1200	Grey RAL 7035	With clip	25
E634B	1200	Brown RAL 8017	With clip	25
E631YVS	1200	Grey F9 spécifique	With clip	25
E644C	1400	White RAL 9010	With clip	25
E644CCD	1400	Golden oak RAL 8003	With clip	25
E644CNO	1400	Black RAL 9005	With clip	25
E646A	1400	Brown RAL 8017	With clip	25
E655C	1600	White RAL 9010	With clip	25
E656A	1600	Grey RAL 7035	With clip	25
E661A	1800	White RAL 9010	With clip	25
E661AGR	1800	Grey RAL 7016	With clip	25
E661ANO	1800	Black RAL 9005	With clip	25
E670B	2000	White RAL 9010	With clip	25
E670BNO	2000	Black RAL 9005	With clip	25
E671A	2000	Grey RAL 7035	With clip	25
E675A	2500	White RAL 9010	With clip	20



SELECTALU CRANK

F321A



Features

Handle : PA.
 Cover : PA.
 Arm : alu.
 Pin : stainless steel.
 Delivered in individual bags with splint.

Use

Mounted on rod \varnothing 12 thickness 1 mm.
 Linked on rod with supplied split \varnothing 5, hidden after mounting with the superior grip.



REF.	COLOR	L.	L. DEPLOYED	PACK
F321A	White RAL 9010	180	320	50
F322A	Grey RAL 7035	180	320	50
F323A	Brown RAL 8017	180	320	50
F326A	Black RAL 9005	180	320	50

SELECTALU CRANK

E801EA



Features

Delivered packaged in individual bags

Remark

The reference change according to the composition of the crank :

- The type, the color of the handle
- The length of the coated tube
- With or without stopper
- With or without guide

The references mentioned are the most common.

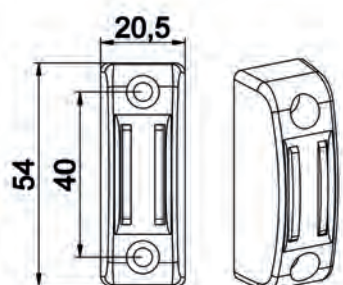
Contact the sale department for the references.

REF.	L	COLOR	VERSION	PACK
E801DA	900	White RAL 9010	With clip	25
E801EA	1000	White RAL 9010	With clip	25
E803EA	1000	Brown RAL 8017	With clip	25
E806EA	1000	Black RAL 9005	With clip	25
E801GA	1200	White RAL 9010	With clip	25
E803GA	1200	Brown RAL 8017	With clip	25
E806GA	1200	Black RAL 9005	With clip	25
E801JA	1400	White RAL 9010	With clip	25
E803JA	1400	Brown RAL 8017	With clip	25
E806JA	1400	Black RAL 9005	With clip	25
E801LA	1600	White RAL 9010	With clip	25
E803LA	1600	Brown RAL 8017	With clip	25
E806LA	1600	Black RAL 9005	With clip	25
E801MA	1800	White RAL 9010	With clip	25
E803MA	1800	Brown RAL 8017	With clip	25
E801PA	2000	White RAL 9010	With clip	25
E801RA	2500	White RAL 9010	With clip	25



MAGNETIC HANDLE LOCK

F102



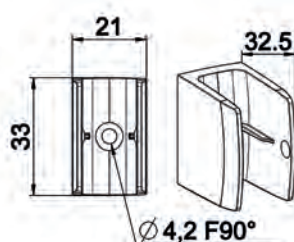
Features

Frame : PP.
Plate : galvanized
Delivered with 2 screws TC 3,9 L 25 to fix on the frame

REF.	COLOR	VE
F102	Grey RAL 7035	300
F103	White RAL 9010	300
F103NO	Black RAL 9005	300
F104	Brown RAL 8017	300

HANDLE STOPPER

F140A



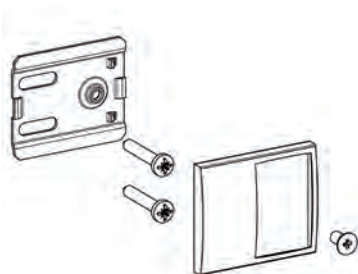
Features

PP

REF.	COLOR	PACK
F140A	White RAL 9010	500
F140B	Grey RAL 7035	500
F140C	Specific Beige	500
F140D	Brown RAL 8017	500
F140J	Black RAL 9005	500

SHIFT PLATE + COVER + SCREWS

F141A



Features

Plate : galvanized steel 1 mm.
Cover : PP.
Set with 5 pieces.

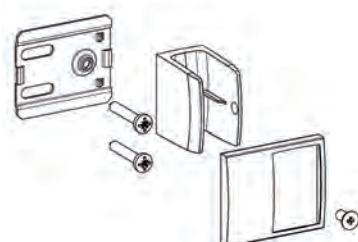
Use

Enables to fix the clip at 25 mm.
To fix the clip : 1 screw M4 x 8.
To fix on the window frame : 2 screws D 3.9 x 25.
3 parts delivered in a bag.

REF.	COLOR	PACK
F141A	White RAL 9010	500
F141B	Grey RAL 7035	500

HANDLE STOPPER + SHIFT PLATE + SCREW COVER

F141AA



Features

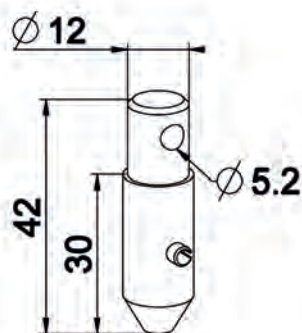
Plate : galvanized steel thickness 1 mm.
Cover : PP
Clip : PP
Set with 6 individual packed elements.

REF.	COLOR	PACK
F141AA	White RAL 9010	250
F141AB	Grey RAL 7035	250
F141AC	Specific Beige	250
F141AD	Brown RAL 8017	250
F141AH	Grey anthracite RAL 7016	250



CONNECTING PIN

F699A



Features

Aluminium.
 Stainless steel splint

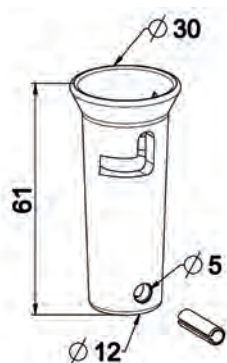
Use

To be mounted on the universal joint of the box exit (60° cardan joint, 120° cardan joint, 90° cardan joint).

REF.	PACK
F699A	150

REMOVABLE CRANK RODS

F699B



Features

Zamack.
 Splint : galvanized steel.
 Set delivered with splint Ø 5 x 18 for crank Ø 12 Ref. 4640.

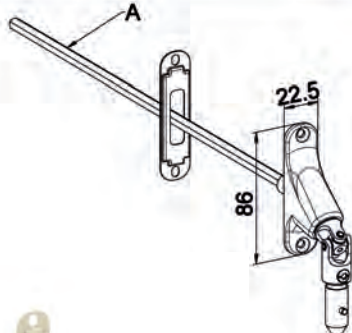
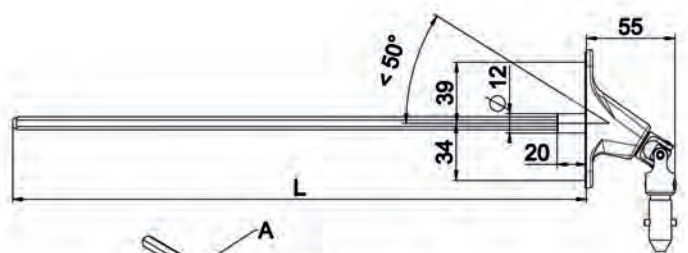
Use

To be mounted at the end of the handle rod Ø 12.

REF.	PACK
F699B	100

DOUBLE CARDAN JOINT FOR FUNNEL

D592AA



Features

Frame : zamack.
 Shell : steel.
 pin and ball : stainless steel and anodized aluminium.
 pin bearings : PA with glass fibers and teflon.
 Assembled on ball bearing.

Use

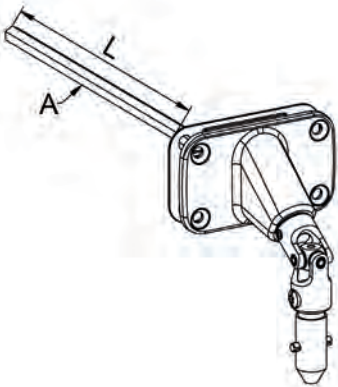
Been used with an emergency operating system with funnel.

REF.	A	L	COLOR	PACK
D592AA	Hexa 7 MM	165	Nickel-Platted	40
D592AB	Hexa 7 MM	165	white RAL 9010	40
D592DA	Hexa 7 MM	355	Nickel-Platted	40
D592DB	Hexa 7 MM	355	white RAL 9010	40
D592EA	Hexa 7 MM	585	Nickel-Platted	25
D592EB	Hexa 7 MM	585	white RAL 9010	25
D592EG	Hexa 7 MM	585	black RAL 9005	25



CARDAN JOINT FOR FUNNEL

D592EBL



Features

Frame : zamack.
 Shell : steel.
 pin and ball : stainless steel and anodized aluminium.
 pin bearings : PA with glass fibers and teflon.
 Assembled on ball bearing.

Use

Been used with an emergency operating system with funnel.

REF.	A	L	COLOR	PACK
D592EBL	Hexa 7 MM	585	white RAL 9010	25

REMOVABLE HANDLE

E599A



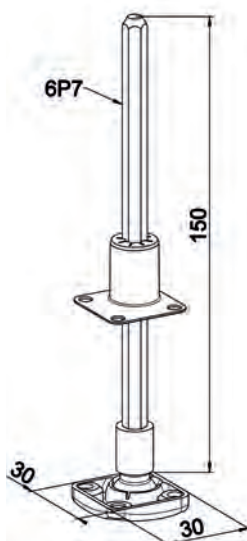
Features

Assembled Set delivered with :
 Funnel Ref. F699B.
 White Crank L = 1200 Ref. E107.
 Withe profil Handle Ref. F301A.
 Individual Package.

REF.	PACK
E599A	25

INTERNAL BOX JOINT

D109A



Features

Frame : Tainted P.B.T.
 Ball + Shaft hexa 7mm : galvanized and steel.
 The ball got an opening hexa 7 mm hole to fix the crank.
 pipe ; natural elastomer.
 Delivered in individual bags

Use

May be used with gearbox or motor with integrated emergency operation.
 Esthetic and discreet Solution.

REF.	COLOR	PACK
D109A	white RAL 9010	50
D109B	brown RAL 8017	50
D109D	black RAL 9005	50
D109E	grey RAL 7035	50



INTERNAL BOX JOINT

D108



Features

Frame : Tainted PA.
Ball + shaft hexa 7 mm : Galvanized and steel.
The ball got an opening hexa 7 mm to fix the tube of the crank.
pip.

Delivered in bags with 2 brackets for joints.: in front or under front of the box with 4 screws TF Ø 4 x 20 Ref. 4245.
Frame 44 x 50 mm and 22 x 62 mm

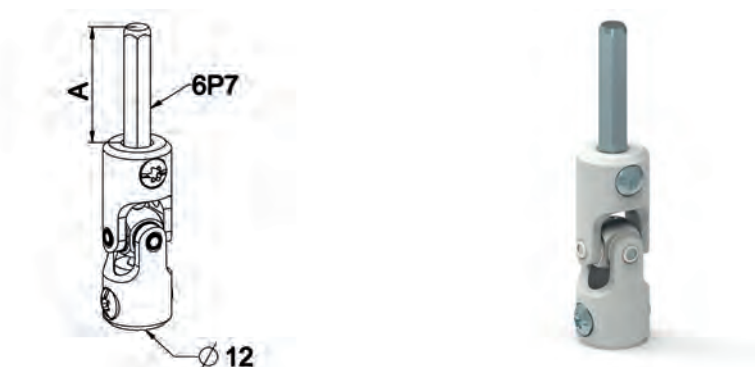
Use

May be used with gearbox or motor with integrated emergency operation.
Esthetic and discreet Solution.

REF.	COLOR	PACK
D108	white RAL 9010	50
D108A	brown RAL 8017	50
D108E	grey RAL 7035	50
D108F	black RAL 9005	50

EMERGENCY OPERATION JOINT

F768A



Features

Joint : Zinc steel.
Ball : alu.
Pin : stainless steel.
Shaft hexagonal 7 mm : galvanized steel.

Use

Used with box exit as follows :
- mounted at the end of the rod
- with a ball system for :
- being in a straight line for penetrating in the box exit
- being articulated according to required working angle.

REF.	A	COLOR	PACK
F768A	32	white RAL 9010	100
F768B	48	black RAL 9005	100
F768C	32	brown RAL 8017	100
F768G	73	white RAL 9010	50

CRANK HANDLE PROFIL F301A L1200.MO 7 MM HEX

E590



Features

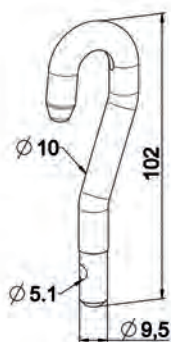
Assembly comprising the following:
Knuckle joint for manual override (item no. F768A)
Lacquered rod L = 1200
Black zinc-coated crank arm profile
Packaged in individual pouches.

REF.	COLOR	PACK
E590	White RAL 9010	25
E590A	Brown RAL 8017	25
E590B	Black RAL 9005	25



HOOK Ø 10

F611C



Features

galvanized and steel

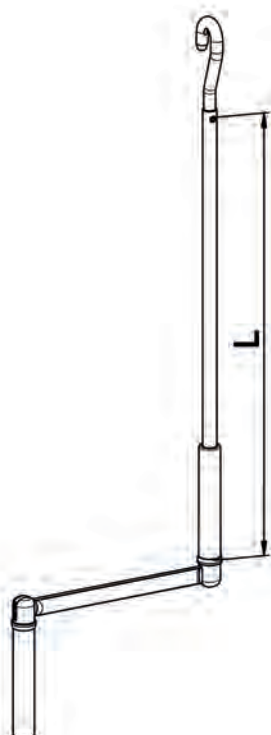
Use

To be mounted on the crank : with splint Ø 5 x 12 Ref. 4638.

REF.	PACK
F611C	100

PROFIL CRANK WITH HOOK Ø 10

E618CT



Features

Set with white handle profil + tube + hook.
 Delivered in individual bags

Use

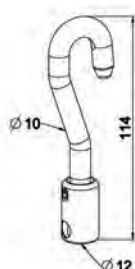
these Set is provided to operate manually an emergency operating crank integrated in the motor head.

Casual utilization and only with 25° tilting angle.

REF.	L	COLOR	PACK
E618CT	1000	white RAL 9010	25
E631CT	1200	white RAL 9010	25

HOOK Ø 10 / 12

F611CA



Features

galvanized steel

Use

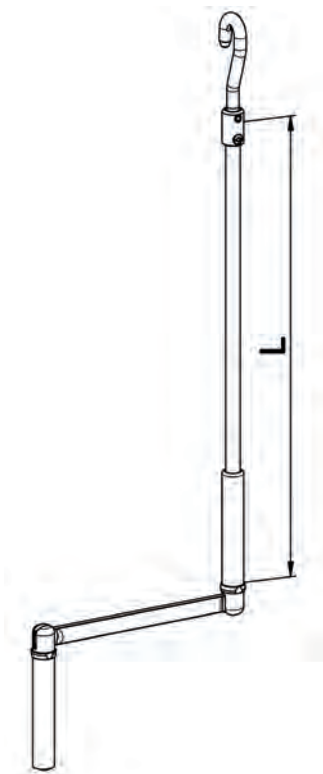
To be mounted on the crank Ø 12.
 With screw Ref. F780

REF.	L	COLOR
F611CA	Loosely without screws	100
F611CB	Individual Bag with screws	100



PROFIL CRANK WITH HOOK.

E618CV



Features

Set with white handle profil + tube + hook.
Delivered in individual bags

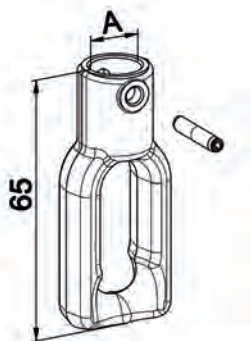
Use

For all the operating systems : gearbox or motor with emergency operating.
Tested on 7 000 cycles with an effort of 30 N maxi and an angle 25° maxi.

REF.	L	COLOR	PACK
E618CV	1000	white RAL 9010	25
E631CV	1200	white RAL 9010	25

ZAMAK Ø 10-12 LOOP

F606D



Features

Zamack.
Splint : galvanized steel.
Delivered in individual bags with hook screws.

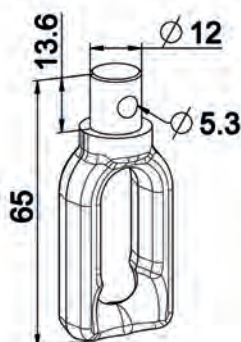
Use

Link between the crank with a splint Ø 4.

REF.	VERSION	DIM.A	PACK
F606D	Nickel-Platted	10	50
F606G	galvanized	10	50
F606F	galvanized	12	50
F606C	Nickel-Platted	12	50

ZAMAK Ø 12 LOOP

F606J



Features

Zamack

Use

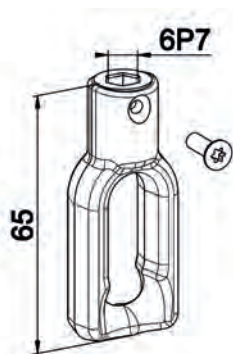
for the mounting of the cardan joint: screw M5
Ref. F780

REF.	VERSION	PACK
F606J	Nickel-Platted	50
F606K	galvanized	50



ZAMACK HOOP HEX. 7 MM

F606H



Features

Zamack

Use

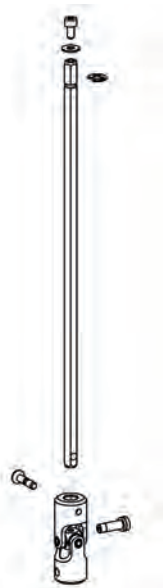
To make an emergency operating system, is mounted directly on the hexagonal 7 mm shaft :

- fixed with screws TF M4 x 12 Ref 4252.

REF.	VERSION	PACK
F606E	Nickel-Platted	50
F606H	galvanized	50

SET BAG EMERGENCY OPERATING HEXAGONALE 7 MM L 245 MM

F768F



Features

Joint: standard.

Shaft hexa 7 mm and sceew : galvanized steel.

Delivered in Set unmounted

Use

To make an emergency operating system.

The shaft is maintained in the vertical position on the motor head :

- with sceews,
- Or with a ring.

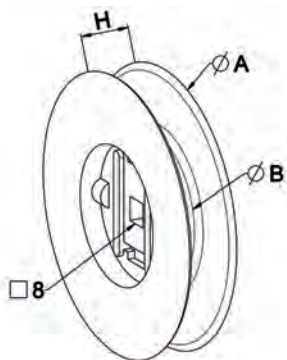
Can be used for Alu boxes maxi 360 mm.

REF.	PACK
F768F	50



PULLEY WITH SQUARE 8 MM

G102



Features

PS black
Reinforcement : galvanized steel.

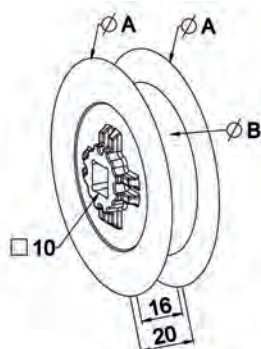
Use

Strap hanging with molded hooks or screws.

REF.	H	DIM.A	DIM.B	PACK
G102	19	80	58	60
G104	14	92	51	100
G105	14	126	85	100
G119	19	98	58	50
G120	19	124	88	100

PULLEY WITH SQUARE 10 MM

G130A



Features

Grey A.B.S

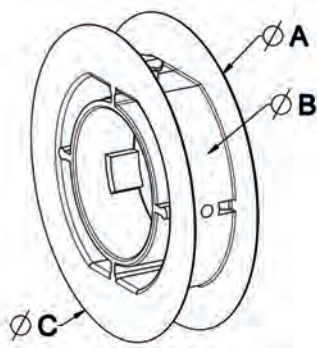
Use

Maximal usable strap breadth : 15 mm.
Thickness 20 mm.
Clinging of the strap with molded hooks or screw.
Operation out of endcap or retractable out of endcap with axle 10 mm square REF. A605, A605A or A613A.

REF.	DIM.A	DIM.B	PACK
G130A	80	46	250
G130B	100	58	200
G130C	125	88	150
G130D	155	118	100

PULLEY TO CLIP

G130



Features

PS black

Use

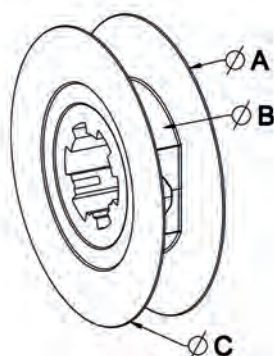
Maximal usable strap breadth : 15 mm.
Thickness 20 mm.
Clinging of the strap with molded hooks or screw.
Mounted through clipping on retractable caps for ZF 45, ZF 54 or ZF 64 tube, 40 mm or 60 mm octagonal tube.

REF.	DIM.A	DIM.B	DIM.C	PACK
G130	100	58	100	100
G131	115	58	100	140
G132A	125	88	125	50
G132	130	88	125	200
G133	140	88	125	100
G139	155	88	125	100
G134	160	88	125	100
G135	170	118	155	100



PULLEY WITH CLAW COUPLING

G130J



Features

PS black

Use

For built-in or integrated PVC roller shutters :
maximal usable breadth : 15 mm.

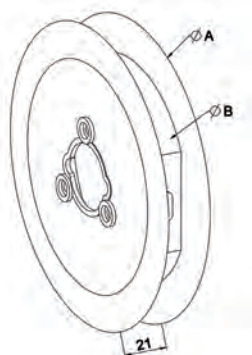
Thickness 20 mm.

Mounted on caps with male claw coupling or ZF
claw coupling.

REF.	DIM.A	DIM.B	DIM.C	PACK
G130J	80	46	80	250
G130K	73	46	73	500
G147	100	58	100	200
G146	125	88	125	125
G135A	170	118	155	100

PULLEY FOR DUMMY END

G110



Features

Natural A.B.S

Use

For built-in boxes : mounted on ball bearing on
cap REF. A296, A297 or cap A292.

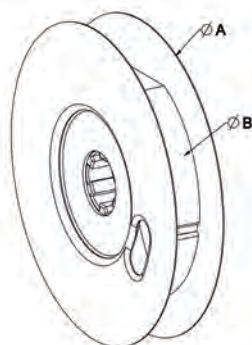
Fixed with 3 screws TC D. 3.9 L = 9.5 REF.
4204.

Used with strap breadth 20 mm.

REF.	DIM.A	DIM.B	PACK
G110	158	117	60
G111	185	139	60

PULLEY WITH CLAW COUPLING 22 MM STRAP

G110A



Features

PP black

Use

For built-in or integrated PVC roller shutters :

Mounted on caps with male claw coupling or ZF
claw coupling.

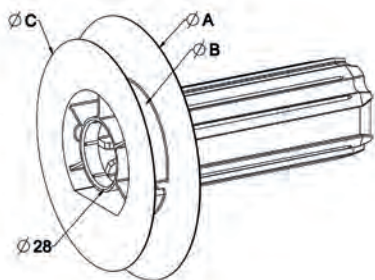
Can be used with a strap 22 mm width max.

REF.	DIM.A	DIM.B	PACK
G110A	153	115	100
G110B	193	145	60



CAP WITH INTEGRATED PULLEY

G160A



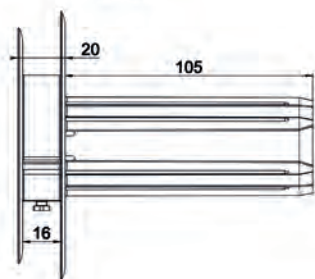
Features

Black A.B.S

Use

Used with PVC integrated box or external aluminium built-on box.

Used with ball bearing or plain bearing D. 28 - thickness 12 mm or hub REF. G170C.

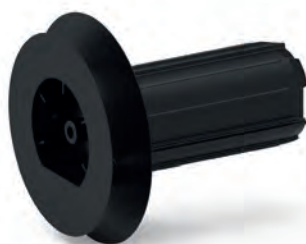
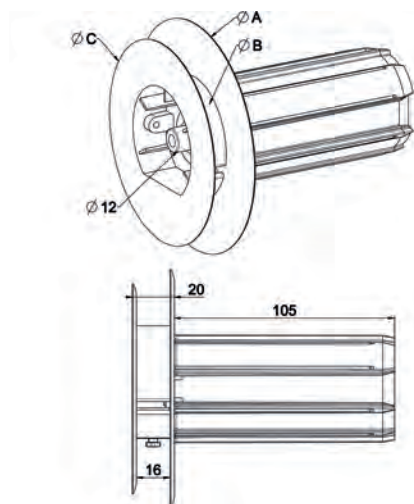


REF.	VERSION	DIM.A	DIM.B	DIM.C	PACK
G176A	ZF 54	114	60	100	70
G176B	ZF 54	120	60	100	50
G176C	ZF 54	130	90	125	40
G176D	ZF 54	135	90	125	50
G176E	ZF 54	142	90	125	50
G176F	ZF 54	158	120	158	25
G176G	ZF 54	170	120	158	30
G176H	ZF 54	180	120	158	20
G165A	Octa 40	114	60	100	90
G165B	Octa 40	120	60	100	50
G165C	Octa 40	130	90	125	40
G165D	Octa 40	135	90	125	50
G165E	Octa 40	142	90	125	50
G165F	Octa 40	158	120	158	50
G165G	Octa 40	170	120	158	50
G165H	Octa 40	180	120	158	50
G175D	Octa 60	135	90	125	50
G175E	Octa 60	142	90	125	50
G175F	Octa 60	158	120	158	30
G175G	Octa 60	170	120	158	50



PULLEY WITH CAP PIVOT Ø 12 OR Ø 18

G161B



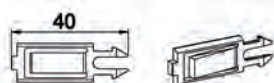
Features

Black A.B.S
12 pin diameter

REF.	VERSION	DIM.A	DIM.B	DIM.C	PACK
G161B	Pin Ø 12 ZF 54	135	90	125	50
G161C	Pin Ø 12 ZF 54	158	120	158	50
G166A	Pin Ø 12 Octa 40	114	60	100	50
G166B	Pin Ø 12 Octa 40	135	90	125	50
G166C	Pin Ø 12 Octa 40	158	120	158	50

STOPPER CLIP

G159



Features

PA black

Use

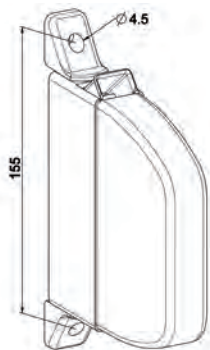
Used with all the pulleys with caps and to allow the retractable function without screw.

REF.	PACK
G159	5000



ROTATING STRAP COILER ALUTOILE

G305



Features

Box : PS
bracket : PA
Brake : galvanized steel.
Set delivered in individual bag with strap outside.
The coiler without strap is delivered with unstretched spring
Hang the strap on the spring box and wind the strap around.
Grey strap for all the modes.

Use

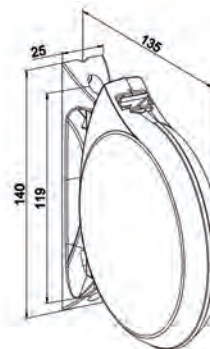
The spring will be skretched when the strap will open.



REF.	VERSION	COLOR	STRAP WIDTH	STRAP LENGHT	PACK
G305	Without strap	White	-	-	40
G316	Without strap	Brown RAL 8017	-	-	40
G301	With strap	White	12	4,75	40
G306	With strap	White	14	3,75	40
G309	With strap	White	14	4,50	40
G310	With strap	White	14	4,75	40
G311	With strap	White	14	5,00	40
G312	With strap	White	14	5,50	40
G313	With strap	White	14	6,00	40
G314	With strap	White	14	6,50	40
G315	With strap	White	14	7,00	40
G319	With strap	White	17	5,00	40

CONVIV STRAP COILER

G421



Features

Case and bracket : A.B.S. tainted.
brake bracket : Galvanized Steel.
Capacity 4,50 m
Grey Strap.
Delivered in individual set, with strap outside.

Use

Version without strap:
The spring is not stretched (not necessary before fixing the strap).
Fix directly the strap on the spring box, wind it around it.
The spring will be stretched.

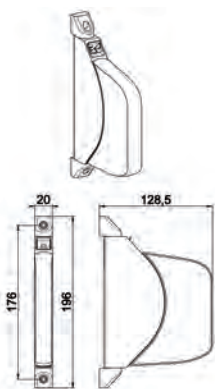
***Other colors, contact us.**

REF.	VERSION	COLOR	STRAP WIDTH	LENGHT.STRAP	PACK
G421	Without strap	White	-	-	50
G435	With strap	White	12	4,50	50
G436	With strap	White	12	4,75	50
G437	With strap	White	12	5,00	50
G438	With strap	White	12	5,50	50
G439	With strap	White	12	6,00	50
G455	With strap	White	12	6,50	50
G441	With strap	White	12	7,00	50
G442	With strap	White	14	4,50	50
G457	With strap	White	14	4,75	50
G453	With strap	White	14	5,00	50
G443	With strap	White	14	5,50	50
G446	With strap	White	14	6,00	50
G461	With strap	White	14	6,50	50
G431	With strap	White	14	7,00	50



SQUARE OPEN STRAP COILER

G530



Features

Case : A.B.S.
Bracket: galvanized steel.
Delivered in individual bags, strap outside.
Coiler without strap is delivered in a bag, spring stretched and the assembly instructions.

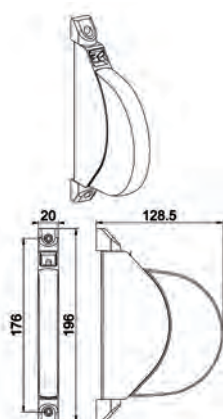
Use

Removable cover : clipping fixation .
180° Orientation.
Surface aspect : Polished cover.
Average of strap capacity: 4,50 m in the box.
Grey strap for all the versions.
With the strap version : hang the strap on the spring box.
Unlock the spring box (break the stopper).
The strap is winding automatically.
Clip the cover.

REF.	VERSION	COLOR	WIDTH	LENGHT.	PACK
G530	Without strap	White	-	-	50
G537	Without strap	Black RAL9005	-	-	50
G530AD	With strap	White	12	4,25	50
G530AF	With strap	White	12	4,75	50
G530AG	With strap	White	12	5,00	50
G530AJ	With strap	White	12	5,50	50
G530BE	With strap	White	14	4,50	50
G530BF	With strap	White	14	4,75	50
G530BG	With strap	White	14	5,00	50
G530BJ	With strap	White	14	5,50	50
G530BN	With strap	White	14	6,50	50

ROUNDED OPEN STRAP COILER

G540AD



Features

Case : A.B.S.
Bracket: galvanized steel.
Delivered in individual bags, strap outside.
Coiler without strap is delivered in a bag, spring stretched and the assembly instructions.

Use

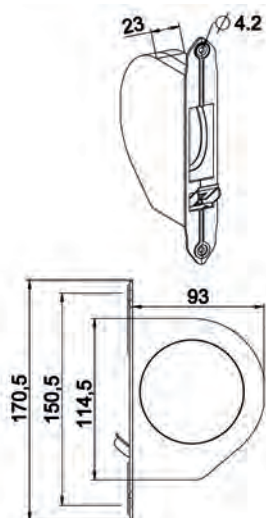
Removable cover : clipping fixation .
180° Orientation.
Surface aspect : Polished cover.
Average of strap capacity: 4,50 m in the box.
Grey strap for all the versions.
With the strap version : hang the strap on the spring box.
Unlock the spring box (break the stopper).
The strap is winding automatically.
Clip the cover.

REF.	VERSION	COLOR	WIDTH	LENGHT.	PACK
G540	Without strap	White	-	-	50
G547	Without strap	Black RAL 9005	-	-	50
G549	Without strap	Grey RAL 7016	-	-	50
G540AD	With strap	White	12	4,25	50
G540AF	With strap	White	12	4,75	50
G540AG	With strap	White	12	5,00	50
G540AJ	With strap	White	12	5,50	50
G540BG	With strap	White	14	5,00	50
G540BJ	With strap	White	14	5,50	50
G540BL	With strap	White	14	6,00	50
G540BN	With strap	White	14	6,50	50



STRAP COILER TO EMBED

G472



Features

Case : A.B.S.
Box : PP + galvanized steel.
Spring : Steel.
brake: galvanized steel.
Case closed.
Capacity 3,60 m.
Delivered in individual bags
For other strap length, contact us.

REF.	WIDTH STRAP	STRAP LENGTH	PACK
G472	12	4,50	50
G472A	12	4,75	50
G473	14	4,50	50
G473C	14	5,50	50

COVER PLATE

G474



Features

A.B.S.
Delivered in individual bags

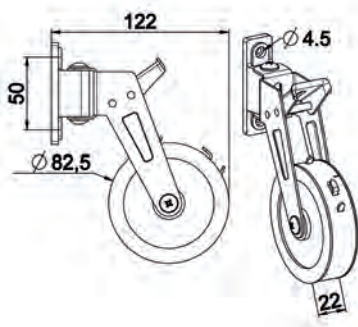
Use

Cover plate for built-in coilers.

REF.	COLOR	PACK
G474	White RAL 9010	500
G474A	Grey RAL 7035	500
G474B	Brown RAL 8019	500

SURFACE MOUNTED STRAP COILER SWIVELLING

G371



Features

Springbox grey PA.
Frame galvanized steel grey RAL 7035.
for strap 20 mm.
Capacity : 3,50 m.
Delivered without Strap with 2 screws TC Ø 3,9 x 25.

REF.	PACK
G371	50



POLYESTER STRAP

G222



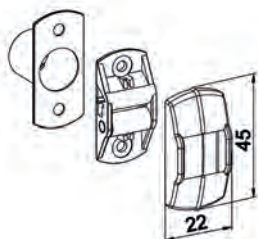
Features

Polyester
Thickness : 1,3 mm + 0 / - 0,1 mm.
In 4 widthness :
12 or 14 or 17 or 20 mm.
For more informations : look the manual.
Coil in different lenght or cut to size.

REF.	COLOR	WIDTH	VERSION	PACK
G222	Grey	12	Coil	800 m
G222A	Grey	12	Coil	100 m
G223	Grey	14	Coil	800 m
G223A	Grey	14	Coil	100 m
G227A	Brown	14	Coil	100 m
G232	Brown	14	Coil	800 m
G225	Grey	17	Coil	800 m
G226	Grey	20	Coil	100 m
G806A	Grey	14	in 5 m lenght	100 lenght
G806C	Grey	14	5,5 m lenght	100 lenght

VERTICAL STRAP GUIDE

G217



Features

Frame and roller : PA.
Roller pin : galvanized steel.
Cover : A.B.S.
Set with 3 individual packed elements.

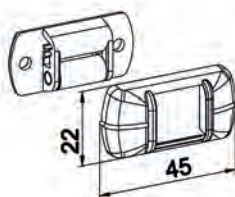
Use

For 15 mm strap maximum width

REF.	COLOR	PACK
G217	White RAL 9010	250
G217A	Grey RAL 7035	250
G217B	Brown RAL 8017	250
G217D	Beige RAL 1015	250
G217K	Black RAL 9005	250

HORIZONTAL STRAP GUIDE

G218



Features

Frame and roller : PA.
Roller pin : galvanized steel.
Cover : A.B.S.
Set with 3 pieces delivered in an individual bag
Possibility to mount a brush Ref 8470 for the sealing with the strap

Use

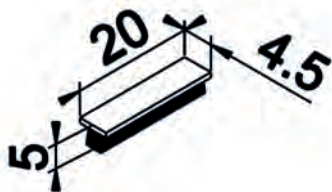
For 15 mm strap maximum width

REF.	COLOR	PACK
G218	White RAL 9010	250
G218A	Grey RAL 7035	250
G218B	Brown RAL 8017	250
G218H	Black RAL 9005	250



SET BAG JOINT FOR STRAP GUIDE

8470



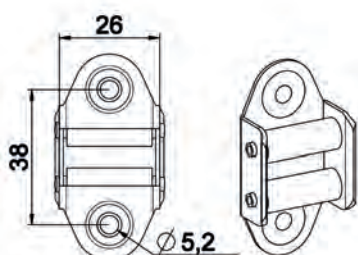
Features

Brush piece L=20 mm.
 W 4,5 mm.
 High : 5 mm.
 250 joints / ref.

REF.	PACK
8470	1

STRAP GUIDE 44 X 20 WITH 2 ROLLERS

G201



Features

Frame : nickelsteel plate thickness 1,2 mm.
 Roller : Natural
 PA. Roller pin : galvanized steel.

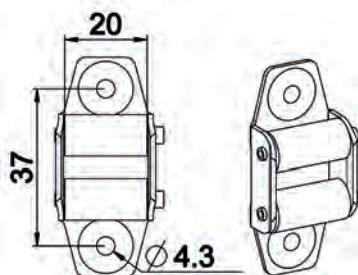
Use

For 25 mm strap.
 2 P.A. rollers.

REF.	PACK
G201	100

STRAP GUIDE WITH 2 ROLLERS

G204



Features

Frame: Steel Th. 1,2 mm galvanized, Roller : PA

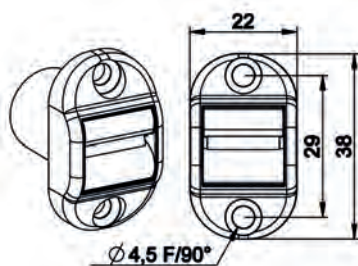
Use

For 17 mm strap.
 2 P.A. rollers.

REF.	COLOR	PACK
G204	Galvanized	100

STRAP GUIDE 38 X 22

G212AA



Features

Frame and cover : PA.
 Equipped with a brush

Use

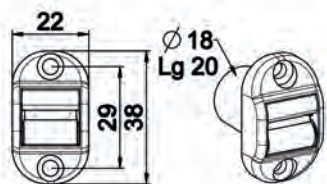
For 16 mm strap.
 For opening under the box.
 Delivered in individual bags

REF.	COLOR	PACK
G212AA	White RAL 9010	250
G212AB	Grey RAL 7035	250
G212AC	Beige RAL 1013	250
G212AD	Golden oak RAL 8003	250



STRAP GUIDE 38 X 22 WITH 2 ROLLERS

G212BA



Features

Frame and cover : PA.
Roller : Natural POM.
Equipped with a brush
Exist in other colors : consult us for the references.

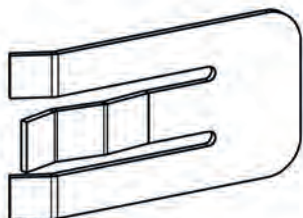
Use

For 16 mm strap.
For opening under the box.
Delivered in individual bags

REF.	COLOR	PACK
G212BA	White RAL 9010	250

STRAP BLOCKER

G235



Features

Galvanized steel

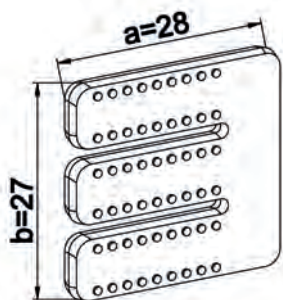
Use

Used like a stopper with strap coiler during the transport.

REF.	PACK
G235	1000

STRAP BLOCKER

R210



Features

PA charged natural

Use

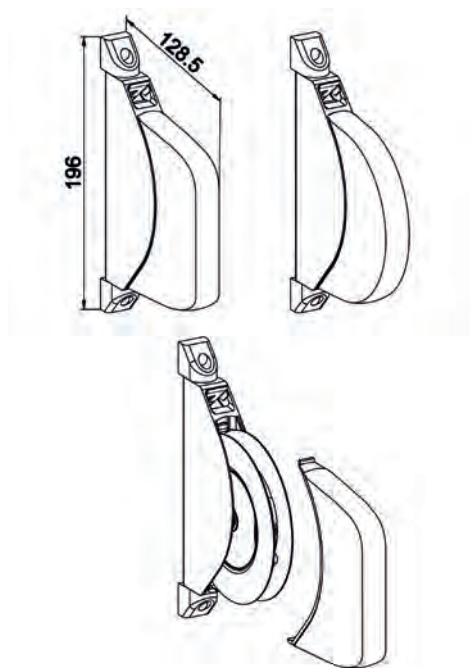
Used like a stopper with strap coiler during the transport.

REF.	PACK
R210	500



OPEN ROPE COILER

G540C



Features

Case : A.B.S.
Bracket : Steel.
Springbox : ABS natural.
Spring : Steel.
Pulley : Polystyrene.
Thickness : 20 mm.
Always delivered without rope stretched spring and the assembly instructions

Use

Removable cover : clipping fixation .
180° Orientation.
For rope Ø 4,5.
Fixation with 2 screws TC Ø 4.
Mounting of the rope in the coiler : hang the rope on the spring box.
Unlock the spring box (break the stopper).
The rope is winding automatically.
Clip the cover.

REF.	VERSION	CORDON	COLOR	PACK
G540C	Rounded	Ø 4,5	white	50
G540D	Rounded	Ø 4	white	50
G533C	Square	Ø 4,5	Brown RAL 8017	50

ROPE GUIDING SPRING L. 200

G287A



Features

Galvanized steel

Use

For protecting and guiding the rope.

REF.	PACK
G287A	100

ROPE GUIDES

G287AA



Features

Plastic

Use

For guiding the rope inside.
Fixing with 2 screws TF D. 4.

REF.	COLOR	PACK
G287AA	White	100
G287AB	Brown	100



PULL HANDLE FOR ROPE

G287B



Features

A.B.S

Use

For improving the operating of the rope.

REF.	COLOR	PACK
G287B	White	100
G287BA	Brown	100

ROPE Ø 4,5

G287C



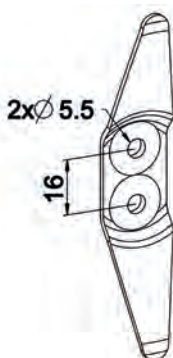
Features

Rope: Polyester

REF.	COLOR	PACK
G287C	White speckled black	Coil of 300 m

ROPE FIXING PLATE

G282



Features

Galvanized steel plate thickness 1,5 mm or polyester coated.

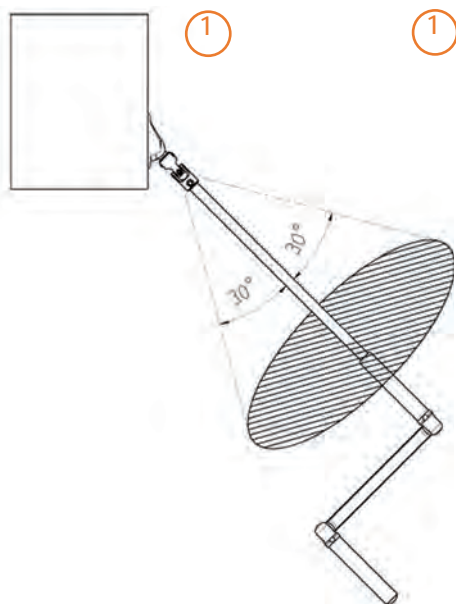
Use

For fixing the strap or the rope when the shutter is not full opened.

REF.	COLOR	PACK
G282	Galvanized	500



⚙️ MOUNTING OF BOXES EXIT, JOINTS, PARALLEL DRIVE GEARS



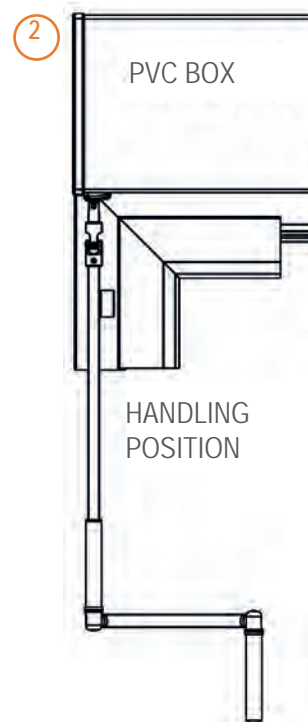
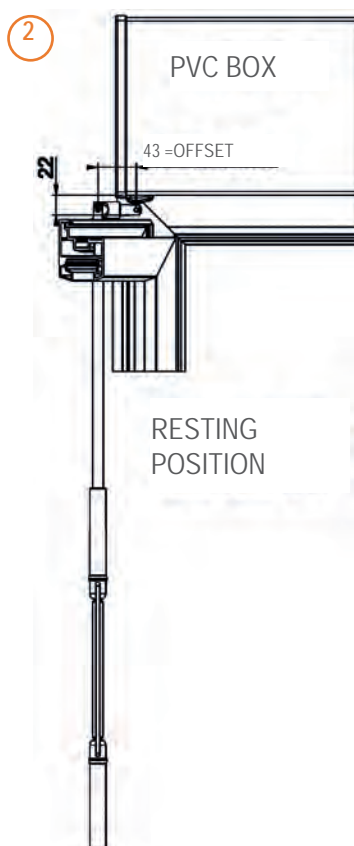
① UNIVERSAL JOINTS

In order to use correctly the universal joint, the angle formed by the operation exit and the crank pole must be less than 30°.

② MINI OFFSET CARDAN JOINT

Operating systems for shutters equipping windows with two wings opening inwards may present the following problem: the drive unit exit of the shutter is located plumb above the hinges of the window which prevents the latter being fully opened.

The shift mini drive unit allows this problem to be solved. The rest position frees the window



SETTING CONDITION OF SHAFT'S LENGTH IN GEAR OPERATION

1) With gearboxes CONIPACT:

The shaft must penetrate in the gear with a length of:

MINIMUM - 30 mm - MAXIMUM - 60 mm

2) With gearboxes COUPLES CONIQUES

The shaft must penetrate in the gear with a length of:

MINIMUM - 30 mm - MAXIMUM - 100 mm

3) With gearboxes MINIVIS - VIS FREIN - TECHNIVIS - MINI-COUPLE CONIQUE:

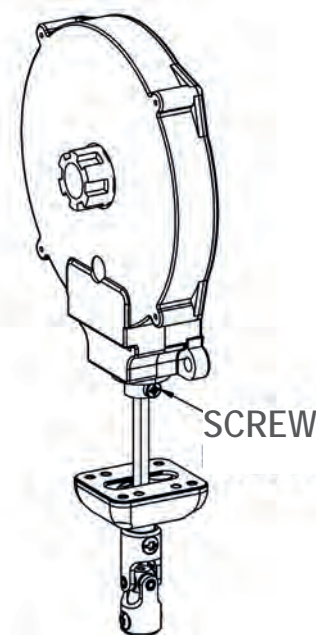
The shaft must be as traversal as possible

HOW TO PLACE OPERATION OUTPUTS ON BUILDING SITE

Expectant placement

Mounting case with gear Couple Conique and Conipact :

- The worm screw on the carrier permits to maintain the operation output into place: screw on the shaft 6P7





SPÉCIFICATIONS FOR STAMINA TRIALS



The specifications need to be in mind for all trials that can be realized in order to get the certification NF Fermetures or NF-EN

1) STAMINA TRIALS FOR GEARBOX

Integrated brake systems (with go and back) in operation gearboxes roll by rubbing. When the rolling shutter is going up or down, they change kinetic energy due to brake in heat situation.

For stamina trials, it is necessary to let a « stop » time of 2 min 30 sec between each movement direction. This time can be reduced if the gearbox isn't used with its maximum capacity

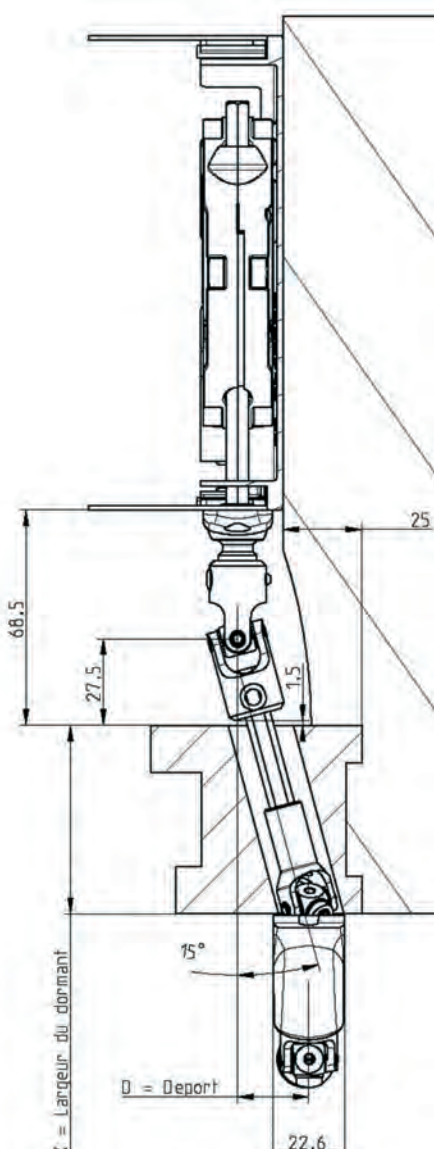
2) TRIALS FOR COMPELLED OPERATION

ZF instruction to respect for trials with compelled operations whatever the operation during situation class 1



RESPECT ONE MINUTE OF STOP TIME BETWEEN EACH OPERATION

IMPLEMENT DRAWING OF CARDAN WITH THREE JOINTS RÉF. D593AB



LATENT (X)	MAX. MISMATCH (D)
50	21
55	22
60	23
65	25
70	26
75	27



STRAPS CHARACTERISTICS

Material:	High tenacity polyester fibers
Weave :	Made with unravellable selvedge (also called «blocked selvedge»).
Colour :	carried out by impregnation of a color after weaving followed by baking of the tape
Width	12 ± 0.5 - 14 (+ 0.5 or - 0.75) - 17 (+ 0.75 or - 0.5) - 20 ± 1
Thickness :	1.3 ± 0.1
Elongation :	8 à 9 % under 1/3 de R (breaking strength)
Combustibility :	Melts at 225 ° C
Toxicity :	None
Putrescibility :	None
Resistance to light:	Good
Resistance to abrasion:	Good
Shrinkage :	Possibility of 2 %

STRAP WIDTH	12	14	17	20
BREAKING STRENGTH R/KG	400	450	540	610

TAPE COILER USE

A) CONVIV AND ALUTOILES MODELS

DELIVERY MODE

- 1- With strap, loaded spring for traditional use.
- 2- Without strap, not loaded spring for use in renovation. The strap is then cutted at length, rolled on the pulley, the end coming out of the strap exit

MOUNTING OF THE COILER ON BUILDING SITE

Pass the end of the strap in the clamp of the coiler, attach it to the spring box.

Roll up while turning the spring: roll up to the maximum. Move up the casing cap. Fix the cover and the coiler.

Note: The tight of the spring is made as the strap exits

B) OPEN COILER

Delivery of coilers:

- 1- With strap, loaded spring for traditional use.
- 2- Without strap, loaded spring.

Mounting: read the directions for use which are in the packaging

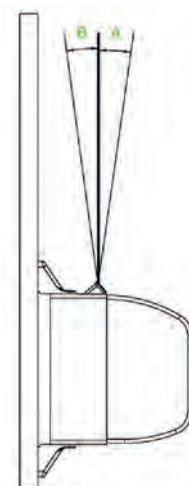
C) FOR ALL MODELS

HOW IT FUNCTIONS

The position of the strap vertically affects the breaking therefore the max. weight of the shutter to be operated. Angle A is always favourable.

Angle A: max. admissible according to shutter weights.

SHUTTER WEIGHT	A MAXI
5 kg	12°
10 kg	13°
15 kg	14°



MAXIMUM WEIGHT OF THE ROLLING SHUTTER ADVISED

Use table for different pulleys for an effort of 6 daN on the strap (normal operation).

Ø PULLEY/ MM	Ø GROOVE BOTTOM/ MM	TORQUE TRANSMITTED / NM	SHUTTER WEIGHT ON TUBE ZF45	SHUTTER WEIGHT ON TUBE ZF54
100 115 140	60	2 Nm	5 kg	4.5 kg
160 170 188	90	3 Nm	7 kg	6 kg
195	120	4 Nm	10 kg	8.5 kg
	140	4,6 Nm	11 kg	9.5 kg

CASING CLEANING

Only use of soapy water.

NOTES

A series of horizontal dotted lines for writing notes.



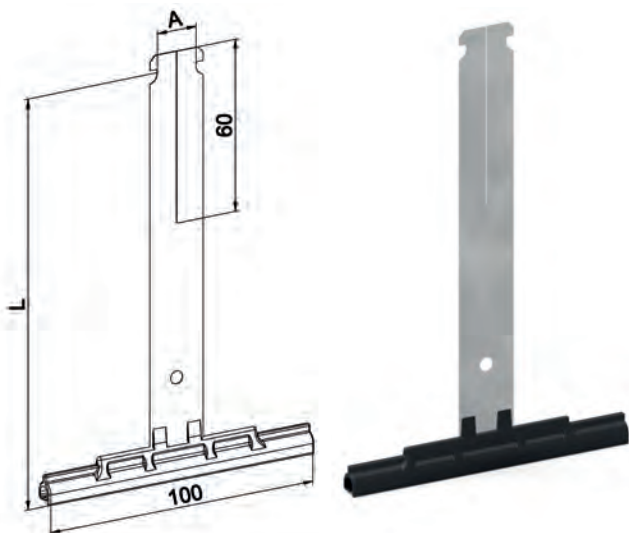
FIXING SPRINGS

▼ FIXING SPRINGS	144
▼ AUTOLOCKS	148
▼ HEAVY ROLLER SHUTTER LINK	161
▼ INSTRUCTIONS FOR USE	162



FIXING SPRING TO CLIP

H880D



Features

Stainless steel.
PA + 13 % fiberglass.

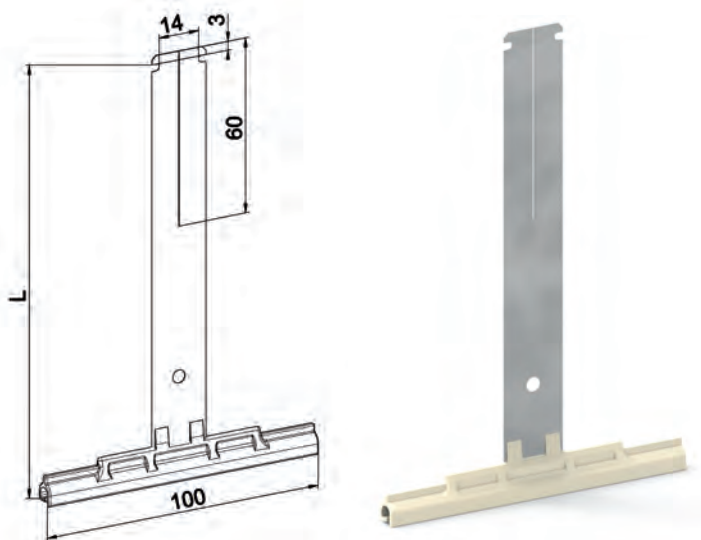
Use

To clip in the holes of the tube.

REF.	A	VERSION	COLOR	L	PACK
H880D	14 for tube ZF	8 mm slat	black	142	250
H882D	14 for tube ZF	8 mm slat	black	175	250
H881A	14 for tube ZF	Lame de 14	black	147	200
H883A	14 for tube ZF	Lame de 14	black	180	200
H880B	9 for tube Octa	8 mm slat	grey	142	250
H882B	9 for tube Octa	8 mm slat	grey	175	250
H886B	9 for tube Octa	8 mm slat	grey	165	250
H881B	9 for tube Octa	Lame de 14	grey	147	200
H883B	9 for tube Octa	Lame de 14	grey	180	200

FIXING SPRING FOR MOTOR

H880F



Features

Stainless steel.
PA + 13 % fiberglass.

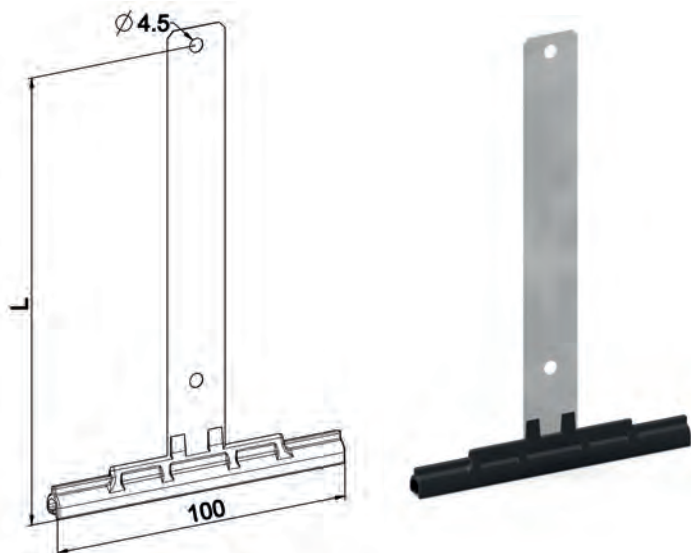
Use

In the holes of the tubes ZF45-54-64. 5 kg maximum weight per spring. Reduced fixing system: avoid the contact with the motor on ZF45 tube or motor type 50 for ZF54 tube.

REF.	VERSION	COLOR	L	PACK
H880F	8 mm slat	Naturel	142	250
H880J	8 mm slat	Black	163	250
H880L	8 mm slat	Black	168	250

FIXING SPRING TO SCREW

H880C



Features

Stainless steel.
PA + 13 % fiberglass.

Use

To screw on the tube : suggested screw D 4.2
Length: 8 : RÉF. 4227.

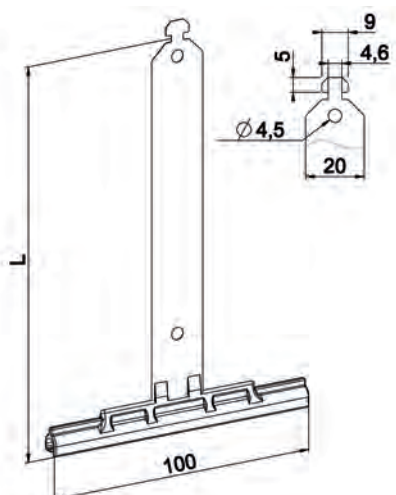
REF.	VERSION	COLOR	L	PACK
H880C	8 mm slat	black	142	250
H882C	8 mm slat	black	175	250
H886C	8 mm slat	black	164	250
H881C	14 mm slat	black	146	200
H883C	14 mm slat	black	179	200



FIXING SPRING WITH HOOK

TUBE
OCTA

H880G



Features

Stainless steel.
PA + 13 % fiberglass.

Use

For octagonal tube.

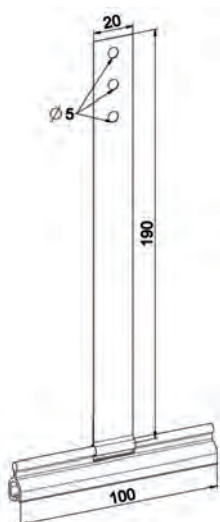
Remark

5 kg maxi per spring.
1 link each 50 cm .

REF.	VERSION	L	COLOR	PACK
H880G	8 mm slat	142	black	250
H882G	8 mm slat	175	black	250
H886G	8 mm slat	152	black	250
H881G	14 mm slat	147	black	200
H883G	14 mm slat	180	black	200

FIXING SPRING TO SCREW ALU

H883GA



Features

Stainless steel.
Aluminium (linking part).

Use

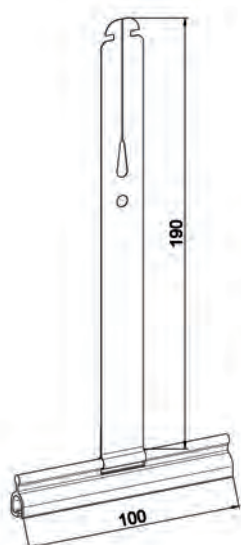
For heavy roller shutters.
Maxi weight : 25 kg per spring.

REF.	VERSION	PACK
H883GA	14 mm slat	500

FIXING SPRING TO SCREW ALU

H883GB

TUBE
OCTA



Features

Stainless steel.
Aluminium (linking part).

Use

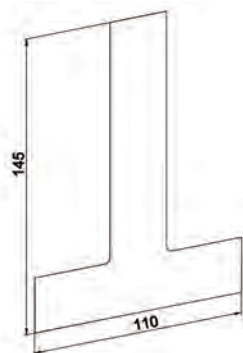
For heavy roller shutters.
Maxi weight : 25 kg per link.
fixed on the openings L = 10 mm.

REF.	VERSION	PACK
H883GB	14 mm slat	500



FIXING SPRING PROTECTION

H800AA



Features

Polyethylene

Use

To put on the stainless steel flansch of the fixing springs for avoiding any damages of the slats.

REF.	PACK
H800AA	5000

FIXING SPRING PROTECTION

H800AB



Features

Polyethylene

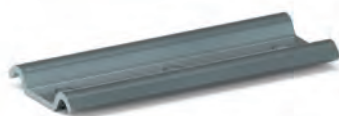
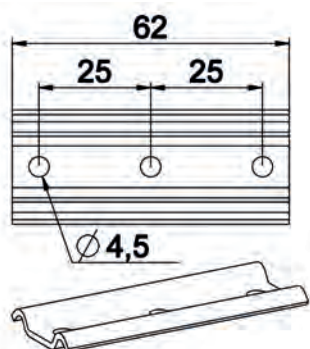
Use

To put on the stainless steel flansch of the fixing springs for avoiding any damages of the slats.

REF.	L	PACK
H800AB	145	5000

TUBE FASTENING PLATE

H812



Features

Galvanized steel plate thickness 1,5 mm.

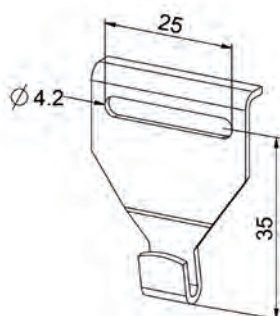
Use

To use with links - Ref. H834
Fastening on the ZF64 or ZF80 tube with 3 screws CBL Ref. 4209 : in case of using a motorized tube use screws Ref. 4227.

REF.	PACK
H812	500

TUBE FASTENING HOOK

H813



Features

Galvanized steel plate thickness 1,5 mm.

Use

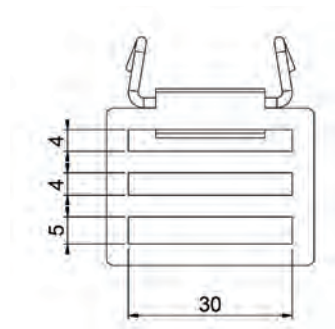
Fastening on ZF64 or ZF80 tube with 2 screws CBL Ref. 4209.

REF.	PACK
H813	250



STRAP FASTENING HOOK

H814



Features

Galvanized steel plate thickness 1,2 mm.
 Hook : stainless steel wire.

Use

Fastening in the Ø 3 drillings of ZF tubes
 To use with link ref: H834.

REF.	PACK
H814	500

STRAP FOR SHUTTER FASTENING

H834



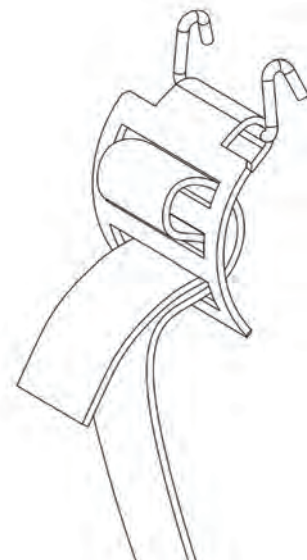
Features

Polyester

Use

To be used with H812 or H814.
 To hang on the profil.

REF.	WIDTH	L	PACK
H834	20	450	500

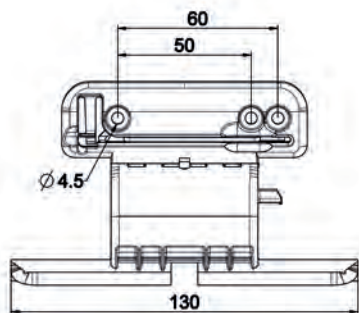




RIGID LINK II - ZF TUBE

TUBE
ZF

H892K



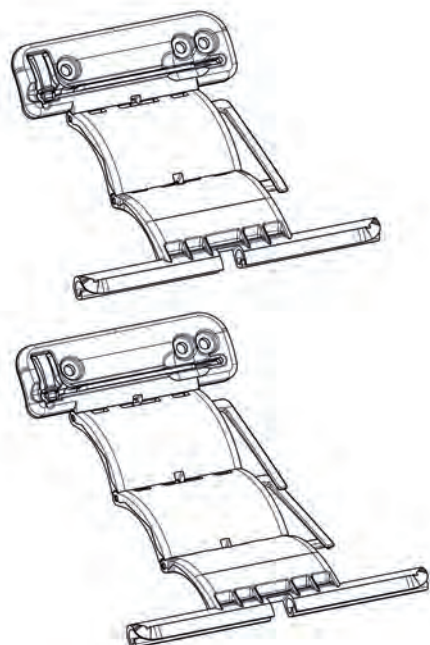
Features

PA + 30 % fiberglass, black
Pin : brass.
wire : stainless steel.

Use

With 8 mm slat.
For blocking the roller tube for automatic motor with torque limiter.
Deals as blocker when used with gearbox with integrated clutch system and without end stopper.
Clipped on the ZF tube with springs.
Maximum weight : 7 kg per autolock.
for the Operating conditions : refer to the instructions.

REF.	VERSION	FOR MAXIMUM WINDING Ø	PACK
H892K	1 element	165	400
H892L	2 elements	205	300
H892M	3 elements	270	200



WIRE SPRING Ø 1,6 FOR RIGID LINK II

TUBE
ZF

H873B



Features

stainless steel wire Ø 1.6.

Use

Can be used with rigid links II on tube ZF45, ZF54 ou ZF64, with opening 16 x 2 distance 50mm.

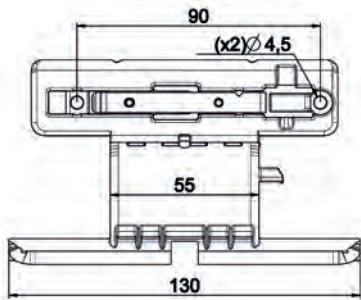
REF.	PACK
H873B	2500



TUBE
OCTA

RIGID LINK III - OCTAGONAL

H893A

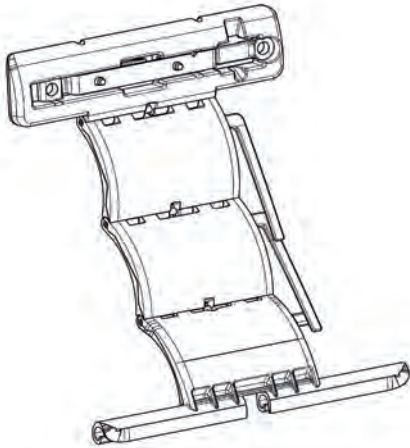
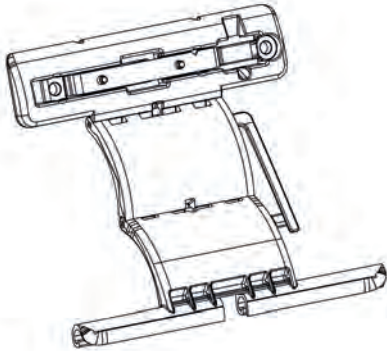


Features

PA + 30 % fiberglass, black
 Pin : Alu.
 wire : stainless steel.
 Locking Plate : stainless steel 1 mm.

Use

To be mounted on octa tube with 5 x 8 mm openings or a distance of 60 or 75 mm. Especially for 50 mm and 60 mm octagonal tube.
 Can be adapted on 40 mm octagonal tube. for 8 mm slats.
 Maximal weight : 7 kg per autolock



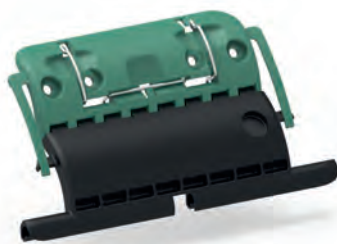
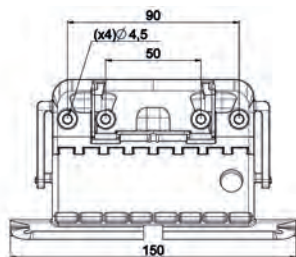
REF.	MODEL	HOLE THREADS	PACK
H893A	1 element	60	300
H893B	2 elements	60	250
H893C	3 elements	60	200
H893D	1 element	75	300
H893E	2 elements	75	250
H893F	3 elements	75	200



CLICKSUR AUTOLOCK

TUBE
ZF

H875D



Features

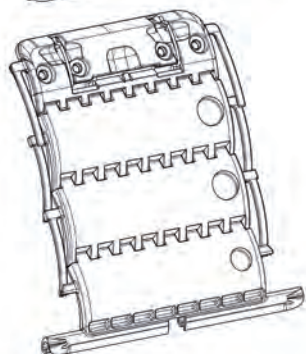
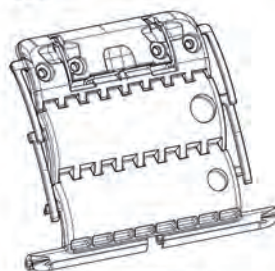
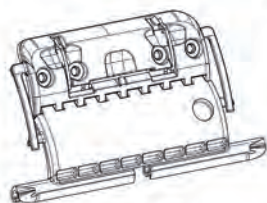
PA + 30 % fiberglass tained :
- Green tube fixation element
- Black for the other elements.

Use

Enables the link between the tube and the first slat of the shutter.

The shutter is automatically locked when it is lowered with manual and electrical handling with some limits of use.

Might be locked by screws or rivets on the tube.



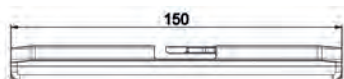
REF.	SLAT	MODEL	LINK FIL	PACK
H875A	8	1 element	Without	300
H875B	8	2 elements	Without	200
H875C	8	3 elements	Without	125
H875D	8	1 element	with	300
H875E	8	2 elements	with	200
H875F	8	3 elements	with	125
H876A	14	1 element	Without	200
H876B	14	2 elements	Without	200
H876C	14	3 elements	Without	125
H876D	14	1 element	with	200
H876E	14	2 elements	with	200
H876F	14	3 elements	with	125

HANGING PROFIL

H872A

TUBE
ZF

TUBE
OCTA



Features

Fiberglass PA

Use

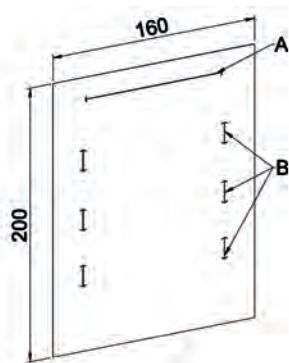
Mounted only on Clicksur autolock : links the shutter to the lock already set on the tube.

REF.	SLAT	PACK
H872A	8	1000
H872B	14	1000



PROTECTION FOR CLICKSUR AUTOLOCK

H804E



TUBE
ZF

TUBE
OCTA

Features

PVC thickness 0,3 mm uncolored.

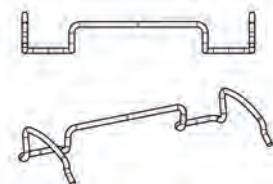
Use

Also compatible with the autolocks Clickocto.
 Compatible with models 1, 2 and 3 elements .

REF.	VERSION	PACK
H804E	for all the Clicksur range.	800
H804G	For autolock Clicksur 1 et 2 elements	800
H804H	For autolock Clicksur 1 element	800

FIXING YARN FOR CLICKSUR

H877



TUBE
ZF

Features

Wire Ø 1,5 steel XC48.

Use

For fixing the Clicksur autolocks on tubes ZF45, 54 and 64.

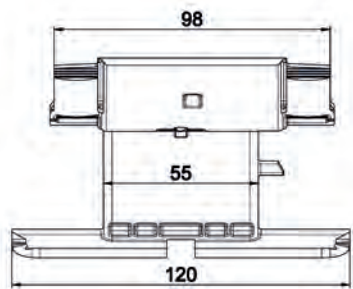
REF.	PACK
H877	1000



AUTOLOCK FIXING RINGS FOR 40/50/60

TUBE
OCTA

H891A



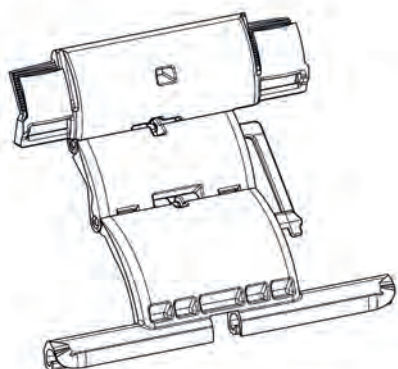
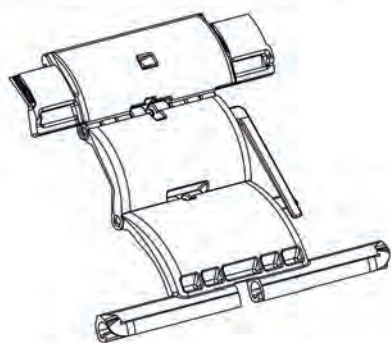
Features

Element : PA + 30 % fiberglass, black tainted.
Pin : brass.

Use

To be mounted on 40, 50 or 60 mm octa. tubes.
Set on the tube with 2 rings : different model according to the tube.
Locking with a latching system male - female.
Mounted on shutter 8 mm slat.
Locks the tube with automatic motors and gearbox with clutch system.

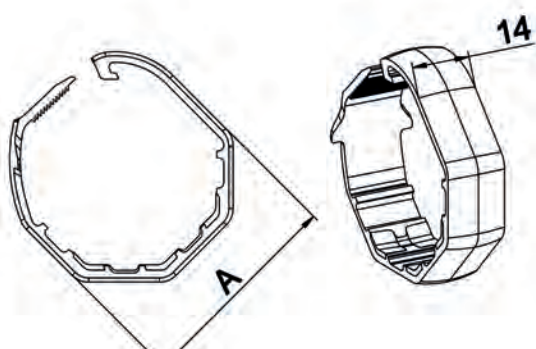
REF.	FOR TUBE	MODEL	PACK
H891A	Octa 40-50-60	1element	300
H891B	Octa 40	2 elements	300
H891C	Octa 50-60	2 elements	300



FIXING RING FOR OCTAGONAL TUBE

TUBE
OCTA

H891C6



Features

PA + fiberglass natural tainted + black elastomere pieces.

Use

For fixing the autolock above

REF.	VERSION	DIM.A	PACK
H891C6	Tube Octa 40	45	600
H891C7	Tube Octa 50	65	600
H891C8	Tube Octa 60	74	600

CLAMP CHUCK FOR AUTOLOCKS WITH RINGS

H891A3

Use

For an easier setting of the rings.



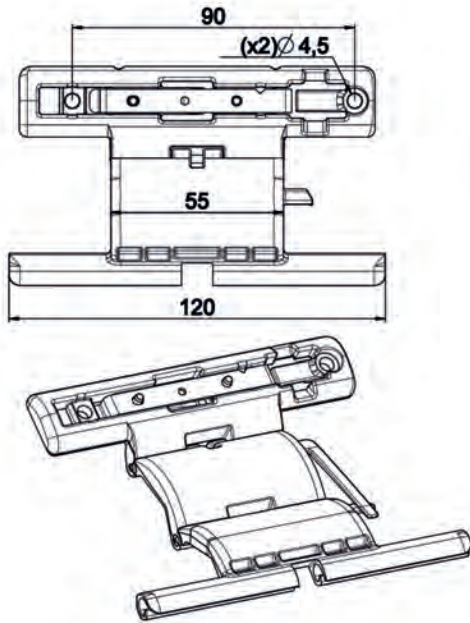
REF.	PACK
H891A3	1



OCTAEASY AUTOLOCK 40 MM

OCTA
40

H894G



Features

PA + 30 % fiberglass tained black
Remark : for reduced angle : grey element.
locking plate : steel plate 1 mm.

Use

To be mounted on octa tube with 5 x 8 mm openings and a distance of 60 or 75 mm. Especially for 40 mm octagonal tube. Can be adapted on 40 mm octagonal tube. for 8 mm slats. Maximal weight : 7 kg per link.

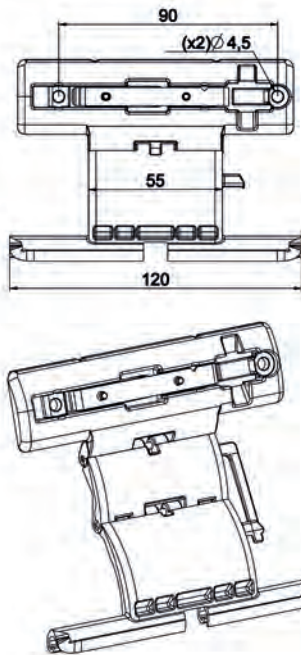
REF.	MODEL	HOLE THREAD	ANGLE	PACK
H894G	1 element	60	Normal	300
H894H	2 elements	60	Normal	250
H894K	1 element	75	Normal	300
H894L	2 elements	75	Normal	300

SPECIAL MOSQUITO & SCREEN SHUTTER

OCTAEASY AUTOLOCK 50/60 MM

OCTA
60

H894A



Features

PA + 30 % fiberglass tained black
Remark : for reduced angle : grey element.
locking plate : steel plate 1 mm.

Use

To be mounted on octa tube with 5 x 8 mm openings and a distance of 60 or 75 mm. Especially for 50 mm and 60 mm octagonal tube. Can be adapted on 40 mm octagonal tube. for 8 mm slats. Maximal weight : 7 kg per link.

REF.	MODEL	HOLE THREAD	ANGLE	PACK
H894A	1 element	60	Normal	300
H894B	2 elements	60	Normal	250
H894C	3 elements	60	Normal	160
H894D	1 element	75	Normal	300
H894E	2 elements	75	Normal	250

SPECIAL MOSQUITO & SCREEN SHUTTER

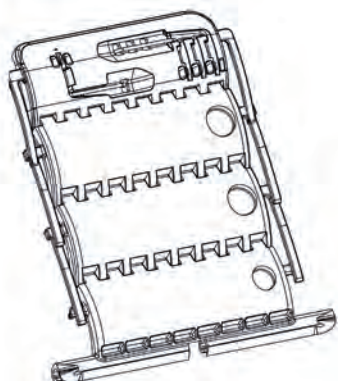
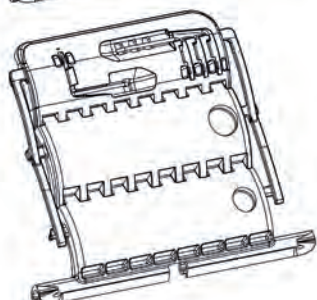
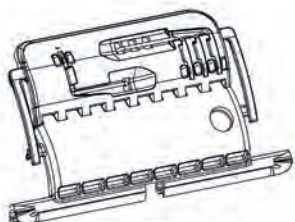
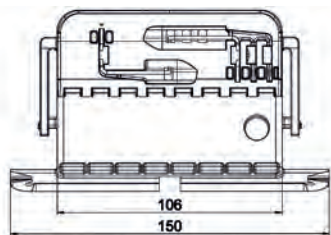
REF.	MODEL	HOLE THREAD	ANGLE	PACK
H894AA	1 element	60	Reduced	300
H894BA	2 elements	60	Reduced	250
H894DA	1 element	75	Reduced	300
H894EA	2 elements	75	Reduced	250



CLICKOCT AUTOLOCK

H875DC

TUBE
OCTA



Features

Element : PA + 30 % fiberglass black tainted.
 Wire : steel.

Use

To be used with gearbox or motor (see Technical datas).

Fastened on tube with steel yarn in holes 5 x 8 in pitches 58, 67,5 or 75.

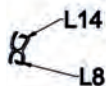
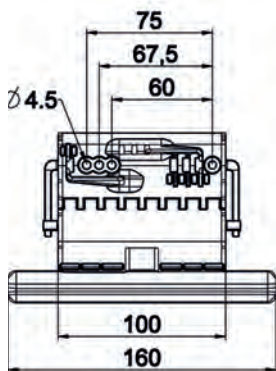
REF.	VERSION	MODEL	PACK
H875DC	for 8 mm slat	1 element	225
H875EC	for 8 mm slat	2 elements	200
H875FC	for 8 mm slat	3 elements	125
H876DC	for 14 mm slat	1 element	200
H876EC	for 14 mm slat	2 elements	200
H876FC	for 14 mm slat	3 elements	125



OCTACLICK AUTOLOCK

H890A

TUBE
OCTA

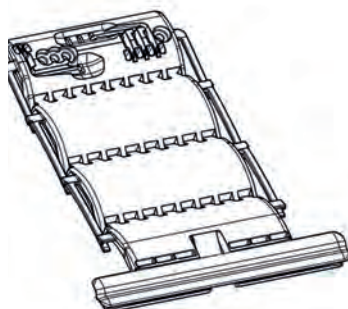
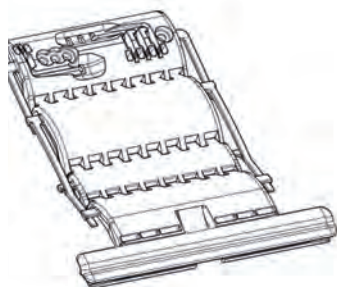
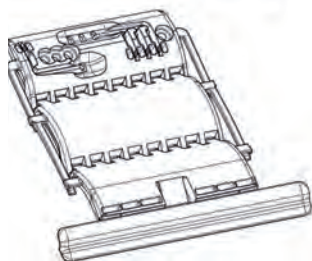


Features

Element : PA + 30 % fiberglass black tainted.
 Link: PA + 30 % fiberglass grey tainted..
 Wire : steel.

Use

Links the shutter to the tube.
 Mounted on 8 or 14 mm links : fixing slat is reversible.
 Locks the shutter when closed with gearboxes and motors in certain conditions.
 Locked with :
 - 2 fixing yarns in holes 5 x 8 in pitches 60, 67,5 or 75.
 - pop rivet.



REF.	VERSION	MODEL	HOLE THREAD	PACK
H890A	with attache in position 1	1 element	60	200
H890B	with attache in position 1	1,5 elements	60	150
H890C	with attache in position 1	2 elements	60	150
H890D	with attache in position 1	2,5 elements	60	125
H890E	with attache in position 1	3 elements	60	100
H890AC	with attache in position 2	1 element	67,5	200
H890CC	with attache in position 2	2 elements	67,5	150
H890AB	with attache in position 3	1 element	75	200
H890CB	with attache in position 3	2 elements	75	150

FIXING YARN FOR OCTAGONAL TUBE

H890A2

TUBE
OCTA

Features

XC 70 Spring steel - Benzinal coated

Use

For fixing the locks on octagonal tubes with holes 5x8.

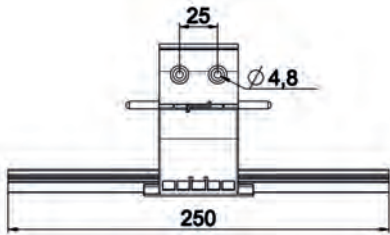


REF.	PACK
H890A2	3000



BLOCSUR AUTOLOCK

H856

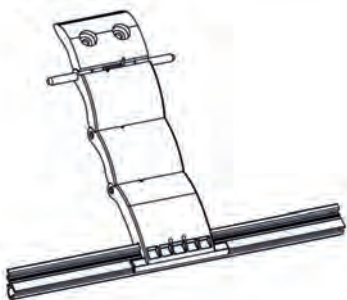
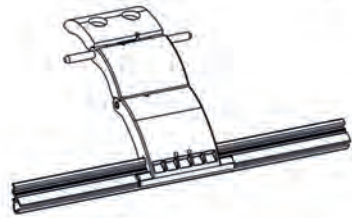


Features

Element : PA + fiberglass black
 Hanging Profil : Aluminium.
 Pin : Aluminium.
 Spring : Stainless steel.
 Delivered with protection Ref. H804AA.

Use

Assure the link between then the shutter an the tube to lock the shutter in the closed position.
 Link between the tube with the use of the rings.
 Operating conditions : refer to the instructions.
 maximum shutter weight : 15 kg per autolock.



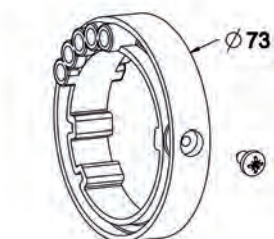
REF.	VERSION	MODEL	PACK
H856	for 14 mm slat	1 element	100
H855	for 8 mm slat	1 element	100
H818	for 14 mm slat	2 elements	100
H844	for 8 mm slat	2 elements	100
H819	for 14 mm slat	3 elements	75
H845	for 8 mm slat	3 elements	75
H820	for 14 mm slat	4 elements	50
H846	for 8 mm slat	4 elements	50



BLOCKSUR RING FOR ZF 54

H865

ZF54



Features

PP

Use

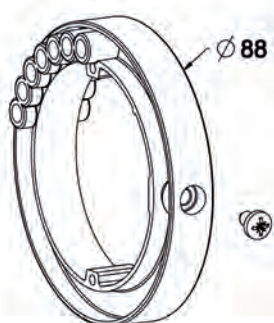
2 rings are needed for one autolock.

REF.	PACK
H865	500

BLOCKSUR RING FOR ZF 64

H821

ZF64



Features

PP

Use

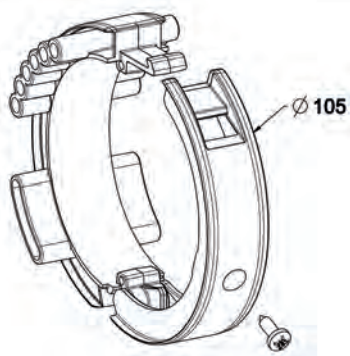
2 rings are needed for one autolock.

REF.	PACK
H821	300

BLOCKSUR RING FOR ZF 80

H895AA

ZF80



Features

PP

Use

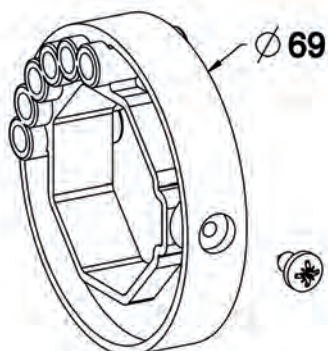
2 rings are needed for one autolock.

REF.	PACK
H895AA	100

BLOCKSUR RING FOR 40 MM OCTAGONAL TUBE

H833

OCTA
40



Features

PP

Use

2 rings are needed for one autolock.

REF.	PACK
H833	500



BLOCKSUR RING FOR 50 MM OCTAGONAL TUBE

OCTA
50

H833B



Features

PP

Use

2 rings are needed for one autolock.

REF.	PACK
H833B	250

BLOCKSUR RING FOR 60 MM OCTAGONAL TUBE

OCTA
60

H823



Features

PP

Use

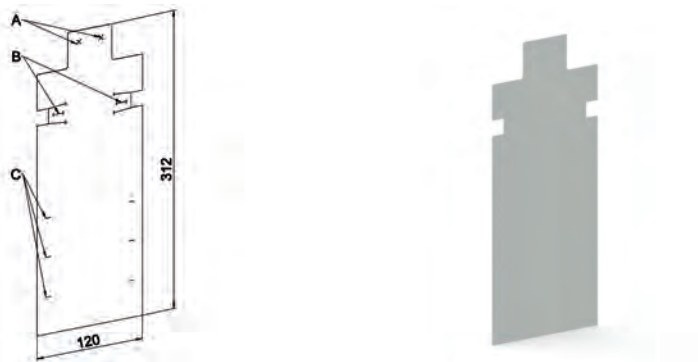
2 rings are needed for one autolock.

REF.	PACK
H823	300

PROTECTION FOR BLOCKSUR

TUBE
ZF TUBE
OCTA

H804AA



Features

PP extruded white.

Use

To be mounted on the locks to protect the slats of the roller shutter.

Fixation on the lock :

- directly on the lock : cut opening REP B
- Or fixation on the tube with rivets Ref. 4733 : cut opening REP A.

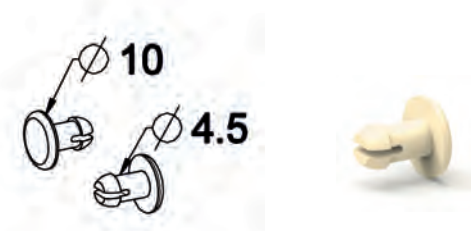
Compatible with all the blocsur autolocks.

REF.	PACK
H804AA	500

RIVET FOR PROTECTION REF/H804AA/AB

TUBE
ZF TUBE
OCTA

4733



Features

PA Tainted natural

Use

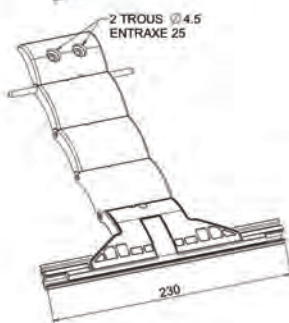
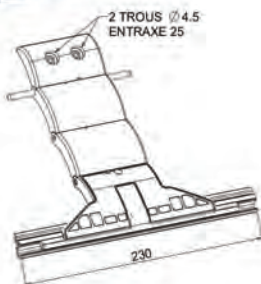
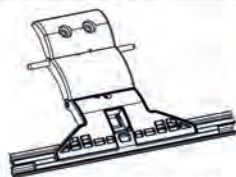
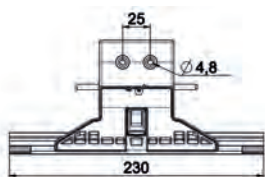
For fastening of the protection :
H804AA on the tube fixing for Blocksur autolocks
H804AB and for the garage doors blocksur.

REF.	PACK
4733	1000



GARAGE DOOR BLOCKSUR AUTOLOCK

H895A



Features

Element : PA + 30 % fiberglass black tainted.
Hanging Profil : aluminium .
Pin : Brass.
Spring : stainless steel.
Delivered with protection H804AB.

Use

The profil is removable. Maximum weight: 30 kg.

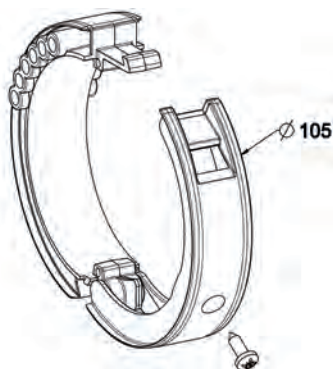
REF.	VERSION	PACK
H895A	1 element	100
H895B	2 elements	75
H895C	3 elements	50
H895D	4 elements	50
H895G	3 elements	50

Without protection H804AB :

REF.	VERSION	PACK
H895BB	2 elements	75
H895CB	3 elements	50

RING FOR GARAGE DOOR AUTOLOCK ZF 80

H895AB



Features

PP black tainted

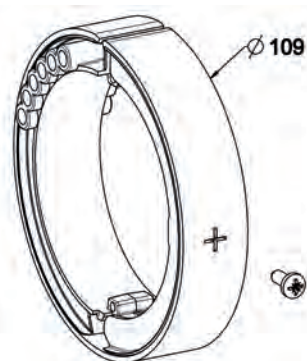
Use

This 2 parts ring is delivered assembled and closed : open for the implementation on the tube only with a simple clic.
Delivered with a screw TC Ø 4,2 x 13 Réf. 4205 to fix the ring on the tube. Can only be used with Blocksur autolocks for garage doors H895A-B-C-D.

REF.	PACK
H895AB	100

RING FOR GARAGE DOOR AUTOLOCK ZF 80 + STRIP

H895AD



Features

PP black tainted

Use

This 2 parts ring is delivered assembled and closed : open for the implementation on the tube only with a simple clic. Delivered with a screw Ø 4,2 x 13 Réf. 4205 to fix the ring on the tube. Can be used with Blocksur autolocks for garage.

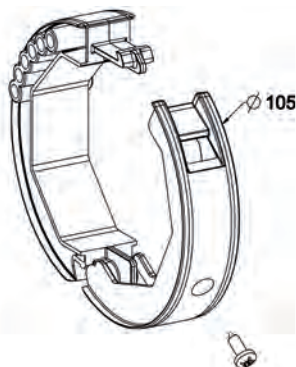
REF.	PACK
H895AD	100



RING FOR GARAGE DOOR AUTOLOCK OCTAGONAL 70

OCTA
70

H895AC



Features

PP black tainted and PA black tainted.

Use

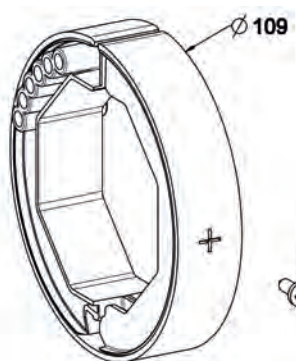
This 2 parts ring is delivered assembled and closed : open for the implementation on the tube only with a simple clic. Delivered with a screw Ø 4,2 x 13 Réf. 4205 to fix the ring on the tube. Can be used with Blocksur autolocks for garage doors and standard blocksur autolocks.

REF.	PACK
H895AC	100

RING FOR GARAGE DOOR AUTOLOCK OCTAGONAL 70 + STRIP

OCTA
70

H895AE



Features

PP black tainted and PA black tainted.

Use

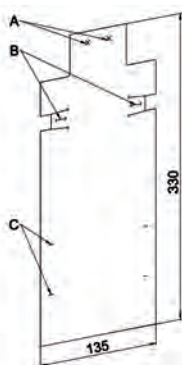
This 2 parts ring is delivered assembled and closed : open for the implementation on the tube only with a simple clic. Delivered with a screw Ø 4,2 x 13 Réf. 4205 to fix the ring on the tube. Can be used with Blocksur autolocks for garage doors and standard blocksur autolocks.

REF.	PACK
H895AE	100

PROTECTION FOR GARAGE DOOR BLOCSUR LOCK

TUBE
ZF TUBE
OCTA

H804AB



Features

PP extruded white

Use

To be mounted on all the garage doors blocksur autolocks :
- cut the opening in the length like on REP C.
- Or fix the element on the tube with rivets. Ref. 4733 : cut opening REP A.
Compatible with all the blocksur autolocks. If necessary adjust the length REP C.

REF.	PACK
H804AB	500

RIVET FOR PROTECTION REF/H804AA/AB

TUBE
ZF TUBE
OCTA

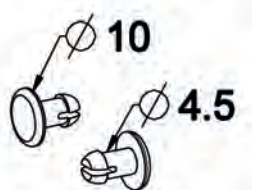
4733

Features

PA Tainted natural

Use

For fastening of the protection :
H804AA on the tube fixing for Blocksur autolocks
H804AB and for the garage doors blocksur.

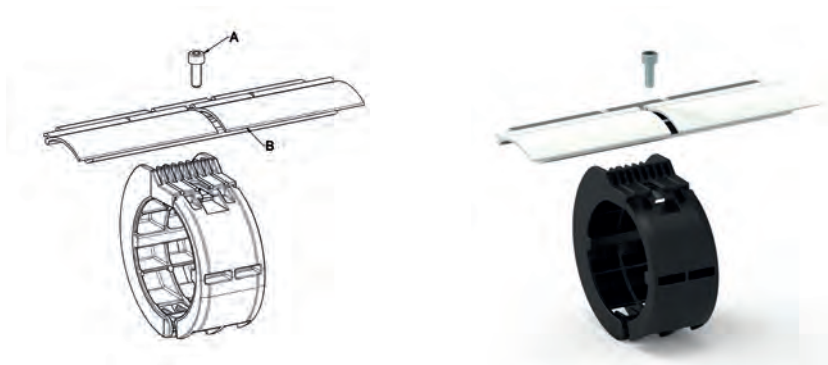


REF.	PACK
4733	1000



HEAVY ROLLER SHUTTER LINK ZF 64

H896C



ZF64

Features

2 half rings : PA Back.
Profil : aluminium filé.
Protection : PVC.
Nute plate : Steel galvanized .
Screw Typ CHC M5 x 14.

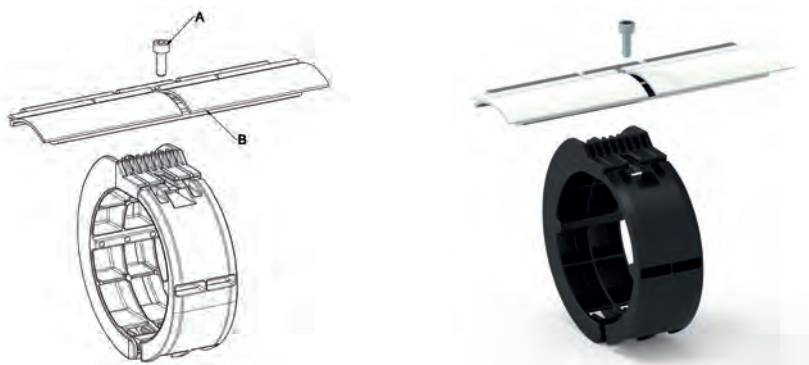
Use

Link the shutter and the tube : the 2 half rings been clipped on the tube (delivered assembled).
The fixing profile with its protection is slided in the first slat and hanged on the ring. : use a screw CHC to maintain it.
The screw $\varnothing 4$ has to be necessarily mounted on the ring for a perfect immobilization.
Maximum weight of the shutter per autolock : 30 kg.

REF.	PACK
H896C	50

HEAVY ROLLER SHUTTER LINK ZF 80

H896A



ZF80

Features

2 half rings : PA Back.
Profil : aluminium filé.
Protection : PVC.
Nute plate : Steel galvanized .
Screw Typ CHC M5 x 14.

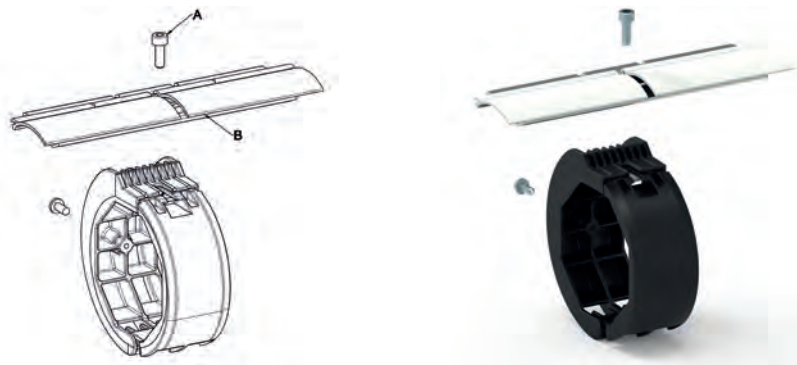
Use

Link the shutter and the tube : the 2 half rings been clipped on the tube (delivered assembled).
The fixing profile with its protection is slided in the first slat and hanged on the ring. : use a screw CHC to maintain it.
The screw $\varnothing 4$ has to be necessarily mounted on the ring for a perfect immobilization.
Maximum weight of the shutter per autolock : 30 kg.

REF.	PACK
H896A	50

HEAVY ROLLER SHUTTER LINK OCTA 70 MM TUBE

H896B



OCTA 70

Features

2 half rings : PA Back.
Profil : aluminium filé.
Protection : PVC.
Nute plate : Steel galvanized .
Screw Typ CHC M5 x 14.

Use

Link the shutter and the tube : the 2 half rings been clipped on the tube (delivered assembled).
The fixing profile with its protection is slided in the first slat and hanged on the ring. : use a screw CHC to maintain it.
The screw $\varnothing 4$ has to be necessarily mounted on the ring for a perfect immobilization.
Maximum weight of the shutter per autolock : 30 kg.

REF.	PACK
H896B	50



CONDITIONS OF USE AUTOLOCKS II TYPE H892 ETC.

1) LIFTING CAPACITY

Maximum shutter weight for each lock: 7 kg

2) DETERMINATION OF THE NUMBER OF LOCKS

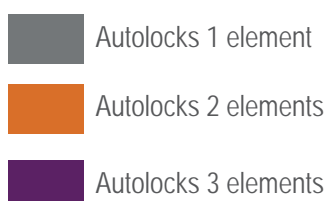
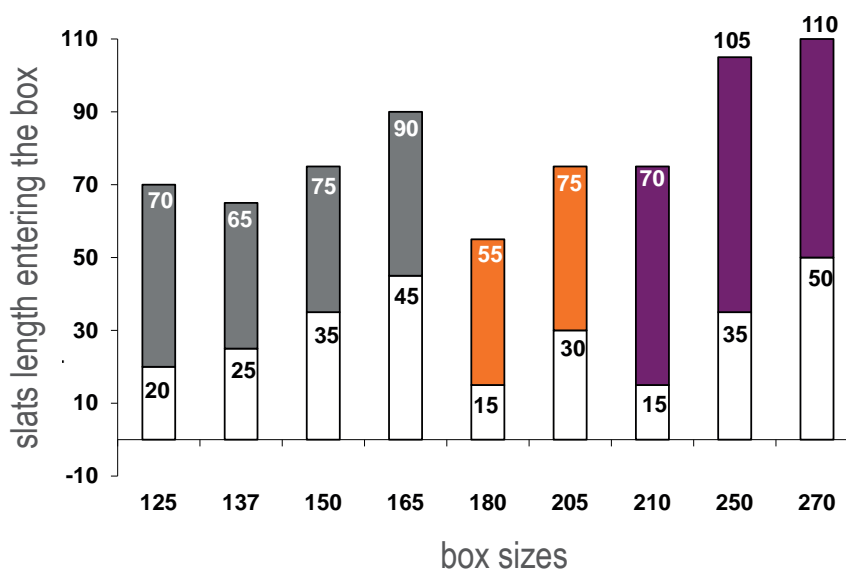
- One lock at each end, put at 200 mm of the guide rail.
- One lock every 80 cm

Note: With some small PVC slats, follow instructions below.

SHUTTER WIDTH	NUMBER OF LOCKS
0 --> 1400	2
1410 --> 2350	3
2360 --> 3300	4

SHUTTER WIDTH	NUMBER OF LOCKS
0 --> 1200	2
1210 --> 1700	3
1710 --> 2500	4

3) DETERMINATION OF APPROPRIATE MODEL



Note: The minimum of shutter height in the box is around 15 mm (minimum height for the locks in order to make them non-visible)



CONDITIONS OF USE AUTOLOCKS II TYPE H892 ETC.

4) CONDITIONS OF USE WITH GEARBOX

Note: these conditions are given for a shutter equipped with mini: 2 locks

A) WITH TRAVEL LIMIT SYSTEM GEARBOX

Guaranteed for 10 000 cycles with all types of gearboxes: For models with 1, 2 and 3 elements.
Condition: the operation is blocked with the gearbox travel limit, when the shutter is in low position.

MOUNTING WITH MINIMUM 2 LOCKS

B) WITH GEARBOX WITH INTEGRATED CLUTCH SYSTEM

Guaranteed on 10 000 cycles with clutch moment of the gearbox of 10 Nm maxi: For models with 1, 2 and 3 elements

MOUNTING WITH MINIMUM 2 LOCKS

C) WITH GEARBOX WITHOUT TRAVEL LIMIT SYSTEM AND WITHOUT INTEGRATED CLUTCH SYSTEM

5) CONDITIONS OF USE WITH MOTOR

A) WITH MOTOR WITH TRAVEL LIMIT SYSTEM : CLUTCH MOMENT 8Nm MAXIMUM

Without any restriction of use

Guaranteed on 10 000 cycles: for models with 1, 2 or 3 elements

Note: The motor torque in adjusting step must not be over

- 15 Nm for models with 1 and 2 elements
- 10 Nm for models with 3 elements

B) WITH STANDARD MOTOR : MANUAL SETTING OF THE TRAVEL LIMIT

If the setting is correct : without any restriction

Respect the weight conditions for each lock according to the shutter width

MAXI torque value on locking in case of unsetting in low travel limit or in case of abstruction under endslat:

	Models with 1 or 2 elements	Models with 3 elements	Number of locks
Standstill torque maxi	15	10	2
Standstill torque maxi	18	12	3
Standstill torque maxi	22	15	4

6) RESISTANCE TO HOUSE BREAK IN

A) FOR MODELS WITH 1 OR 2 ELEMENTS

These locks have been tested according to requirements of the European norm NF-EN-13659: this for a shutter equipped with 2 locks minimum and all types of operations

B) FOR MODELS WITH 3 ELEMENTS

This characteristic is linked with other elements from the shutter (slat-curtain): it must be validated in each case.



CONDITIONS OF USE LOCKS CLICKSUR TYPE H875

1) LIFTING CAPACITY

Maximum shutter weight for each autolock: 7 kg

2) DETERMINATION OF THE NUMBER OF LOCK

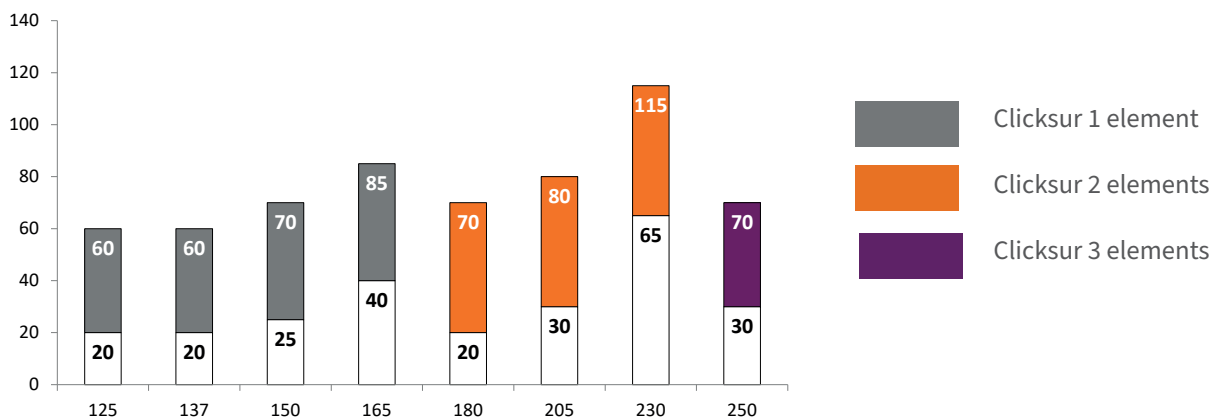
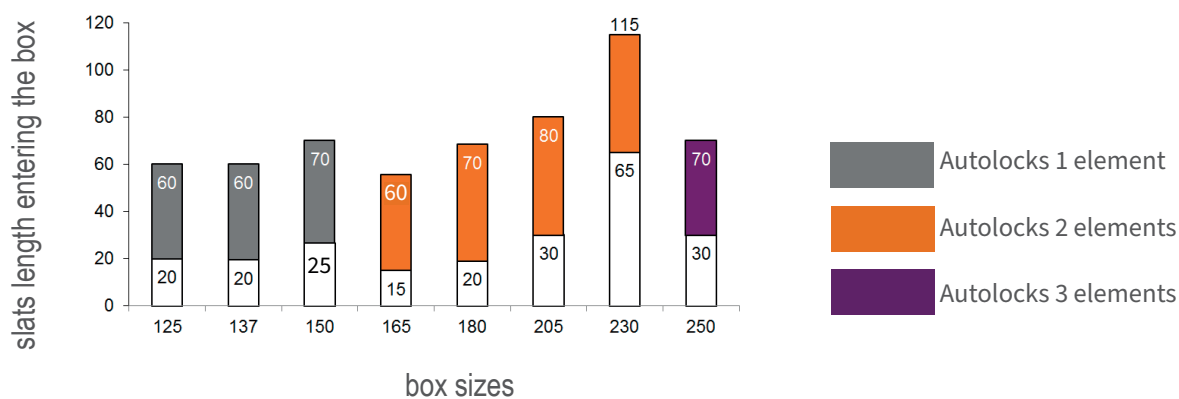
- One lock at each end, put at 200 away from the guides.
- One lock every 80 cm.

SHUTTER WIDTH	NUMBER OF AUTOLOCK
0 to 1400	2
1410 to 2350	3
2360 to 3300	4

3) DETERMINATION OF THE APPROPRIATE MODEL

Two possibilities, depending on the application :

Clicksur operating range





CONDITIONS OF USE LOCKS CLICKSUR TYPE H875



4) CONDITIONS OF USE WITH GEARBOX

A) WITH GEARBOX WITH TRAVEL LIMIT SYSTEM

Guaranteed for 10 000 cycles: for models with 1, 2 and 3 elements.

Condition: the operation is blocked with the gearbox travel limit, when the shutter is in low position

MOUNTING WITH 2 LOCKS MINIMUM

B) WITH GEARBOX WITH INTEGRATED CLUTCH SYSTEM WITHOUT TRAVEL LIMIT SYSTEM

Guaranteed on 10 000 cycles with clutch moment of the gearbox of 12 Nm maxi: For models with 1, 2 and 3 elements

MOUNTING WITH 2 LOCKS MINIMUM.

C) WITH GEARBOX WITHOUT INTEGRATED CLUTCH SYSTEM WITHOUT TRAVEL LIMIT SYSTEM

Note: This is the autolock that blocks: automatic locking system

DEFINED ASSEMBLY ACCORDING TO GEARBOX WITH 1 OR 2 ELEMENTS :

- Gearbox capacity < 12 Nm : 2 locks minimum
- Gearbox capacity >12 à 15 Nm : 3 locks minimum
- Gearbox capacity > 15 à 18 Nm : 4 locks minimum
- Gearbox capacity > 18 Nm : LOCKS NON COMPATIBLE

ASSEMBLY WITH MODELS WITH 3 ELEMENTS: NOT POSSIBLE

5) CONDITIONS OF USE WITH GEARBOX WITH CHAIN ZF

- Models with 1 or 2 elements: Use without any complexity
- Models with 3 elements : NON COMPATIBLE

6) CONDITIONS OF USE WITH MOTOR

I - FOR MODELS WITH 1 OR 2 ELEMENTS

A) WITH AUTOMATIC MOTOR

Guaranteed on 10 000 cycles with following conditions:

STANDSTILL TORQUE LOW	SETTING TORQUE LOW	NUMBER OF LOCK MINIM
≤ 12 Nm	30 Nm	2
≤ 16 Nm	36 Nm	3
≤ 21 Nm	42 Nm	4

B) WITH STANDARD MOTOR : MANUAL SETTING OF THE TRAVEL LIMIT

If the setting of the travel limit LOW is correct, (setting of the openings without any excessive pressure): no special restriction

- Standstill torque MAXI: 30 Nm for 2 locks minimum
- Standstill torque MAXI: 36 Nm for 3 locks minimum
- Standstill torque MAXI: 42 Nm for 4 locks minimum



 **CONDITIONS OF USE LOCKS CLICKSUR TYPE H875**



II - FOR MODELS WITH 3 ELEMENTS


A) WITH MOTOR WITHOUT AUTOMATIC TRAVEL LIMIT ON OBSTACLE

Guaranteed on 10 000 cycles with following conditions :

STANDSTILL TORQUE LOW	SETTING TORQUE LOW	NUMBER OF LOCK MINIMUM
≤ 12 Nm	30 Nm	3
≤ 16 Nm	36 Nm	4
≤ 21 Nm	42 Nm	5

B) WITH STANDARD MOTOR : (WITHOUT TRAVEL LIMIT SYSTEM)

7) RESISTANCE TO BREAK IN : FOR MODELS 1, 2 AND 3 ELEMENTS

 These Clicksur autolocks have been tested according to requirements of the European standard NF-EN-13659: this for a shutter equipped with 2 Clicksur autolocks minimum and all types of operations.



CONDITIONS OF USE OCTOCLICK TYPE H890

1) LIFTING CAPACITY

Maximum shutter weight for each Octoclick autolock: 7kg

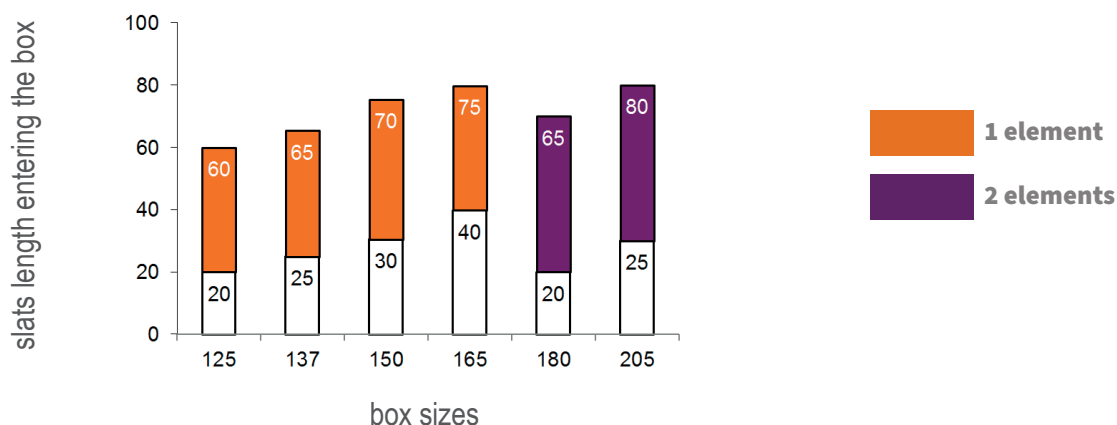
2) DETERMINATION OF THE NUMBER OF LOCKS

- One lock at each end, put as narrow as possible of the guide rail.
- One lock every 80 cm.

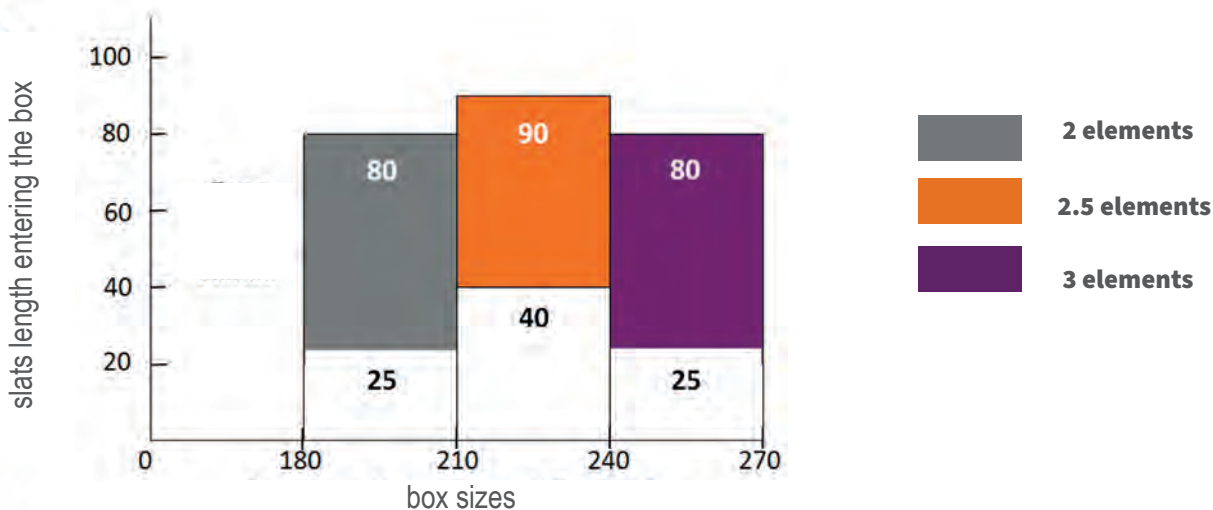
SHUTTER WIDTH	NUMBER OF AUTOLOCKS
0 to 1400	2
1410 to 2350	3
2360 > 3300	4

3) DETERMINATION OF THE MODEL

A) FOR ALUMINIUM BOXES



B) IN BUILT-IN BOX TYPE TUNNEL BOX





DIRECTION OF USE OCTOCLICK TYPE H890



4) CONDITIONS of use with gearbowx

Notice: with tube thickness 0.6 mm

A) WITH GEARBOX WITH TRAVEL LIMIT SYSTEM : MOUNTING OF 2 LOCKS MINIMUM

- Guaranteed on 14.000 cycles with all type of gearboxes and for every model
- Condition: the operation is locked with the gearbox travel limit when the shutter is in low position .

B) WITH GEARBOX WITH INTEGRATED CLUTCH SYSTEM : MOUNTING OF 2 LOCKS MINIMUM

Guaranteed on 14.000 cycles with clutch moment of the gearbox MAXI of:

- 8 Nm for models from 1 to 2, 5 elements
- 5 Nm for models with 3 elements

C) WITH GEARBOX WITHOUT TRAVEL LIMIT SYSTEM AND WITHOUT INTEGRATED CLUTCH SYSTEM

Note: This is the lock that blocks: automatic locking system.

* DEFINED ASSEMBLY ACCORDING TO GEARBOX WITH 1 OR 2 ELEMENTS

- Gearbox capacity < 12 Nm : 2 locks minimum
- Gearbox capacity >12 à 15 Nm : 3 locks minimum
- Gearbox capacity > 15 à 18 Nm : 4 locks minimum
- Gearbox capacity > 18 Nm : LOCKS NON COMPATIBLE

* MOUNTING FOR MODELS WITH 2.5 AND 3 ELEMENTS: NOT POSSIBLE

5) CONDITIONS OF USE WITH MOTOR (WITH TUBE THICKNESS MINIMUM 0.6 mm)

I – FOR MODELS WITH 1 OR 2 ELEMENTS

A) WITH MOTOR WITHOUT TRAVEL LIMIT SYSTEM WITH AUTOMATIC STOP WHEN OBSTRUCTION

Guaranteed on 14.000 cycles regarding the following conditions :

STANDSTILL TORQUE LOW	SETTING TORQUE LOW	NUMBER OF LOCK MINIMUM
≤ 10 Nm	25 Nm	2
≤ 16 Nm	30 Nm	3
≤ 21 Nm	35 Nm	4

B) WITH STANDARD MOTOR : MANUAL SETTING OF THE TRAVEL LIMIT SYSTEM

If the setting of the travel limit LOW is correct, (setting of the openings without any excessive pressure): no special restriction.

Respect the weight conditions for each lock according to the shutter width

MAXI torque value on locking in case of unsetting in LOW travel limit:

- Standstill torque MAXI: 25 Nm for 2 locks minimum
- Standstill torque MAXI: 30 Nm for 3 locks minimum
- Standstill torque MAXI: 35 Nm for 4 locks minimum



 **DIRECTION OF USE OCTOCLICK TYPE H890**



II – FOR MODELS WITH FROM 2, 5 TO 3 ELEMENTS

A) WITH MOTOR WITHOUT AUTOMATIC TRAVEL LIMIT ON OBSTACLE

Guaranteed on 14.000 cycles regarding the following conditions.

STANDSTIL TORQUE LOW	SETTING TORQUE LOW	NUMBER OF LOCK MINIMUM
≤ 10 Nm	25 Nm	3
≤ 16 Nm	30 Nm	4
≤ 21 Nm	35 Nm	5

6) RESISTANCE TO BREAK IN

These Clicksur autolocks have been tested according to requirements of the European standard NF-EN-13659: this for a shutter equipped with 2 Clicksur autolocks minimum and all types of operations.





CONDITIONS OF USE FOR LOCKS WITH RINGS TYPE H891

1) LIFTING CAPACITY

Maximum shutter weight for each lock: 7 kg.

2) DETERMINATION OF THE NUMBER OF LOCKS

- One lock at each end, put at 200 mm from the guide rail
- One lock every 80 cm

REPARTITION CHARTS

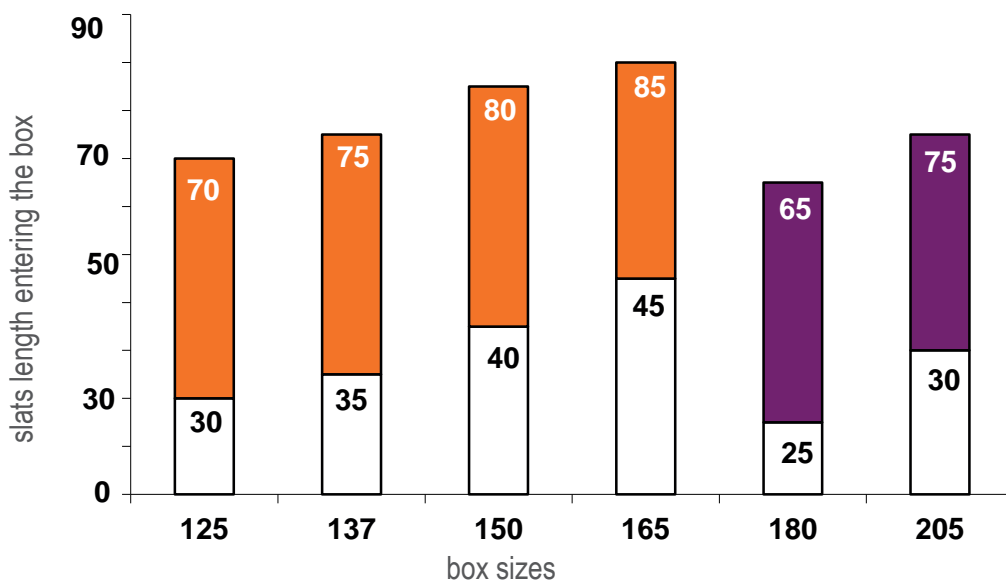
Note: With some small PVC slats, we advise you to respect the following repartition :



SHUTTER WIDTH	NUMBER OF LOCKS
0 to 1400	2
1410 to 2350	3
2360 > 3300	4

SHUTTER WIDTH	NUMBER OF LOCKS
0 --> 1200	2
1210 --> 1700	3
1710 --> 2500	4

3) DETERMINATION OF THE APPROPRIATE MODEL

A) FOR 40 mm OCTOGONAL TUBE

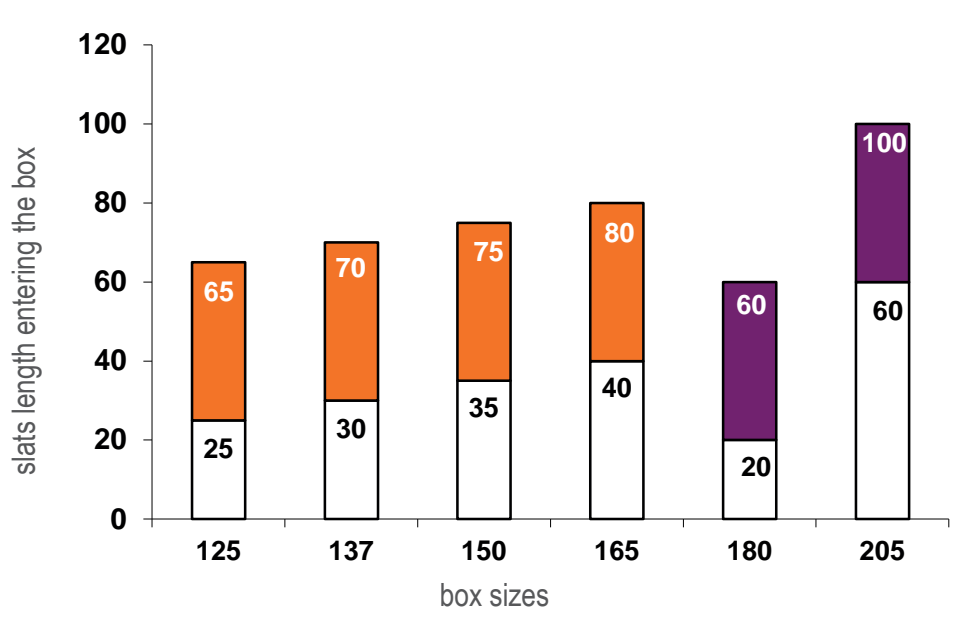


-  Autolock with ring 1 element
-  Autolocks with ring 2 elements



CONDITIONS OF USE FOR LOCKS WITH RINGS TYPE H891

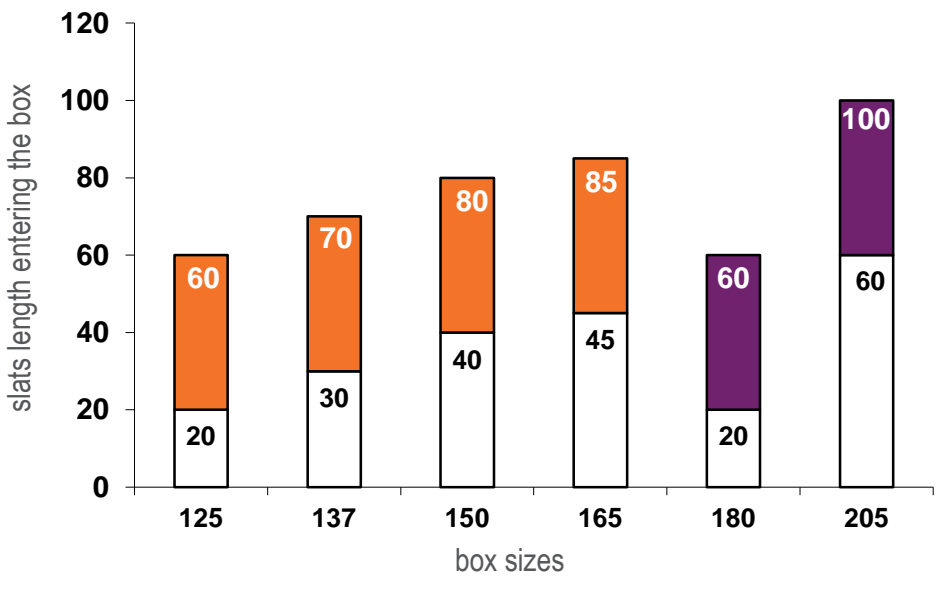
B) FOR 60 mm OTCOGONAL TUBE



- Autolock with ring 1 element
- Autolocks with ring 2 elements

Note: The minimum of shutter length in the box is of approx. 20 mm (minimum height for the locks not to be visible from outside).

C) FOR 60 mm OCTOGONAL TUBE



- Autolock with ring 1 element
- Autolocks with ring 2 elements



CONDITIONS OF USE FOR LOCKS WITH RINGS TYPE H891

4) CONDITIONS OF USE WITH GEARBOX

Note: these conditions are given for a shutter equipped with minimum: 2 locks.

A) WITH GEARBOX WITH TRAVEL LIMIT SYSTEM

Guaranteed for 10 000 cycles with all types of gearboxes: for all models and 40, 50 or 60 mm octogonal tubes.

Condition: the operation is blocked with the gearbox travel limit, when the shutter is in the low position

B) WITH GEARBOX WITH INTEGRATED CLUTCH SYSTEM

Guaranteed on 10 000 cycles with clutch moment of the gearbox of 12 Nm maxi: for model 1 element with 40, 50 or 60 mm octogonal tubes

C) WITH GEARBOX WITHOUT TRAVEL LIMIT SYSTEM AND WITHOUT INTEGRATED CLUTCH SYSTEM

Guaranteed on 10 000 cycles in the following conditions:

- with 40 mm octogonal tube, gearbox torque maxi. : 12 Nm.
- with 50 or 60 mm octogonal tube, gearbox torque. : 12 Nm with 2 locks,
15 Nm with 3 locks,
18 Nm with 4 locks.

5) CONDITIONS OF USE WITH MOTOR

Note: These conditions are given for a shutter equipped with minim. 2 locks.

A) WITH STANDARD MOTOR : MANUAL SETTING OF THE LIMIT

Holding moment :

- Clutch moment : 8 Nm maximum with 40 mm octogonal tubes
- Clutch moment : 10 Nm maximum with 50 and 60 mm octogonal tubes.

No use restriction.

Guaranteed on 10 000 cycles : for models with 1 or 2 elements.

Note : the stop moment when the motor is being set up must not be over :

20 Nm for models 1 or 2 elements.

B) WITH STANDARD MOTOR : MANUAL SETTING OF THE TRAVEL LIMIT

When the travel limit low is correctly setted (no excessive pressure on the slats): no special restriction.

MAXI torque value on locking in case of unsetting in low travel limit or in case of obstruction under endslat:

	OCTO 40 TUBE	OCTO 50 AND 60 TUBE	LOCK NUMBER
Standstill torque MAXI	20 Nm	30 Nm	2
Standstill torque MAXI	28 Nm	36 Nm	3
Standstill torque MAXI	36 Nm	42 Nm	4

6) RESISTANCE TO HOUSE BREAK IN

These locks have been tested according to requirements of the European standard NF-EN-13659: this for a shutter equipped with 2 locks minimum and all types of operations.



⚙️ DIRECTIONS OF USE FOR BLOCKSUR AUTOLOCK

1) AREA OF USE

Blocksur autolock is dedicated to roller garage doors and heavy shutters.

Its principle on linking to the tube with winding ring enables its use with the bigger slats by optimizing the regularity of the winding.

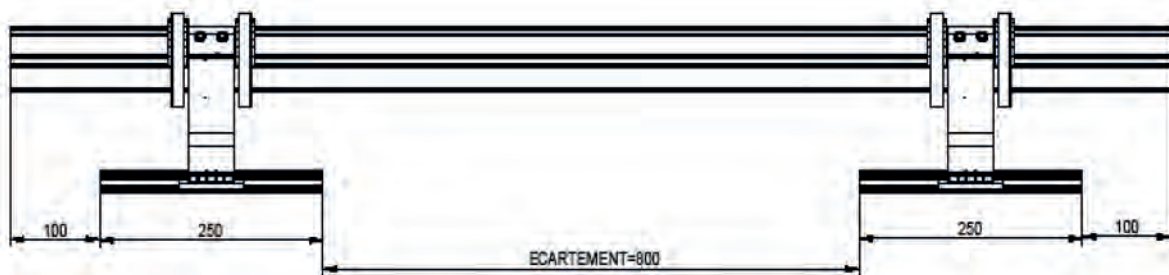
This type of lock greatly meets the requirements of the standard NF P 25501: resistance 10 times higher than standard value. Validation of endurance at 30 000 rounds.

2) PRINCIPLE OF OPERATION OF THE AUTOLOCK

In order to get a complete locking, please refer as below:

- the abutment faces of the links of the auto lock are in contact
- the first slat of the shutter rests against the front of the box on the top of the track

3) CHOICE OF THE BLOCKSUR LOCK



Limit of use :

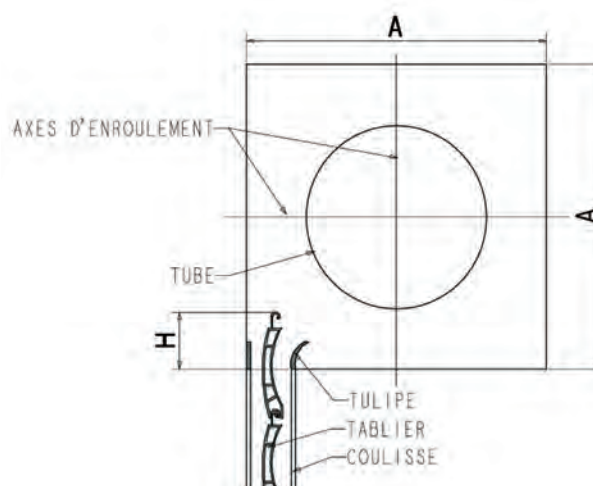
- Maxi. Weight per lock: 15 kg
- Number of locks on width: refer to the picture above.

1 autolock at each side + X intermediate locks every 80 cm. approx.

4) DETERMINATION OF THE MODEL FOR THE BLOCKSUR LOCK + CURTAIN HEIGHT IN THE BOX

A = box section

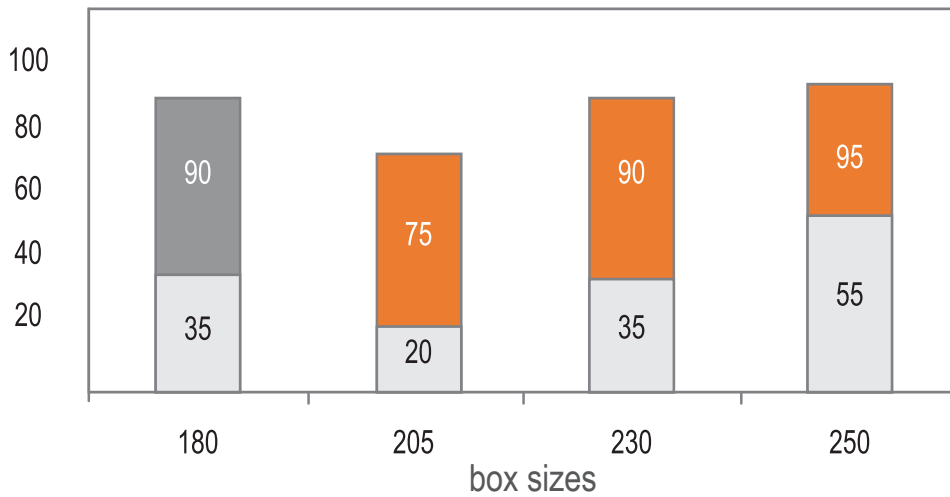
H = curtain height





TECHNICAL DATA FOR TUBE ZF 64 AND OCTO 60

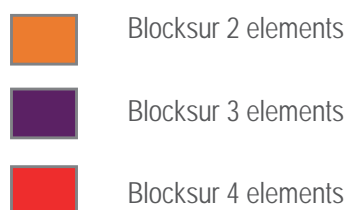
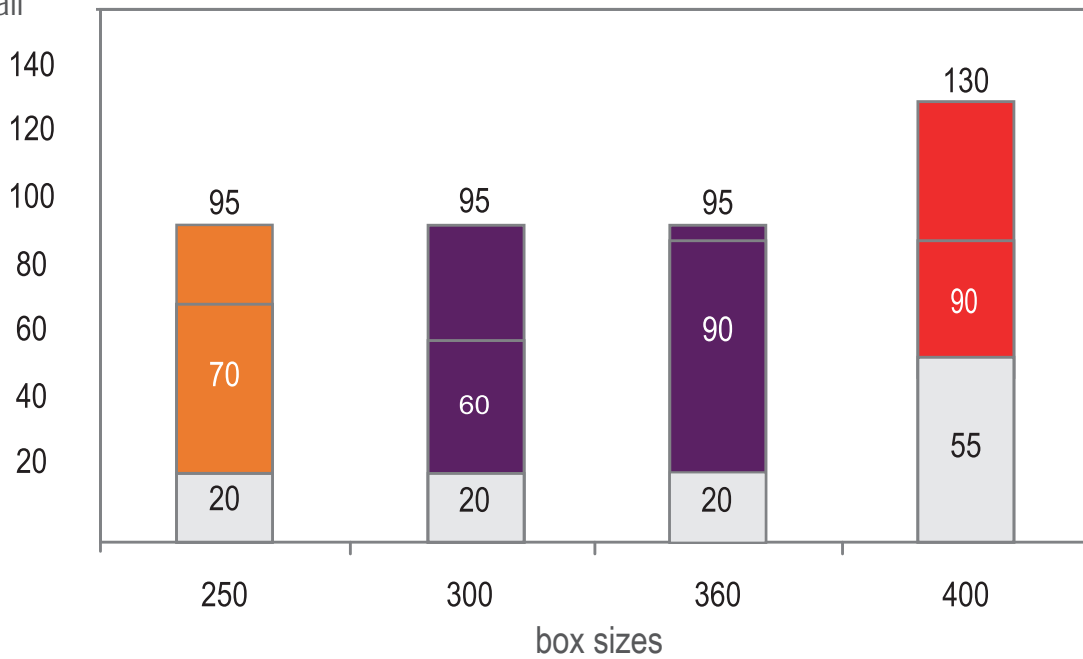
shutter height
above guide
rail



TECHNICAL DATA FOR TUBE ZF 80 AND OCTO 70

Note: The middle limit in the chart below defines the height position for a perfect locking.

shutter height
above guide
rail





CONDITIONS OF USE FOR THE BLOCKSUR GARAGE DOOR - H895 SERIAL

1) USE

Blocksur autolock is dedicated to roller garage doors and heavy shutters.

Its principle on linking to the tube with winding ring enables its use with bigger slats, this can optimize the regularity of the winding.

This type of lock greatly meets the requirements of the standard NF P 25501: resistance 10 times higher than the standard value.

Validation of endurance at 30 000 operations.

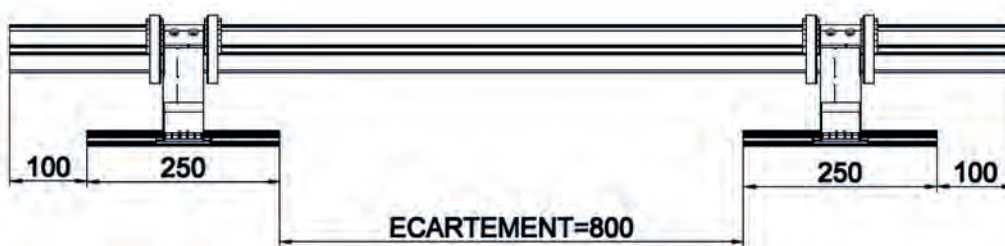
2) PRINCIPLE OF USE

In order to secure the lock, we should following the rules below:

the first slat penetrate into the box at an height defined in the technical data below.

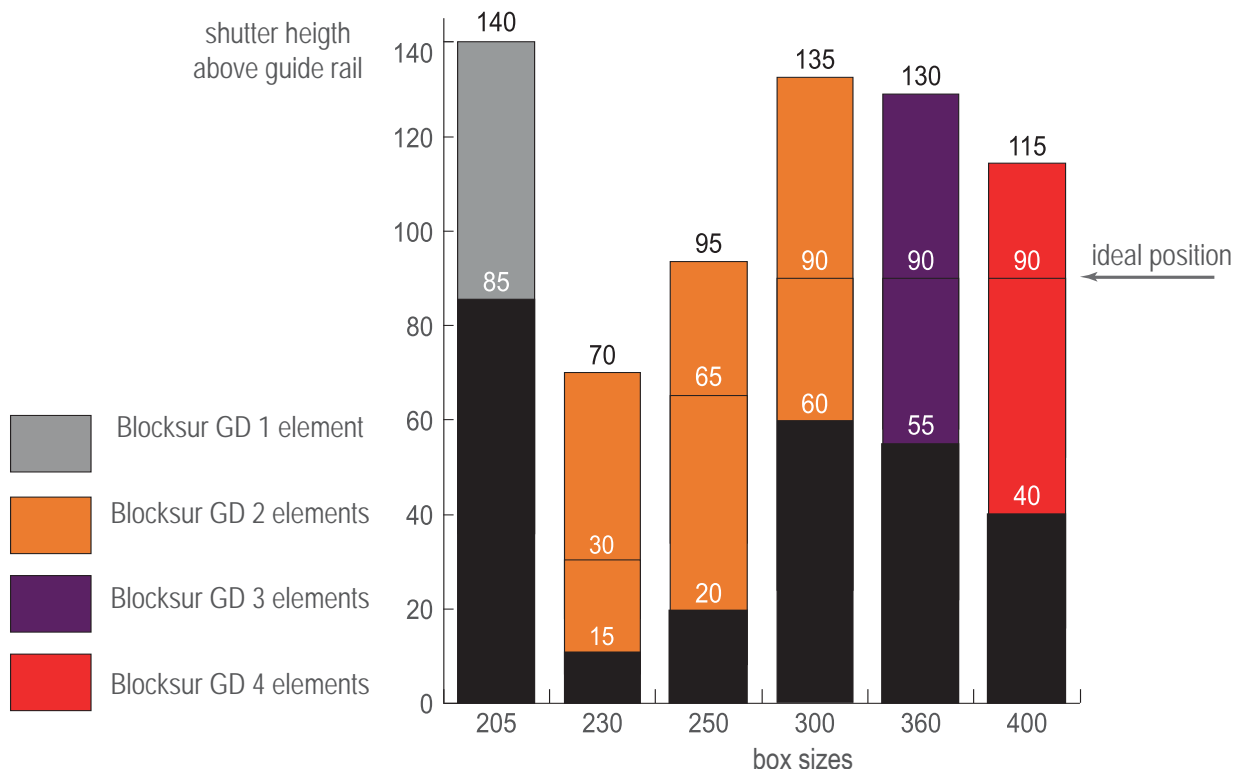
3) DETERMINATION OF THE NUMBER OF AUTOLOCKS REQUIRED BY CURTAIN

Limit of use: - maximal weight per lock: 30 kg – number of lock by width: see the picture below



autolock at each side + X intermediate locks every 80 cms

4) DETERMINATION OF THE MODEL



Note: the intermediate limit which is given in the table above defines the high position for a perfect locking

NOTES

A series of horizontal dotted lines for writing notes.



TRADI BUILT-IN BOX

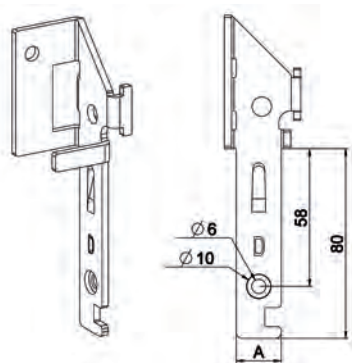
▶ TRADI ZEDEF	178
▶ BUILT-IN BOX TRADI SYSTEM	200
▶ TRADI EXPRESS	244
▶ COMPONENTS FOR BUILT-INBOX HEAVY SHUTTERS	268





TRADI ZEDEF BRACKETS

H354



Features

Galvanized steel thickness 3 mm.

Use

Provides the connection between the guide and the bracket plate.

Holds the entry guide.

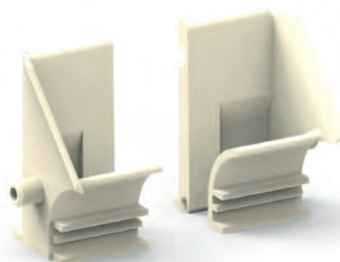
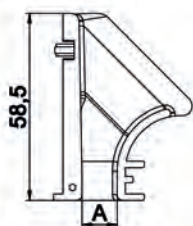
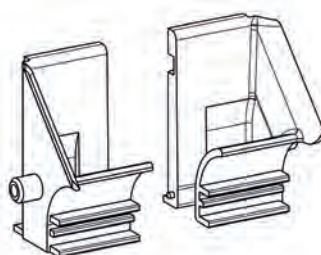
Presents 3 solutions for locking on the slide:

- By wedging with pin
- By screwing
- By punching of the guide

REF.	A	TYPE	PIN	PACK
H354	19	Right	With	150
H355	19	Left	With	150
H354C	15.5	Right	With	150
H355C	15.5	Left	With	150
H354D	19	Right	Without	150
H355D	19	Left	Without	150

TRADI ZF ENTRY GUIDES

H360



Features

POM

Use

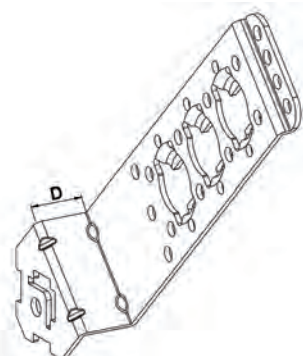
Use only with Ref. H354-H355

- For Tradi Zedef concept.
 - For independent installation mouting.
- Locks the plate / bracket
Enables the use of hidden stopper.

RÉF.	TYPE	A	COLOR	PACK.
H360	Pair 8mm slat	11	Natural	250
H360C1	Left 8mm slat	11	NaturalL	500
H360C2	Right 8mm slat	11	Natural	500
H361	Pair 14mm slat	16	Beige	250
H361C1	Left 14mm slat	16	Beige	500
H361C2	Right 14mm slat	16	Beige	500

TRADI ZEDEF BRACKET

B740



Features

Galvanized steel thickness 2.5 mm.

Use

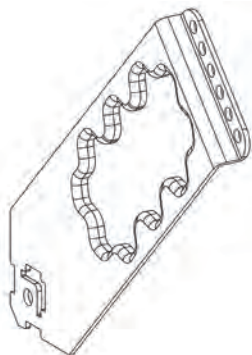
Opposite side of handling.

REF.	D	PACK.
B742	0	50
B740	25	50
B744	50	50
B741	74	50



TRADI ZEDEF BRACKET

B743



Features

Galvanized steel thickness 2.5 mm.

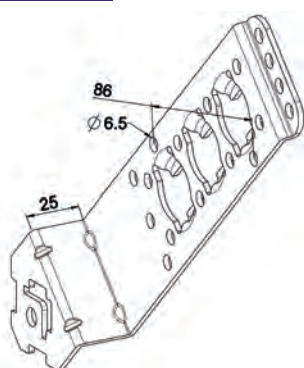
Use

Opposite side of handling.

REF.	PACK.
B743	50

TRADI ZEDEF BRACKET AND OPPOSIT SIDE

B740C



Features

Galvanized steel thickness 2.5 mm.

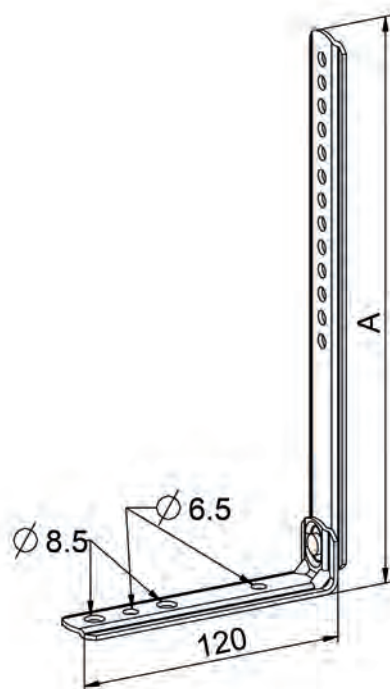
Use

Allows direct attachment of the Somfy CSI head motor only in the middle position.

REF.	PACK.
B740C	50

REINFORCEMENT BRACKET OFFSET 120 MM

B202



Features

Galvanized steel thickness 2 mm.

Very stiff parts.

Use

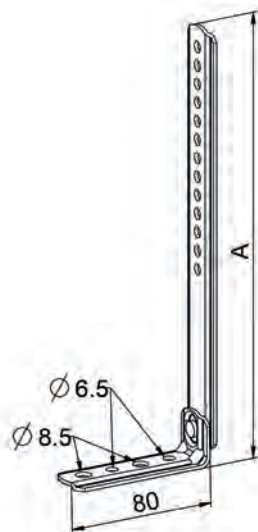
Additional reinforcement.

REF.	DIM.A	DIM.B
B202	240	120
B203	200	120



REINFORCEMENT BRACKET OFFSET 80 MM

B204



Features

Galvanized steel thickness 2 mm.
Very stiff parts.

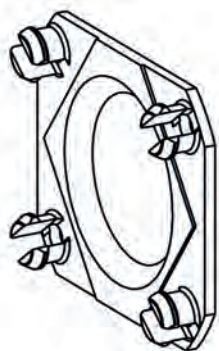
Use

Additional reinforcement.

RÉF.	DIM.A	DIM.B
B204	240	80
B205	200	80

BEARING BRACKET

B133



Features

PA

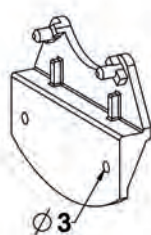
Use

Ensures the maintenance of the bearing or plain bearing on the bracket plate: assembly by clipping.

REF.	PACK.
B133	400

GEARBOX BRACKET

C531



Features

PA

Use

Clamps on the bearing bracket ref. B133 and ensures a 360° orientation.

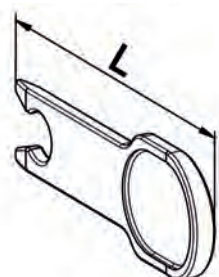
Allows locking of the gearbox and Visfrein in the selected orientation.

Fastened to gearbox by a Ø4 screw : Ref 4203

REF.	PACK.
C531	500

PLATE TRADI EXPRESS WITH BEARING 150 LEFT

A640



Features

PA

Use

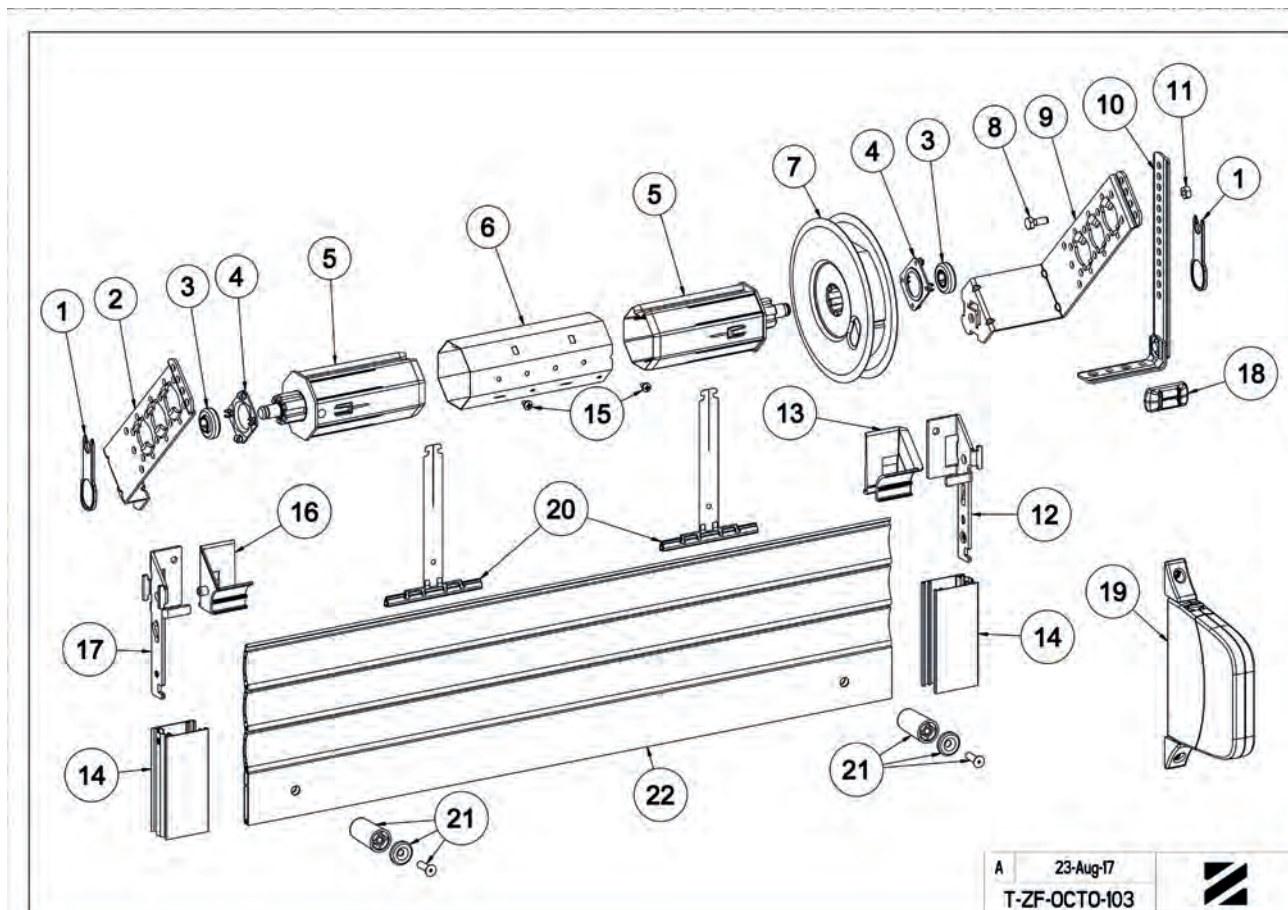
Ensures the translation stop of Ø12 pin caps

REF.	HEIGHT	L	PACK.
A640	Std	70	700
A640A	extended fork	113	500



T-ZF-103 - ASSEMBLY «TRADI ZEDEF» STRAP COILER/BALL BEARING FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	2	A640	BLOCKING BRACKET FORK
2	1	B740	TRADI ZEDEF BRACKET - NO OFFSET
3	2	B132	BALL BEARING DIAMETER 28/12MM. 12 MM TH.
4	2	B133	ROLLER BRACKET 80
5	2	A321A	CAP FOR OCTAGONAL 60 TUBE MALE CLAW COUPLING + 12 MM PIN
6	-	----	60 MM OCTAGONAL TUBE
7	1	G110A	PULLEY WITH CLAW COUPLING 22 MM STRAP - Ø 155
OR	OR	OR	
7	1	G110B	PULLEY WITH CLAW COUPLING 22 MM STRAP - Ø 195
8	1	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
9	1	B741	TRADI BRACKET HANDLING SIDE - OFFSET 50
OR	OR	OR	
9	1	B744	BRACKET CSI MOTOR - OFFSET 25
10	1	B205	REINFORCEMENT GALVANIZED OFFSET 80
11	1	4507	NUT M6
12	1	H354	GALVANIZED BRACKET - RIGHT
13	1	H360C2	TRADI ZF ENTRY GUIDES
OR	OR	OR	
13	1	H361C2	TRADI ZF ENTRY GUIDES
14	-	-	SHUTTER
15	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
16	1	H360C1	TRADI ZF ENTRY GUIDES
OR	OR	OR	
16	1	H361C1	TRADI ZF ENTRY GUIDES
17	1	H355	GALVANIZED BRACKET - LEFT
18	1	G218	STRAP GUIDE HORIZONTAL FIXING WHITE
19	1	G570	COILER OPEN UP WITHOUT STRAP
20	2 MINI	H880B	FIXING SPRING TO CLIP L150 GREY 8 MM SLAT
OR	OR	OR	
20	2MINI	H881B	FIXING SPRING TO CLIP L150 GREY 9,5 MM SLAT
21	2	H138	ROUND STOPPER WITH RING AND SCREW
22	-	-	SHUTTER



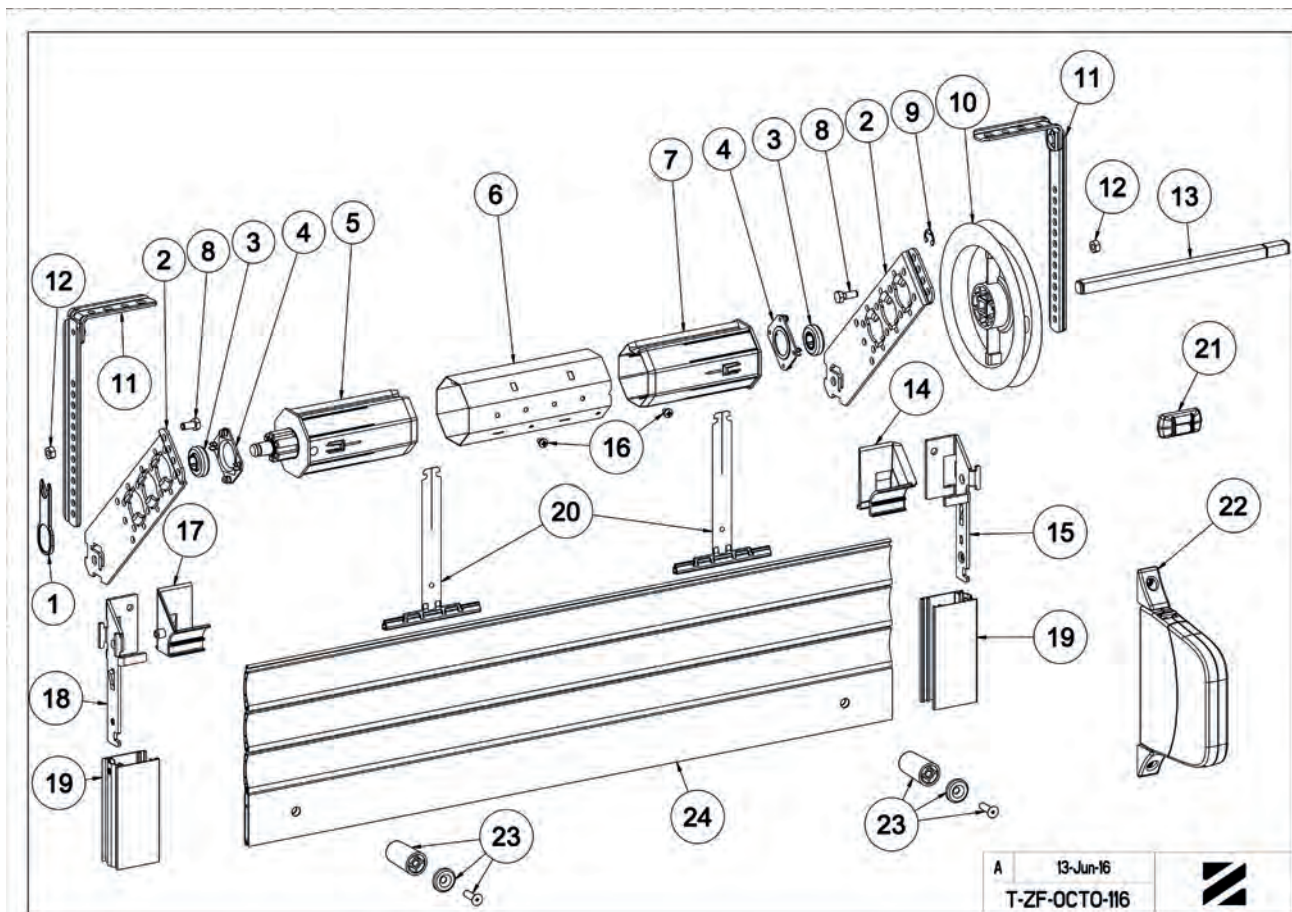
A 23-Aug-17
T-ZF-OCTO-103





T-ZF-116 - ASSEMBLY «TRADI ZEDEF» STRAP COILER HJ/BALL BEARING 0 MM DISTANCE FOR 60 MM OCTAGONAL TUBE

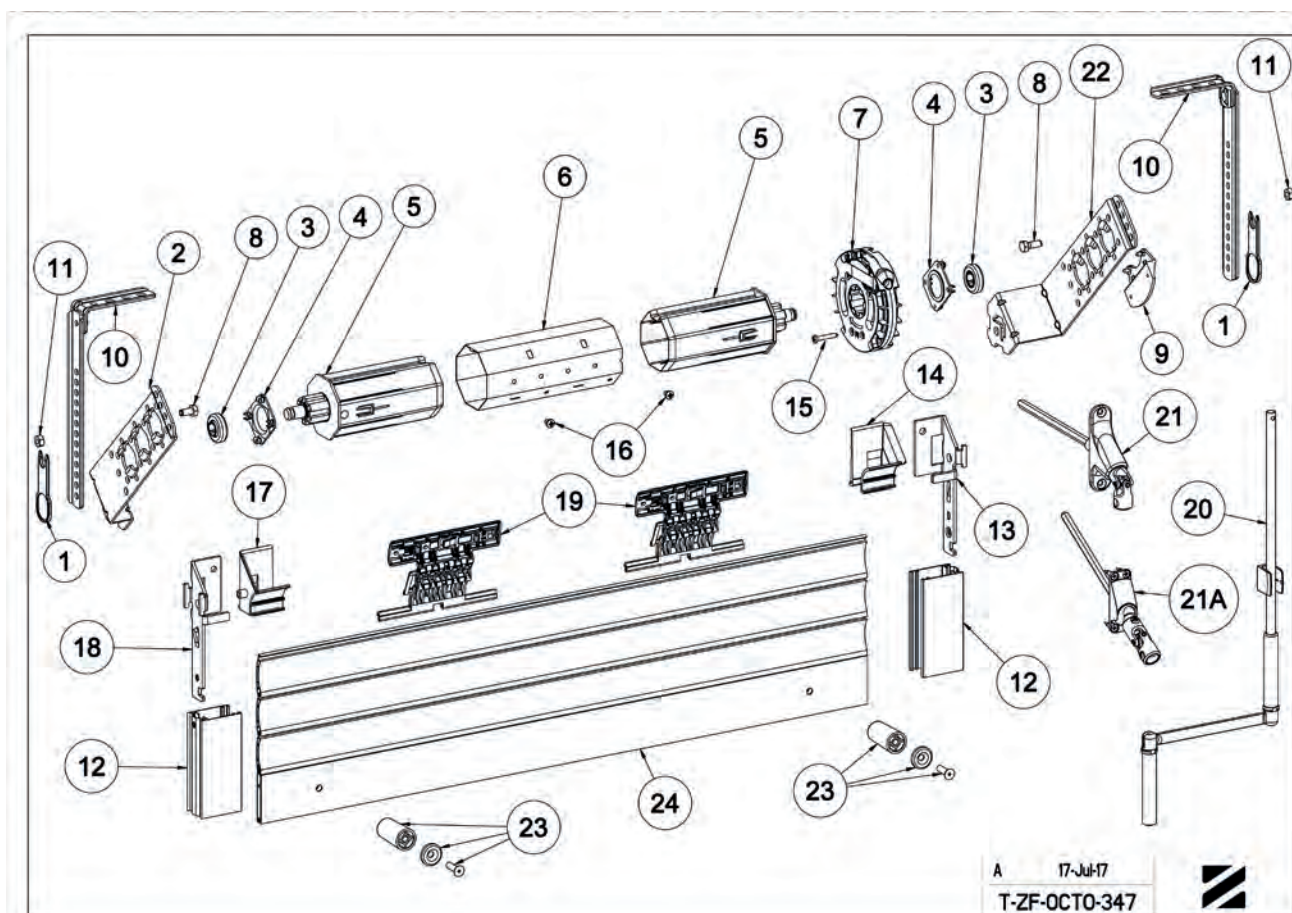
MARK	QTY	REFERENCE	DESCRIPTION
1	1	A640	BLOCKING BRACKET FORK
2	2	B742	BRACKET SOMFY MOTOR LT50
3	2	B134	BALL BEARING D28/12 MM + 10 MM SQUARE THICKNESS 10
4	2	B133	ROLLER BRACKET 80
5	1	A321A	CAP FOR OCTAGONAL 60 TUBE MALE CLAW COUPLING + 12 MM PIN
6	-	----	60 MM OCTAGONAL TUBE
7	1	A483A	RETRACTABLE CAP 60 MM OCTA. BEARING Ø 18 / 10 MM SQUARE
8	2	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
9	1	4823	RING E 863 D11
10	1	G130D	PULLEY 10 MM SQUARE 10 Ø 155
11	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
12	2	4507	NUT M6
13	1	A605	DRIVE 10 MM SQUARE
14	1	H360C2	TRADI ZF ENTRY GUIDES
OR	OR	OR	
14	1	H361C2	TRADI ZF ENTRY GUIDES
15	1	H354	GALVANIZED BRACKET - RIGHT
16	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
17	1	H360C1	TRADI ZF ENTRY GUIDES
OR	OR	OR	
17	1	H361C1	TRADI ZF ENTRY GUIDES
18	1	H355	GALVANIZED BRACKET - LEFT
19	2	--	GUIDE RAILS
20	2MINI	H880B	FIXING SPRING TO CLIP L150 GREY 8 MM SLAT
OR	OR	OR	
20	2MINI	H881B	FIXING SPRING TO CLIP L150 GREY 9,5 MM SLAT
21	1	G218	STRAP GUIDE HORIZONTAL FIXING WHITE
22	1	G570	COILER OPEN UP WITHOUT STRAP
23	2	H138	ROUND STOPPER WITH RING AND SCREW
24	-	-	SHUTTER





T-ZF-347 - ASSEMBLY «TRADI ZEDEF» TECHNIVIS GEARBOX/BALL BEARING 50 MM DISTANCE - FOR 60 MM OCTAGONAL TUBE

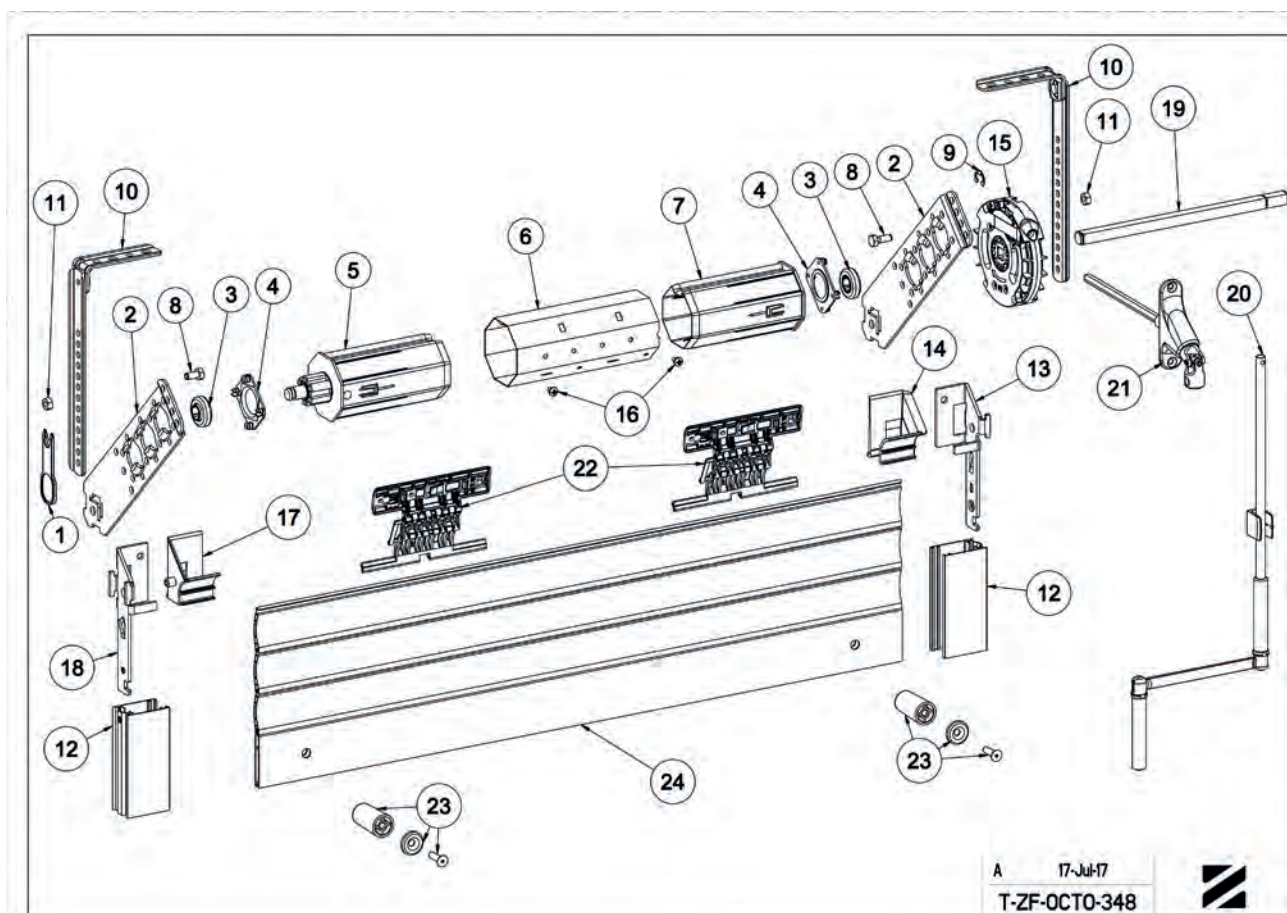
MARK	QTY	REFERENCE	DESCRIPTION
1	2	A640	BLOCKING BRACKET FORK
2	1	B740	TRADI ZEDEF BRACKET - NO OFFSET
3	2	B134	BALL BEARING D28/12 MM + 10 MM SQUARE THICKNESS 10
OR	OR	OR	
3	2	B132	BALL BEARING DIAMETER 28/12MM. 12 MM TH.
4	2	B133	ROLLER BRACKET 80
5	2	A321B	ZF54 DUMMY END MALE CLAW COUPLING / 12MM PIN
6	-	----	60 MM OCTAGONAL TUBE
7	1	C370	TECHNIVIS GEARBOX
8	2	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
9	1	C531	GUIDING PLATE
10	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
11	2	4507	NUT M6
12	-	--	GUIDE RAILS
13	1	H354	GALVANIZED BRACKET - RIGHT
14	1	H360C2	TRADI ZF ENTRY GUIDES
OR	OR	OR	
14	1	H361C2	TRADI ZF ENTRY GUIDES
15	1	4203	SCREW CBL Z ST 3,9 - 25 ZN72
16	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
17	1	H360C1	TRADI ZF ENTRY GUIDES
OR	OR	OR	
17	1	H361C1	TRADI ZF ENTRY GUIDES
18	1	H355	GALVANIZED BRACKET - LEFT
19	2 MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
19	2 MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
19	2 MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
19	2 MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
19	2 MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
19	2 MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
19	2 MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
20	1	SERIE E6XX	CRANK HANDLE
21	1	D590MB	CARDAN JOINT 90 ° SMALL PLATE
OR	OR	OR	
21A	1	D476NG	CARDAN JOINT
22	1	B744	BRACKET CSI MOTOR - OFFSET 25
23	2	H138	ROUND STOPPER WITH RING AND SCREW
24	-	-	SHUTTER





T-ZF-348 - ASSEMBLY «TRADI ZEDEF» TECHNIVIS GEARBOX HJ/BALL BEARING 0 MM DISTANCE - FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	1	A640	BLOCKING BRACKET FORK
2	2	B742	BRACKET SOMFY MOTOR LT50
3	2	B134	BALL BEARING D28/12 MM + 10 MM SQUARE THICKNESS 10
4	2	B133	ROLLER BRACKET 80
5	1	A321A	CAP FOR OCTAGONAL 60 TUBE MALE CLAW COUPLING + 12 MM PIN
6	-	----	60 MM OCTAGONAL TUBE
7	1	A483A	RETRACTABLE CAP 60 MM OCTA. BEARING Ø 18 / 10 MM SQUARE
8	2	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
9	1	4823	RING E 863 D11
10	2	B205	REINFORCEMENT GALVANIZED OFFSET 60
11	2	4507	NUT M6
12	2	--	GUIDE RAILS
13	1	H354	GALVANIZED BRACKET - RIGHT
14	1	H360C2	TRADI ZF ENTRY GUIDES
OR	OR	OR	
14	1	H361C2	TRADI ZF ENTRY GUIDES
15	1	C370C	TECHNIVIS GEARBOX
16	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
17	1	H360C1	TRADI ZF ENTRY GUIDES
OR	OR	OR	
17	1	H361C1	TRADI ZF ENTRY GUIDES
18	1	H355	GALVANIZED BRACKET - LEFT
19	1	A605A	DRIVE 10 MM SQUARE
20	1	-	SHUTTER
21	1	D590MB	CARDAN JOINT 90 ° SMALL PLATE
22	2 MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
22	2 MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
22	2 MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
22	2 MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
22	2 MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
22	2 MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
22	2 MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
23	2	H138	ROUND STOPPER WITH RING AND SCREW
24	-	-	SHUTTER



A 17-Jul-17
T-ZF-OCTO-348

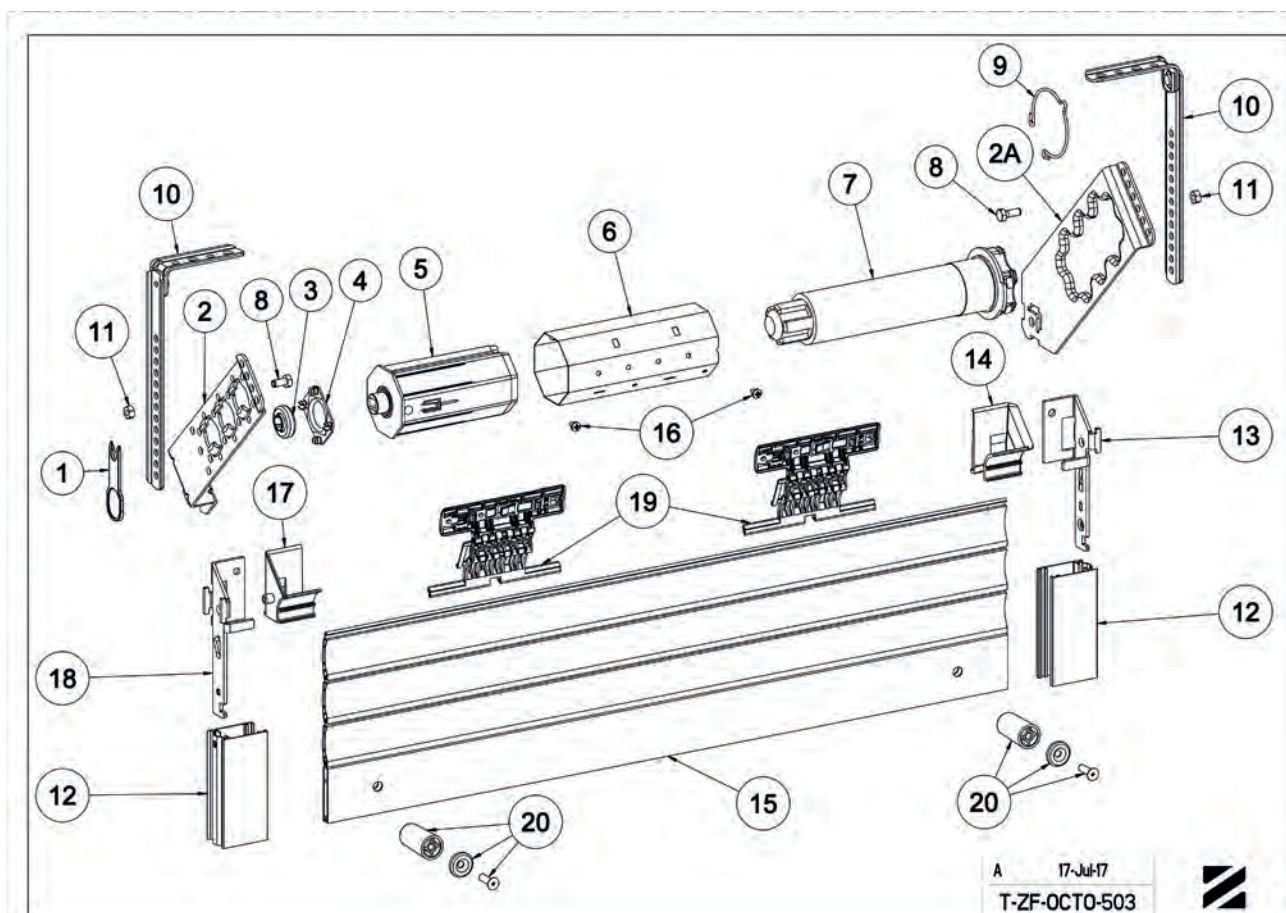




T-ZF-503 - ASSEMBLY «TRADI ZEDEF» SOMFY MOTOR/BALL BEARING LT50 FOR 60 MM OCTAGONAL TUBE



MARK	QTY	REFERENCE	DESCRIPTION
1	1	A640	BLOCKING BRACKET FORK
2	1	B740	TRADI ZEDEF BRACKET - NO OFFSET
2A	1	B743	BRACKET- OFFSET 28
3	1	B134	BALL BEARING D28/12 MM + 10 MM SQUARE THICKNESS 10
OR	OR	OR	
3	1	B132	BALL BEARING DIAMETER 28/12MM. 12 MM TH.
4	1	B133	ROLLER BRACKET 80
5	1	A483A	RETRACTABLE CAP 60 MM OCTA. BEARING Ø 18 / 10 MM SQUARE
6	-	---	60 MM OCTAGONAL TUBE
7	1	-	SOMFY MOTOR LT50
8	2	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
9	1	J546A3	RING FOR SOMFY MOTOR BRACKET
10	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
11	2	4507	NUT M6
12	2	--	GUIDE RAILS
13	1	H354	GALVANIZED BRACKET - RIGHT
14	1	H360C2	TRADI ZF ENTRY GUIDES
OR	OR	OR	
14	1	H361C2	TRADI ZF ENTRY GUIDES
15	-	-	SHUTTER
16	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
17	1	H360C1	TRADI ZF ENTRY GUIDES
OR	OR	OR	
17	1	H361C1	TRADI ZF ENTRY GUIDES
18	1	H355	GALVANIZED BRACKET - LEFT
19	2MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
19	2MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
19	2MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
19	2MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
19	2MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
19	2MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
19	2MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
20	2	H138	ROUND STOPPER WITH RING AND SCREW



A 17-Jul-17
T-ZF-OCTO-503

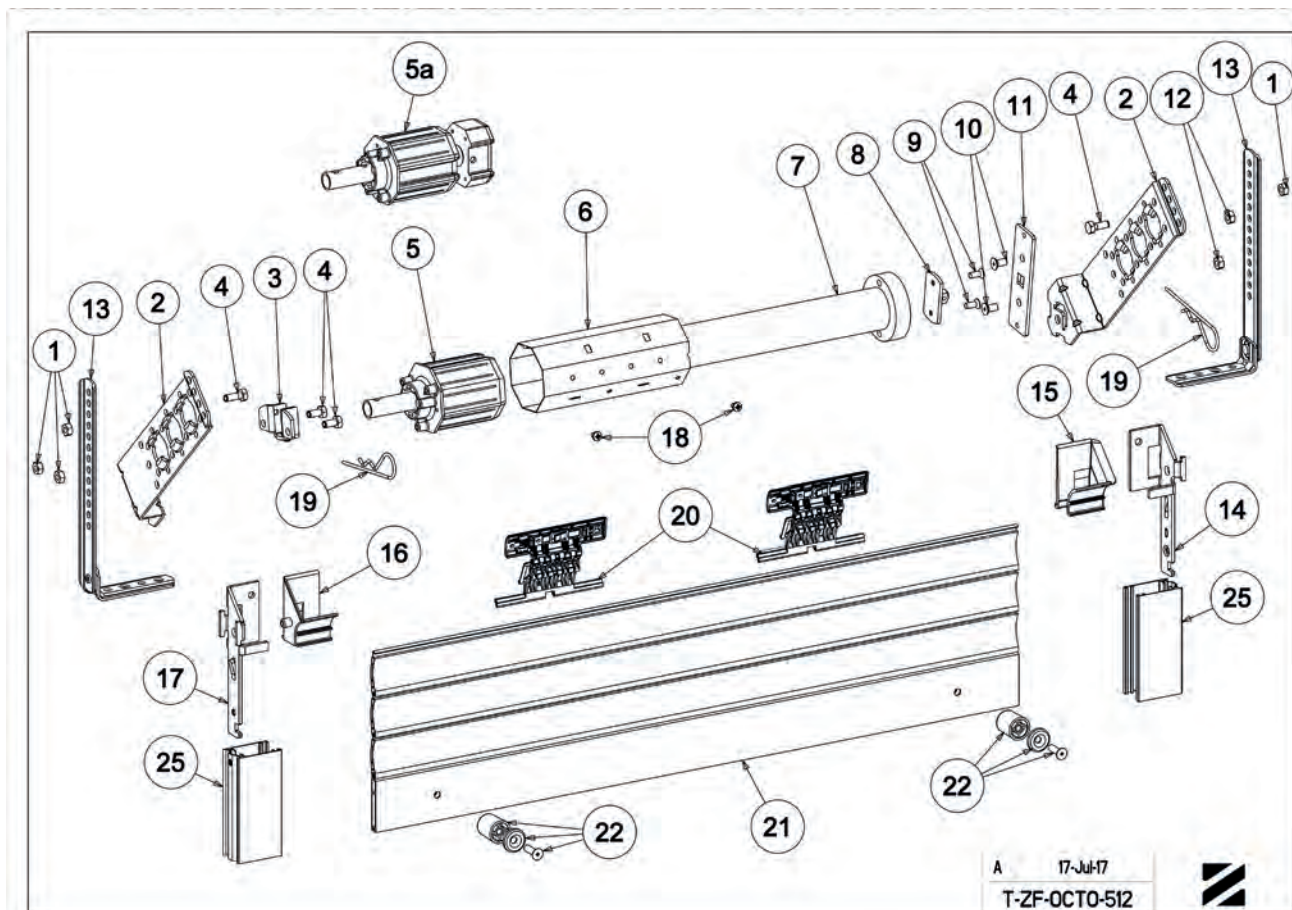




T-ZF-512 - ASSEMBLY «TRADI ZEDEF» STANDARD MOTOR FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	4	4507	NUT M6
2	2	B740	TRADI ZEDEF BRACKET - NO OFFSET
3	1	B104	PIN BRACKET
4	4	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
5	1	A454	CAP FOR 60 MM OCTAGONAL TUBE CLAW COUPLING + TUBE D16 L=90
OR	OR	OR	
5A	1	A458	DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING
6	-	----	60 MM OCTAGONAL TUBE
7	1	-	UNIVERSAL MOTOR
8	1	-	BRACKET 10 MM SQUARE (SEE MOTOR MANUFACTURER)
9	2	-	SCREW TF (SEE MOTOR MANUFACTURER)
10	2	4162	SCREW F Z M 5-12 RL ZN8/A/FE
11	1	J505A1	MOTOR BRACKET
12	2	4506	NUT H M5 ZN8
13	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
14	1	H354	GALVANIZED BRACKET - RIGHT
15	1	H360C2	TRADI ZF ENTRY GUIDES
OR	OR	OR	
15	1	H361C2	TRADI ZF ENTRY GUIDES
16	1	H360C1	TRADI ZF ENTRY GUIDES
OR	OR	OR	
16	1	H361C1	TRADI ZF ENTRY GUIDES
17	1	H355	GALVANIZED BRACKET - LEFT
18	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
19	1	4643	BETA SPLINT D 2,5
20	2MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
20	2MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
20	2MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
20	2MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
20	2MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
20	2MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
20	2MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
21	-	-	SHUTTER
22	2	H138	ROUND STOPPER WITH RING AND SCREW
25	2	-	GUIDE RAILS

FOR A SHUTTER WITH A WIDTH MORE THAN 1,80 M AND MORE THAN 15 KG : REPLACE CAP MARK 5 BY MARK 5A



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T-ZF-OCTO-512

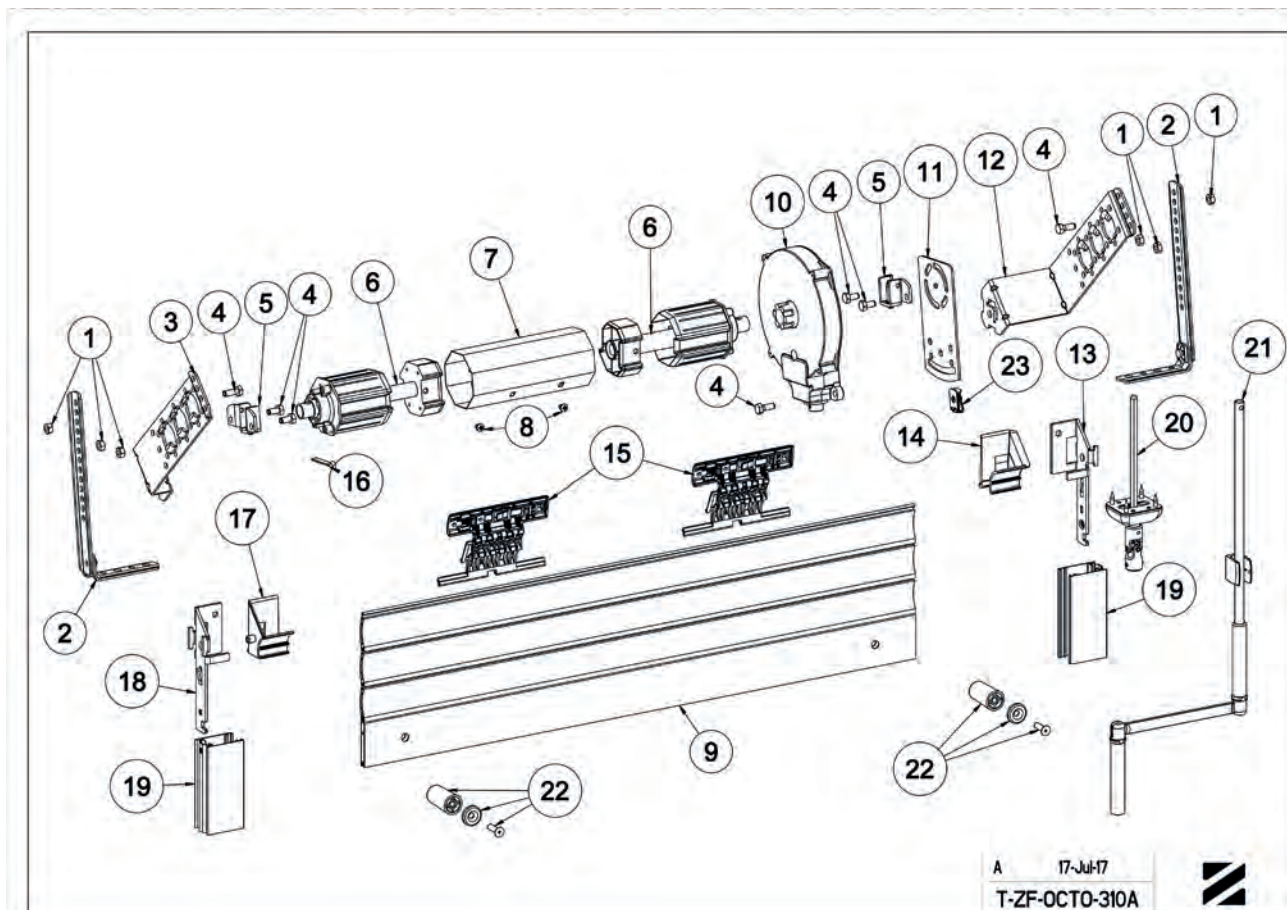




T-ZF-310A - ASSEMBLY «TRADI ZEDEF» CONIPACT GEAR - PIN BRACKET FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	6	4507	NUT M6
2	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
3	1	B740	TRADI ZEDEF BRACKET - NO OFFSET
4	7	4128A	SCREW H M 6-16 8-8
5	2	B104	PIN BRACKET
6	2	A458	DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING
7	-	----	60 MM OCTAGONAL TUBE
8	2	4205	SCREW CBL Z ST 4,2 - 13 C ZN8/A/FE X 200
9	-	-	SHUTTER
10	1	C162	CONIPACT GEARBOX
11	1	C505	CONIPACT BRACKET FOR CONIPACT GEARBOX
12	1	B741	TRADI SET SQUARE HANDLING SIDE - OFFSET 50
OR	OR	OR	
12	1	B744	BRACKET CSI MOTOR - OFFSET 25
13	1	H354	GALVANIZED BRACKET - RIGHT
14	1	H360C2	TRADI ZF ENTRY GUIDES
OR	OR	OR	
14	1	H361C2	TRADI ZF ENTRY GUIDES
15	2 MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
15	2 MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
15	2 MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
15	2 MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
15	2 MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
15	2 MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
15	2 MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
16	1	4629	SPLINT 4 X 32
17	1	H360C1	TRADI ZF ENTRY GUIDES
OR	OR	OR	
17	1	H361C1	TRADI ZF ENTRY GUIDES
18	1	H355	GALVANIZED BRACKET - LEFT
19	1	--	GUIDE RAILS
20	1	SERIE D168NG ...	CARDAN JOINT 12 MM BORE - 7 MM HEXA.
21	1	SERIE E6XX	CRANK HANDLE
22	2	H138	ROUND STOPPER WITH RING AND SCREW
23	1	4503	NUT M6 ZINK COATED FINIGRAD REF 130793 002

* OTHER POSSIBLE CHOICES



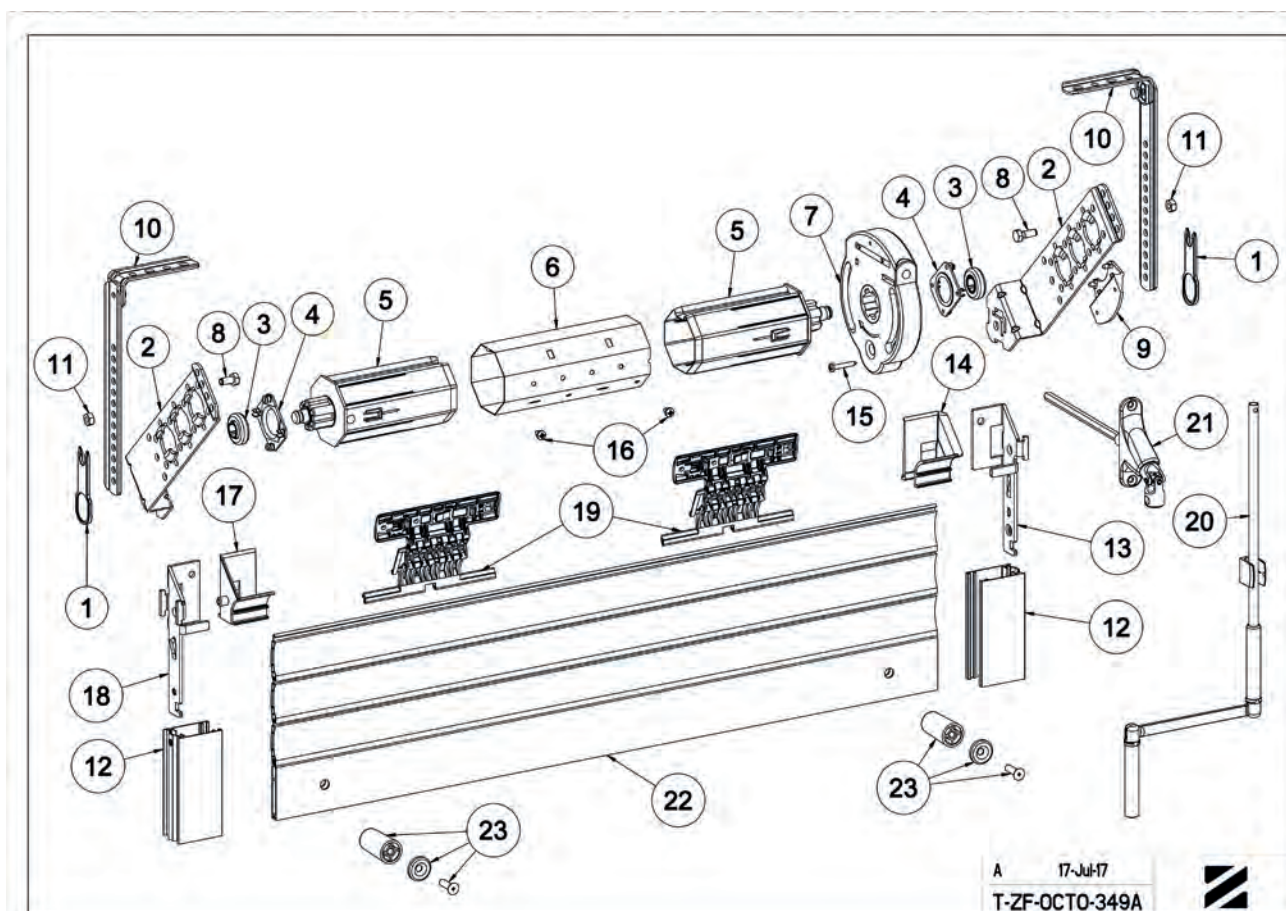
A 17-Jul-17
T-ZF-OCTO-310A





T-ZF-349A - ASSEMBLY «TRADI ZEDEF» 25 KG GEARBOX WITH INTEGRATED CLUTCH SYSTEM/BALL BEARING 25 MM DISTANCE - FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	2	A640	BLOCKING BRACKET FORK
2	2	B740	TRADI ZEDEF BRACKET - NO OFFSET
3	2	B134	BALL BEARING D28/12 MM + 10 MM SQUARE THICKNESS 10
OR	OR	OR	
3	2	B132	BALL BEARING DIAMETER 28/12MM. 12 MM TH.
4	2	B133	ROLLER BRACKET 80
5	2	A321A	CAP FOR OCTAGONAL 60 TUBE MALE CLAW COUPLING + 12 MM PIN
6	-	---	60 MM OCTAGONAL TUBE
7	1	C191C	GEARBOX
8	2	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
9	1	C531	GUIDING PLATE
10	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
11	2	4507	NUT M6
12	1	--	GUIDE RAILS
13	1	H354	GALVANIZED BRACKET - RIGHT
14	1	H360C2	TRADI ZF ENTRY GUIDES
OR	OR	OR	
14	1	H361C2	TRADI ZF ENTRY GUIDES
15	1	4203	SCREW CBL Z ST 3,9 - 25 ZN72
16	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
17	1	H360C1	TRADI ZF ENTRY GUIDES
OR	OR	OR	
17	1	H361C1	TRADI ZF ENTRY GUIDES
18	1	H355	GALVANIZED BRACKET - LEFT
19	2MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
19	2MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
19	2MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
19	2MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
19	2MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
19	2MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
19	2MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
20	1	SERIE E6XX	CRANK HANDLE
21	1	D590MB	CARDAN JOINT 90 ° SMALL PLATE
22	-	-	SHUTTER
23	2	H138	ROUND STOPPER WITH RING AND SCREW



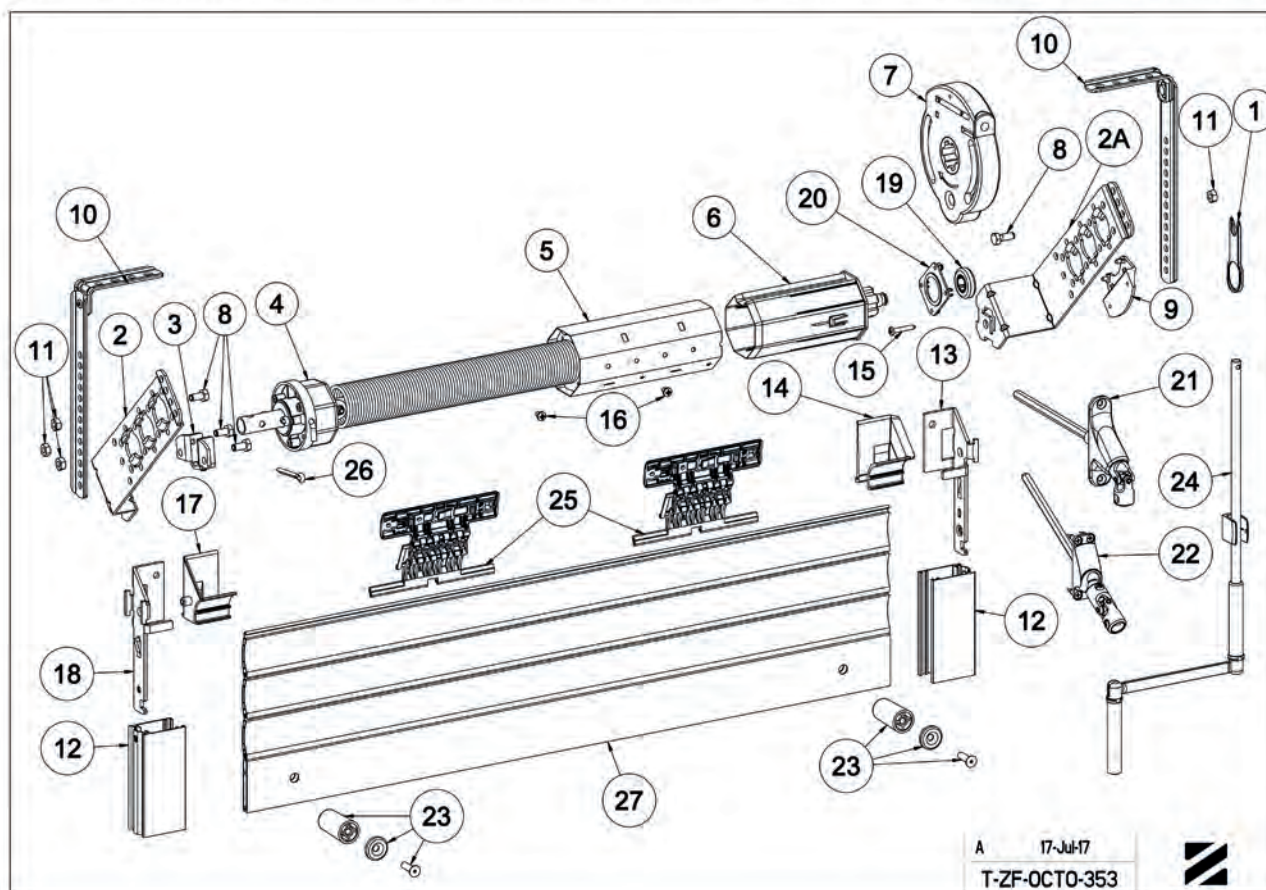
A 17-Jul-17
T-ZF-OCTO-349A





T-ZF-353 - ASSEMBLY «TRADI ZEDEF» 25 KG GEARBOX WITH SPRING/BALL BEARING 50 MM DISTANCE - FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	1	A640	BLOCKING BRACKET FORK
2	1	B740	TRADI ZEDEF BRACKET - NO OFFSET
2A	1	B744	BRACKET CSI MOTOR - OFFSET 25
3	1	B104	PIN BRACKET
4	1	A861 A A865	SPRING FOR 60 OCTAGONAL TUBE
5	-	----	60 MM OCTAGONAL TUBE
6	1	A321A	CAP FOR OCTAGONAL 60 TUBE MALE CLAW COUPLING + 12 MM PIN
7	1	C181	GEARBOX
8	4	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
9	1	C531	GUIDING PLATE
10	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
11	4	4507	NUT M6
12	1	---	GUIDE RAILS
13	1	H354	GALVANIZED BRACKET - RIGHT
14	1	H360C2	TRADI ZF ENTRY GUIDES
OR	OR	OR	
14	1	H361C2	TRADI ZF ENTRY GUIDES
15	1	4203	SCREW CBL Z ST 3,9 - 25 ZN72
16	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
17	1	H360C1	TRADI ZF ENTRY GUIDES
OR	OR	OR	
17	1	H361C1	TRADI ZF ENTRY GUIDES
18	1	H355	GALVANIZED BRACKET - LEFT
19	1	B134	BALL BEARING D28/12 MM + 10 MM SQUARE THICKNESS 10
OR	OR	OR	
19	1	B132	BALL BEARING DIAMETER 28/12MM. 12 MM TH.
20	1	B133	ROLLER BRACKET 80
21	1	D590MB	CARDAN JOINT 90 ° SMALL PLATE
OR	OR	OR	
22	1	D476NG	CARDAN JOINT
23	2	H135	ROUND STOPPER WITH RING AND SCREW
OR	OR	OR	
23	2	H138	ROUND STOPPER WITH RING AND SCREW
24	1	SERIE E6XX	CRANK HANDLE
25	2MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
25	2MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
25	2MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
25	2MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
25	2MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
25	2MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
25	2MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
26	1	4629	SPLINT 4 X 32
27	-	-	SHUTTER



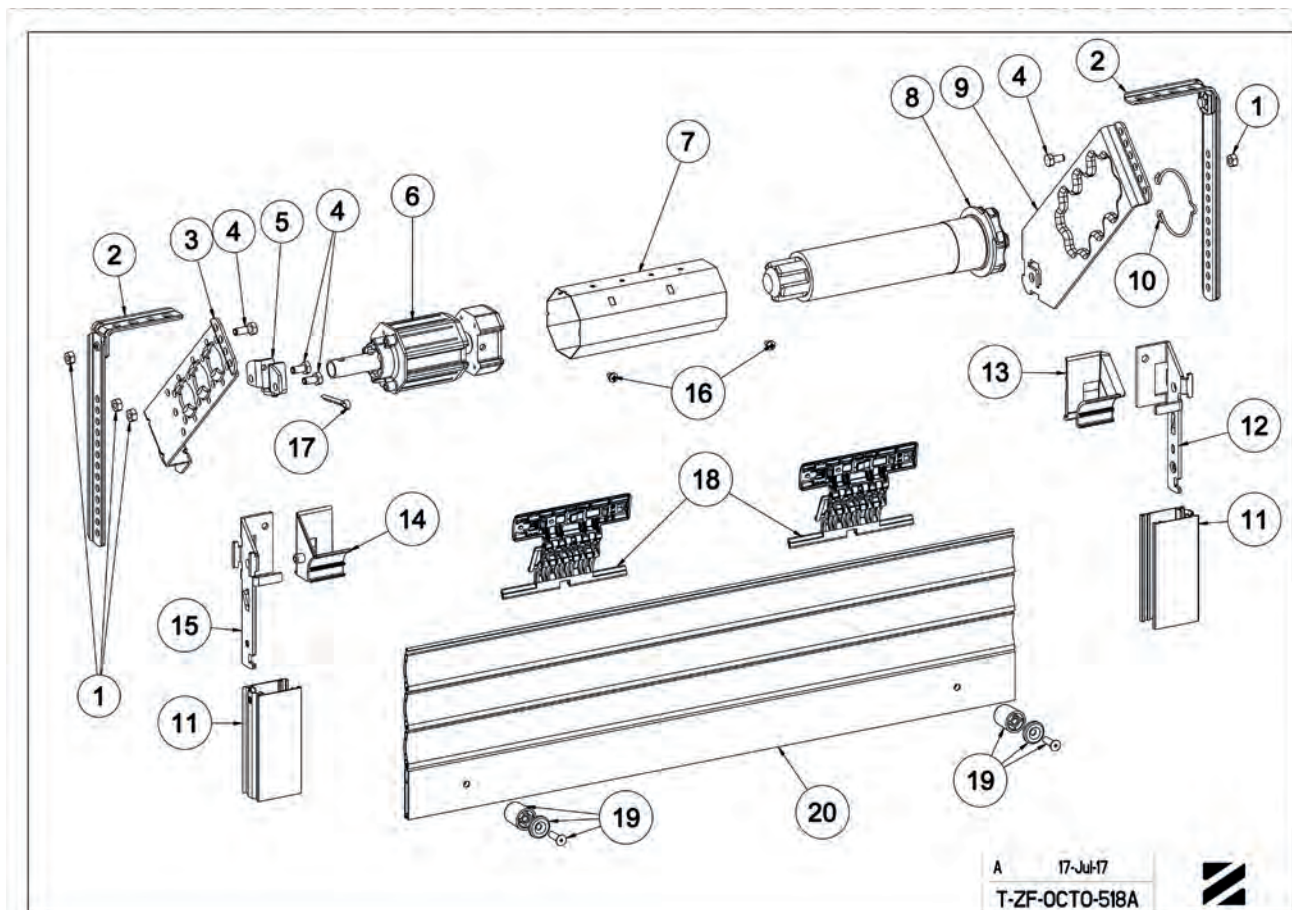
A 17-Jul-17
T-ZF-OCTO-353





T-ZF-518A - ASSEMBLY «TRADI ZEDEF» SOMFY MOTOR LT50 FOR 60 MM OCTAGONAL TUBE

Mark	Qty	Reference	Description
1	4	4507	NUT M6
2	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
3	1	B740	TRADI ZEDEF BRACKET - NO OFFSET
4	4	4127	SCREW H M6-12 8-8 Zn8/A/Fe EN 24017
5	1	B104	PIN BRACKET
6	1	A458	DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING
7	-	----	60 mm OCTAGONAL TUBE
8	1	-	SOMFY MOTOR LT 50
9	1	B743	BRACKET- OFFSET 28
10	1	J546A3	RING FOR SOMFY MOTOR BRACKET
11	-	-	GUIDE RAILS
12	1	H354	GALVANIZED BRACKET - RIGHT
13	1	H360C2	TRADI ZF ENTRY GUIDES
or	or	or	
13	1	H361C2	TRADI ZF ENTRY GUIDES
14	1	H360C1	TRADI ZF ENTRY GUIDES
or	or	or	
14	1	H361C1	TRADI ZF ENTRY GUIDES
15	1	H355	GALVANIZED BRACKET - LEFT
16	2	4205	SCREW CBL Z ST 4,2 - 13 C Zn8/A/Fe x 200
17	1	4629	SPLINT 4 x 32
18	2 Mini	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
or	or	or	
18	2Mini	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
or	or	or	
18	2Mini	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
or	or	or	
18	2Mini	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
or	or	or	
18	2Mini	H890A	OCTOCLICK 1 ELEMENT+ SPRING
or	or	or	
18	2Mini	H890C	OCTOCLICK 2 ELEMENTS + SPRING
or	or	or	
18	2Mini	H890E	OCTOCLICK 3 ELEMENTS + SPRING
19	2	H138	ROUND STOPPER WITH RING AND SCREW
20	-	-	SHUTTER



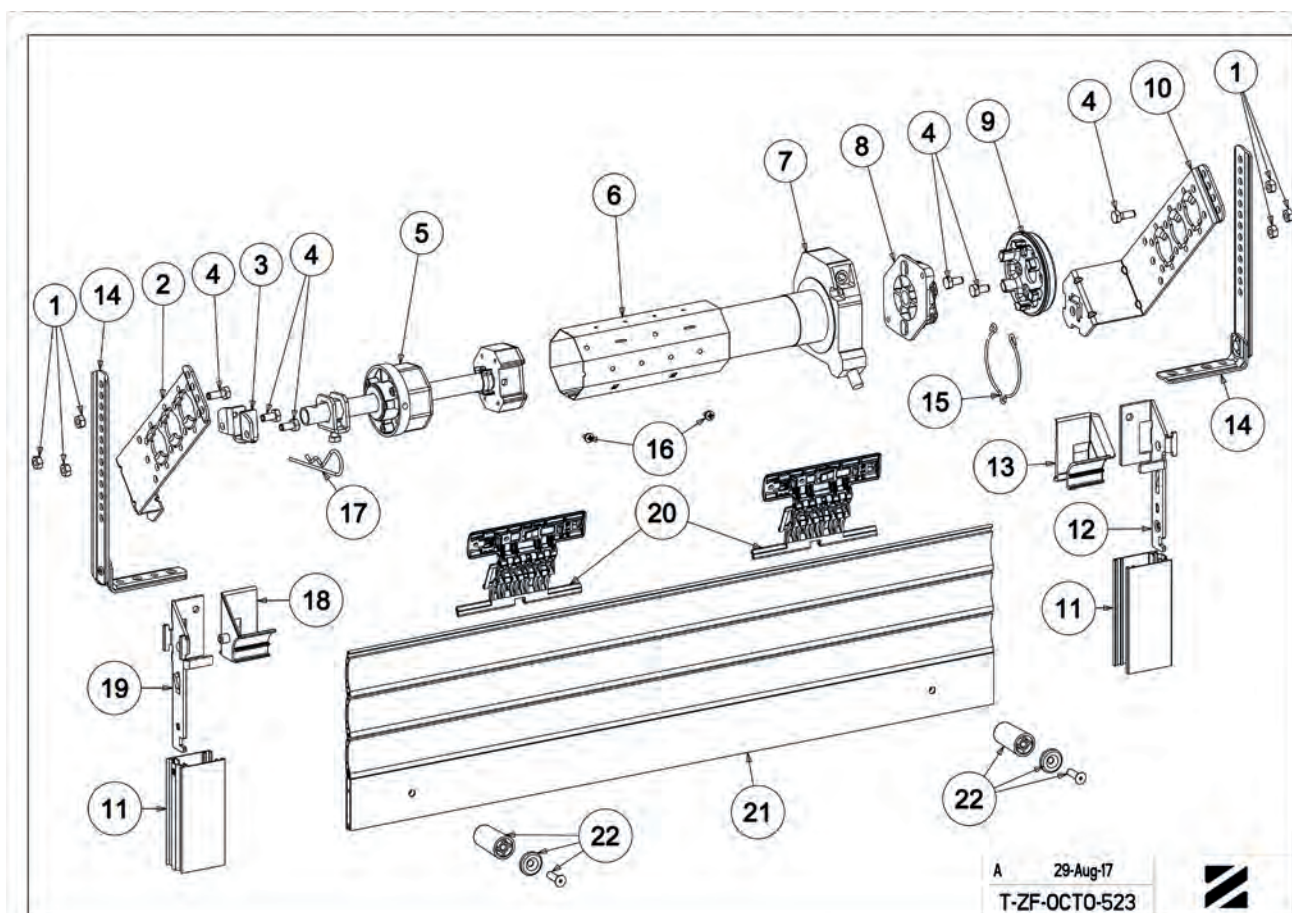
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T-ZF-OCTO-518A





T-ZF-523 - ASSEMBLY «TRADI ZEDEF» SOMFY CSI MOTOR FOR 60 MM OCTAGONAL TUBE

Mark	Qty	Reference	Description
1	6	4507	NUT M6
2	1	B740	TRADI ZEDEF BRACKET - NO OFFSET
3	1	B104	PIN BRACKET
4	6	4127	SCREW H M6-12 8-8 Zn8/A/Fe EN 24017
5	1	A459	ADJUSTABLE DUMMY END FOR 60 OCTAGONAL TUBE
6	1	----	60 mm OCTAGONAL TUBE
7	1	-	SOMFY LT50 MOTOR CSI
8	1	-	Bracket no ZF distribution (see Somfy ref : 9910051)
9	1	-	Bracket no ZF distribution (see Somfy ref : 9420616)
10	1	B744	BRACKET CSI MOTOR - OFFSET 25
or	or	or	
10	1	B741	TRADI SET SQUARE HANDLING SIDE - OFFSET 50
11	1	--	GUIDE RAILS
12	1	H354	GALVANIZED BRACKET - RIGHT
13	1	H360C2	TRADI ZF ENTRY GUIDES
or	or	or	
13	1	H361C2	TRADI ZF ENTRY GUIDES
14	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
15	1	-	RIND DELIVERED WITH BRACKET MARK 9
16	2	4209	SCREW CBL Z ST 4,2 - 9,5 C Zn8/A/Fe
17	1	4643	BETA SPLINT D 2,5
18	1	H360C1	TRADI ZF ENTRY GUIDES
or	or	or	
18	1	H361C1	TRADI ZF ENTRY GUIDES
19	1	H355	GALVANIZED BRACKET - LEFT
20	2 Mini	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
or	or	or	
20	2 Mini	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
or	or	or	
20	2 Mini	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
or	or	or	
20	2 Mini	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
or	or	or	
20	2 Mini	H890A	OCTOCLICK 1 ELEMENT+ SPRING
or	or	or	
20	2 Mini	H890C	OCTOCLICK 2 ELEMENTS + SPRING
or	or	or	
20	2 Mini	H890E	OCTOCLICK 3 ELEMENTS + SPRING
21	-	-	SHUTTER
22	2	H138	ROUND STOPPER WITH RING AND SCREW



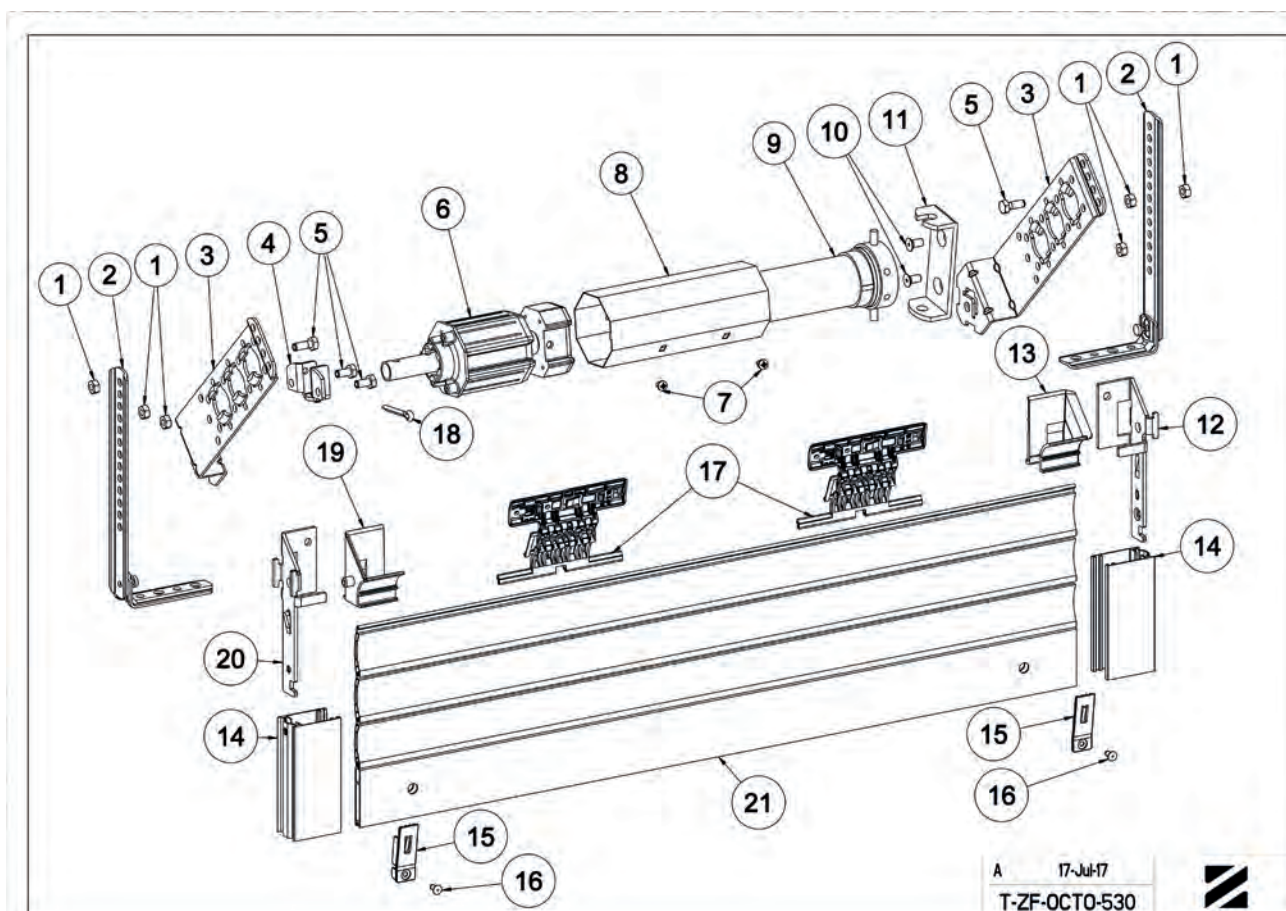
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T-ZF-OCTO-523





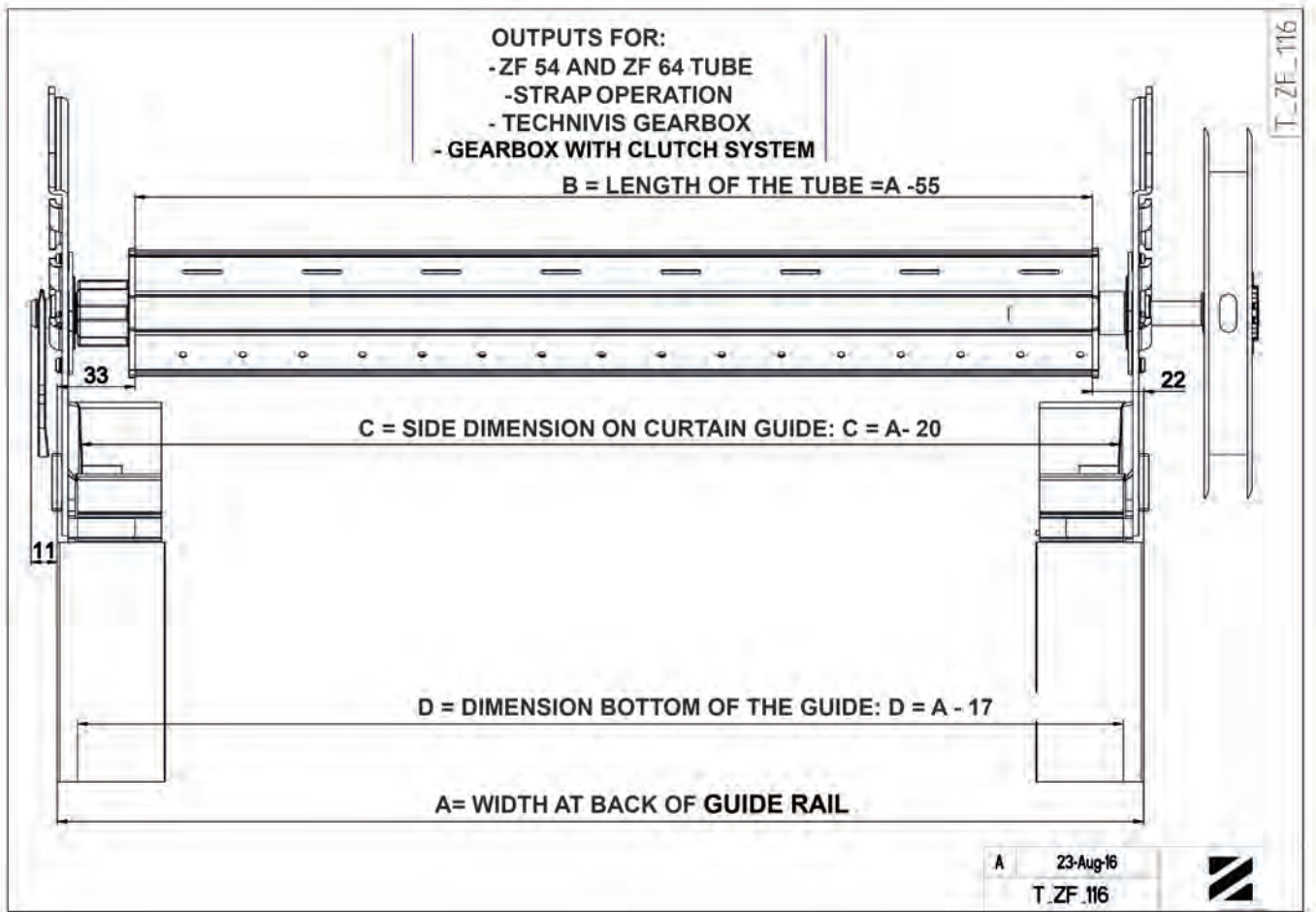
T-ZF-530 - ASSEMBLY «TRADI ZEDEF» SIMU MOTOR FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	6	4507	NUT M6
2	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
3	2	B740	TRADI ZEDEF BRACKET - NO OFFSET
4	1	B104	PIN BRACKET
5	4	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
6	1	A458	DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING
7	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
8	-	----	60 MM OCTAGONAL TUBE
9	1	-	SIMU MOTOR TYPE T5
10	2	4112	SCREW F Z M 6-12
11	1	-	SIMU MOTOR BRACKET REF 9530040
12	1	H354	GALVANIZED BRACKET - RIGHT
13	1	H360C2	TRADI ZF ENTRY GUIDES
OR	OR	OR	
13	1	H361C2	TRADI ZF ENTRY GUIDES
14	-	--	GUIDE RAILS
15	1	H188	STOPPER FOR ENDSLAT
16	2	4731	POP RIVET
17	2MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
17	2MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
17	2MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
17	2MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
17	2MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
17	2MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
17	2MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
18	1	4629	SPLINT 4 X 32
19	1	H360C1	TRADI ZF ENTRY GUIDES
OR	OR	OR	
19	1	H361C1	TRADI ZF ENTRY GUIDES
20	1	H355	GALVANIZED BRACKET - LEFT
21	-	-	SHUTTER

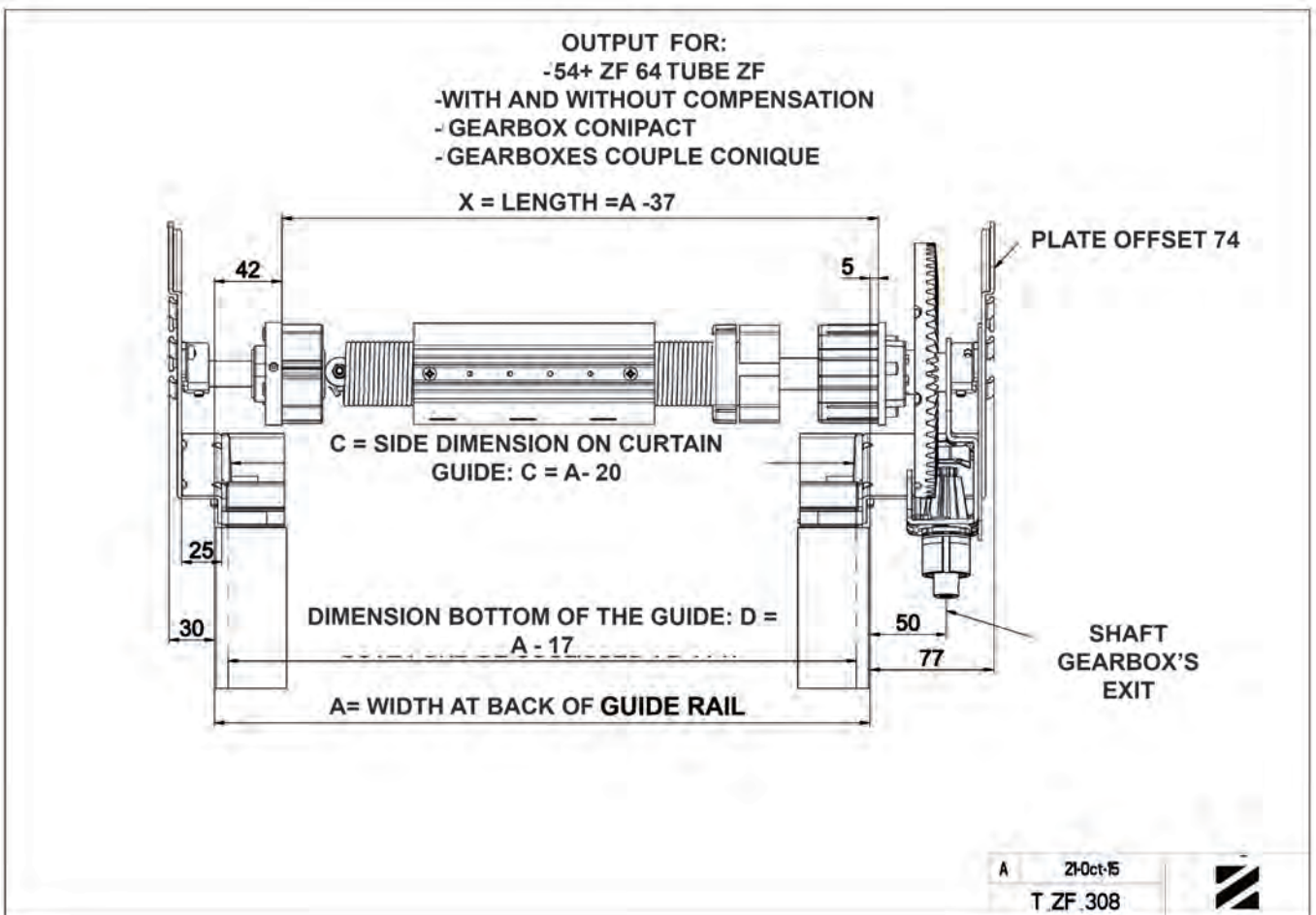




T-ZF-116 - CUTTING CHART

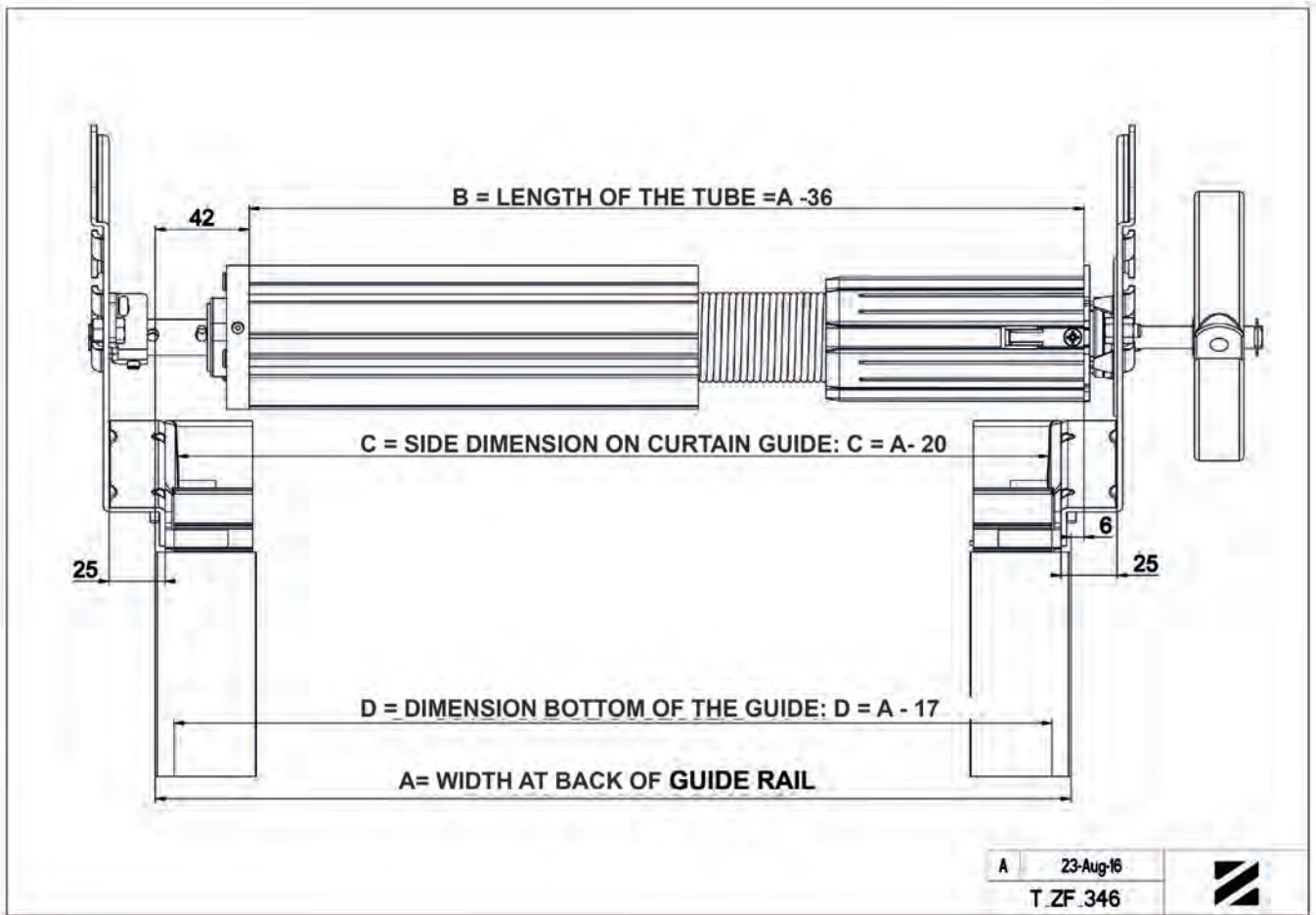


T-ZF-308 - CUTTING CHART

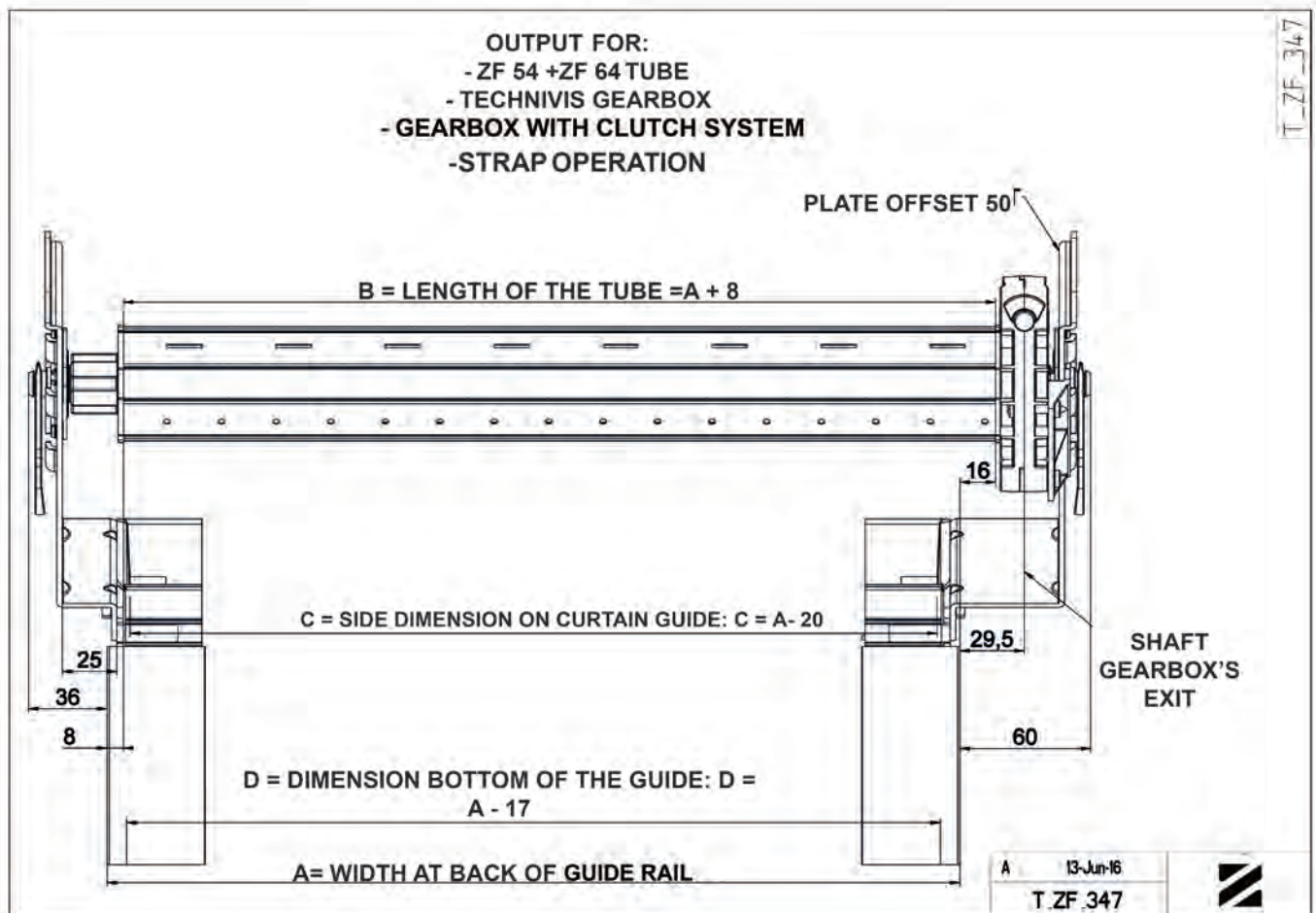




T-ZF-346 - CUTTING CHART

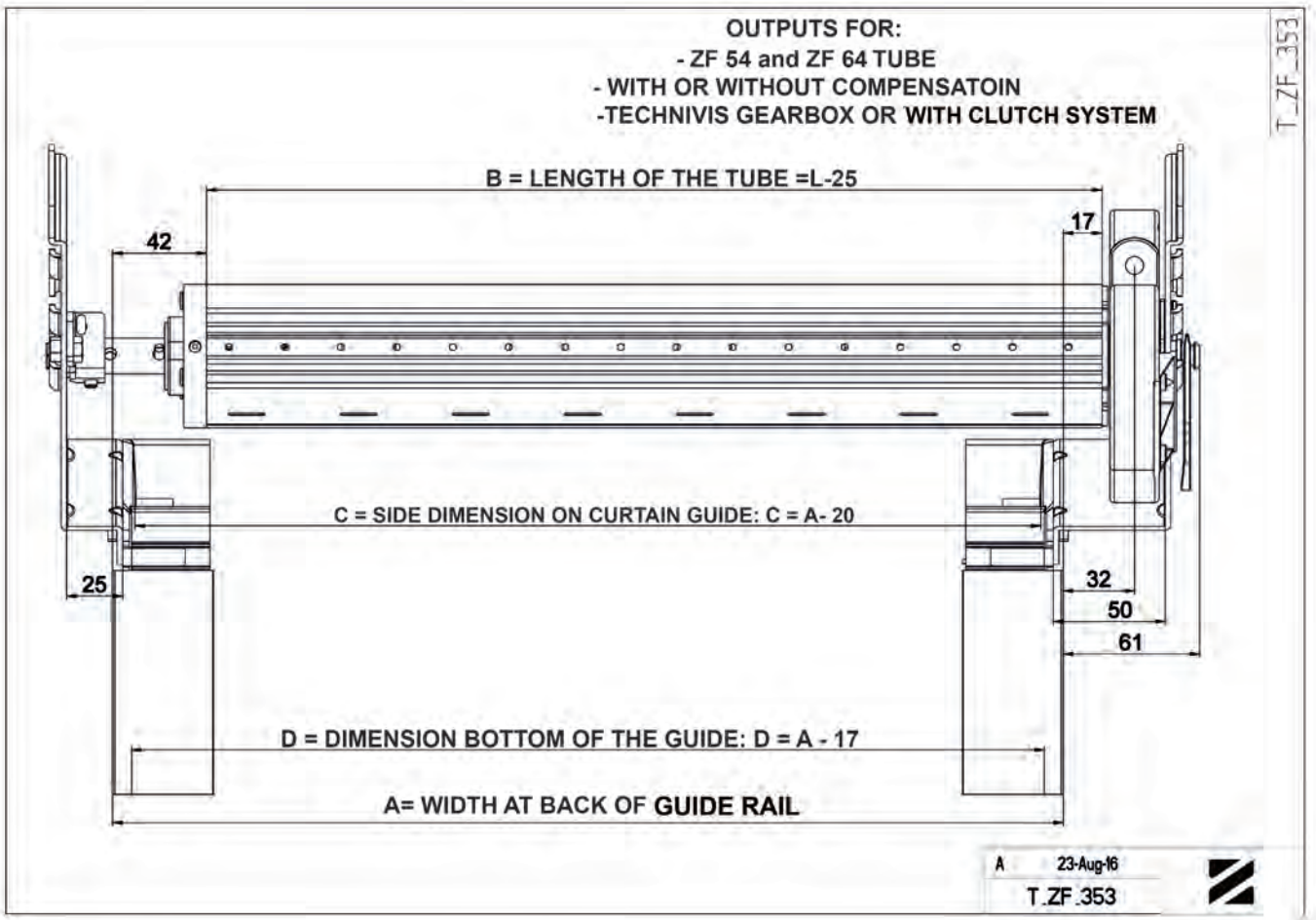


T-ZF-347 - CUTTING CHART

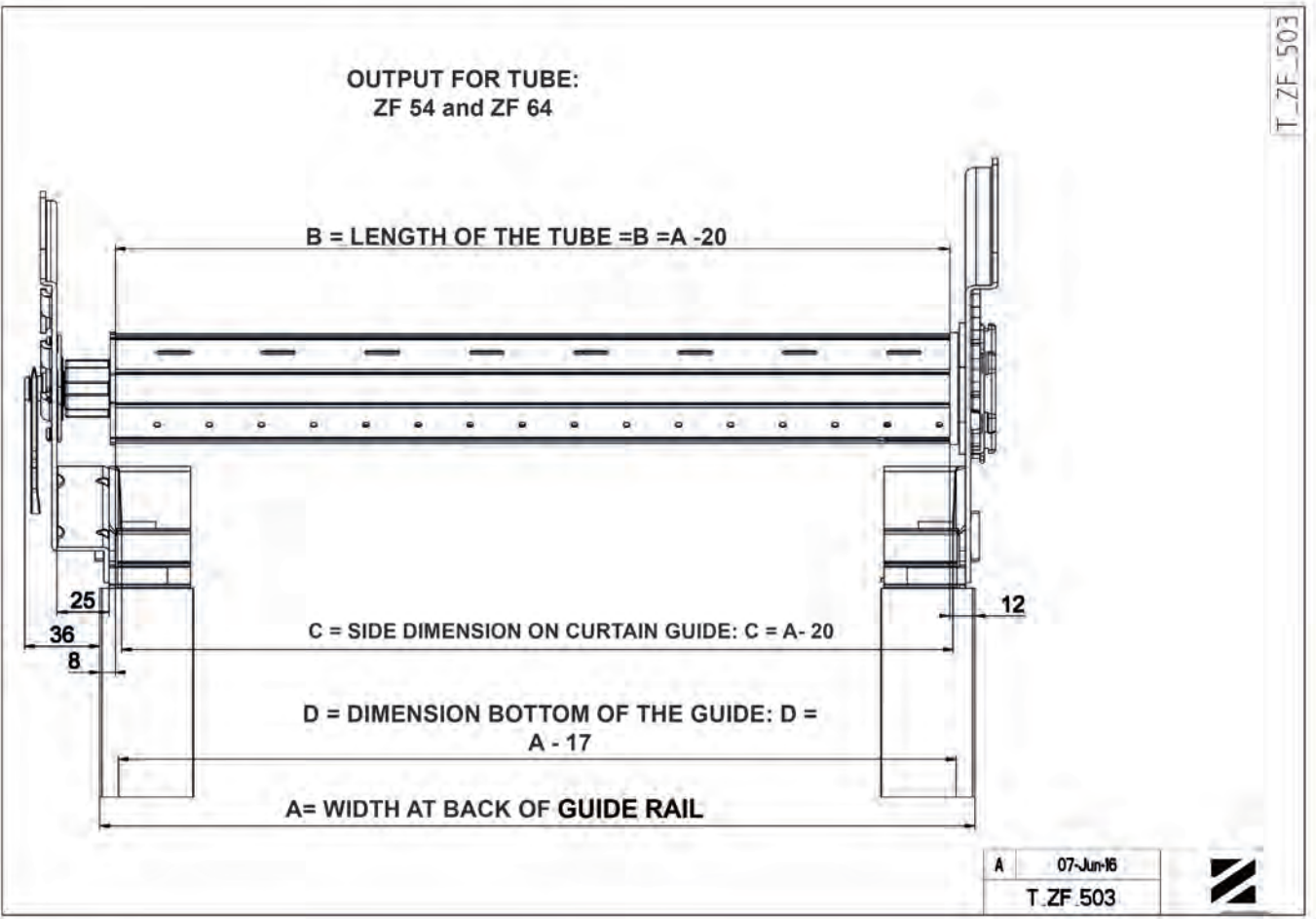




T-ZF-353 - CUTTING CHART

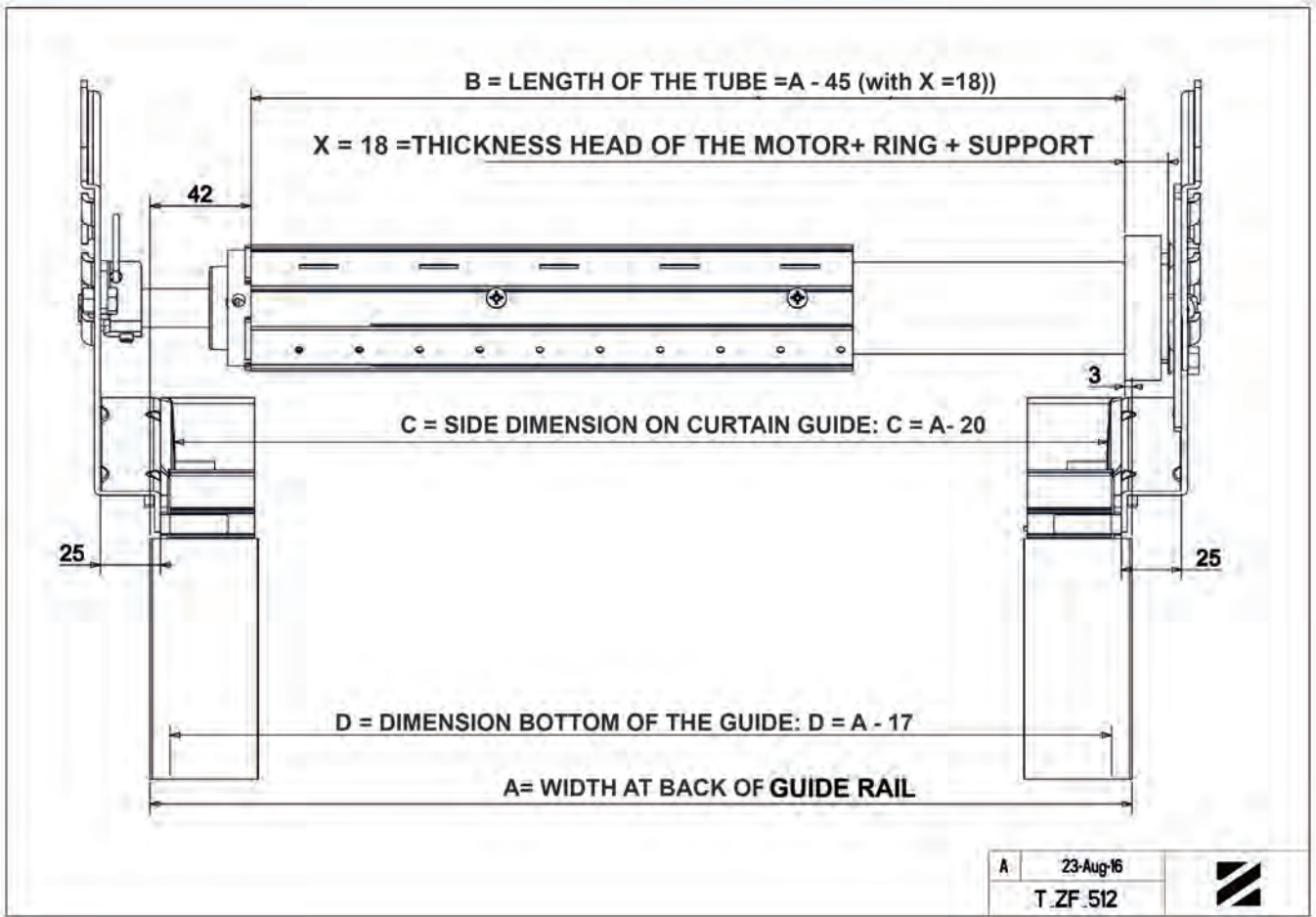


T-ZF-503 - CUTTING CHART

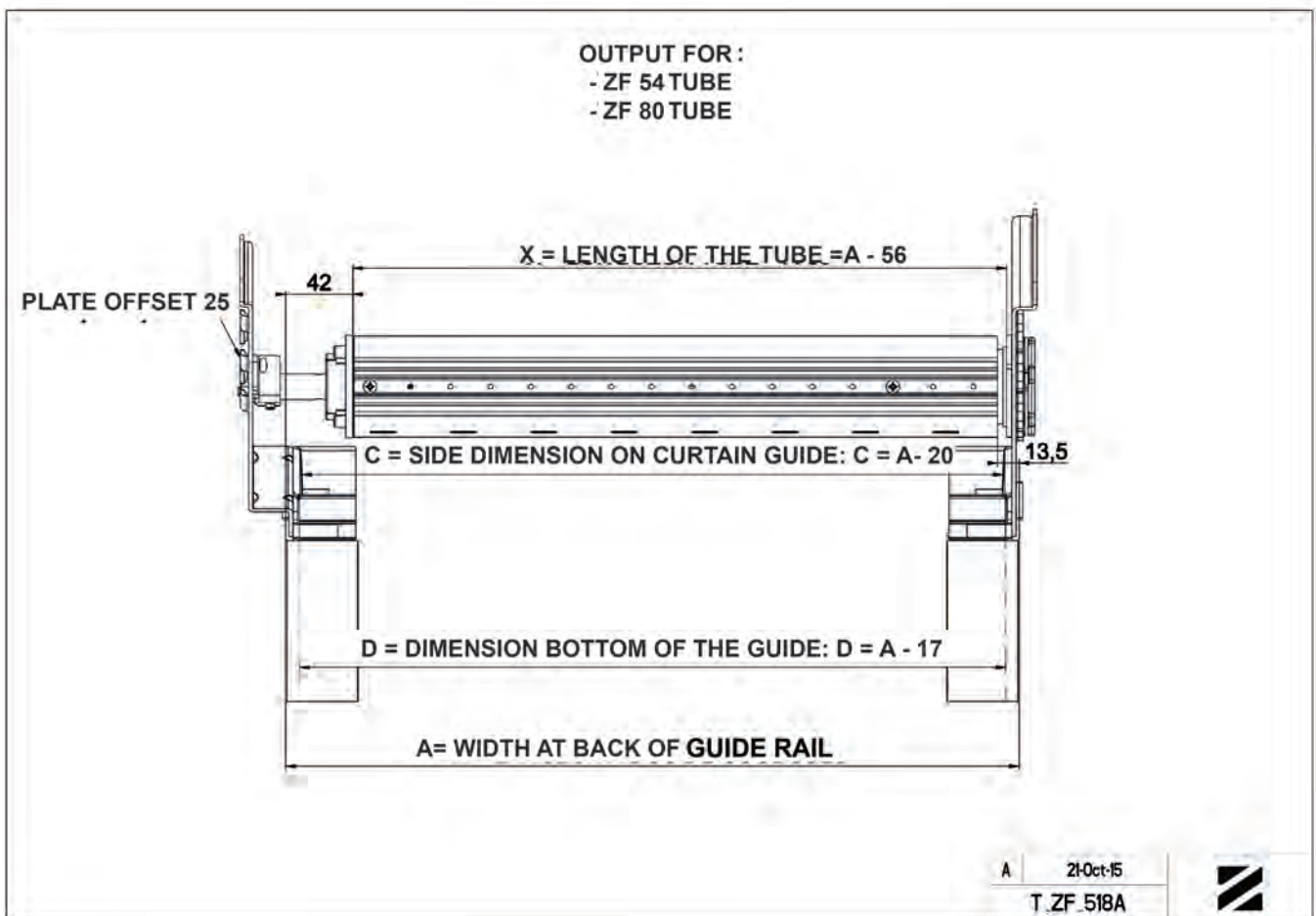




T-ZF-512 - CUTTING CHART

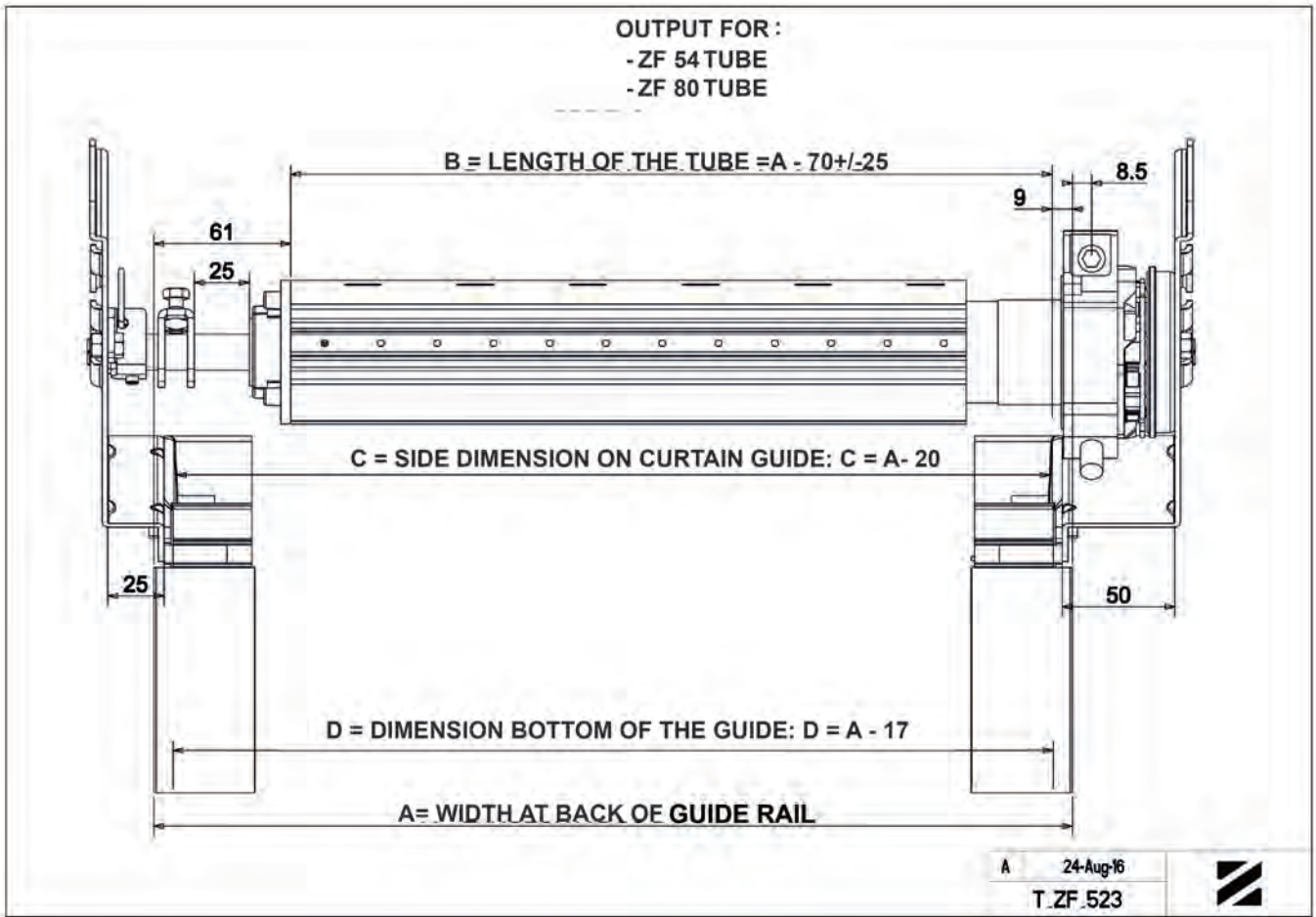


T-ZF-518A - CUTTING CHART

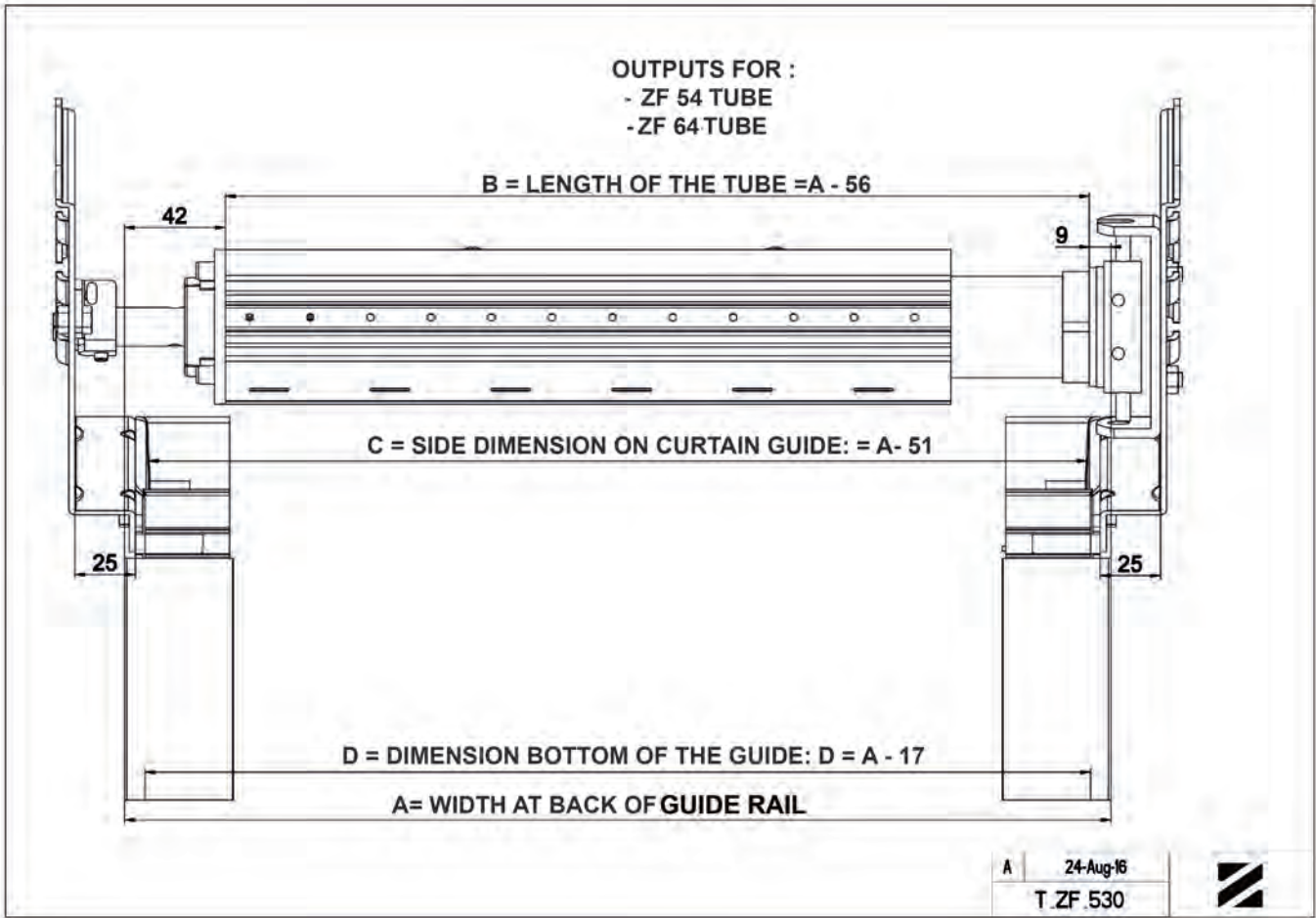




T-ZF-523 - CUTTING CHART

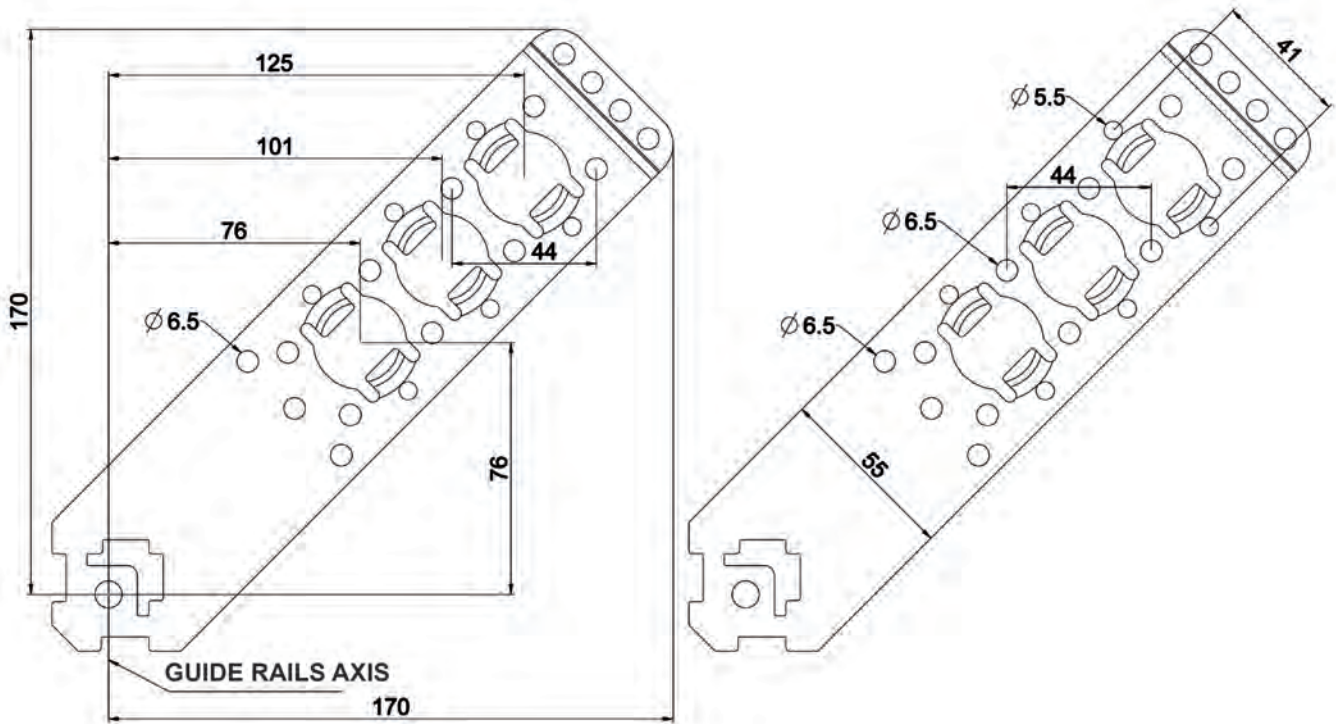


T-ZF-530 - CUTTING CHART

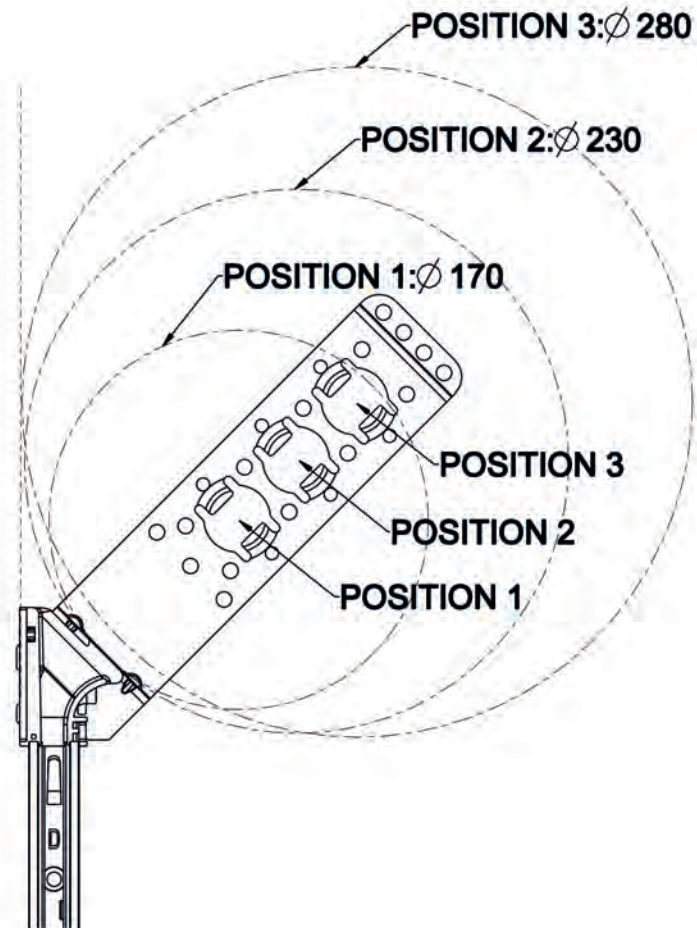




TRADI ZEDEF BRACKET - TECHNICAL SPECIFICATIONS AND DIMENSIONS



MAXIMUM SHUTTER'S DIAMETER





INSTRUCTION FOR LOCKING THE PLATE ON THE GUIDE



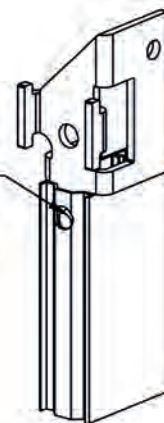
Solution 1 :
Fix the guide and the plate together on
the building



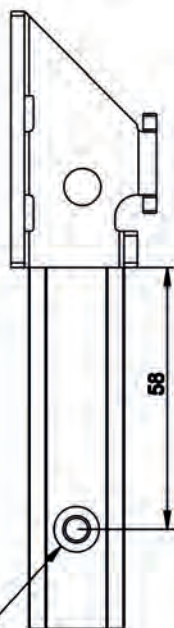
Drilling back
front of the
guide

Solution 2 :
Locking the plate on the guide by using
the spur

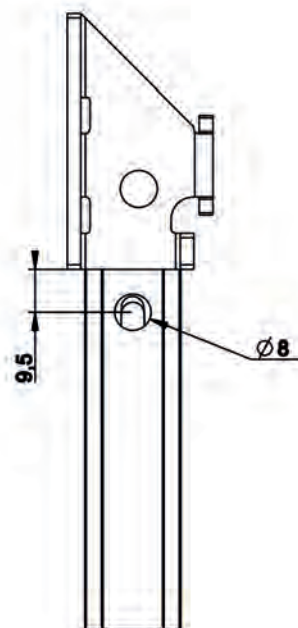
The spur of the plate get into the
drilling of the guide



Drilling on the front
back of the guide $\varnothing 10$



58



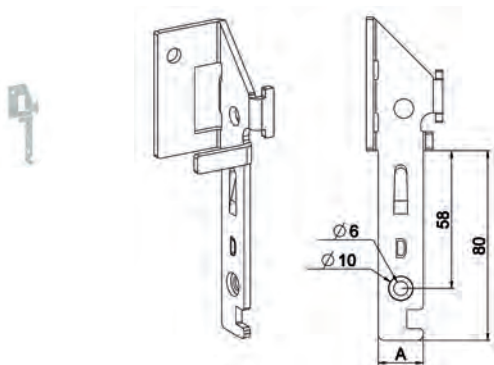
9.5

$\varnothing 8$



TRADI ZEDEF BRACKET

H354



Features

Galvanized steel thickness 3 mm.

Use

Provides the connection between the guide and the bracket plate.

Holds the entry guide.

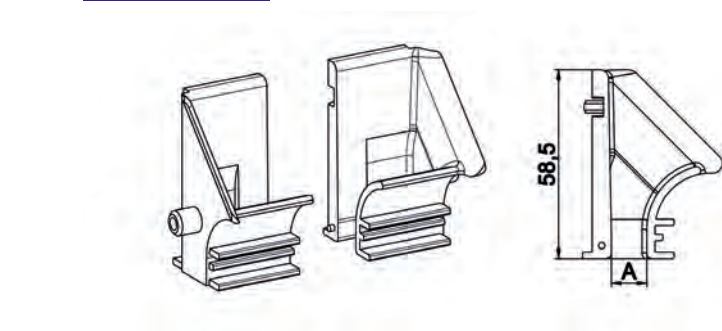
Presents 3 solutions for locking on the slide:

- By wedging with pin
- By screwing
- By punching of the guide

REF.	A	TYPE	PIN	PACK
H354	19	Right	With	150
H355	19	Left	With	150
H354C	15.5	Right	With	150
H355C	15.5	Left	With	150
H354D	19	Right	Without	150
H355D	19	Left	Without	150

TRADI ZEDEF ENTRY GUIDES

H360



Features

POM

Use

Use only with Ref. H354-H355

- For Tradi Zedef concept.

- For independent installation mounting.

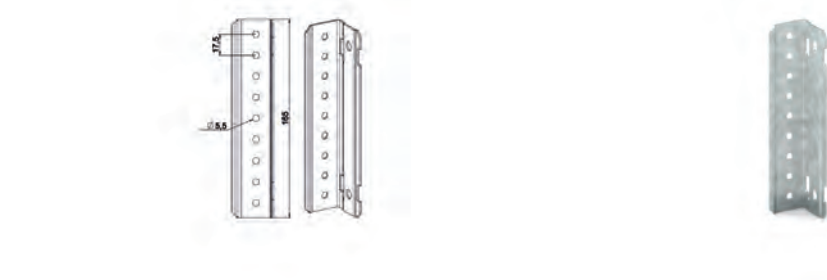
Locks the plate / bracket

Enables the use of hidden stop in the guide.

RÉF.	TYPE	A	COLOR	PACK.
H360	Pair 8mm slat	11	Natural	250
H360C1	Left 8mm slat	11	Natural	500
H360C2	Right 8mm slat	11	Natural	500
H361	Pair 14mm slat	16	Beige	250
H361C1	Left 14mm slat	16	Beige	500
H361C2	Right 14mm slat	16	Beige	500

BRACKET

B745



Features

Galvanized steel thickness 1.5 mm.

Use

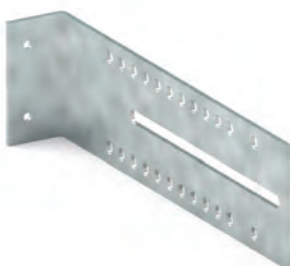
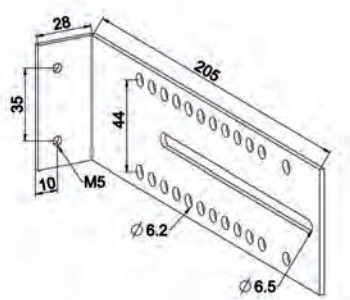
To be used with brackets above. Enables the use of brackets in following pages.

REF.	PACK.
B745	100



BRACKET

B237



Features

Galvanized steel thickness 2.5 mm.

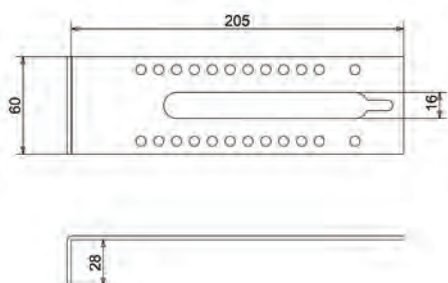
Use

On opposite side.

REF.	PACK.
B237	25

BRACKET

B237B



Features

Galvanized steel thickness 2.5 mm.

Use

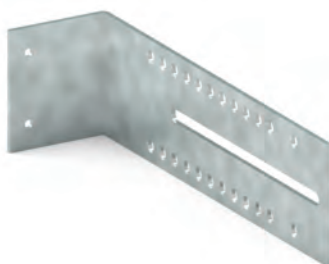
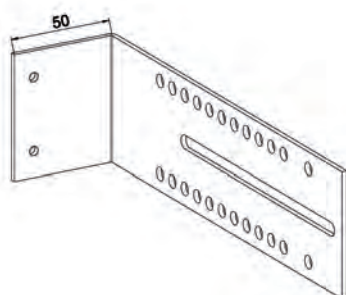
On opposite side.

For assembling 10 square.

REF.	PACK.
B237B	25

BRACKET

B247



Features

Galvanized steel thickness 2.5 mm.

Use

On gear side or opposite side.

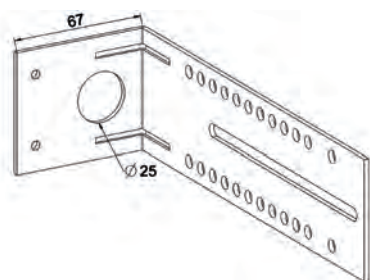
With gearbow with screw or tape coiler.

REF.	PACK.
B247	25



BRACKET

B240



Features

Galvanized steel thickness 2.5 mm.

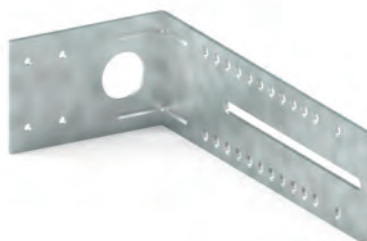
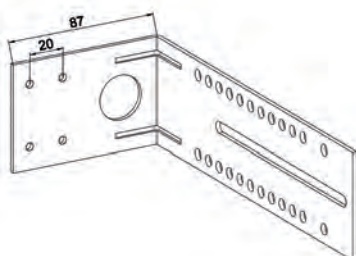
Use

On gear side or opposite side.

REF.	PACK.
B240	25

BRACKET

B244



Features

Galvanized steel thickness 2.5 mm.

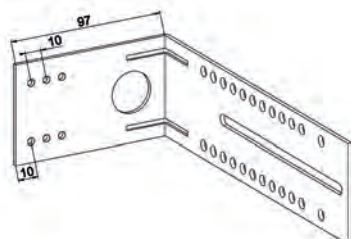
Use

On gear side or opposite side.

REF.	PACK.
B244	25

BRACKET

B270



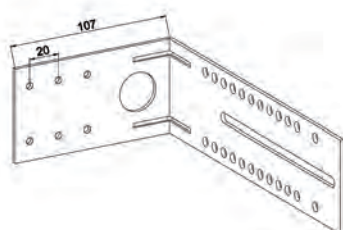
Features

Galvanized steel thickness 2.5 mm.

REF.	PACK.
B270	25

BRACKET

B268



Features

Galvanized steel thickness 2.5 mm.

Use

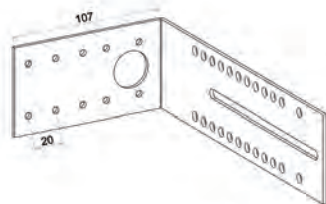
On gear side or opposite side.

REF.	PACK.
B268	25



BRACKET

B245



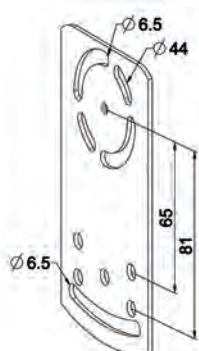
Features

Galvanized steel thickness 2.5 mm.

REF.	PACK.
B245	25

PLATE

C505



Features

Galvanized steel thickness 2 mm.

Use

Allows angular adjustment of conical and Conipact gearbox.

RÉF.	PACK.
C505	100

CLIP-ON SCREW NUT

4503



Features

Galvanized steel

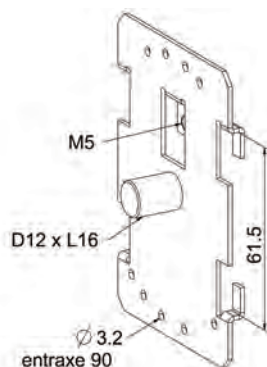
Use

To be use used with C505 plate.
Enables to fasten Conipact gearbox.

RÉF.	PACK.
4503	1000

SLIDING PLATE

C524B



Features

Galvanized steel, thickness 1,5 mm.

Use

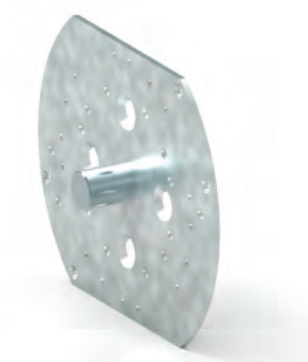
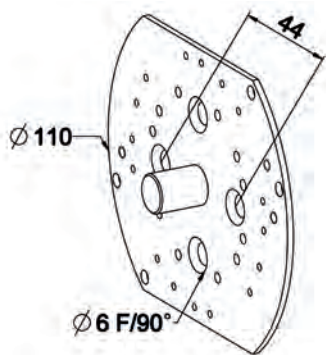
To be used with brackets pages. Enables to lock previous Technivis and Vis gearboxes.

RÉF.	PACK.
C524B	100



12 MM PIN PLATE

C523A



Features

Galvanized steel thickness 2 mm.

Use

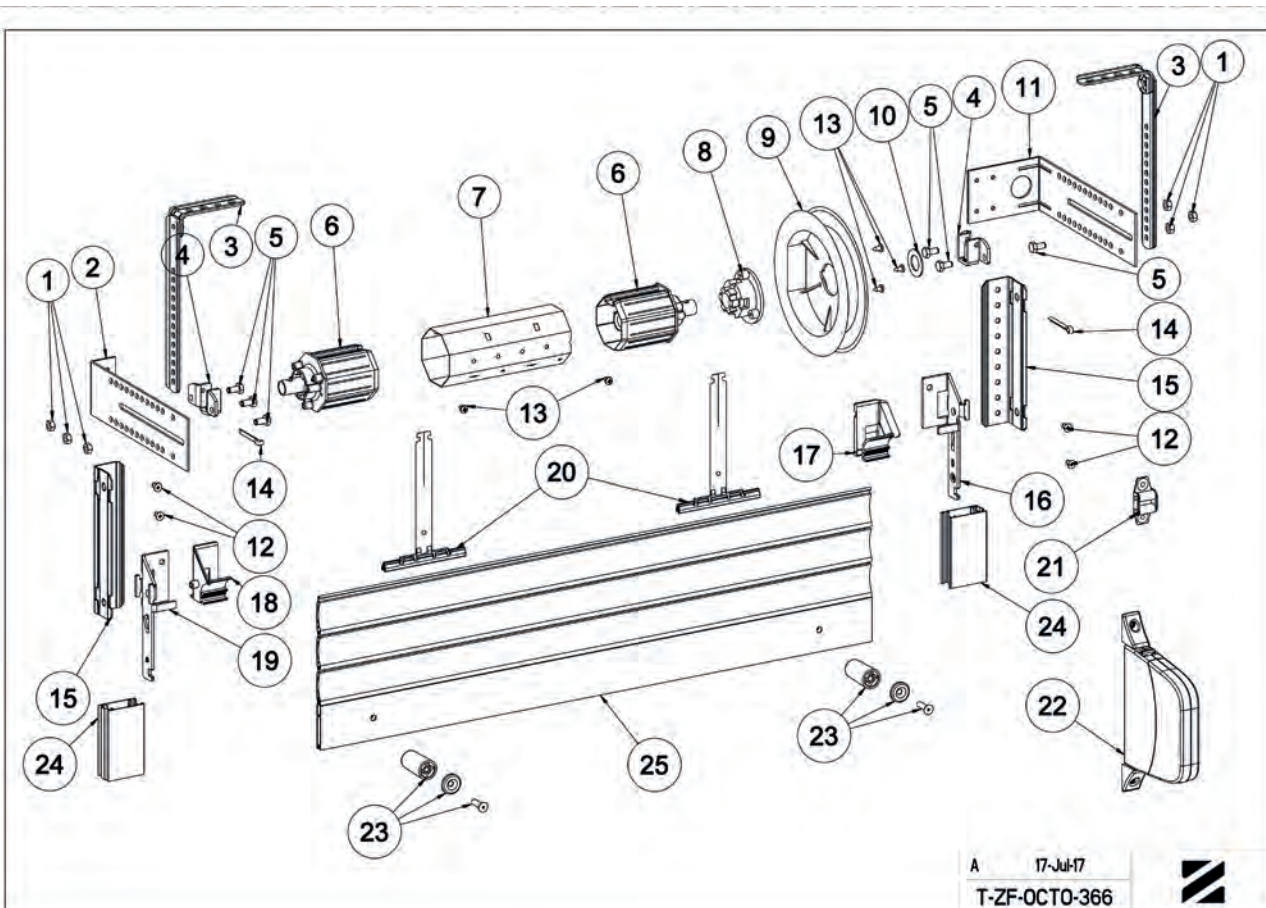
To be used with Vis frein, Minivis, Technivis gearboxes.

RÉF.	PACK.
C523A	100



T-ZF-366 - BUILT-IN BOX TRADI SYSTEM - STRAP COILER - ZF54

MARK	QTY	REFERENCE	DESCRIPTION
1	6	4507	NUT M6
2	1	B237	GALVANISED BRACKET FOR OPPOSITE SIDE - OFFSET 28
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	2	B104	PIN BRACKET
5	6	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
6	2	A454	CAP FOR 60 MM OCTAGONAL TUBE CLAW COUPLING + TUBE D16 L=90
7	-	---	60 MM OCTAGONAL TUBE
8	1	G279	DISC CARRIER
9	1	G110	PULLEY Ø 160
OR	OR	OR	
9	1	G111	PULLEY Ø 180
10	1	A763	GALVANIZED WASHER
11	1	B240	GALVANIZED BRACKET OFFSET 67
OR	OR	OR	
11	1	B244	GALVANIZED BRACKET OFFSET 87
OR	OR	OR	
11	1	B268	GALVANIZED BRACKET OFFSET 107
12	4	4103	SCREW F S M 5-8 RL ZN8/A/FE
13	5	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
14	2	4629	SPLINT 4 X 32
15	2	B745	PLATE FOR BUILT-IN TRADI ZF
16	1	H354	GALVANIZED BRACKET - RIGHT
17	1	H360C2	TRADI ZF ENTRY GUIDES
OR	OR	OR	
17	1	H361C2	TRADI ZF ENTRY GUIDES
18	1	H360C1	TRADI ZF ENTRY GUIDES
OR	OR	OR	
18	1	H361C1	TRADI ZF ENTRY GUIDES
19	1	H355	GALVANIZED BRACKET - LEFT
20	2 MINI	H880B	FIXING SPRING TO CLIP L150 GREY 8 MM SLAT
OR	OR	OR	
20	2 MINI	H881B	FIXING SPRING TO CLIP L150 GREY 9,5 MM SLAT
21	1	G204	STRAP GUIDES 17 MM WITH ROLLERS - GALVANIZED
22	1	G570	COILER OPEN UP WITHOUT STRAP
23	2	H138	ROUND STOPPER WITH RING AND SCREW
24	-	--	GUIDE RAILS
25	-	-	SHUTTER



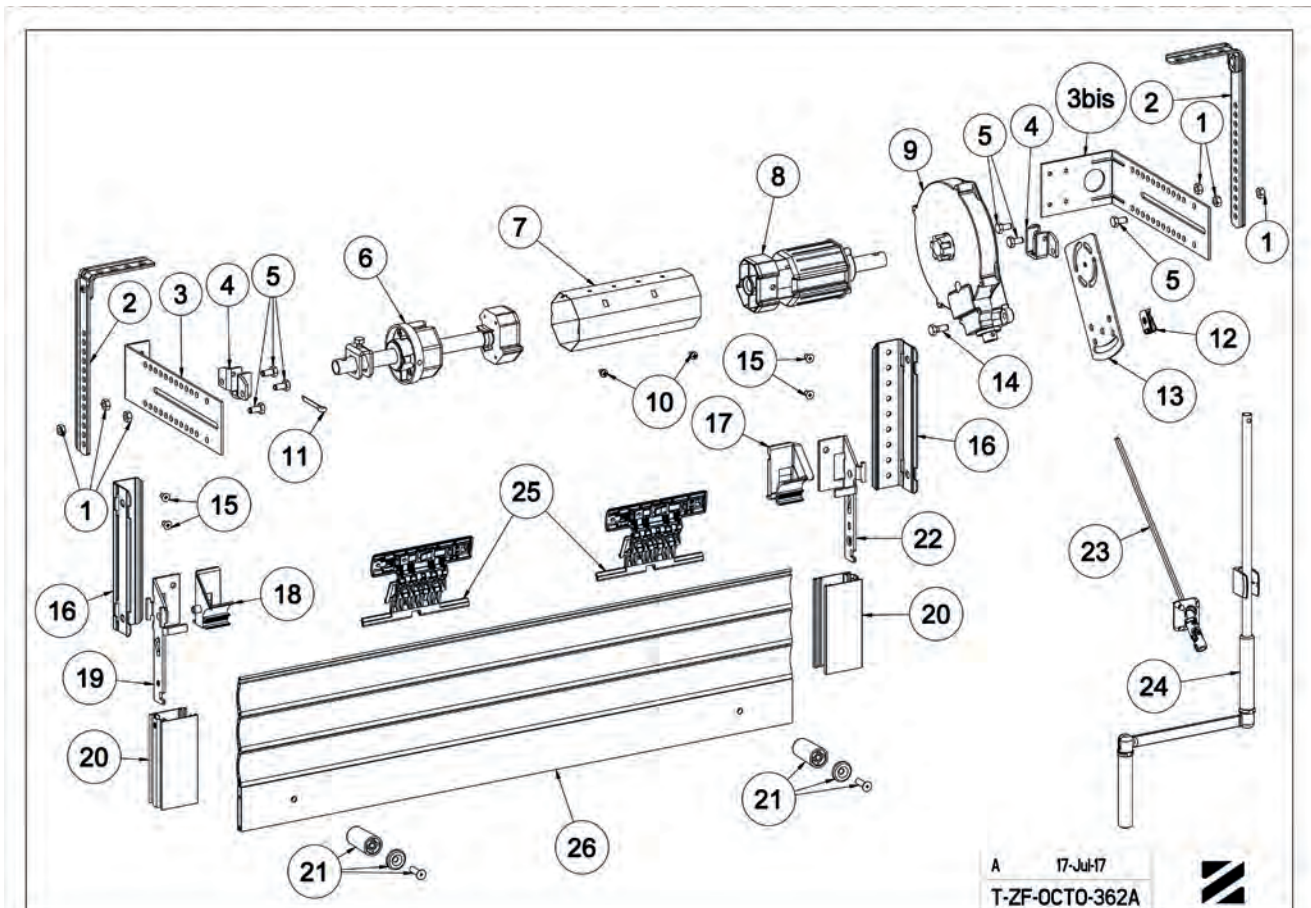
A 17-Jul-17
T-ZF-OCTO-366





T-ZF-362A - ASSEMBLY CONIPACT GEARBOX FOR 60 MM OCTAGONAL TUBE

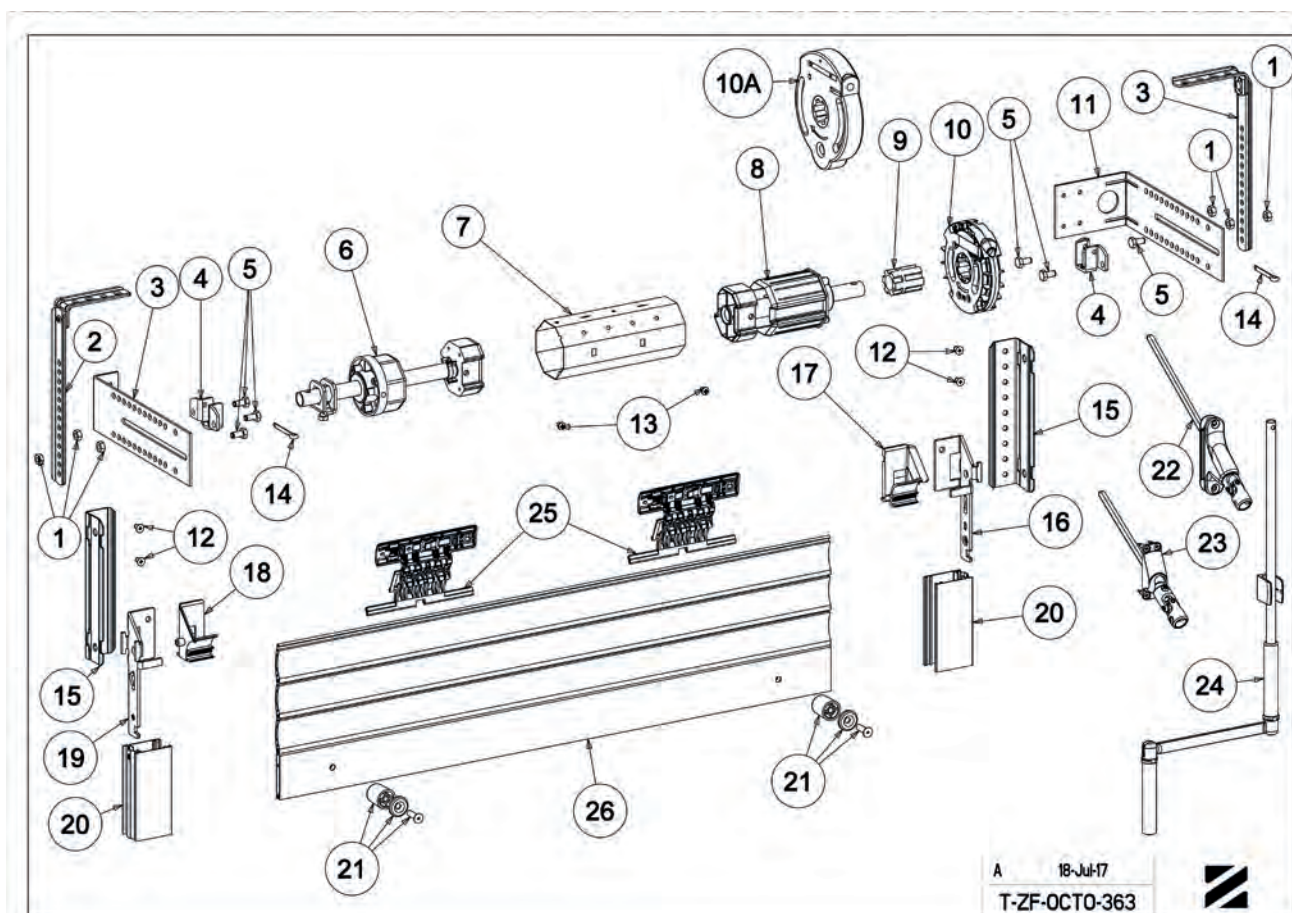
MARK	QTY	REFERENCE	DESCRIPTION
1	6	4507	NUT M6
2	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
3	1	B237	GALVANISED BRACKET FOR OPPOSITE SIDE - OFFSET 28
3BIS	1	B244	GALVANIZED BRACKET OFFSET 87
OR	OR	OR	
3BIS	1	B268	GALVANIZED BRACKET OFFSET 107
4	2	B104	PIN BRACKET
5	6	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
6	1	A459	ADJUSTABLE DUMMY END FOR 60 OCTAGONAL TUBE
7	-	---	60 MM OCTAGONAL TUBE
8	1	A458	DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING
9	1	C162	CONIPACT GEARBOX
10	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
11	1	4629	SPLINT 4 X 32
12	1	4503	NUT M6 ZINK COATED FINIGRAD REF 130793 002
13	1	C505	CONICAL GEARBOX AND CONIPACT BRACKET
14	1	4128A	SCREW H M 6-16 8-8
15	4	4103	SCREW F S M 5-8 RL ZN8/A/FE
16	2	B745	PLATE FOR BUILT-IN TRADI ZF
17	1	H360C2	TRADI ZF ENTRY GUIDES
OR	OR	OR	
17	1	H361C2	TRADI ZF ENTRY GUIDES
18	1	H360C1	TRADI ZF ENTRY GUIDES
OR	OR	OR	
18	1	H361C1	TRADI ZF ENTRY GUIDES
19	1	H355	GALVANIZED BRACKET - LEFT
20	-	-	SHUTTER
21	2	H135	ROUND STOPPER WITH RING AND SCREW
OR	OR	OR	
21	2	H138	ROUND STOPPER WITH RING AND SCREW
22	1	H354	GALVANIZED BRACKET - RIGHT
23	-	D174NG	CARDAN JOINT
24	1	SERIE E6XX	CRANK HANDLE
25	2MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
25	2MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
25	2MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
25	2MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
25	2MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
25	2MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
25	2MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
26	-	-	SHUTTER





T-ZF-363 - ASSEMBLY WITH GEARBOX FOR OCTA 60 TUBE

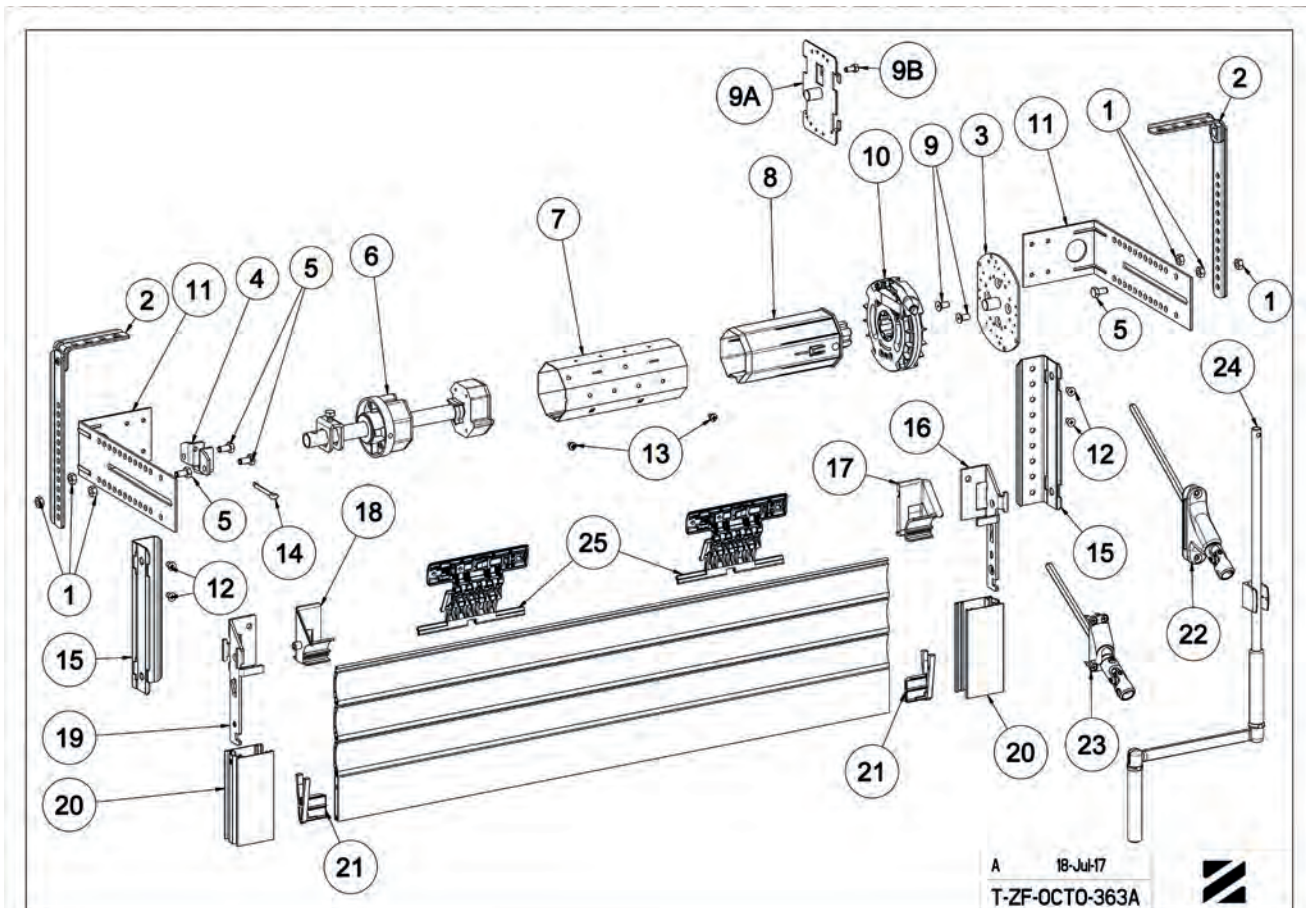
MARK	QTY	REFERENCE	DESCRIPTION
1	6	4507	NUT M6
2	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
3	1	B237	GALVANISED BRACKET FOR OPPOSITE SIDE - OFFSET 28
4	2	B104	PIN BRACKET
5	6	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
6	1	A459	ADJUSTABLE DUMMY END FOR 60 OCTAGONAL TUBE
7	-	-	60 MM OCTAGONAL TUBE
8	1	A458	DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING
9	1	C604	DRIVE HUB 16MM HOLE
10	1	C370	TECHNIVIS GEARBOX
OR		OR	
10A		C191C	GEARBOX
11	1	B244	GALVANIZED BRACKET OFFSET 87
OR	OR	OR	
11	1	B268	GALVANIZED BRACKET OFFSET 107
12	4	4103	SCREW F S M 5-8 RL ZN8/A/FE
13	2	4209	SCREW CBL Z ST 4.2 - 9.5 C ZN8/A/FE
14	2	4629	SPLINT 4 X 32
15	2	B745	PLATE FOR BUILT-IN TRADI ZF
16	1	H354	GALVANIZED BRACKET - RIGHT
17	1	H360C2	TRADI ZF ENTRY GUIDES
OR	OR	OR	
17	1	H361C2	TRADI ZF ENTRY GUIDES
18	1	H360C1	TRADI ZF ENTRY GUIDES
OR	OR	OR	
18	1	H361C1	TRADI ZF ENTRY GUIDES
19	1	H355	GALVANIZED BRACKET - LEFT
20	-	-	SHUTTER
21	2	H135	ROUND STOPPER WITH RING AND SCREW
OR	OR	OR	
21	1	H138	ROUND STOPPER WITH RING AND SCREW
22	1	D590MB	CARDAN JOINT 90 ° SMALL PLATE
OR		OR	
23		D476NG	CARDAN JOINT
24	1	-	SHUTTER
25	2MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
25	2MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
25	2MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
25	2MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
25	2MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
25	2MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
25	2MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
26	-	-	SHUTTER





T-ZF-363A - ASSEMBLY WITH GEARBOX FOR OCTA 60 TUBE

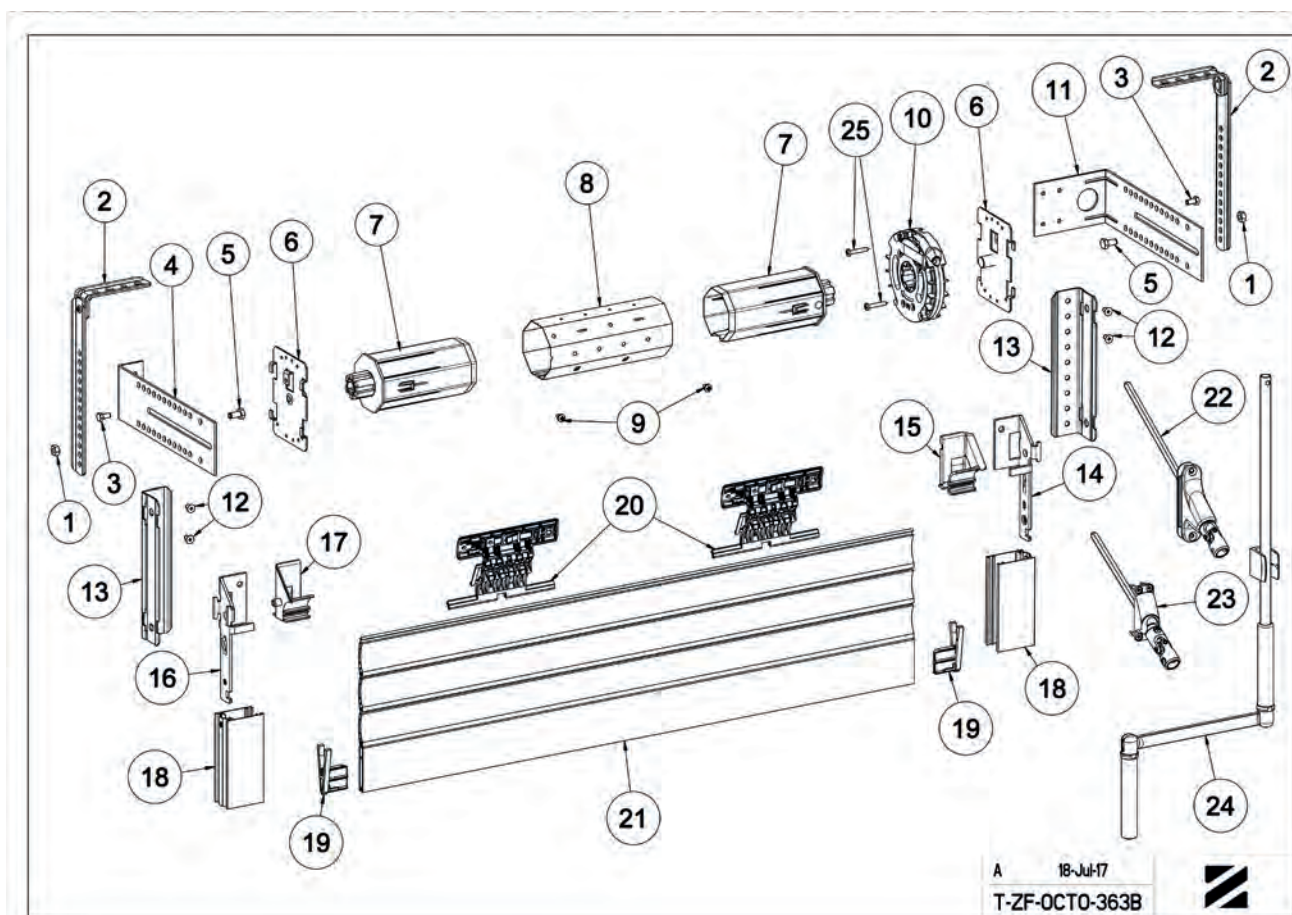
MARK	QTY	REFERENCE	DESCRIPTION
1	6	4507	NUT M6
2	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
3	1	C523A	BRACKET FOR GEARBOX
4	1	B104	PIN BRACKET
5	4	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
6	1	A459	ADJUSTABLE DUMMY END FOR 60 OCTAGONAL TUBE
7	-	----	60 MM OCTAGONAL TUBE
8	1	A483B	RETRACTABLE CAP 60 MM OCTA. CLAW MALE - 12MM BORE
9	2	4112	SCREW TF M6 X 12
10	1	C370	TECHNIVIS GEARBOX
11	2	B244	GALVANIZED BRACKET OFFSET 87
OR	OR	OR	
11	2	B268	GALVANIZED BRACKET OFFSET 107
12	4	4103	SCREW F S M 5-8 RL ZN8/A/FE
13	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
14	1	4629	SPLINT 4 X 32
15	2	B745	PLATE FOR BUILT-IN TRADI ZF
16	1	H354	GALVANIZED BRACKET - RIGHT
17	1	H360C2	TRADI ZF ENTRY GUIDES
OR	OR	OR	
17	1	H361C2	TRADI ZF ENTRY GUIDES
18	1	H360C1	TRADI ZF ENTRY GUIDES
OR	OR	OR	
18	1	H361C1	TRADI ZF ENTRY GUIDES
19	1	H355	GALVANIZED BRACKET - LEFT
20	-	--	GUIDE RAILS
21	2	SERIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
21	2	SERIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
22	1	D590MB	CARDAN JOINT 90 ° SMALL PLATE
OR	OR	OR	
23	23	D476NG	CARDAN JOINT
24	1	-	SHUTTER
25	2MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
25	2MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
25	2MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
25	2MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
25	2MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
25	2MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
25	2MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING





T-ZF-363B - ASSEMBLY WITH GEARBOX FOR OCTA 60 TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	2	4507	NUT M6
2	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
3	2	4122	SCREW H M 5-10 6-8 ZN8/A/FE
4	1	B237	GALVANIZED BRACKET FOR OPPOSITE SIDE - OFFSET 28
5	2	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
6	2	C524B	SLIDING BRACKET
7	2	A483B	RETRACTABLE CAP 60 MM OCTA. CLAW MALE - 12MM BORE
8	-	----	60 MM OCTAGONAL TUBE
9	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
10	1	C370	TECHNIVIS GEARBOX
11	1	B244	GALVANIZED BRACKET OFFSET 87
OR	OR	OR	
11	1	B268	GALVANIZED BRACKET OFFSET 107
12	4	4103	SCREW F S M 5-8 RL ZN8/A/FE
13	2	B745	PLATE FOR BUILT-IN TRADI ZF
14	1	H354	GALVANIZED BRACKET - RIGHT
15	1	H360C2	TRADI ZF ENTRY GUIDES
OR	OR	OR	
15	1	H361C2	TRADI ZF ENTRY GUIDES
16	1	H355	GALVANIZED BRACKET - LEFT
17	1	H360C1	TRADI ZF ENTRY GUIDES
OR	OR	OR	
17	1	H361C1	TRADI ZF ENTRY GUIDES
18	2	--	GUIDE RAILS
19	2	SERIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
19	2	SERIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
20	2MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
20	2MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
20	2MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
20	2MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
20	2MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
20	2MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
20	2MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
21	1	-	SHUTTER
22	1	D590MB	CARDAN JOINT 90 ° SMALL PLATE
OR	OR	OR	
23	1	D476NG	CARDAN JOINT
24	1	SERIE E6XX	CRANK HANDLE



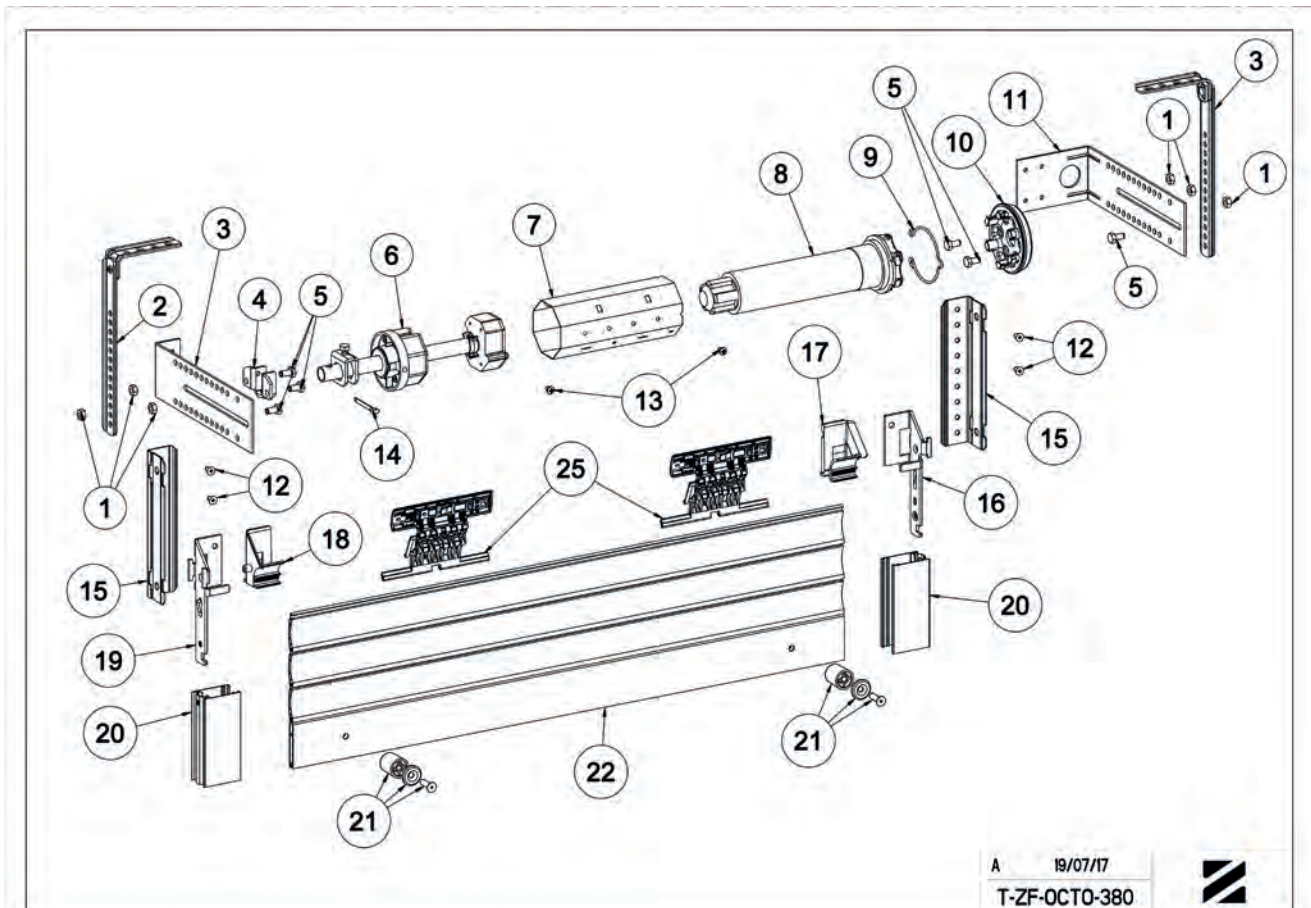
A 18-Jul-17
T-ZF-OCTO-363B





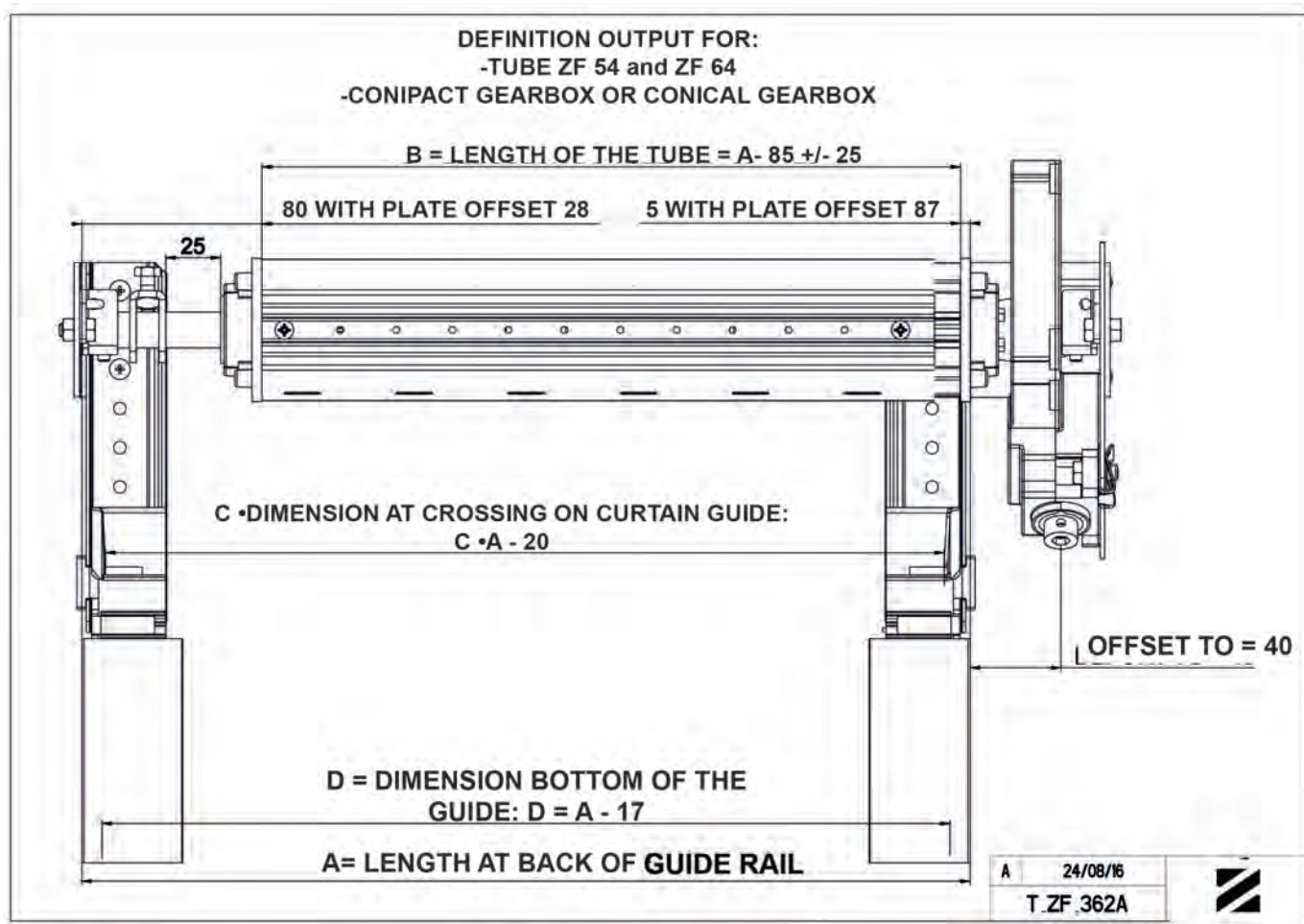
T-ZF-380 - ASSEMBLY «TRADI CORNIERE» SOMFY MOTOR FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	6	4507	NUT M6
2	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
3	1	B237	GALVANISED BRACKET FOR OPPOSITE SIDE - OFFSET 28
4	1	B104	PIN BRACKET
5	6	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
6	1	A459	ADJUSTABLE DUMMY END FOR 60 OCTAGONAL TUBE
7	-	---	60 MM OCTAGONAL TUBE
8	1	-	SOMFY MOTOR
9+10	1	-	SOMFY ZAMAK BRACKET + RING : 9420626 REF SOMFY
11	1	B244	GALVANIZED BRACKET OFFSET 87
OR	OR	OR	
11	1	B268	GALVANIZED BRACKET OFFSET 107
12	4	4103	SCREW F S M 5-8 RL ZN8/A/FE
13	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
14	1	4629	SPLINT 4 X 32
15	2	B745	PLATE FOR BUILT-IN TRADI ZF
16	1	H354	GALVANIZED BRACKET - RIGHT
17	1	H360C2	TRADI ZF ENTRY GUIDES
OR	OR	OR	
17	1	H361C2	TRADI ZF ENTRY GUIDES
18	1	H360C1	TRADI ZF ENTRY GUIDES
OR	OR	OR	
18	1	H361C1	TRADI ZF ENTRY GUIDES
19	1	H355	GALVANIZED BRACKET - LEFT
20	2	--	GUIDE RAILS
21	2	H138	ROUND STOPPER WITH RING AND SCREW
22	-	-	SHUTTER
25	2MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
25	2MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
25	2MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
25	2MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
25	2MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
25	2MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
25	2MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING

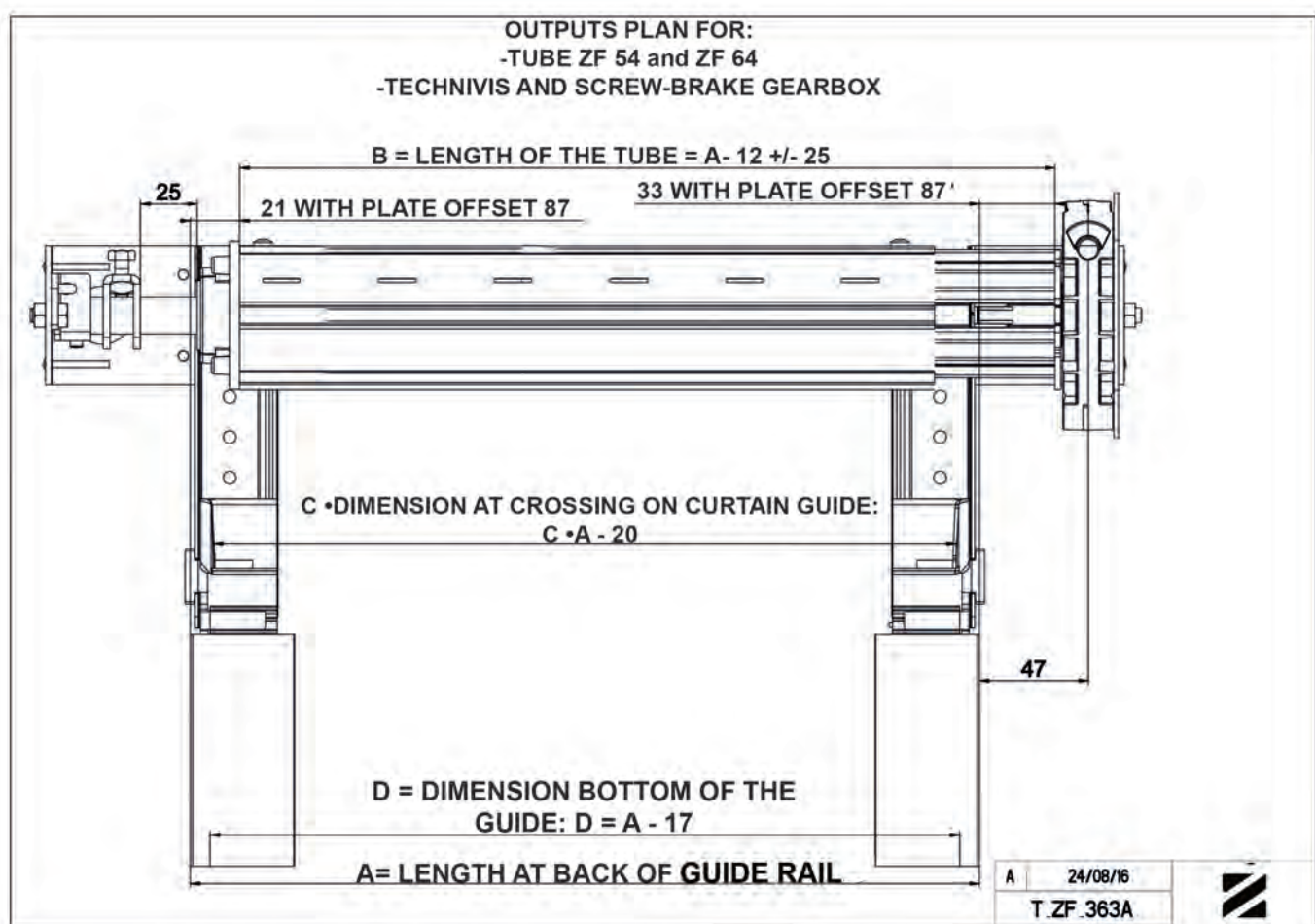




T-ZF-362A - CUTTING CHART

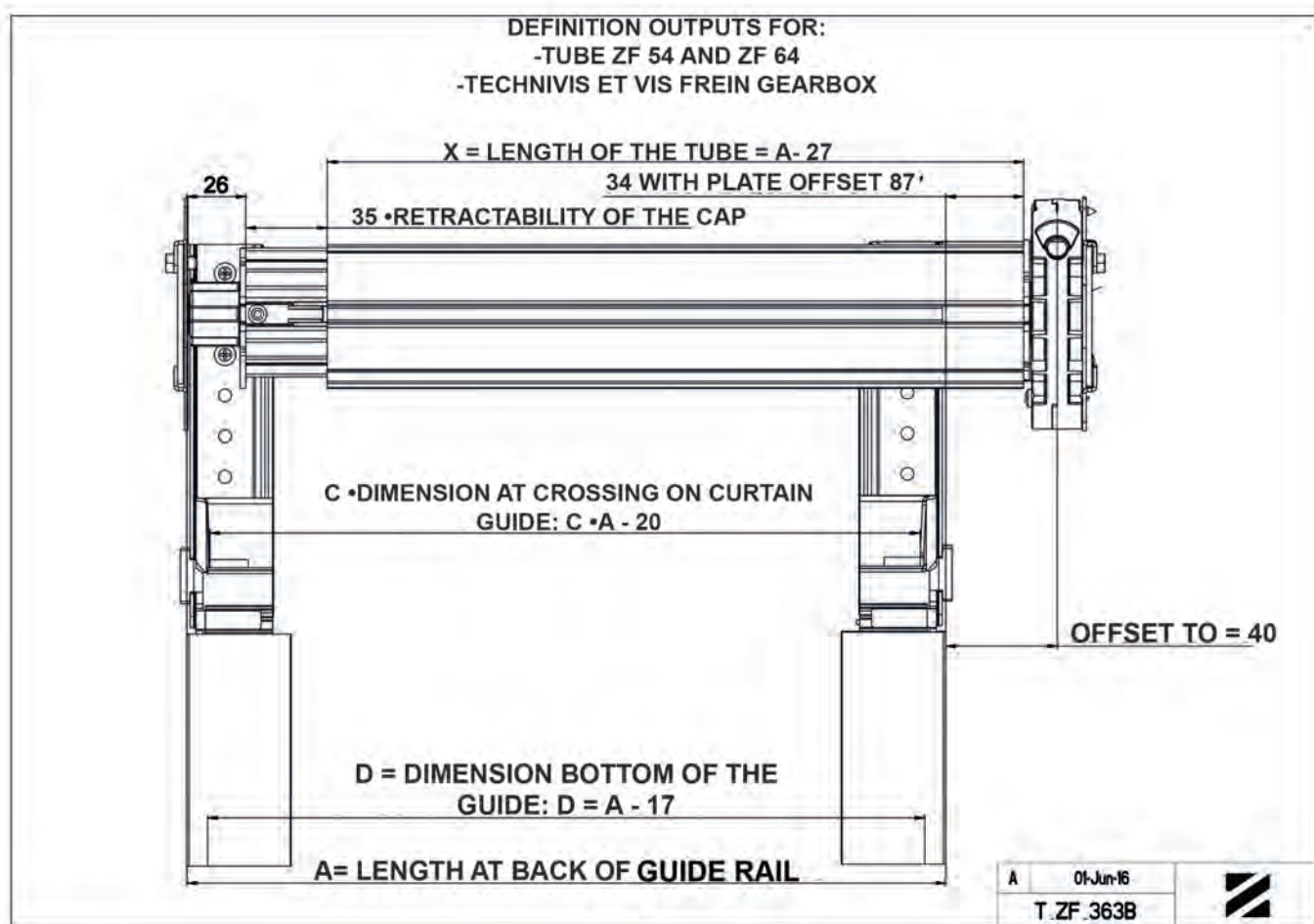


T-ZF-363A - CUTTING CHART

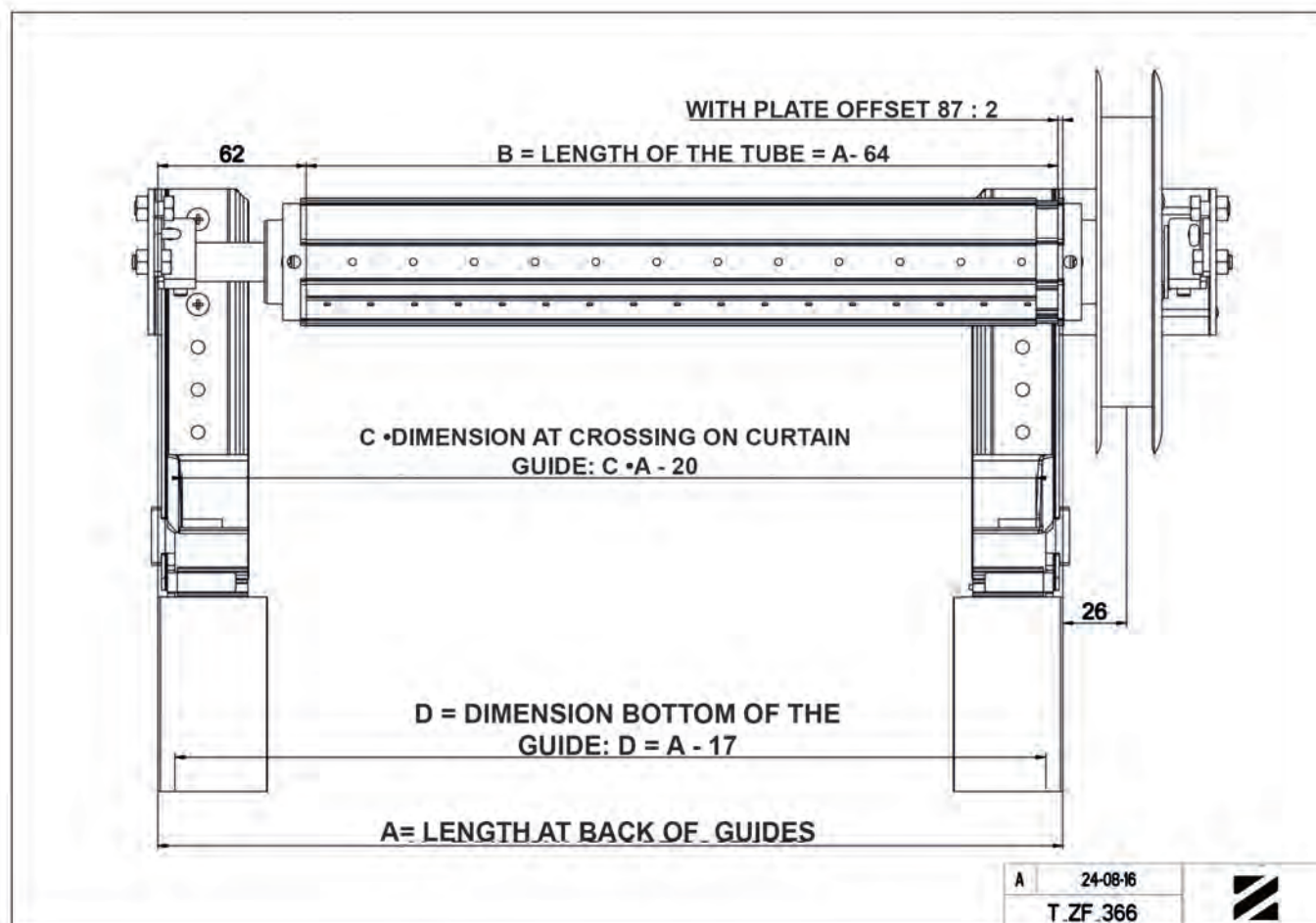




T-ZF-363B - CUTTING CHART

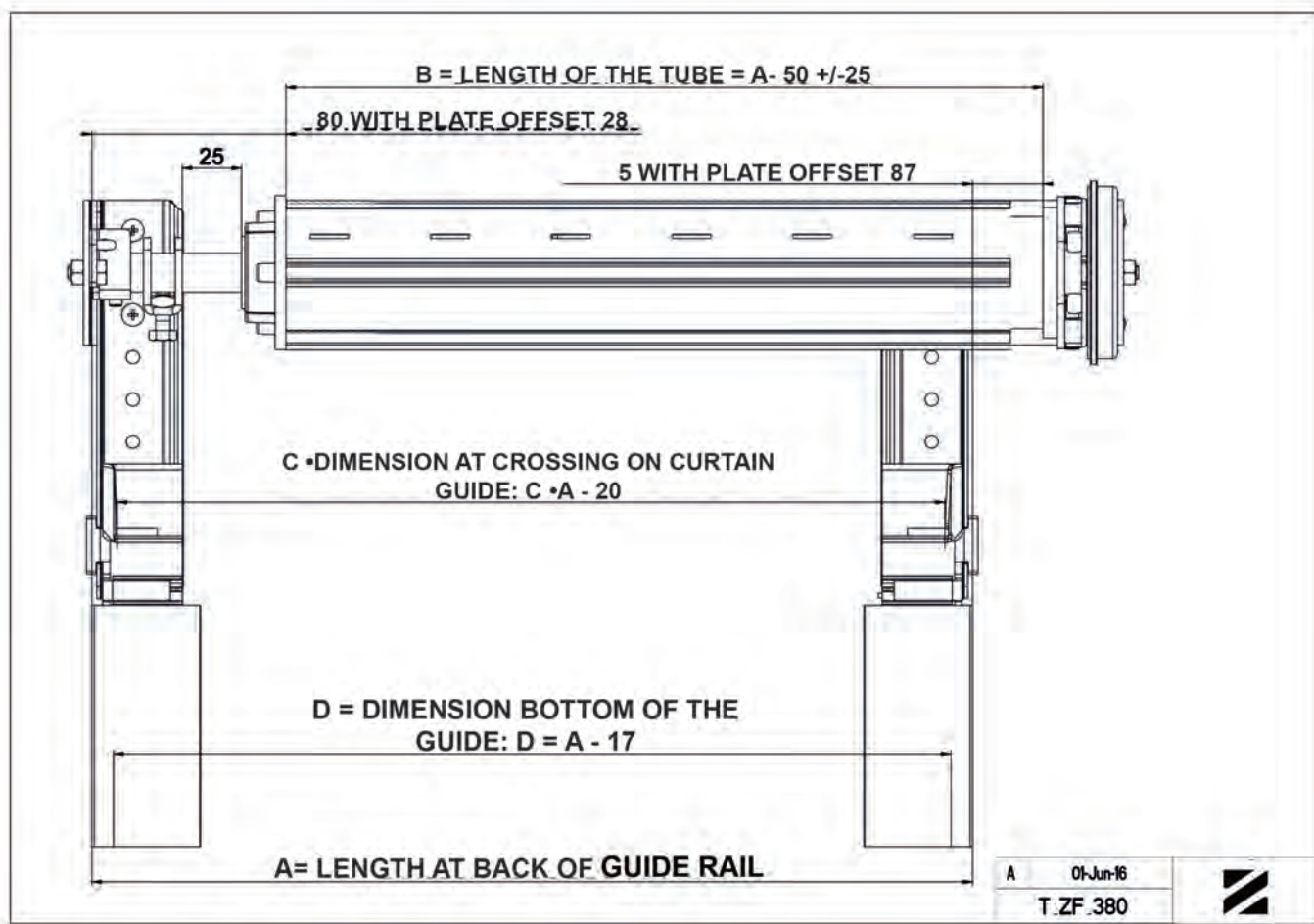


T-ZF-366 - CUTTING CHART





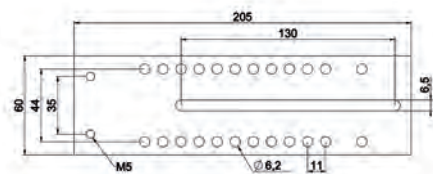
T-ZF-380 - CUTTING CHART





OPPOSITE PLATE

B238



Features

Galvanized steel thickness 2.5 mm.

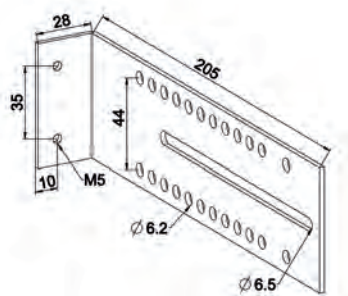
Use

On opposite side.

REF.	PACK.
B238	25

BRACKET OFFSET 28

B237



Features

Galvanized steel thickness 2.5 mm.

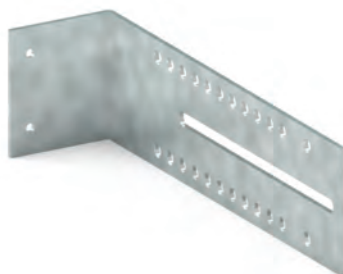
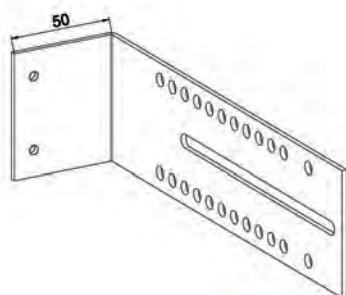
Use

On opposite side.

REF.	PACK.
B237	25

BRACKET OFFSET 50

B247



Features

Galvanized steel thickness 2.5 mm.

Use

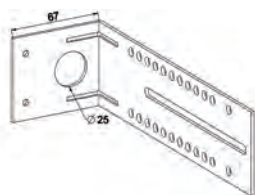
Side of handling or opposite handline.

REF.	PACK.
B247	25



BRACKET OFFSET 67

B240



Features

Galvanized steel thickness 2.5 mm.

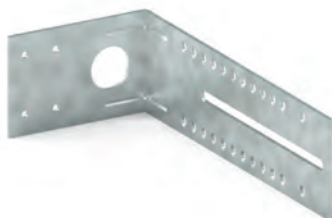
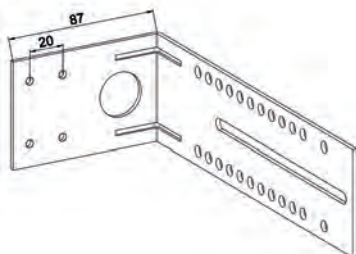
Use

To be used on the both sides.

REF.	PACK.
B240	25

BRACKET OFFSET 87

B244



Features

Galvanized steel thickness 2.5 mm.

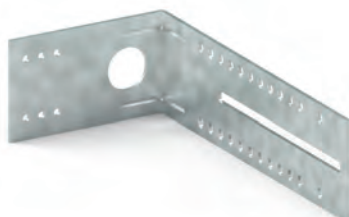
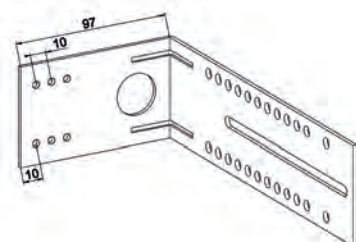
Use

To be used on the both sides.

REF.	PACK.
B244	25

BRACKET OFFSET 97

B270



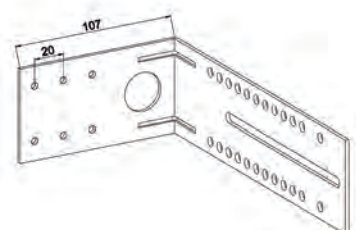
Features

Galvanized steel thickness 2.5 mm.

REF.	PACK.
B270	25

BRACKET OFFSET 107

B268



Features

Galvanized steel thickness 2.5 mm.

Use

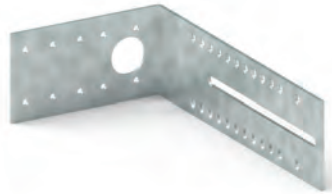
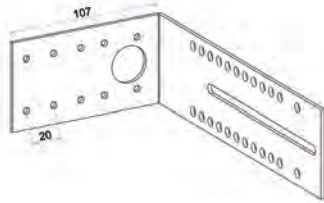
To be used on the both sides.

REF.	PACK.
B268	25



BRACKET OFFSET 107

B245



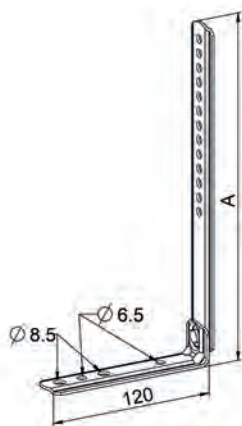
Features

Galvanized steel thickness 2.5 mm.

REF.	PACK.
B245	25

REINFORCEMENT BRACKET OFFSET 120 MM

B202



Features

Galvanized steel thickness 2 mm.

Use

Reinforcement bracket to be fastened to the wall.

REF.	DIM.A	DIM.B
B202	240	120
B203	200	120

REINFORCEMENT BRACKET OFFSET 80 MM

B204



Features

Galvanized steel thickness 2 mm.

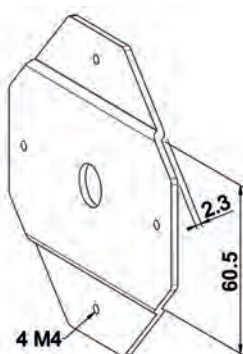
Use

Reinforcement bracket to be fastened to the wall.

REF.	DIM.A	DIM.B
B204	240	80
B205	200	80

PLATE

C506



Features

Galvanized steel thickness 2.5 mm.

Use

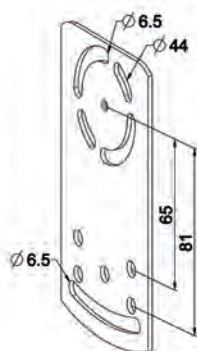
With Vis Frein and Technivis gearboxes.

REF.	PACK.
C506	100



PLATE

C505



Features

Galvanized steel thickness 2 mm.

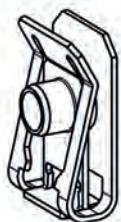
Use

Allows angular adjustment of conical and Conipact gearboxes.

RÉF.	PACK.
C505	100

CLIP-ON SCREW NUT

4503



Features

Galvanized steel

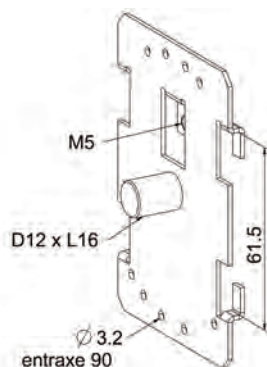
Use

To be used with C505 plate. Enables to fasten Conipact gearbox.

RÉF.	PACK.
4503	1000

SLIDING PLATE

C524B



Features

Galvanized steel thickness 1.5 mm.

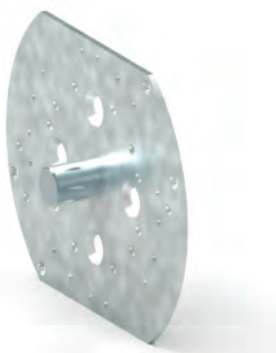
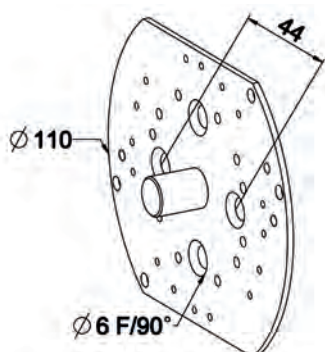
Use

To be used with C505 plate. Enables to lock Technivis and Vis Frein gearboxes.

RÉF.	PACK.
C524B	100

12 MM PIN PLATE

C523A



Features

Galvanized steel thickness 2 mm.

Use

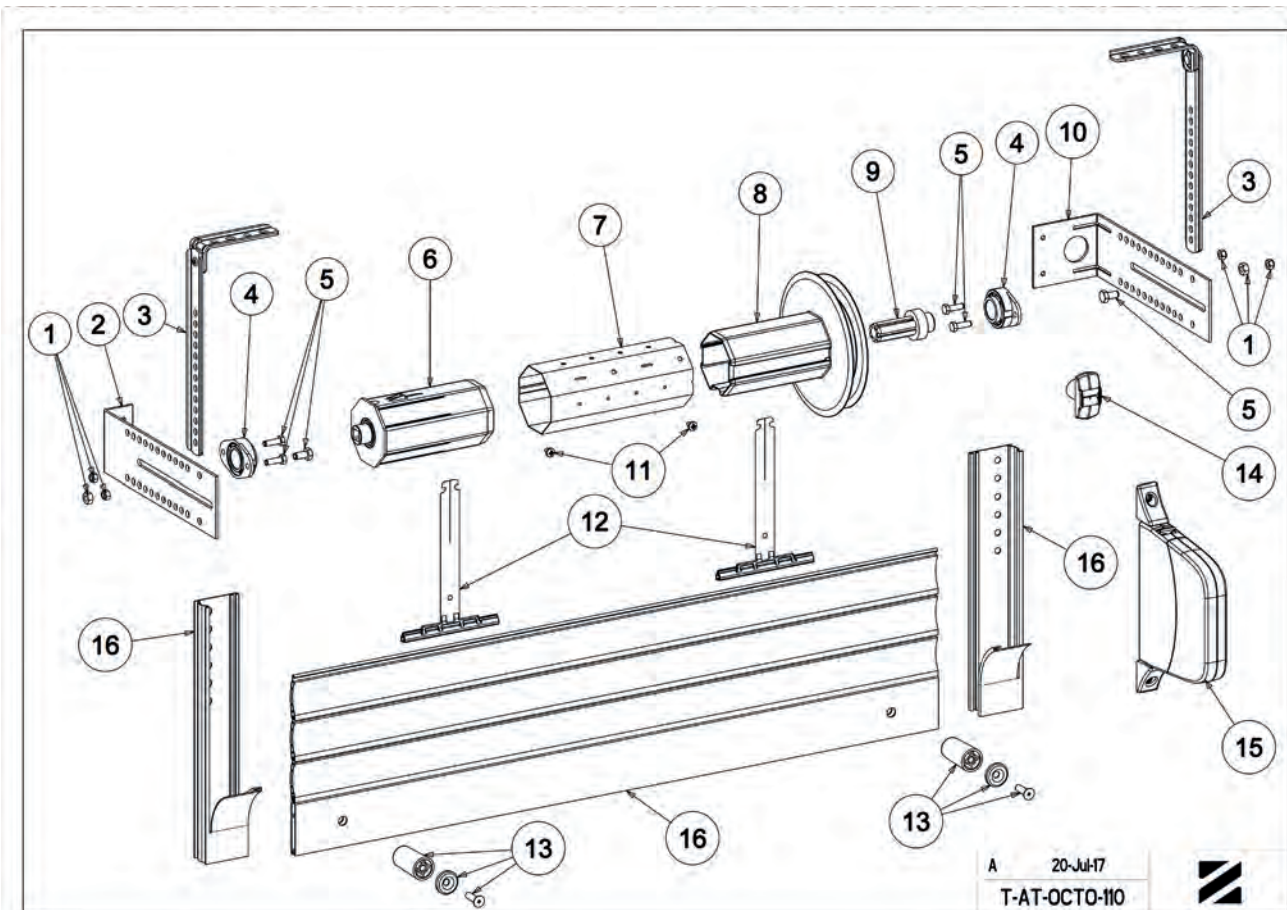
To be used with Minivis, Technivis and Vis Frein gearboxes.

RÉF.	PACK.
C523A	100



T-AT-110 - ASSEMBLY «BUILT-IN BOX TRADI SYSTEM» - STRAP COILER FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	6	4507	NUT M6
2	1	B237	GALVANISED BRACKET FOR OPPOSITE SIDE - OFFSET 28
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	2	B131AS	BEARING
5	6	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
6	1	A483A	RETRACTABLE CAP 60 MM OCTA. BEARING Ø 18 / 10 MM SQUARE
7	-	----	60 MM OCTAGONAL TUBE
8	1	G175D	PULLEY WITH CAP BALL BEARING Ø 135 OC60
9	1	G170C	HUB H 9.5 - Ø 18 - 12 MM BORE
10	1	B247	GALVANIZED BRACKET OFFSET 50
11	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
12	2 MINI	H880B	FIXING SPRING TO CLIP L150 GREY 8 MM SLAT
OR	OR	OR	
12	2MINI	H881B	FIXING SPRING TO CLIP L150 GREY 9,5 MM SLAT
13	2	H138	ROUND STOPPER WITH RING AND SCREW
14	1	G217	STRAP GUIDE WHITE
15	1	G570	COILER OPEN UP WITHOUT STRAP
16	-	--	GUIDE RAILS
17	-	-	SHUTTER



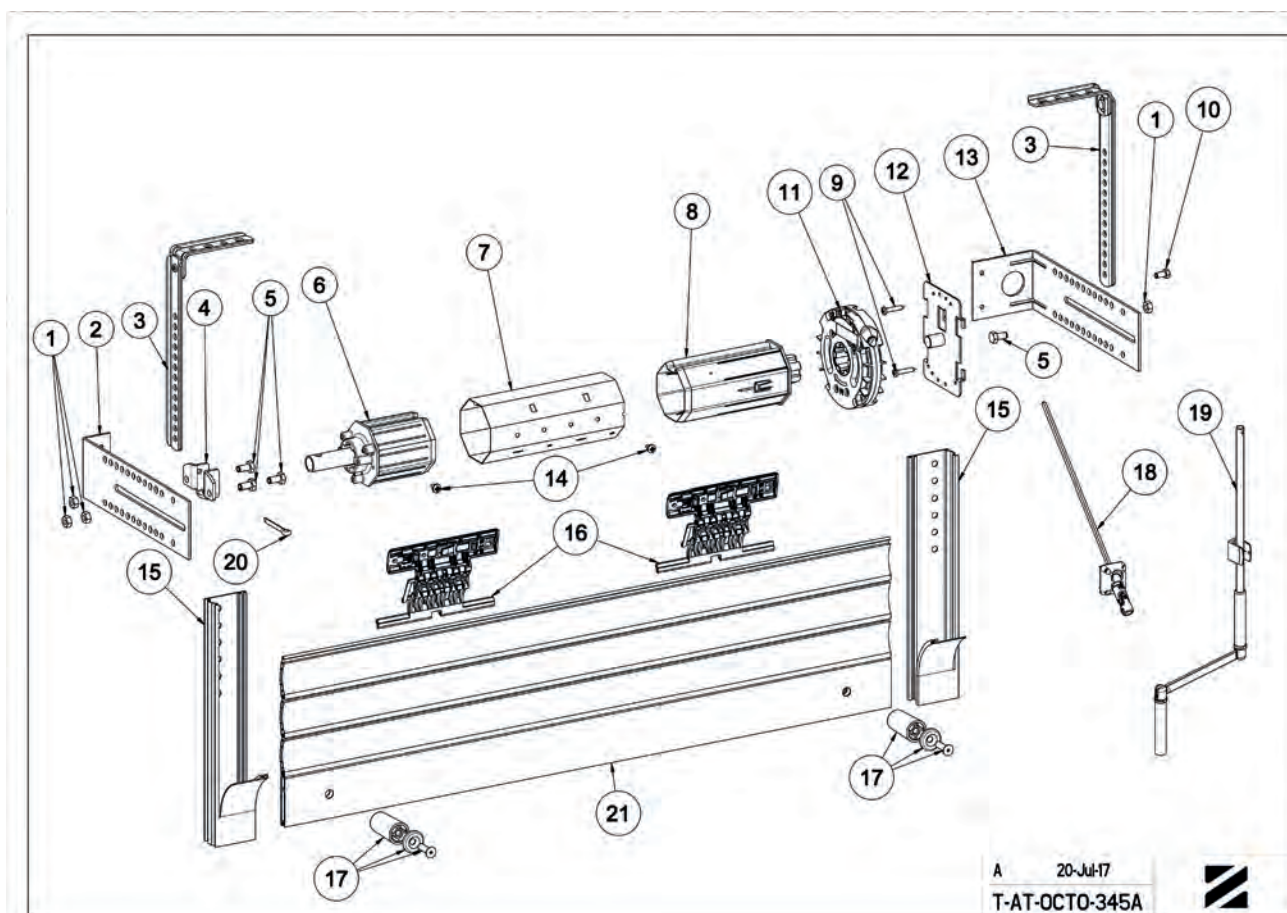
A 20-Jul-17
T-AT-OCTO-110





T-AT-345A - ASSEMBLY «BUILT-IN BOX TRADI SYSTEM» - TECHNIVIS GEARBOX FOR 60 MM OCTAGONAL TUBE

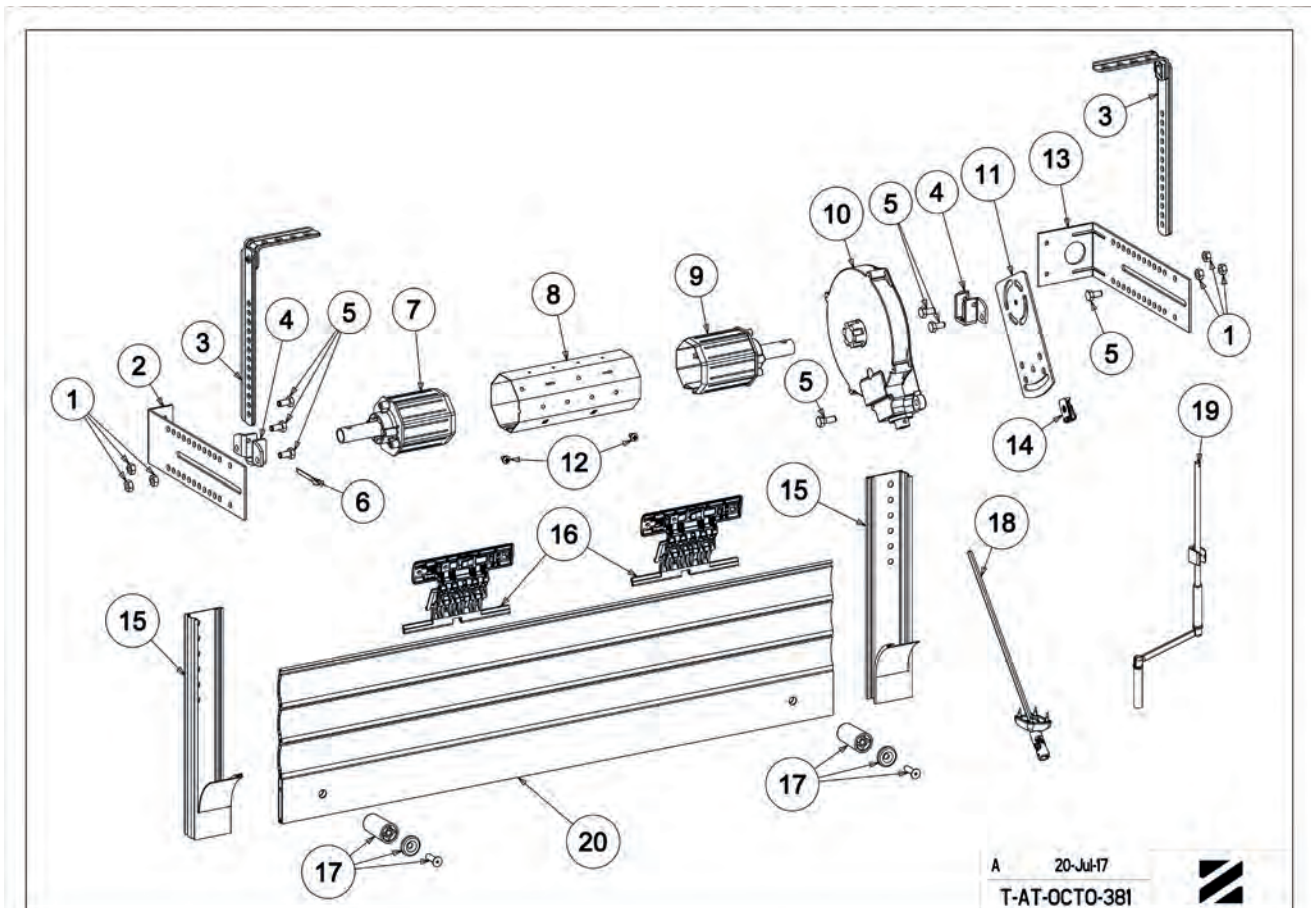
MARK	QTY	REFERENCE	DESCRIPTION
1	4	4507	NUT M6
2	1	B237	GALVANISED BRACKET FOR OPPOSITE SIDE - OFFSET 28
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	1	B104	PIN BRACKET
5	4	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
6	1	A454	CAP FOR 60 MM OCTAGONAL TUBE CLAW COUPLING + TUBE D16 L=90
7	-	----	60 MM OCTAGONAL TUBE
8	1	A483B	RETRACTABLE CAP 60 MM OCTA. CLAW MALE - 12MM BORE
9	2	4220	SCREW F Z ST 3,9-32 F ZN8/A/FE DIN7982
10	1	4122	SCREW H M 5-10 6-8 ZN8/A/FE
11	1	C370	TECHNIVIS GEARBOX
12	1	C524B	SLIDING BRACKET
13	1	B247	GALVANIZED BRACKET OFFSET 50
14	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
15	-	--	GUIDE RAILS
16	2 MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
16	2 MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
16	2 MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
16	2 MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
16	2 MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
16	2 MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
16	2 MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
17	2	H138	ROUND STOPPER WITH RING AND SCREW
18	1	D174NG	CARDAN JOINT
19	1	SERIE E6XX	CRANK HANDLE
20	1	4629	SPLINT 4 X 32
21	1	-	SHUTTER





T-AT-381 - ASSEMBLY BUILT-IN BOX TRADI SYSTEM CONIPACT GEARBOX ZF54 TUBE

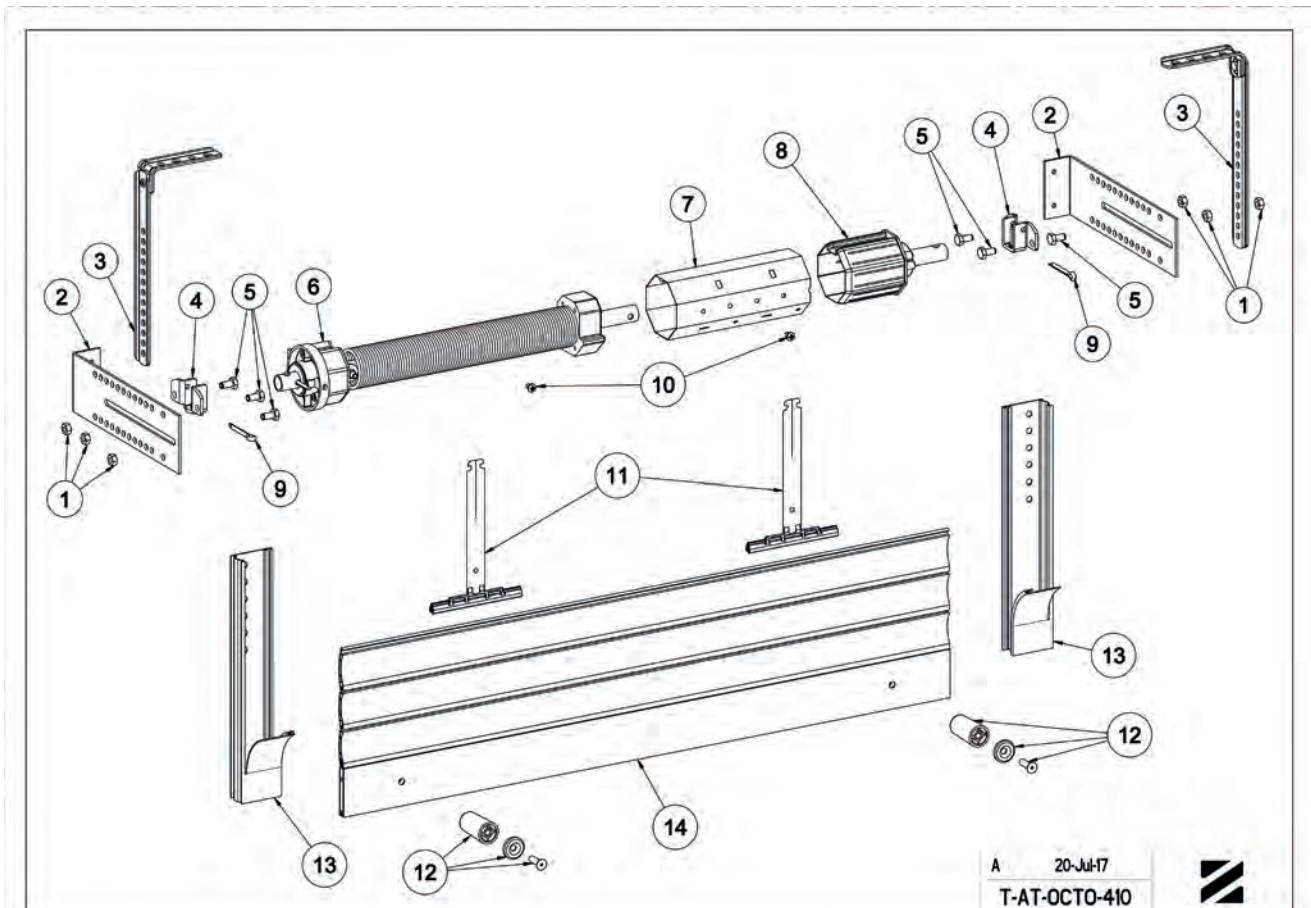
MARK	QTY	REFERENCE	DESCRIPTION
1	6	4507	NUT M6
2	1	B237	GALVANISED BRACKET FOR OPPOSITE SIDE - OFFSET 28
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	2	B104	PIN BRACKET
5	7	4128A	SCREW H M 6-16 8-8
6	1	4629	SPLINT 4 X 32
7 + 9	2	A454	CAP FOR 60 MM OCTAGONAL TUBE CLAW COUPLING + TUBE D16 L=90
8	-	----	60 MM OCTAGONAL TUBE
10	1	C162	CONIPACT GEARBOX
11	1	C505	CONICAL GEARBOX AND CONIPACT BRACKET
12	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
13	1	B240	GALVANIZED BRACKET OFFSET 67
OR	OR	OR	
13	1	B244	GALVANIZED BRACKET OFFSET 87
OR	OR	OR	
13	1	B268	GALVANIZED BRACKET OFFSET 107
14	1	4503	NUT M6 ZINK COATED FINIGRAD REF 130793 002
15	-	--	GUIDE RAILS
16	2 MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
16	2 MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
16	2 MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
16	2 MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
16	2 MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
16	2 MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
16	2 MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
17	2	H138	ROUND STOPPER WITH RING AND SCREW
18	-	D174NG	CARDAN JOINT
19	1	SERIE E6XX	CRANK HANDLE
20	-	-	SHUTTER





T-AT-410 - ASSEMBLY «TRADI POSE DRAPEAU» - DIRECT PULL FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	6	4507	NUT M6
2	2	B237	GALVANISED BRACKET FOR OPPOSITE SIDE - OFFSET 28
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	2	B104	PIN BRACKET
5	6	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
6	1	A866	SPRING LEFT FOR 60 MM OCTAGONAL TUBE DIRECT PULL
7	-	----	60 MM OCTAGONAL TUBE
8	1	A454	CAP FOR 60 MM OCTAGONAL TUBE CLAW COUPLING + TUBE D16 L=90
9	2	4629	SPLINT 4 X 32
10	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
11	2 MINI	H880B	FIXING SPRING TO CLIP L150 GREY 8 MM SLAT
OR	OR	OR	
11	2 MINI	H881B	FIXING SPRING TO CLIP L150 GREY 9,5 MM SLAT
12	2	H138	ROUND STOPPER WITH RING AND SCREW
13	-	--	GUIDE RAILS
14	-	-	SHUTTER



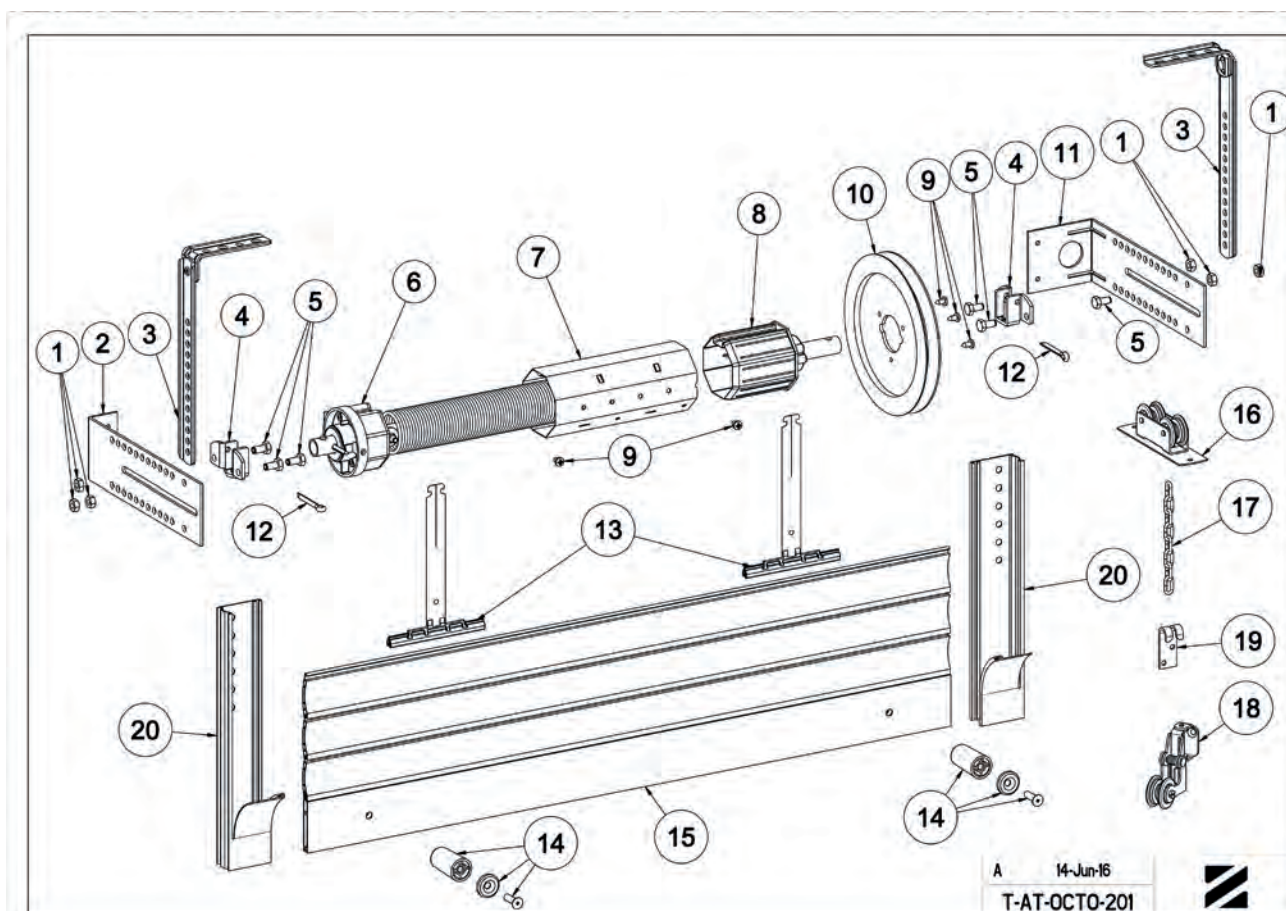
A 20-Jul-17
T-AT-OCTO-410





T-AT-201 - ASSEMBLY «TRADI POSE DRAPEAU» - STEEL CHAIN FOR 60 MM OCTAGONAL TUBE

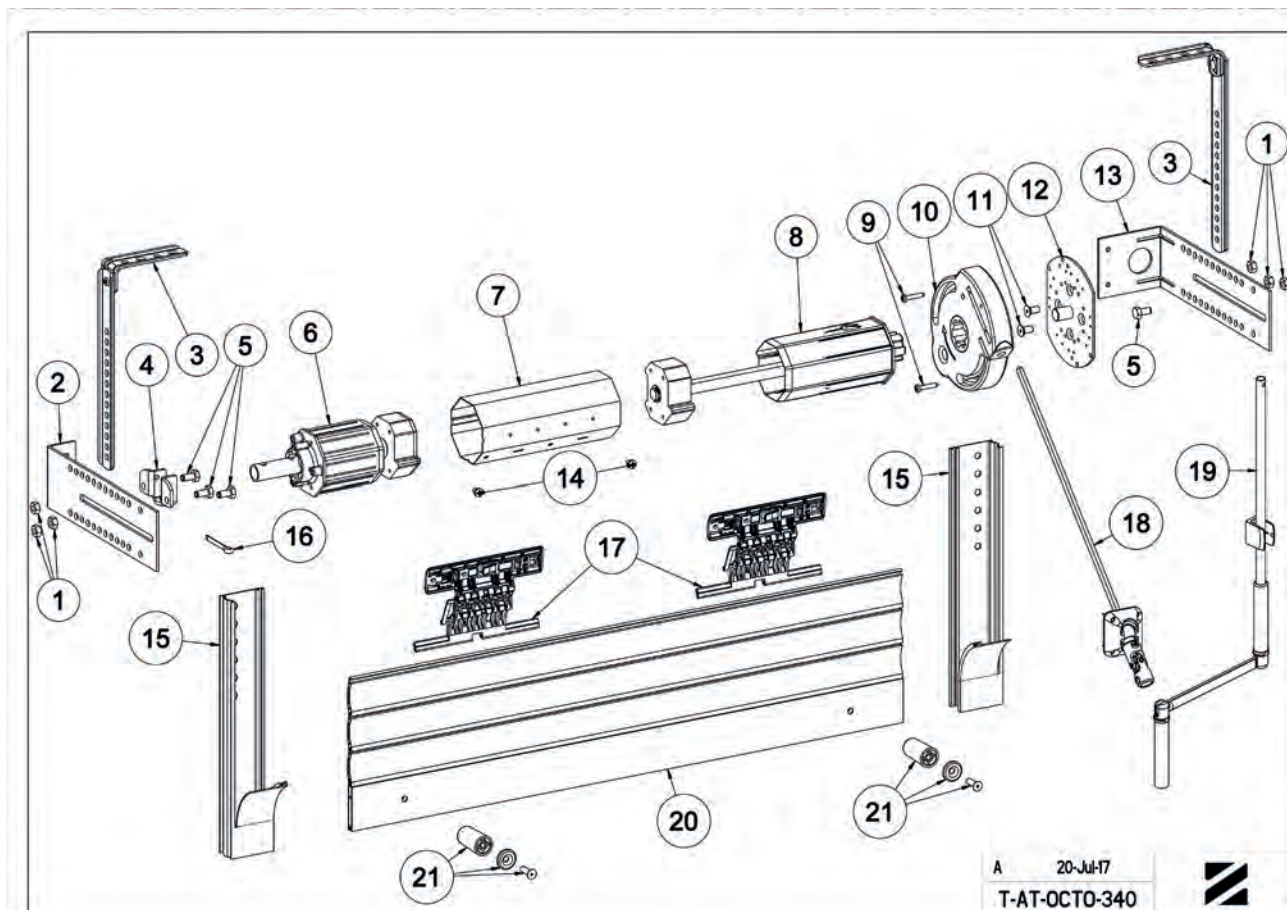
MARK	QTY	REFERENCE	DESCRIPTION
1	6	4507	NUT M6
2	1	B237	GALVANISED BRACKET FOR OPPOSITE SIDE - OFFSET 28
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	2	B104	PIN BRACKET
5	6	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
6	1	A866	SPRING LEFT FOR 60 MM OCTAGONAL TUBE DIRECT PULL
7	-	---	60 MM OCTAGONAL TUBE
8	1	A454	CAP FOR 60 MM OCTAGONAL TUBE CLAW COUPLING + TUBE D16 L=90
9	5	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
10	1	G243	DISC FOR STEEL CHAIN Ø 150 GALVANIZED
OR	OR	OR	
10	1	G244	DISC FOR STEEL CHAIN Ø 180 GALVANIZED
11	1	B240	GALVANIZED BRACKET OFFSET 67
OR	OR	OR	
11	1	B244	GALVANIZED BRACKET OFFSET 87
OR	OR	OR	
11	1	B268	GALVANIZED BRACKET OFFSET 107
12	2	4629	SPLINT 4 X 32
13	2 MINI	H880B	FIXING SPRING TO CLIP L150 GREY 8 MM SLAT
OR	OR	OR	
13	2 MINI	H881B	FIXING SPRING TO CLIP L150 GREY 9,5 MM SLAT
14	2	H138	ROUND STOPPER WITH RING AND SCREW
15	-	-	SHUTTER
16	1	G257	DISC FOR METALLIC CHAIN ON PLATE
17	1	G274	STEEL CHAIN UNWELD WHITE
18	1	G275	SWIVELLING CHAIN TENSIONER
19	1	G277	CHAIN HOOK WHITE
20	-	--	GUIDE RAILS





T-AT-340 - ASSEMBLY «TRADI POSE DRAPEAU» FOR 25 KG GEARBOX (C191) FOR 60 MM OCTA TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	6	4507	NUT M6
2	1	B237	GALVANISED BRACKET FOR OPPOSITE SIDE - OFFSET 28
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	1	B104	PIN BRACKET
5	4	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
6	1	A458	DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING
7	-	----	60 MM OCTAGONAL TUBE
8	1	A484	RETRACTABLE DUMMY END FOR 60 OCTAGONAL 12MM HOLE
9	2	4203	SCREW CBL Z ST 3,9 - 25 ZN72
10	1	C191	GEARBOX
11	2	4112	SCHRAUBE F Z M 6-12 RL ZN8/A/FE
12	1	C523A	BRACKET FOR GEARBOX
13	1	B247	GALVANIZED BRACKET OFFSET 50
14	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
15	-	--	GUIDE RAILS
16	1	4629	SPLINT 4 X 32
17	2 MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
17	2 MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
17	2 MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
17	2 MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
17	2 MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
17	2 MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
17	2 MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
18	1	D174NG	CARDAN JOINT
19	1	SERIE E6XX	CRANK HANDLE
20	-	-	SHUTTER
21	2	H138	ROUND STOPPER WITH RING AND SCREW



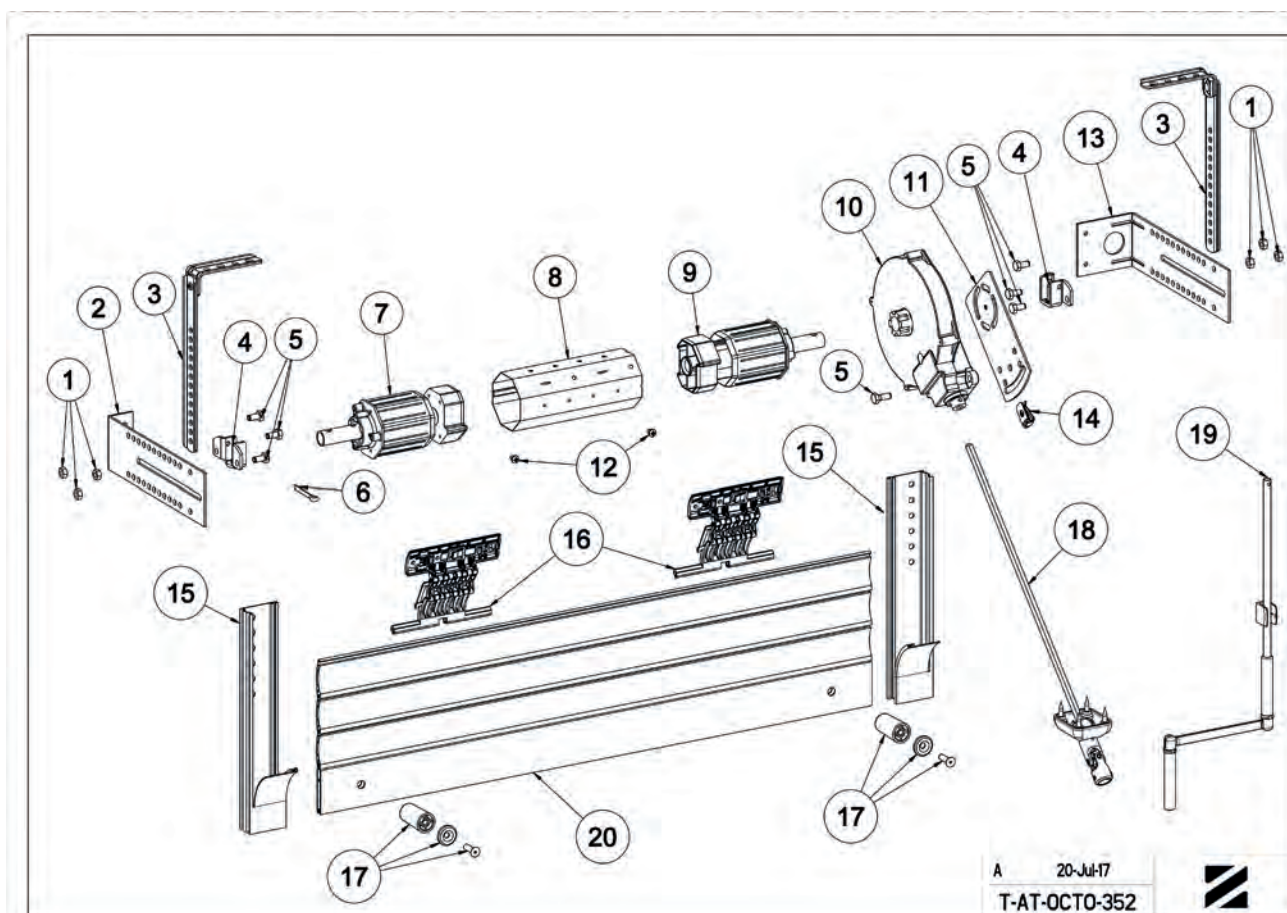
A 20-Jul-17
T-AT-OCTO-340





T-AT-352 - ASSEMBLY «TRADI POSE DRAPEAU» - CONIPACT GEARBOX (DUMMY END) FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	6	4507	NUT M6
2	1	B237	GALVANISED BRACKET FOR OPPOSITE SIDE - OFFSET 28
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	1	B104	PIN BRACKET
5	4	4128A	SCREW H M 6-16 8-8
6	1	4629	SPLINT 4 X 32
7+9	2	A458	DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING
8	-	---	60 MM OCTAGONAL TUBE
10	1	C162	CONIPACT GEARBOX
11	1	C505	CONICAL GEARBOX AND CONIPACT BRACKET
12	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
13	1	B240	GALVANIZED BRACKET OFFSET 67
OR	OR	OR	
13	1	B244	GALVANIZED BRACKET OFFSET 87
OR	OR	OR	
13	1	B268	GALVANIZED BRACKET OFFSET 107
14	1	4503	NUT M6 ZINK COATED FINIGRAD REF 130793 002
15	-	--	GUIDE RAILS
16	2 MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
16	2 MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
16	2 MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
16	2 MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
16	2 MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
16	2 MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
16	2 MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
17	2	H138	ROUND STOPPER WITH RING AND SCREW
18	1	D174NG	CARDAN JOINT
19	1	SERIE E6XX	CRANK HANDLE
20	1	-	SHUTTER



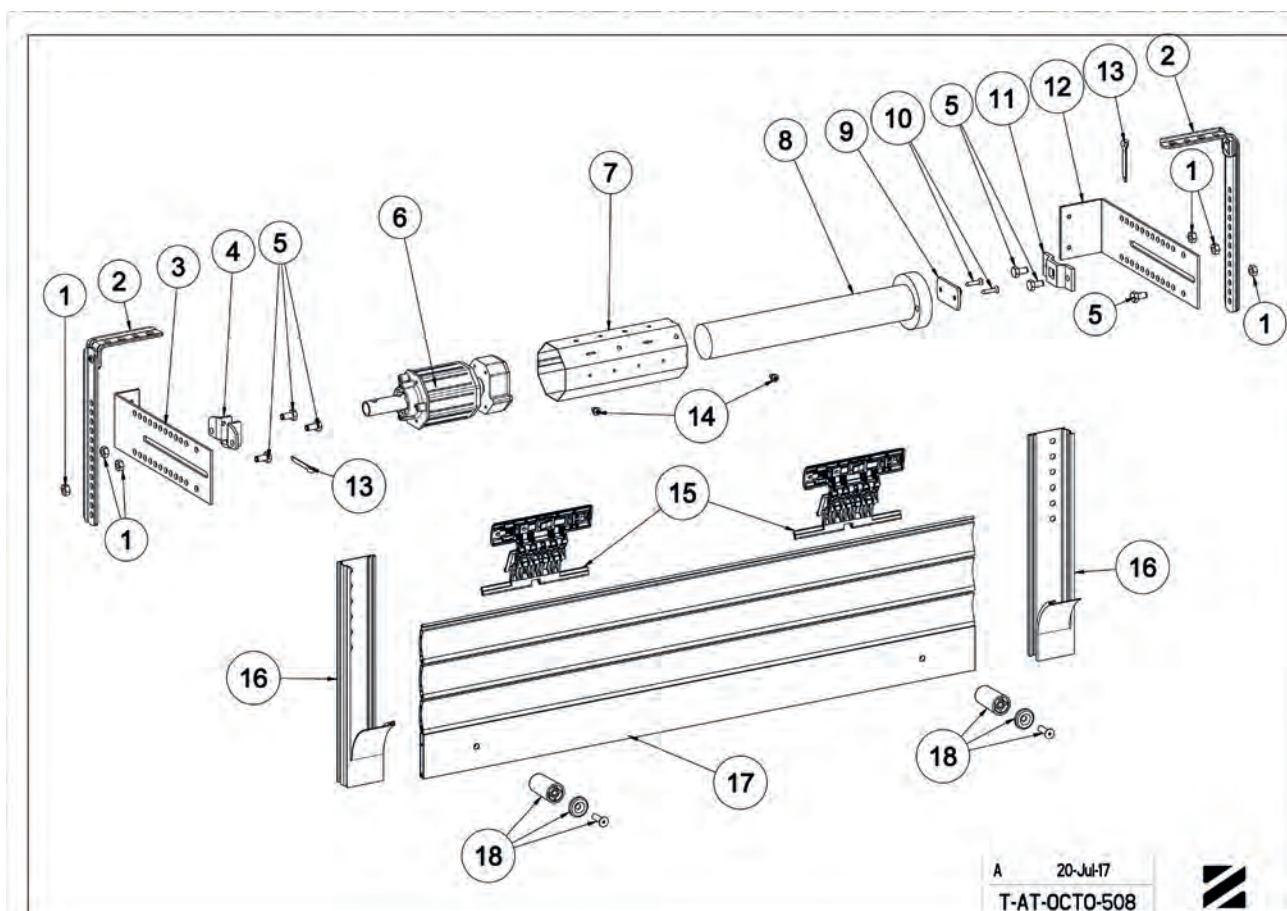
A 20-Jul-17
T-AT-OCTO-352





T-AT-508 - ASSEMBLY «TRADI POSE DRAPEAU» - UNIVERSAL MOTOR FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	6	4507	NUT M6
2	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
3	1	B237	GALVANISED BRACKET FOR OPPOSITE SIDE - OFFSET 28
4	1	B104	PIN BRACKET
5	6	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
6	1	A458	DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING
7	-	---	60 MM OCTAGONAL TUBE
8	1	....	UNIVERSAL MOTOR
9	1	-	BRACKET 10 MM SQUARE
10	2	-	SCREW ACCORDING TO MOTOR MANUFACTURER
11	1	-	BRACKET 10 MM SQUARE
12	1	B247	GALVANIZED BRACKET OFFSET 50
13	2	4629	SPLINT 4 X 32
14	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
15	2 MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
15	2 MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
15	2 MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
15	2 MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
15	2 MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
15	2 MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
15	2 MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
16	-	--	GUIDE RAILS
17	-	-	SHUTTER
18	2	H138	ROUND STOPPER WITH RING AND SCREW

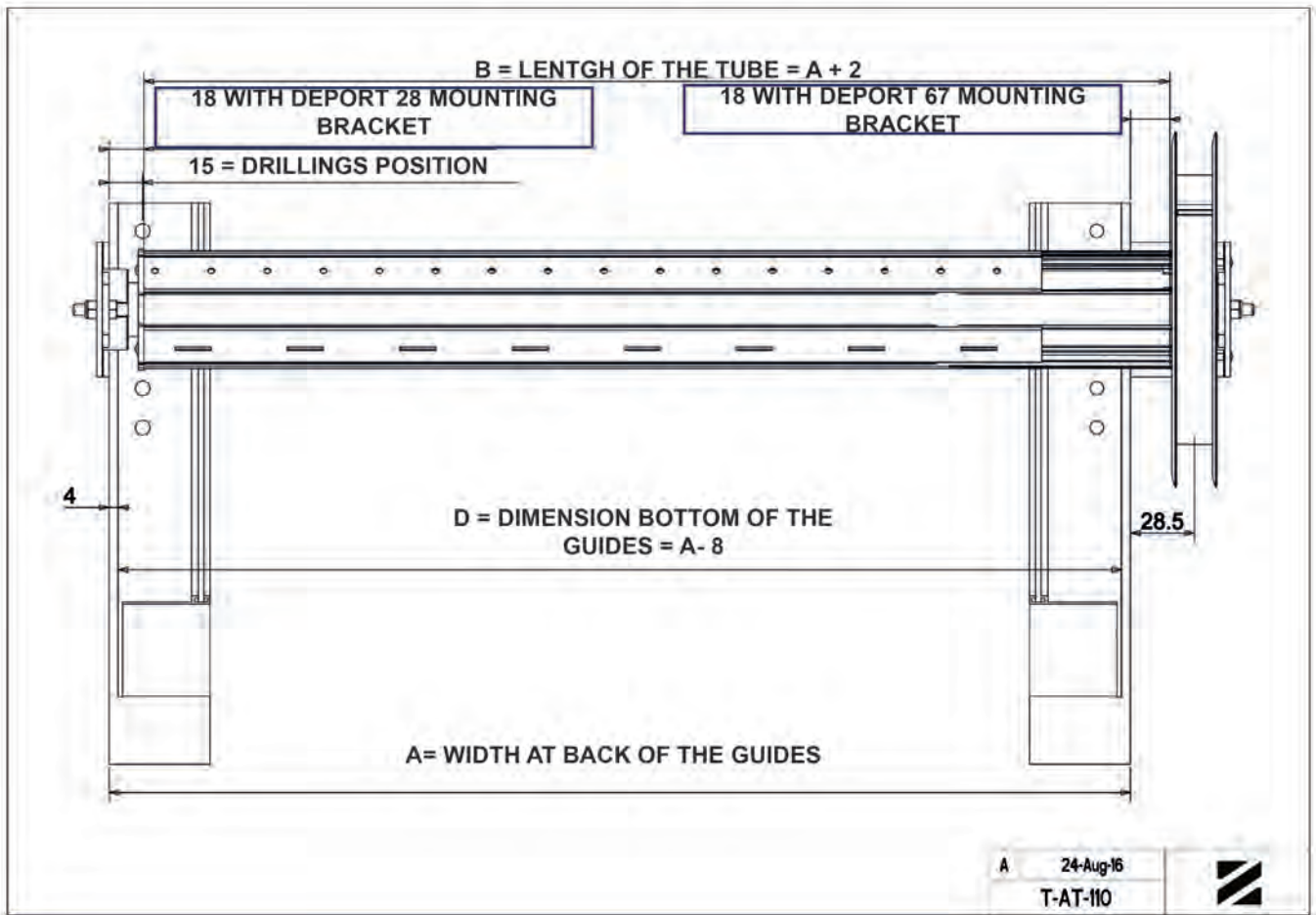


A 20-Jul-17
T-AT-OCTO-508

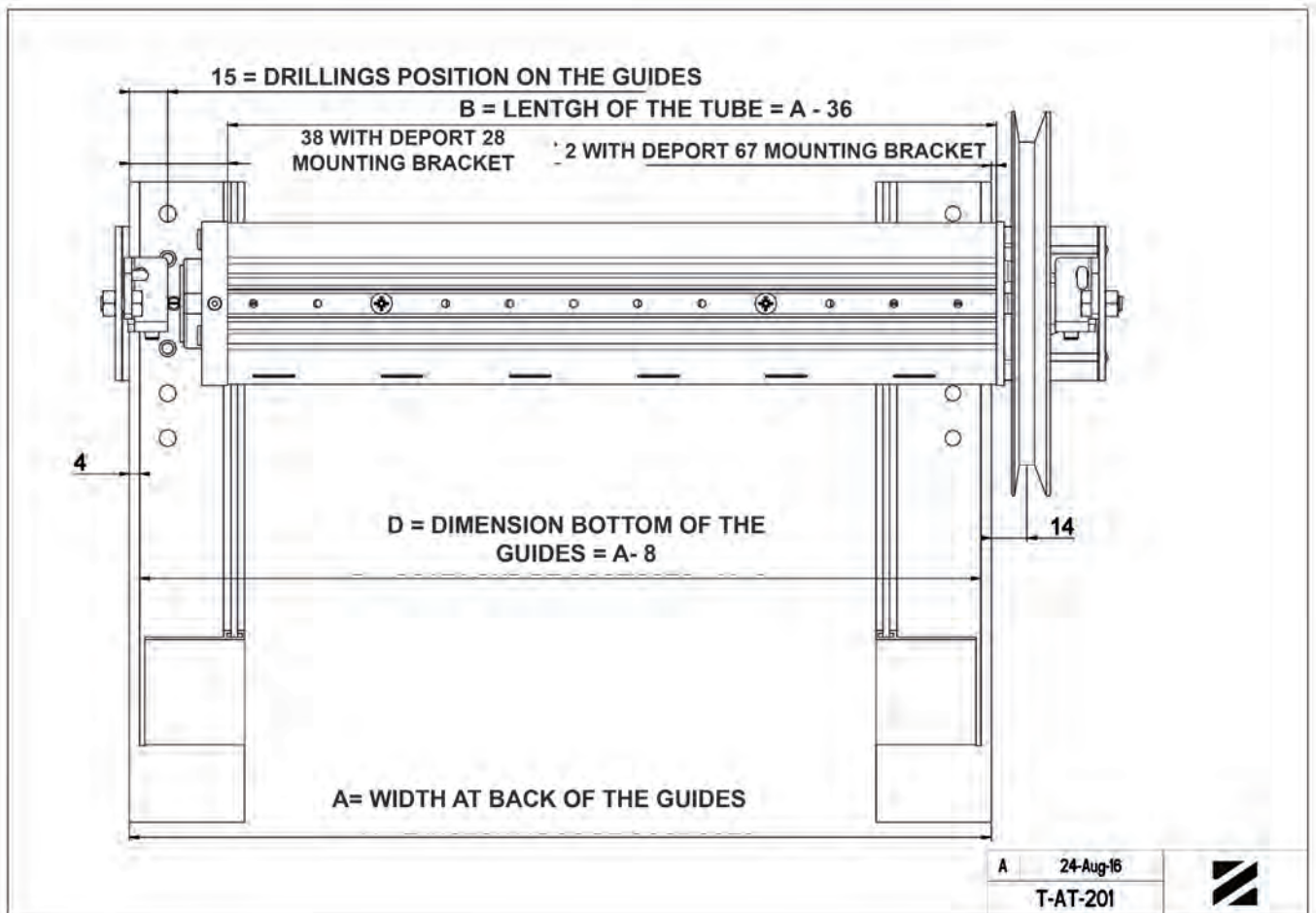




T-AT-110 - CUTTING CHART

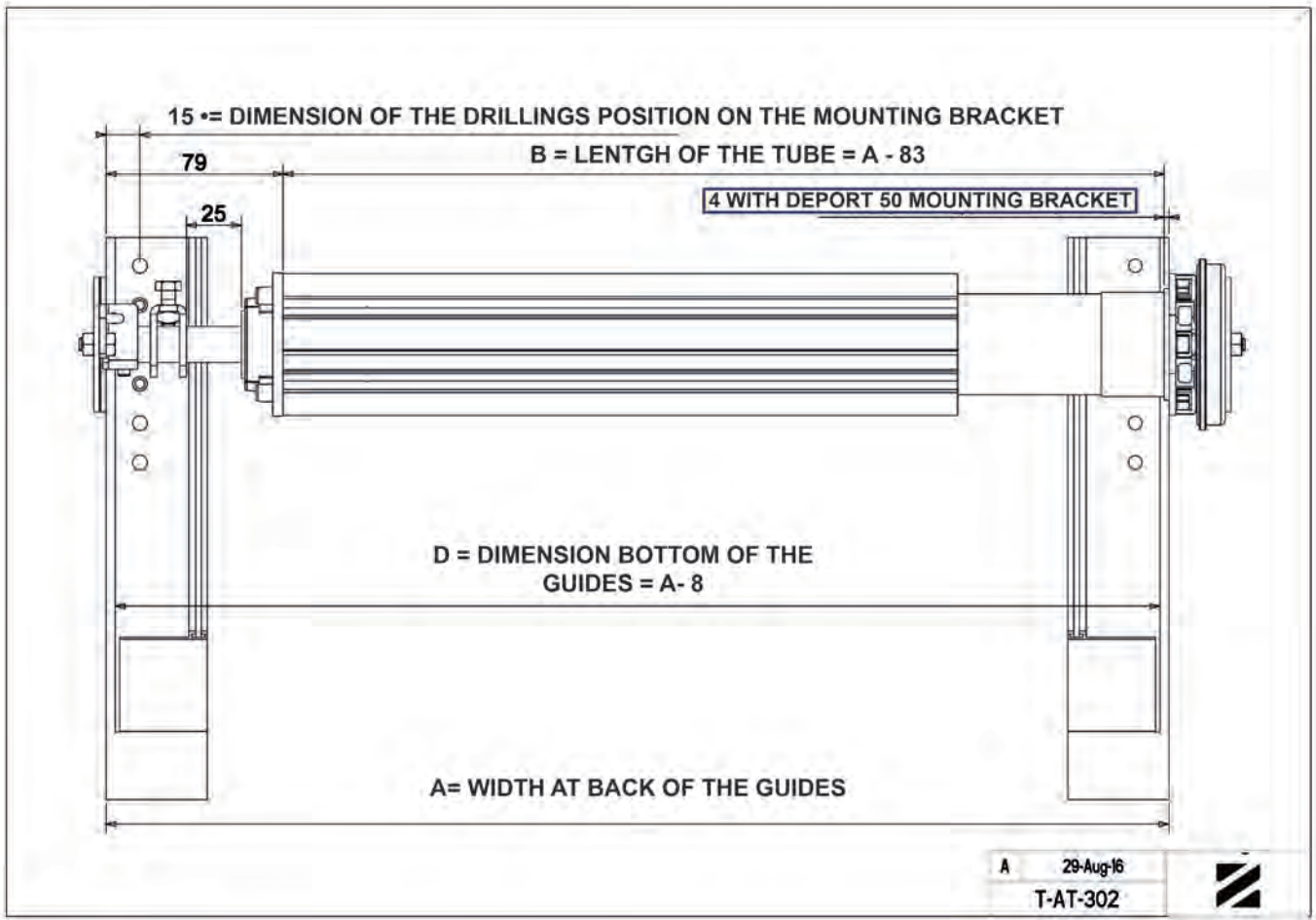


T-AT-201 - CUTTING CHART

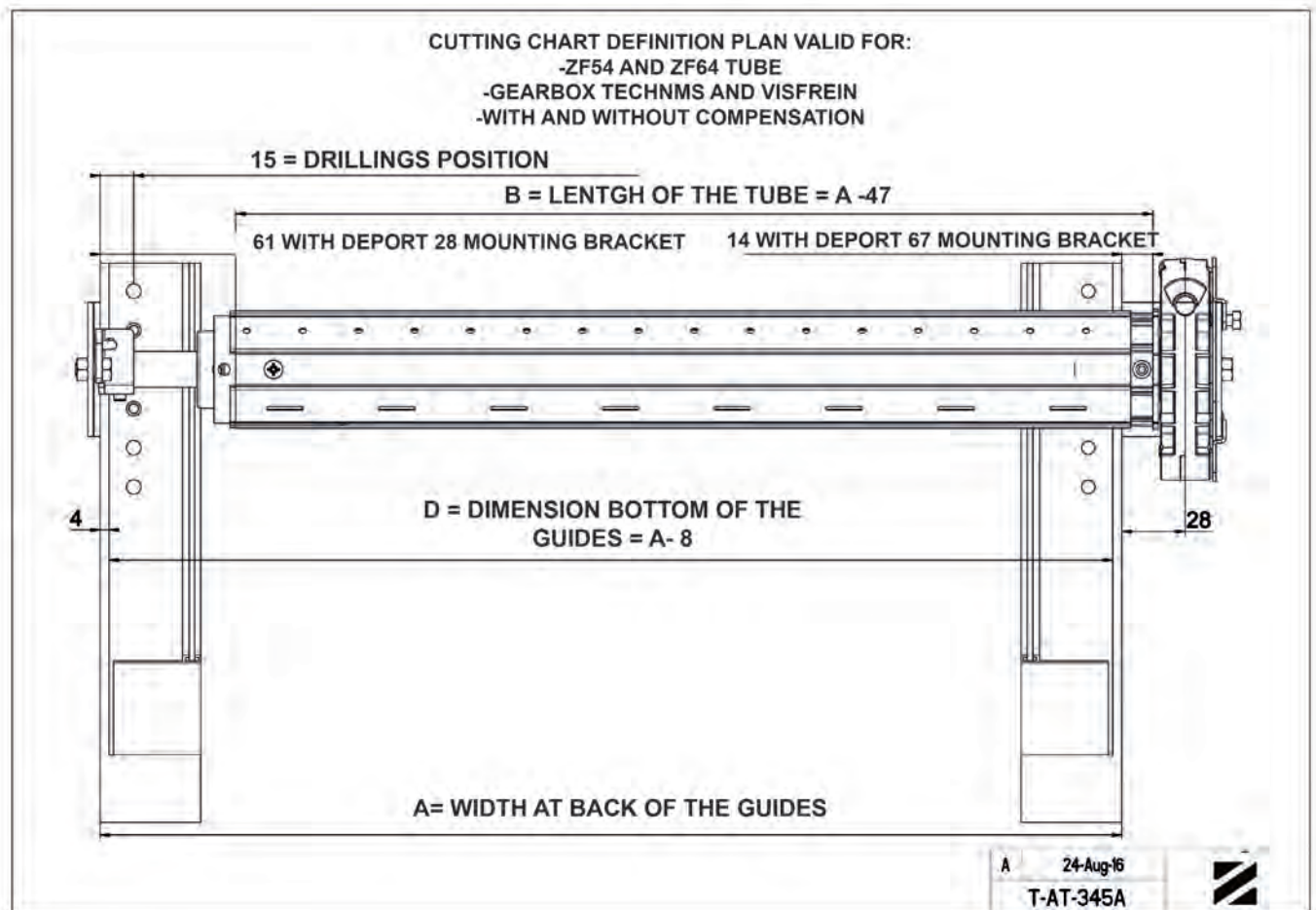




T-AT-302 - CUTTING CHART

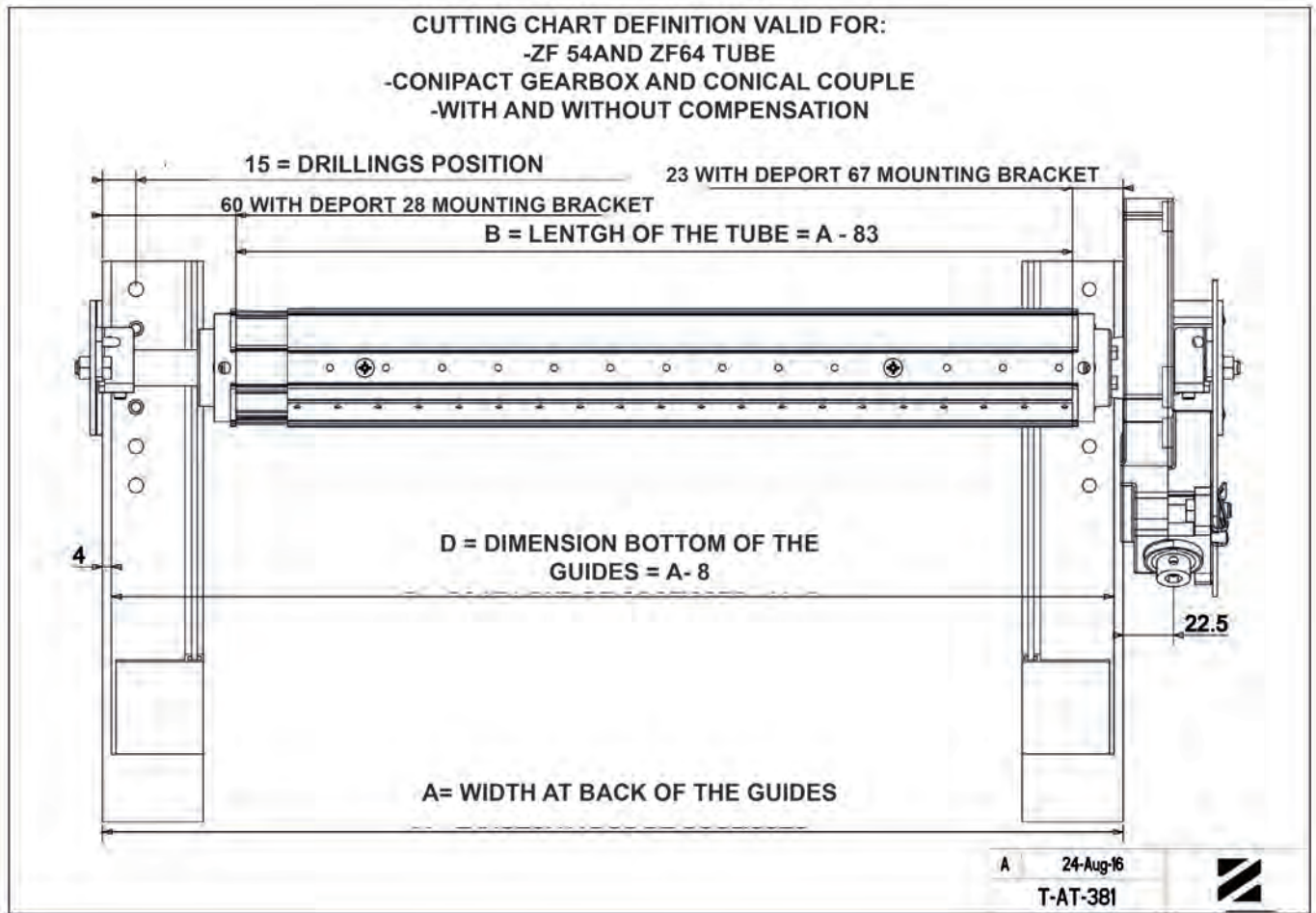


T-AT-345A - CUTTING CHART

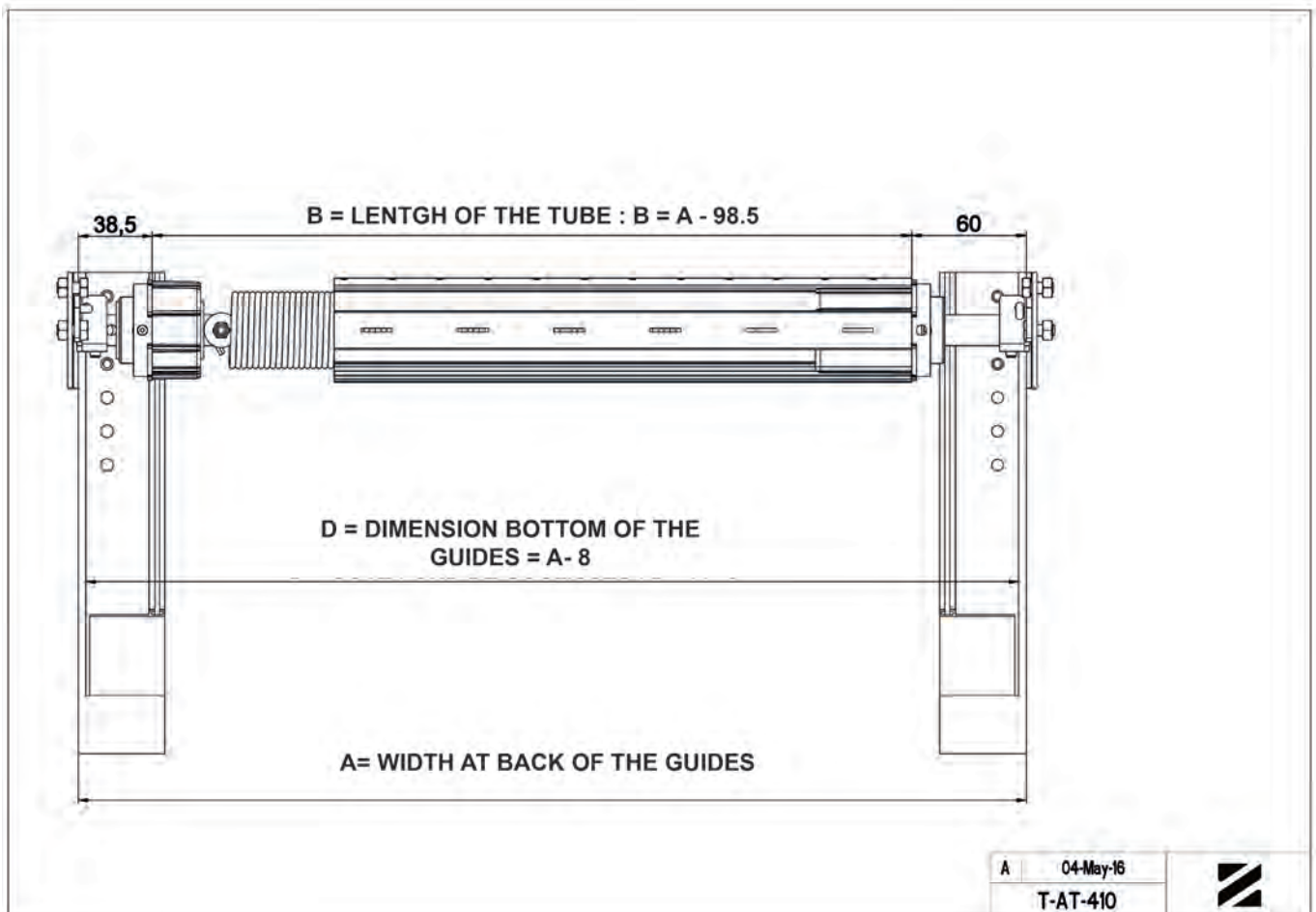




T-AT-381 - CUTTING CHART

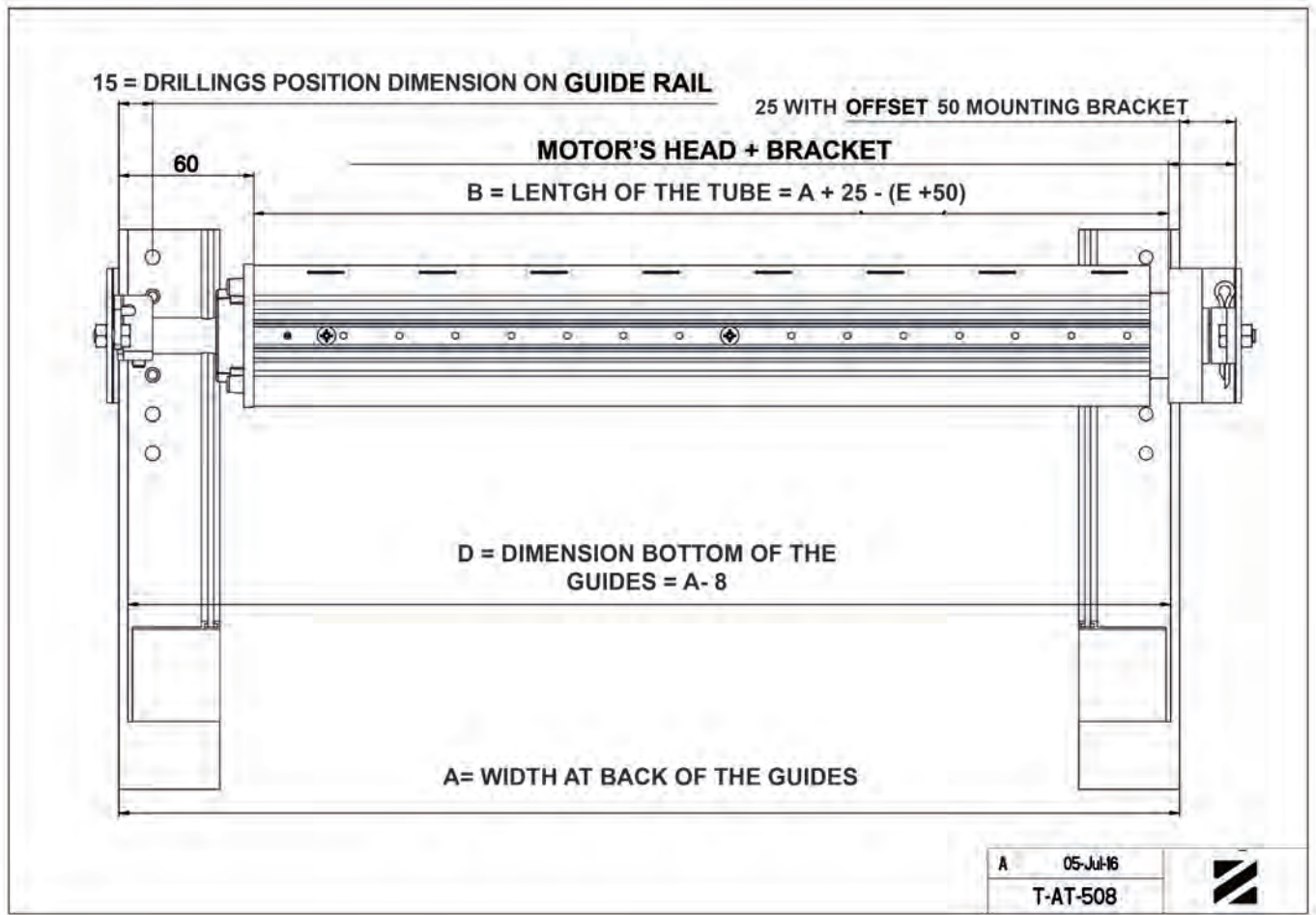


T-AT-410 - CUTTING CHART





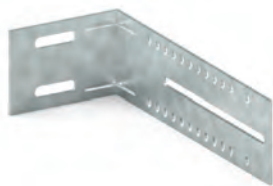
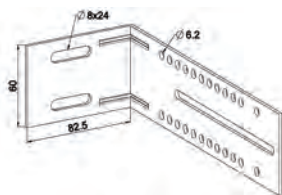
T-AT-508 - CUTTING CHART





BRACKET

B225A



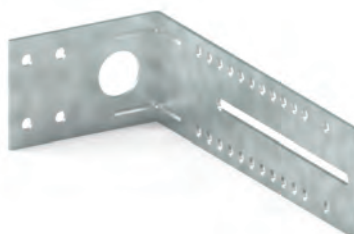
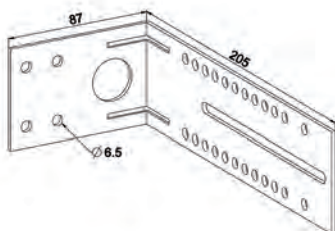
Features

Galvanized steel thickness 2.5 mm.

REF.	PACK.
B225A	50

BRACKET

B269



Features

Galvanized steel thickness 2.5 mm.

REF.	PACK.
B269	25

BRACKET

B252



Features

Passivated galvanized steel thickness 3 mm.

Use

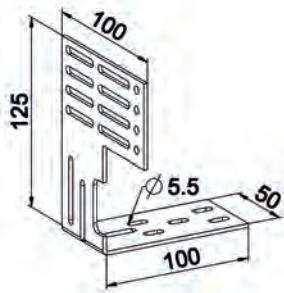
For installation on the window frame.

REF.	PACK.
B252	25



BRACKET

B261



Features

Galvanized steel thickness 2.5 mm.

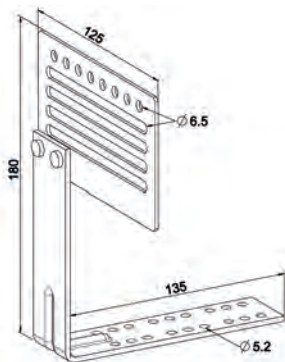
Use

For installation on the window frame.

REF.	TYPE	PACK.
B261	Right	25
B262	Left	25

BRACKET

B266



Features

Passivated galvanized steel thickness 3 mm.

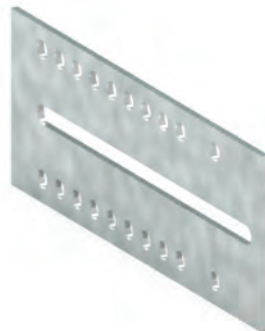
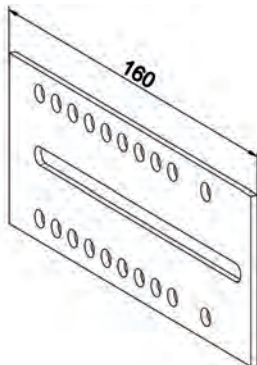
Use

For installation on the window frame.

REF.	TYPE	PACK.
B266	Right	50
B267	Left	50

PLATE

B251



Features

Galvanized steel thickness 2.5 mm.

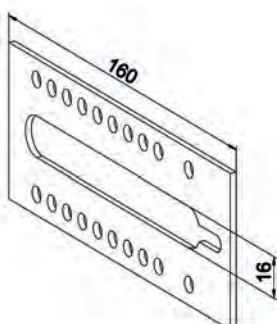
Use

Used as extension for brackets.

REF.	PACK.
B251	25

PLATE

B251A



Features

Galvanized steel thickness 2.5 mm.

Use

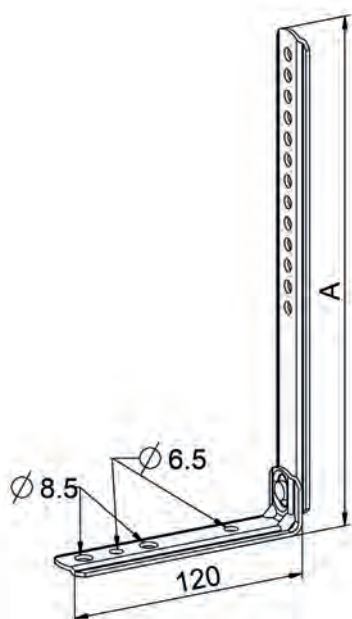
Used as extension for brackets.

REF.	PACK.
B251A	100



REINFORCEMENT BRACKET OFFSET 120 MM

B202



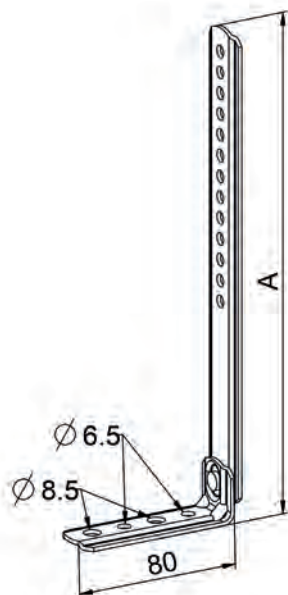
Features

Galvanized steel thickness 2 mm.
Very stiff parts.

RÉF.	DIM.A	DIM.B	PACK.
B202	240	120	100
B203	200	120	100

REINFORCEMENT BRACKET OFFSET 80 MM

B204



Features

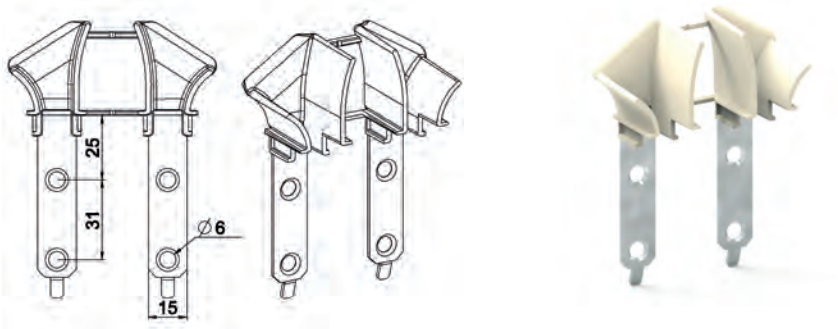
Galvanized steel thickness 2 mm.
Very stiff parts.

RÉF.	DIM.A	DIM.B	PACK.
B204	240	80	100
B205	200	80	120



TRADI ENTRY GUIDE SIMPLE GUIDE RAIL

H363



Use

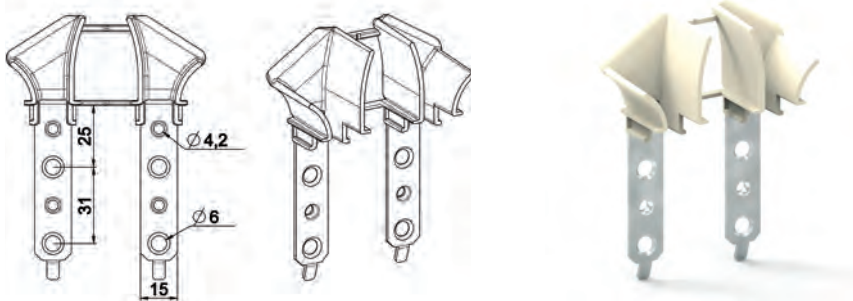
Attaches to the top of the slide :

- on single slide
- on PVC slide.

RÉF.	TYPE	COLOR	PACK.
H363	For 8 mm slat.	Natural	250
H364	For 14 mm slat.	Grey	250

TRADI ENTRY GUIDE SIMPLE GUIDE RAIL

H363B



Use

Attaches to the top of the slide by screws or rivets:

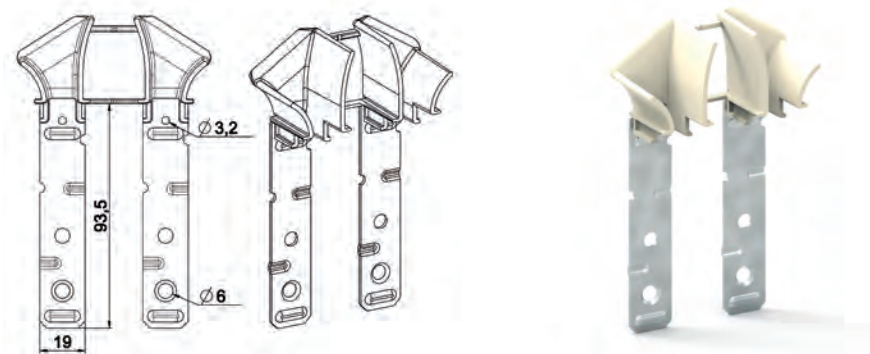
- on a single slide
- on a open slide

Allows the use of retractable stop

RÉF.	TYPE	COLOR	PACK.
H363B	8mm slat	Natural	250
H364B	14mm slat	Grey	250

TRADI ENTRY GUIDE SIMPLE GUIDE RAIL

H363E



Use

Mounted at the top of the slide: fits in a cage: section 19x 3.

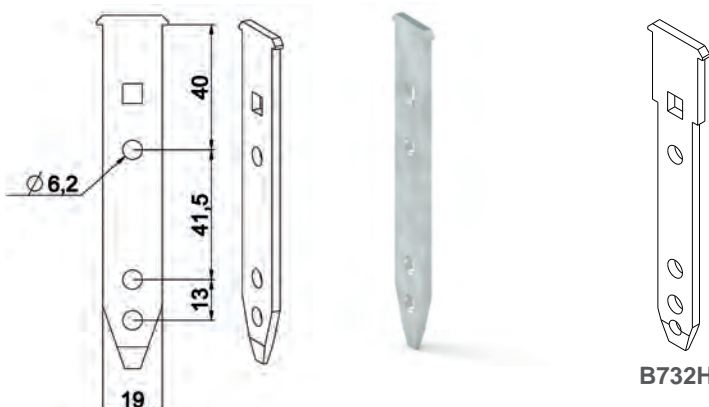
Drilling Ø3,2 to allow fixing on slide by screw Ø3,9 x 9,5; for transporting maintenance with workshop mounting.

Drilling on slide positioned 7 mm from the end.

RÉF.	TYPE	COLOR	PACK.
H363E	8 mm slat	Natural	100
H364E	14 mm slat	Grey	100

BRACKET FOR ENTRY GUIDE

B732E



B732H

Features

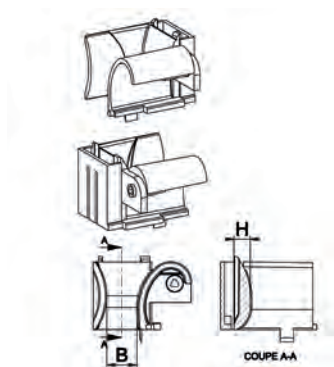
Galvanized steel

RÉF.	TYPE	PACK.
B732E	th. 3 mm	250
B732F	th. 3 mm	150
B732G	th. 2 mm	300



TRADI EXPRESS ENTRY GUIDE

B734C1



Features

POM

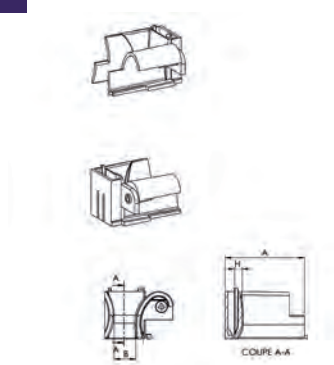
Use

Allows the production of inner and outer rolling-up assemblies.
Also used in independent installation with B732E bracket.

RÉF.	TYPE	COLOR	H	B	PACK.
B734C1	Left - 8 mm slat	BEIGE	6.5	11	500
B734C2	Right - 8 mm slat	BEIGE	6.5	11	500
B734C3	Left - 14 mm slat	BLACK	6.5	15,5	500
B734C4	Right - 14 mm slat	BLACK	6.5	15,5	500
B734C5	Left - 8 mm slat	NATURAL	4	11	500
B734C6	Right - 8 mm slat	NATURAL	4	11	500
B734C7	Left - 14 mm slat	GREY	4	15,5	250
B734C8	Right - 14 mm slat	GREY	4	15,5	250
B734C9	Left - 8 mm slat	BLACK	6.5	11	500
B734C10	Right - 8 mm slat	BLACK	4	11	500
B734C17	Left - 8 mm slat	BLACK	4	11	500
B734C18	Right - 8 mm slat	BLACK	4	11	500

TRADI EXPRESS ENTRY GUIDE

B734C21



Features

POM

Use

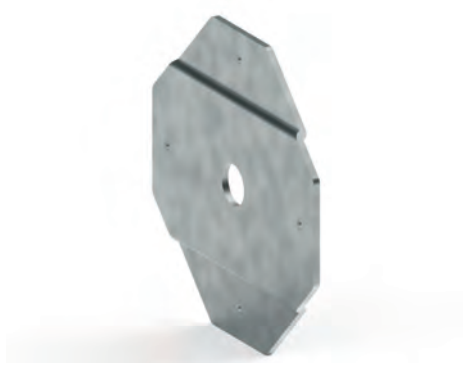
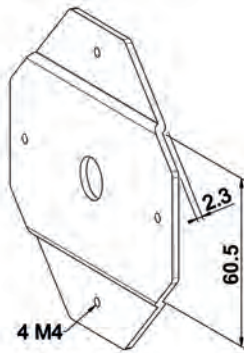
Allows the realization of inner and outer coil assemblies.
Also used in independent installation with B732E bracket.

RÉF.	TYPE	COLOR	H	B	PACK.
B734C11	Left - 14 mm slat	NATURAL	4	15,5	250
B734C12	Right - 14 mm slat	NATURAL	4	15,5	250
B734C21	Left - 8 mm slat	NATURAL	4	11	250
B734C22	Right - 8 mm slat	NATURAL	4	11	250



METAL BRACKET

C506



Features

Galvanized steel thickness 2,5 mm.

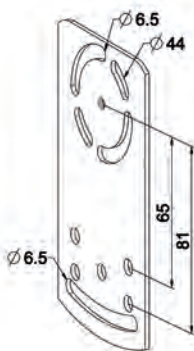
Use

With Vis Frein and Technivis gearboxes.

RÉF.	PACK.
C506	100

PLATE

C505



Features

Galvanized steel thickness 2 mm.

Use

Allows angular adjustment of conical and conipact gearboxes.

RÉF.	PACK.
C505	100

CLIP ON SCREW NUT

4503



Features

Galvanized steel

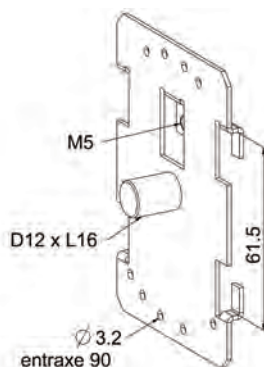
Use

To be used with C505 plate. Enables to fasten Conipact gearbox

RÉF.	PACK.
4503	1000

ROLLING PLATE

C524B



Features

Galvanized steel thickness 1,5 mm.

Use

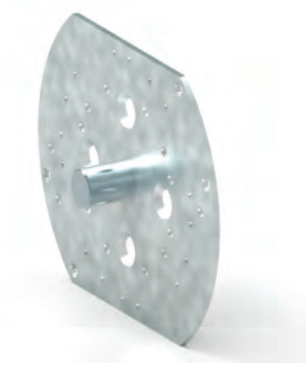
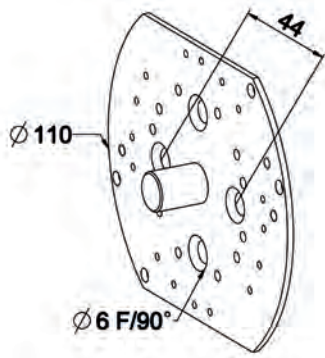
To be used with brackets previous pages. Enable to lock Technivis and Vis Frein gearboxes.

RÉF.	PACK.
C524B	100



12 MM PIN PLATE

C523A



Features

Galvanized steel thickness 2 mm.

Use

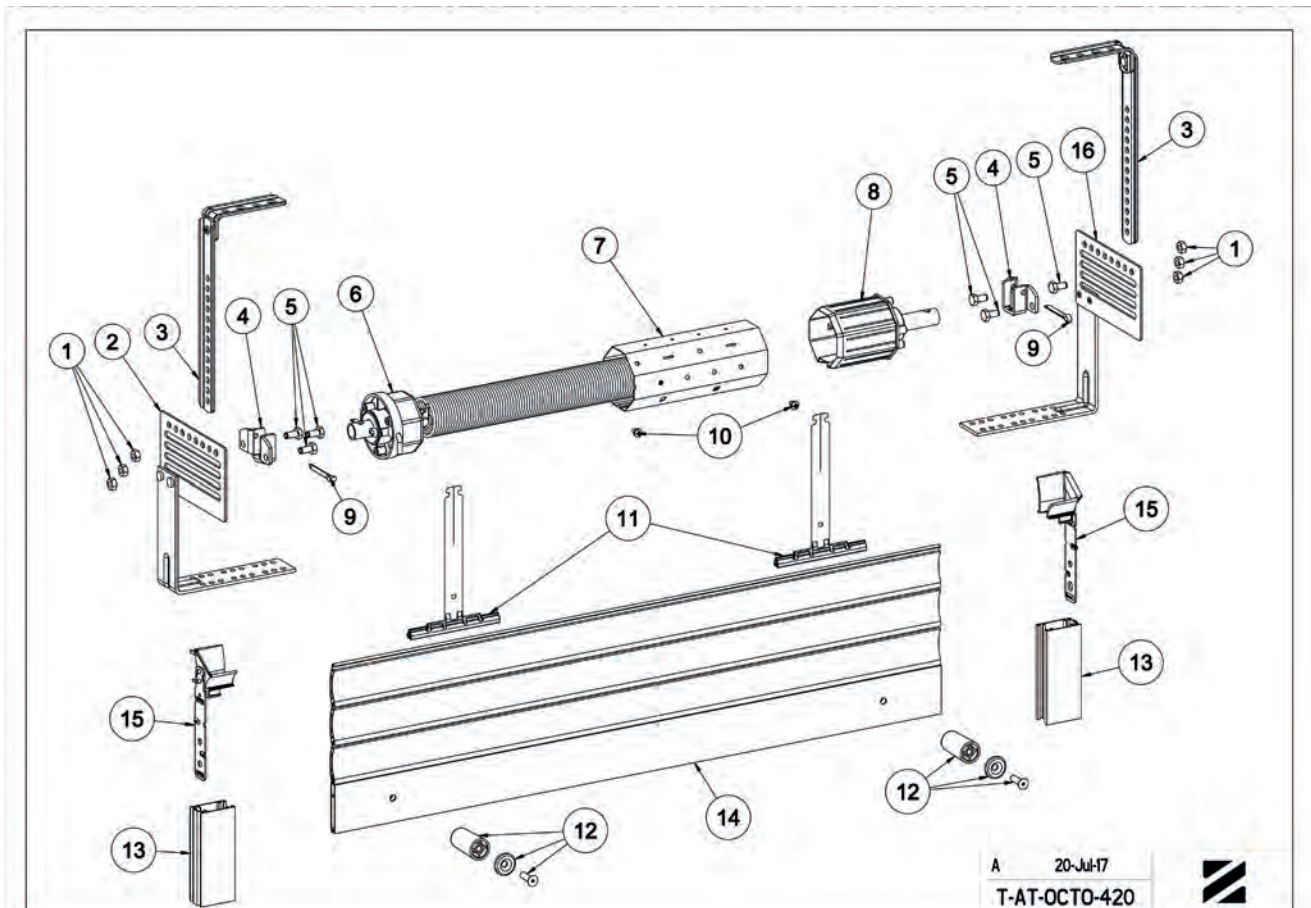
To be used with vVis Frein, Minivis, Technivis gearboxes.

RÉF.	PACK.
C523A	100



T-AT-420 - ASSEMBLY «TRADI POSE INDEPENDANTE» - DIRECT PULL FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	6	4507	NUT M6
2	1	B267	BRACKET WINDOW FRAME
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	2	B104	PIN BRACKET
5	6	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
6	1	A866	SPRING LEFT FOR 60 MM OCTAGONAL TUBE DIRECT PULL
7	-	----	60 MM OCTAGONAL TUBE
8	1	A454	CAP FOR 60 MM OCTAGONAL TUBE CLAW COUPLING + TUBE D16 L=90
9	2	4629	SPLINT 4 X 32
10	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
11	2 MINI	H880B	FIXING SPRING TO CLIP L150 GREY 8 MM SLAT
OR	OR	OR	
11	2 MINI	H881B	FIXING SPRING TO CLIP L150 GREY 9,5 MM SLAT
12	2	H138	ROUND STOPPER WITH RING AND SCREW
13	-	--	GUIDE RAILS
14	-	-	SHUTTER
15	1	H363E	TRADI ENTRY GUIDE SIMPLE GUIDE
OR	OR	OR	
15	1	H364E	TRADI ENTRY GUIDE SIMPLE GUIDE
16	1	B266	BRACKET WINDOW FRAME



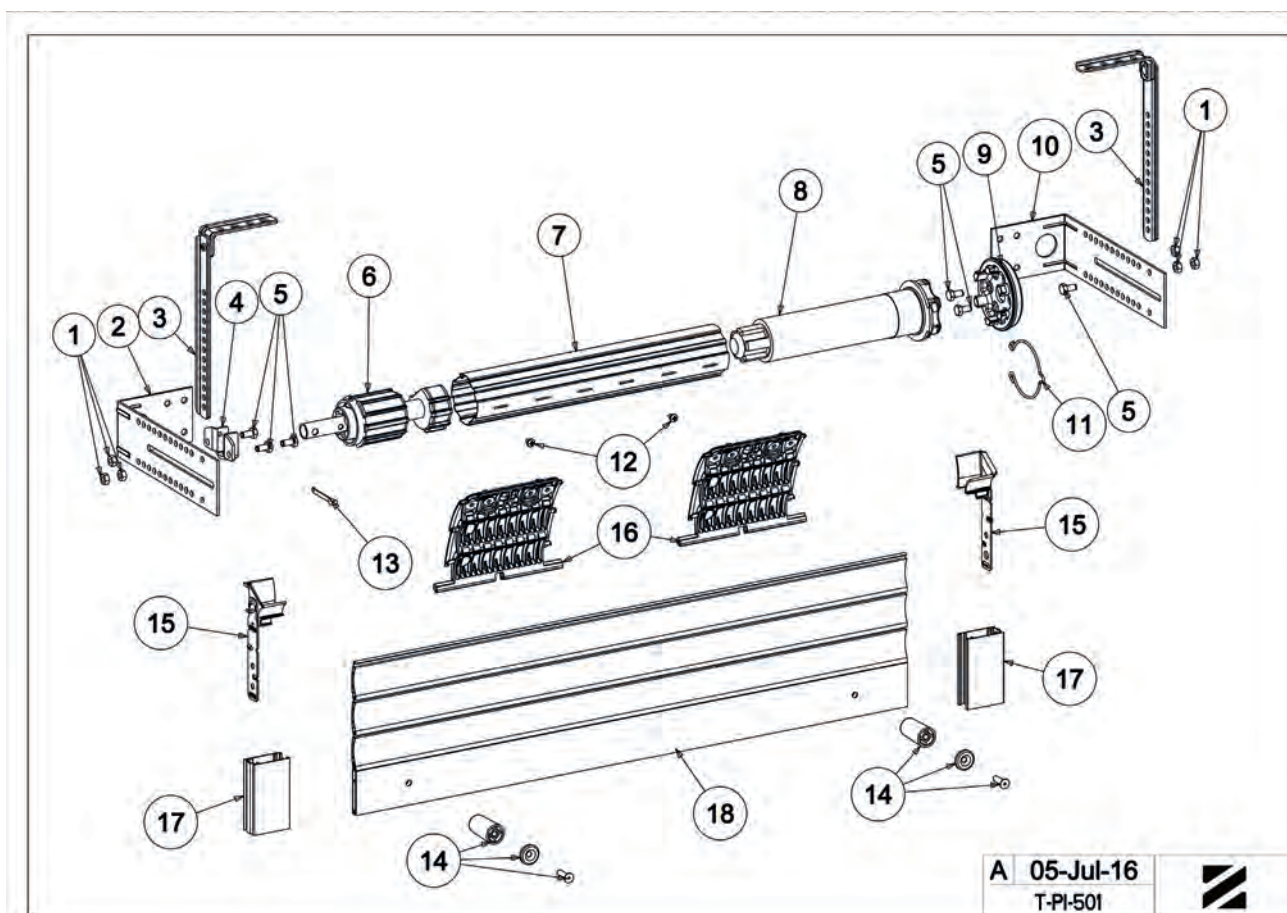
A 20-Jul-17
T-AT-OCTO-420





T-PI-501 - ASSEMBLY TRADI MOUNTING «OFF GUIDE RAIL» - SOMFY MOTOR FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	6	4507	NUT M6
2	2	B269	GALVANIZED BRACKET
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	1	B104	PIN BRACKET
5	6	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
6	1	A458	DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING
7	-	----	60 MM OCTAGONAL TUBE
8	1	..	MOTOR SOMFY LT50
9	1	-	SOMFY BRACKET ZAMAK
10	2	B269	GALVANIZED BRACKET
11	1	J546A3	RING FOR SOMFY MOTOR BRACKET
12	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
13	1	4629	SPLINT 4 X 32
14	2	H138	ROUND STOPPER WITH RING AND SCREW
15	1	H363E	TRADI ENTRY GUIDE SIMPLE GUIDE
OR	OR	OR	
15	1	H364E	TRADI ENTRY GUIDE SIMPLE GUIDE
16	2 MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
16	2 MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
16	2 MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
16	2 MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
16	2 MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
16	2 MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
16	2 MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
17	-	--	GUIDE RAILS
18	-	-	SHUTTER



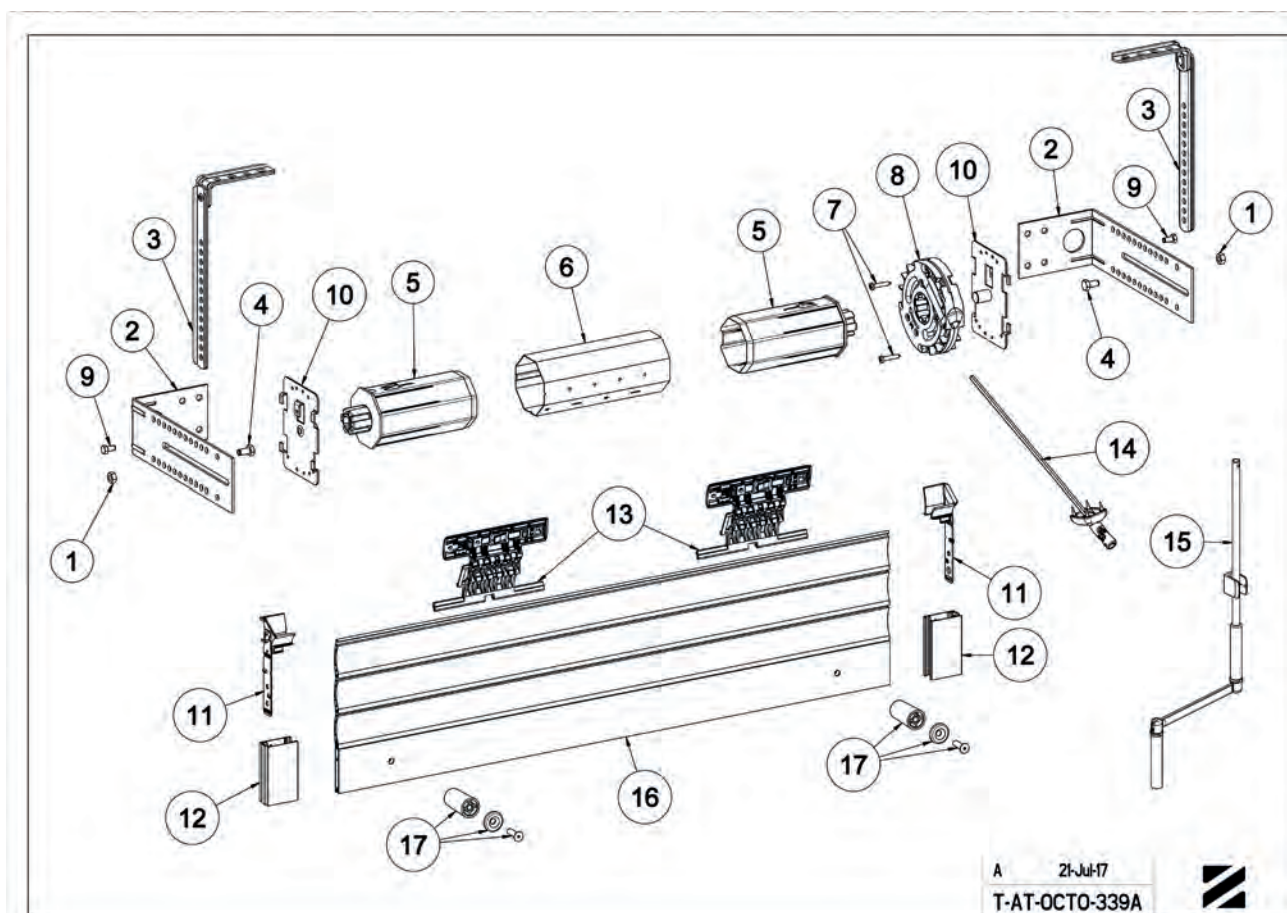
A 05-Jul-16
T-PI-501





T-AT-339A - ASSEMBLY TRADI TECHNIVIS GEARBOX - FOR 60 MM OCTAGONAL TUBE «POSE INDEPENDANTE» / SLIDING BRACKET

MARK	QTY	REFERENCE	DESCRIPTION
1	2	4507	NUT M6
2	2	B269	GALVANIZED BRACKET
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	2	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
5	2	A483B	RETRACTABLE CAP 60 MM OCTA. CLAW MALE - 12MM BORE
6	-	----	60 MM OCTAGONAL TUBE
7	2	4203	SCREW CBL Z ST 3,9 - 25 ZN72
8	1	C370	TECHNIVIS GEARBOX
9	2	4122	SCREW H M 5-10 6-8 ZN8/A/FE
10	2	C524B	SLIDING BRACKET
11	2	H363E	TRADI ENTRY GUIDE SIMPLE GUIDE
OR	OR	OR	
11	2	H364E	TRADI ENTRY GUIDE SIMPLE GUIDE
12	-	--	GUIDE RAILS
13	2 MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
13	2 MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
13	2 MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
13	2 MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
13	2 MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
13	2 MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
13	2 MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
14	1	D174NG	CARDAN JOINT
15	1	SERIE E6XX	CRANK HANDLE
16	1	-	SHUTTER
17	2	H138	ROUND STOPPER WITH RING AND SCREW



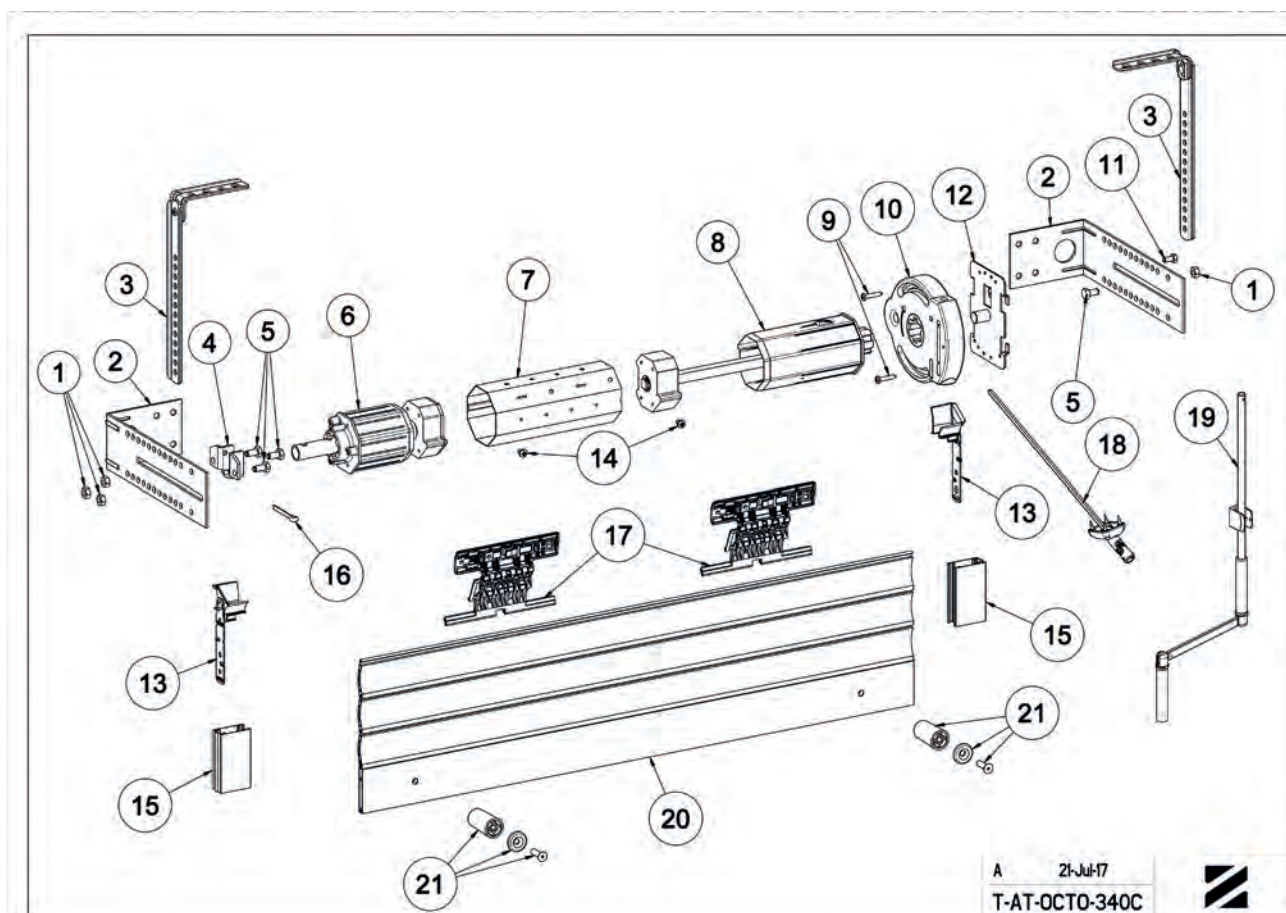
A 2f-Jul-17
T-AT-OCTO-339A





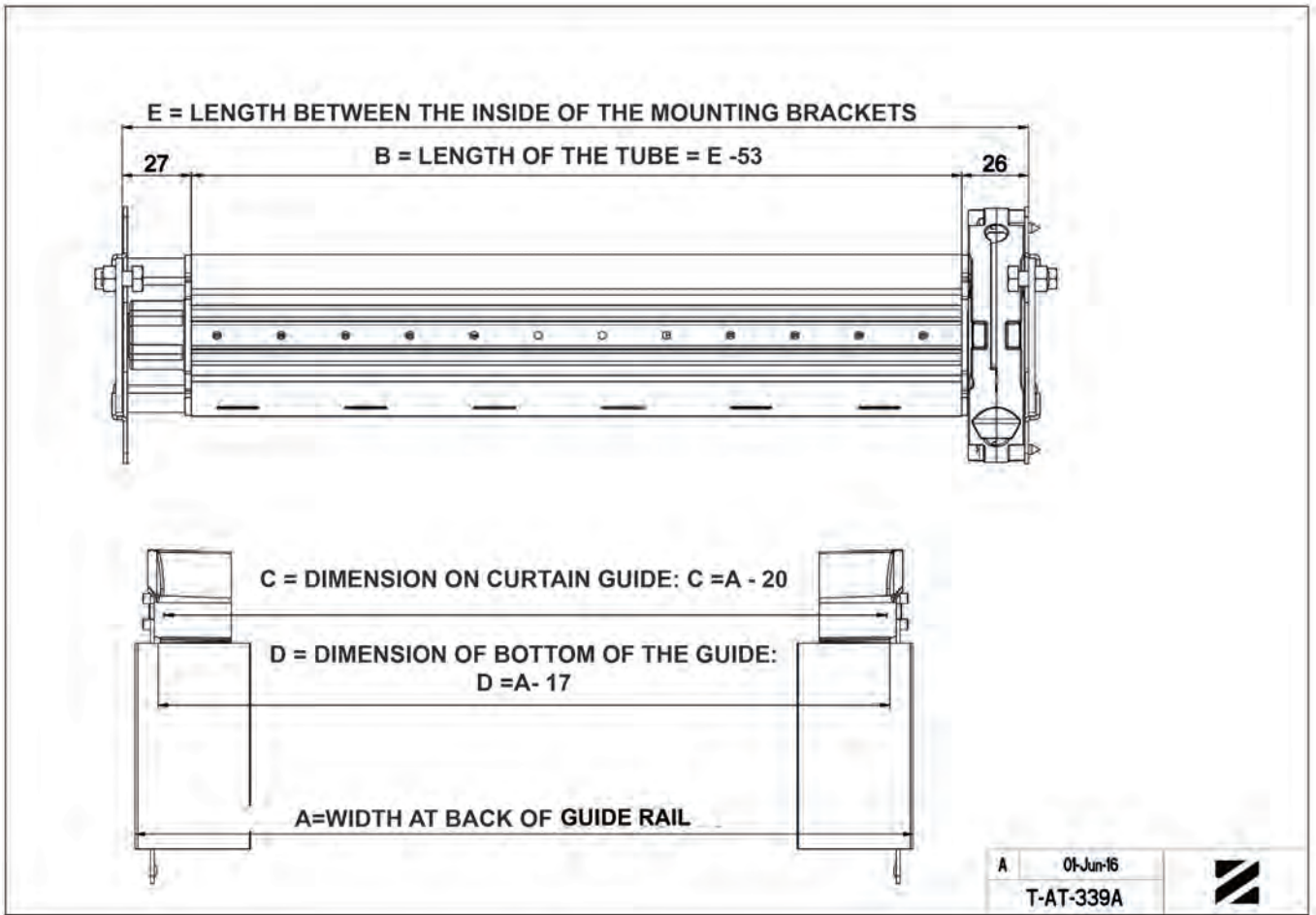
T-AT-340C - ASSEMBLY TRADI GEARBOX 7 : 1 «VIS FREIN» WITH INTEGRATED CLUTCH SYSTEM - FOR 60 MM OCTAGONAL TUBE «POSE INDEPENDANTE» / SLIDING BRACKET

MARK	QTY	REFERENCE	DESCRIPTION
1	4	4507	NUT M6
2	2	B269	GALVANIZED BRACKET
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	1	B104	PIN BRACKET
5	4	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
6	1	A458	DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING
7	-	----	60 MM OCTAGONAL TUBE
8	1	A484	RETRACTABLE DUMMY END FOR 60 OCTAGONAL 12MM HOLE
9	2	4203	SCREW CBL Z ST 3,9 - 25 ZN72
10	1	C191C	GEARBOX
11	1	4122	SCREW H M 5-10 6-8 ZN8/A/FE
12	1	C524B	SLIDING BRACKET
13	1	H363E	TRADI ENTRY GUIDE SIMPLE GUIDE
OR	OR	OR	
13	1	H364E	TRADI ENTRY GUIDE SIMPLE GUIDE
14	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
15	-	--	GUIDE RAILS
16	1	4629	SPLINT 4 X 32
17	2 MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
17	2 MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
17	2 MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
17	2 MINI	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
17	2 MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING
OR	OR	OR	
17	2 MINI	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	
17	2 MINI	H890E	OCTOCLICK 3 ELEMENTS + SPRING
18	1	D174NG	CARDAN JOINT
19	1	SERIE E6XX	CRANK HANDLE
20	-	-	SHUTTER
21	2	H138	ROUND STOPPER WITH RING AND SCREW

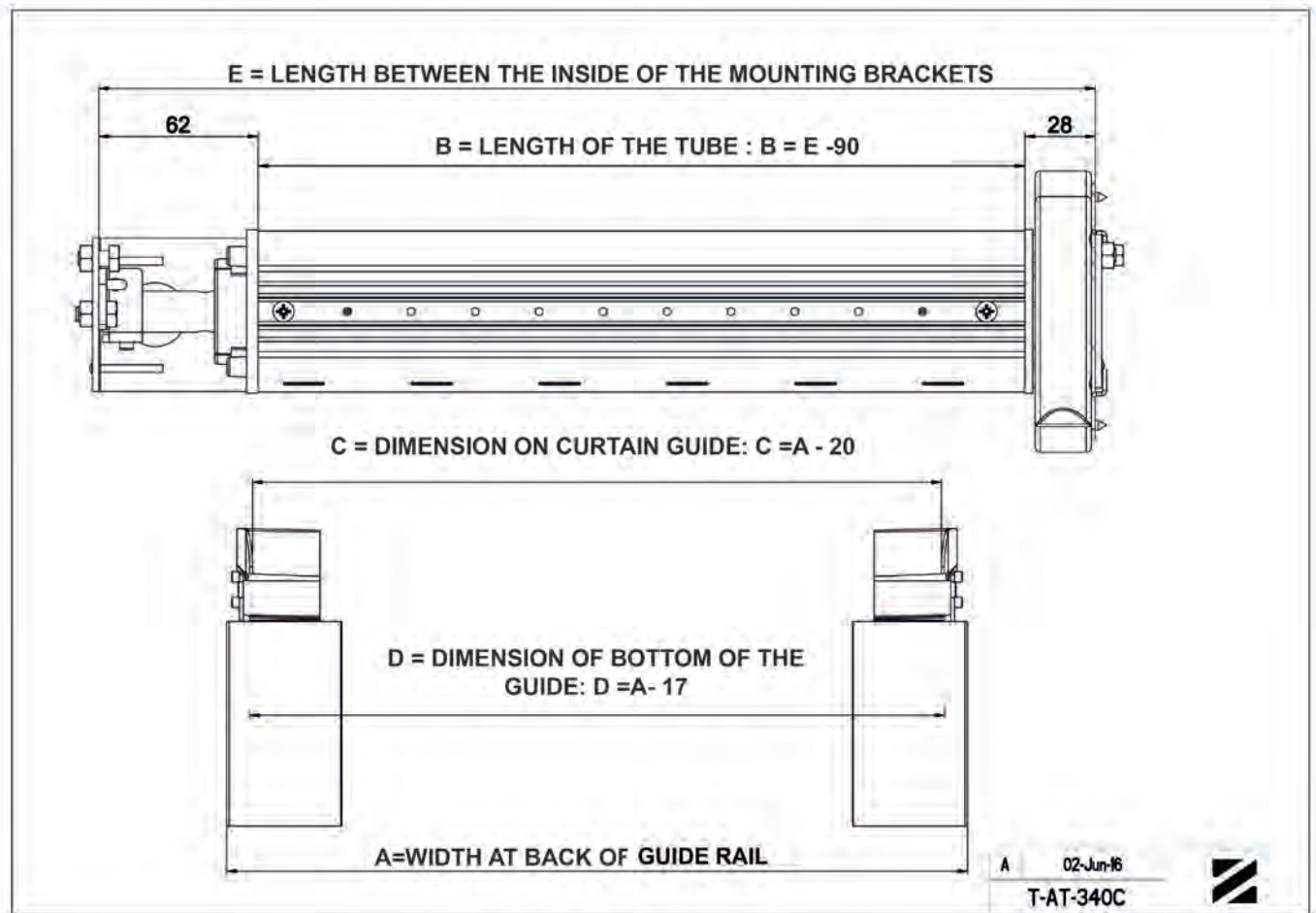




T-AT-339A - CUTTING CHART

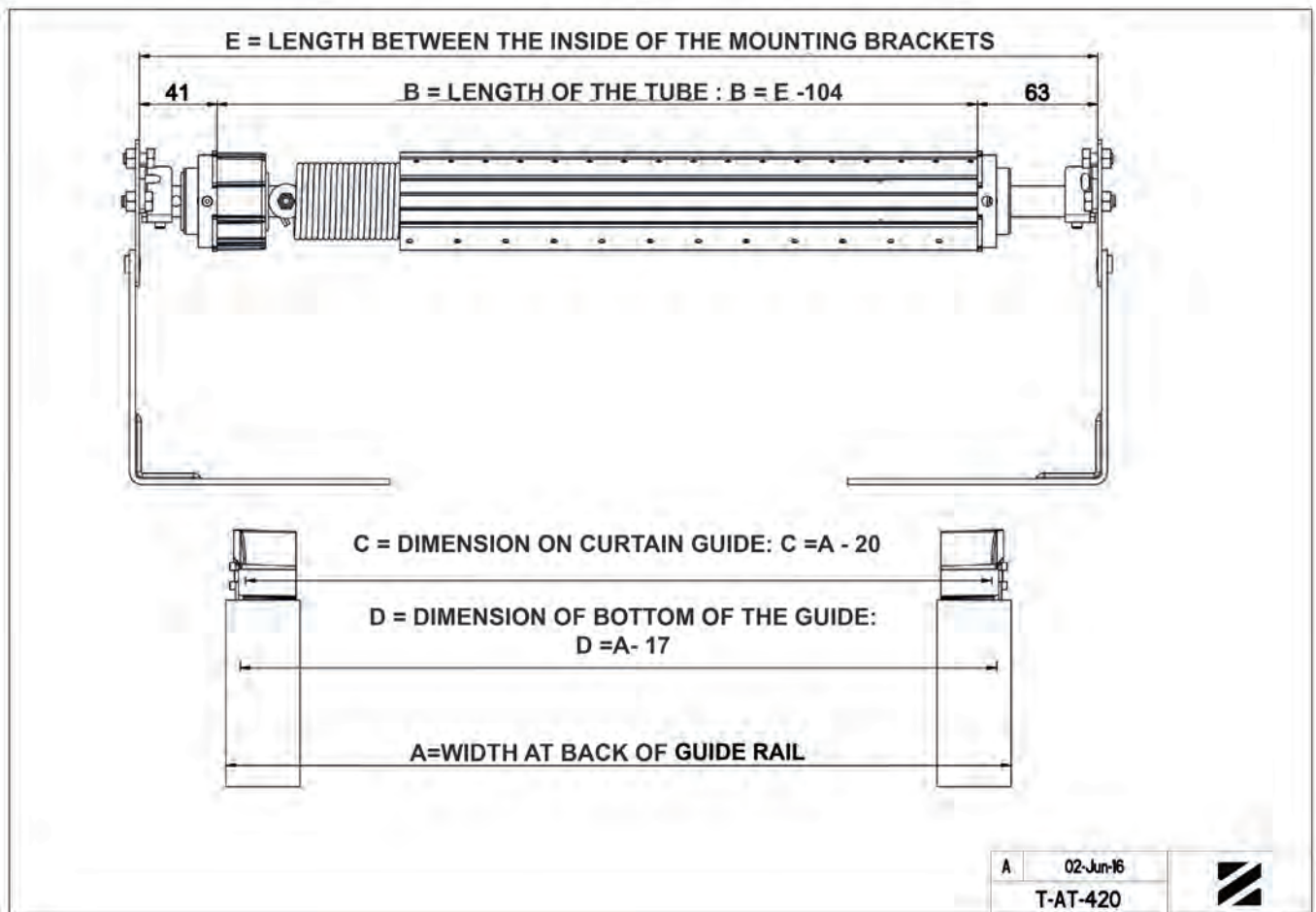


T-AT-340C - CUTTING CHART

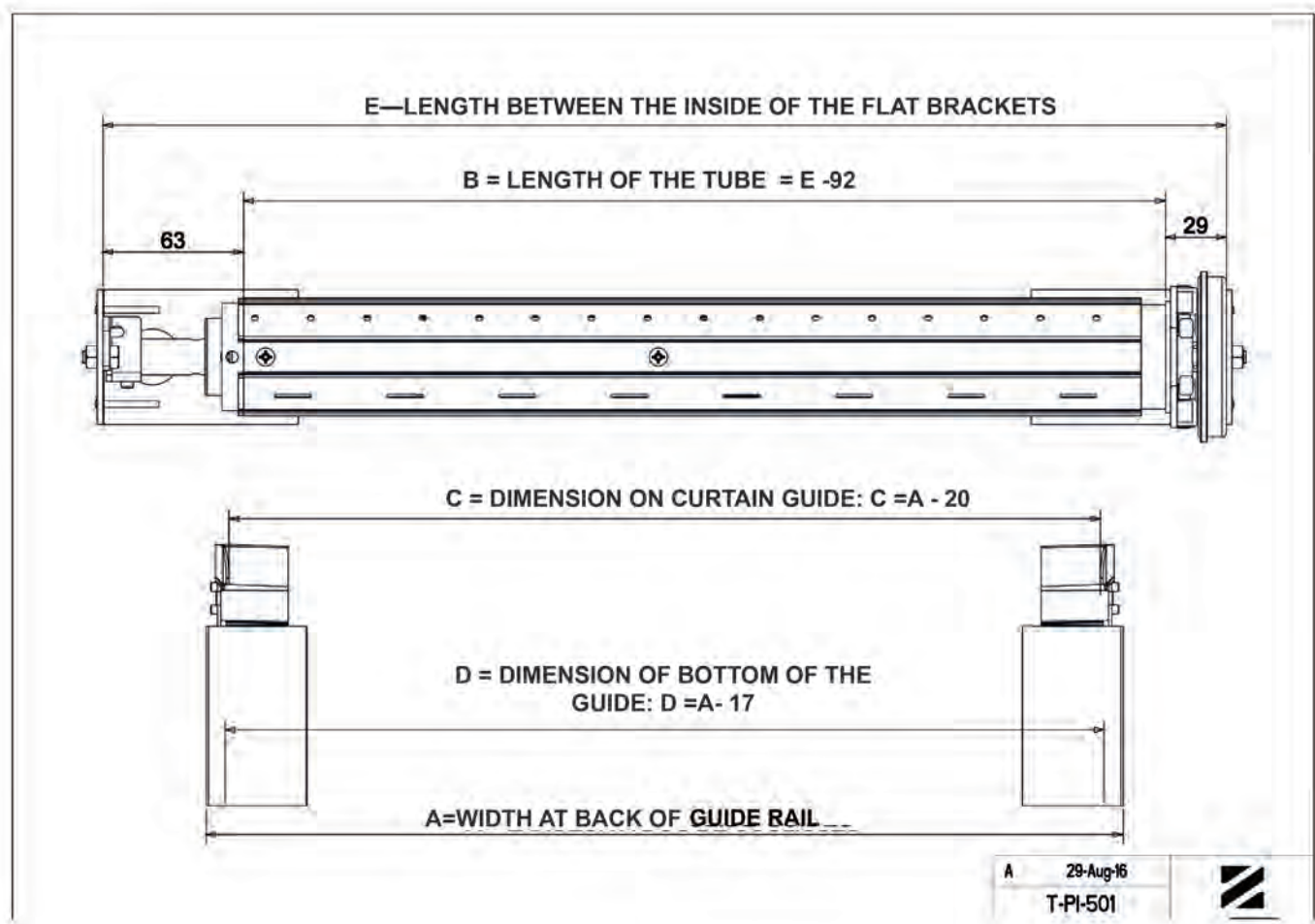




T-AT-420 - CUTTING CHART

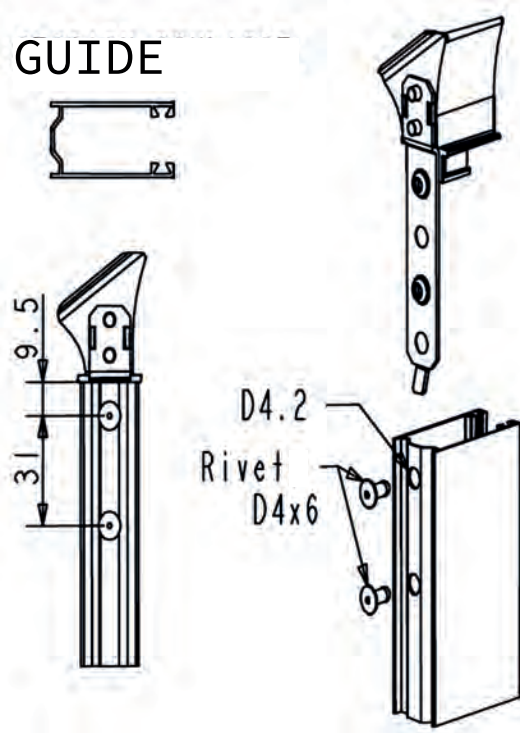


T-PI-501 - CUTTING CHART





 ASSEMBLY ENTRY GUIDE H363B - H364B



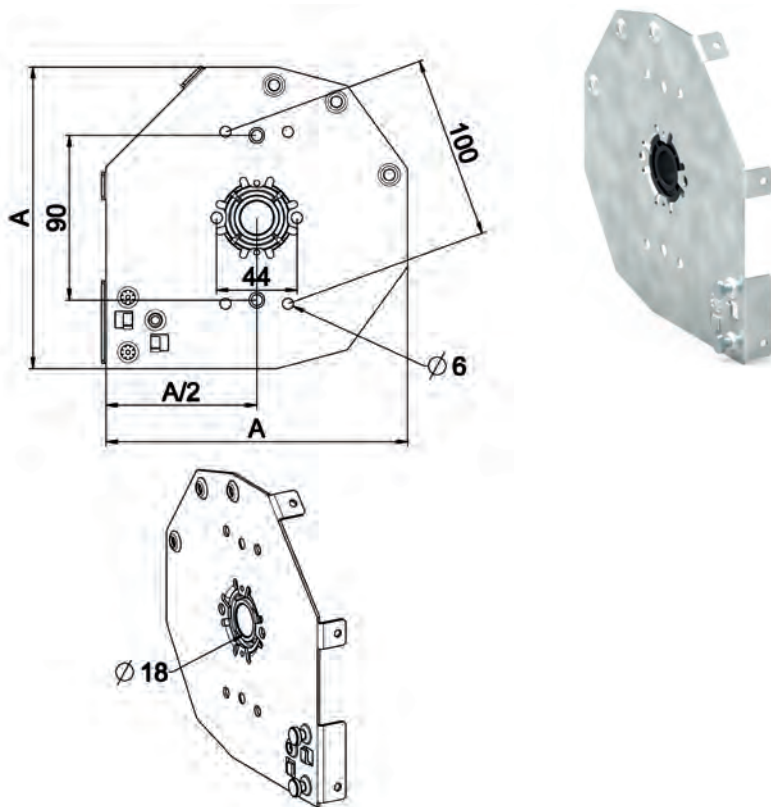
 ASSEMBLY ENTRY GUIDE H363 - H364





TRADI EXPRESS FIXED PLATE WITH BEARING

B728A



Features

Galvanized steel thickness 1.5 mm.
Bear: POM black .

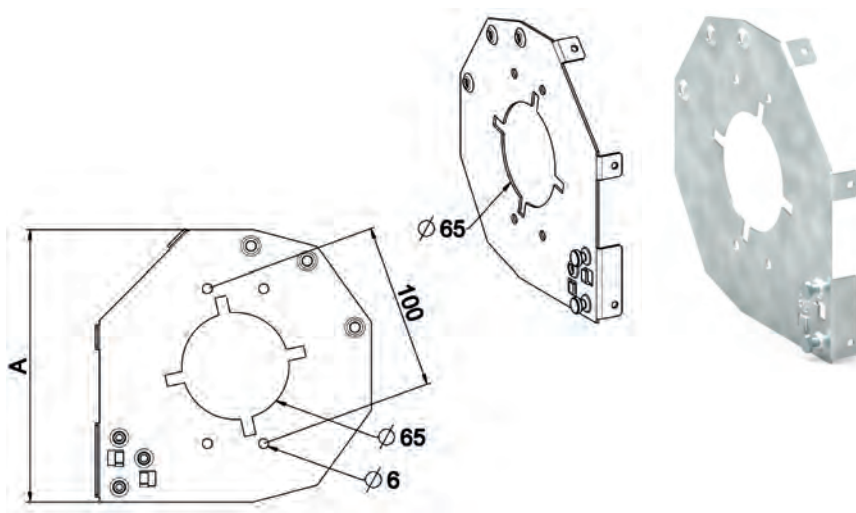
Use

On gear side with gearbox or tape coiler.
On opposite side for all type of operation.

REF.	TYPE	DIM.A	PACK.
B722A	Left	150	30
B723A	Right	150	30
B728A	Left	165	30
B729A	Right	165	30
B730A	Left	180	30
B731A	Right	180	30
B738A	Left	205	25
B739A	Right	205	25
B736A	Left	225	25
B737A	Right	225	25

TRADI EXPRESS PLATE BORE 65

B728B



Features

Galvanized steel thickness 1.5 mm.

Use

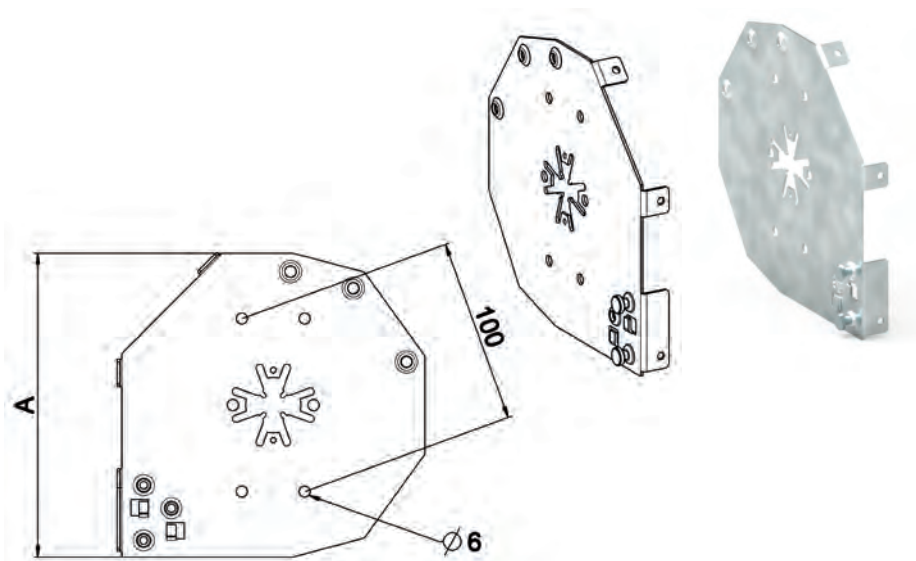
On gear side with various motors.
For fixing the motor : Control button for travel
limit horizontal or vertical.
Maxi torque : 20 Nm.

REF.	TYPE	DIM.A	PACK.
B722B	Left	150	30
B723B	Right	150	30
B728B	Left	165	30
B729B	Right	165	30
B730B	Left	180	40
B731B	Right	180	40
B738B	Left	205	25
B739B	Right	205	25
B736B	Left	225	25
B737B	Right	225	25



TRADI EXPRESS PLATE

B728E



Features

Galvanized steel thickness 1.5 mm.

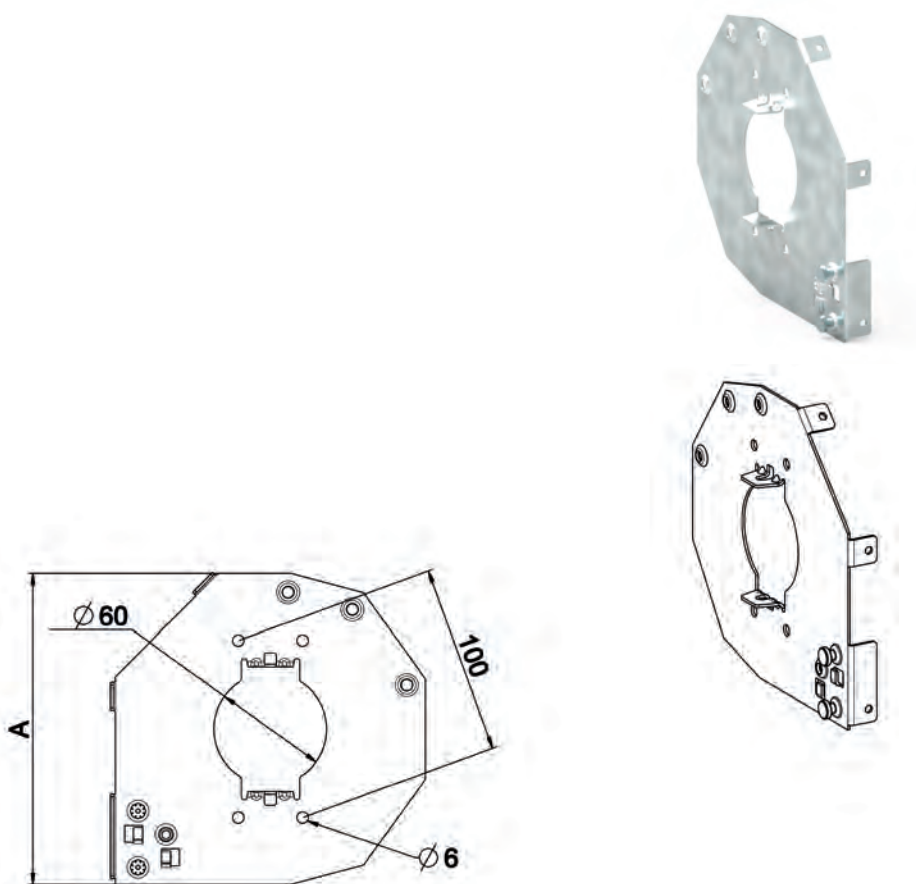
Use

For setting on the ball bearing with direct pull operation for 64 mm ZF tube or 60 mm octagonal tube.

REF.	TYPE	DIM.A	PACK.
B722E	Left	150	30
B723E	Right	150	30
B728E	Left	165	30
B729E	Right	165	30
B730E	Left	180	40
B731E	Right	180	40
B738E	Left	205	25
B739E	Right	205	25
B736E	Left	225	25
B737E	Right	225	25

TRADI EXPRESS SIMU PLATE

B728D



Features

Galvanized steel Thickness 1,5 mm.

Use

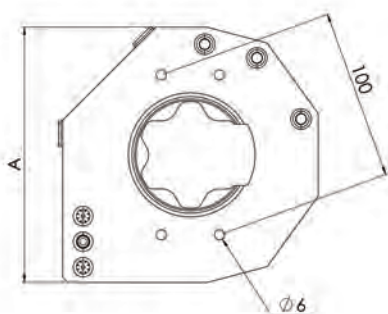
For operation with SIMU motor, locked with clip RÉF. 5012158 or set (ring + pin) RÉF. 9011860. Torque maxi : 20 Nm.

REF.	TYPE	DIM.A	PACK.
B722D	Left	150	30
B723D	Right	150	30
B728D	Left	165	30
B729D	Right	165	30
B730D	Left	180	30
B731D	Right	180	30
B738D	Left	205	25
B739D	Right	205	25
B736D	Left	225	25
B737D	Right	225	25



TRADI EXPRESS PLATE

B728C



Features

Galvanized steel thickness 1.5 mm.

Use

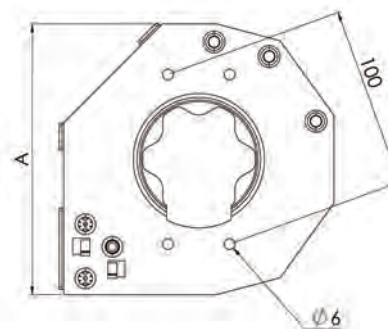
For operation with SOMFY motor, locked with arched ring RÉF. Somfy 9002534 or clamp RÉF. 9001219.

Torque maxi : 20 Nm.

REF.	TYPE	DIM.A	PACK.
B722C	Left	150	30
B723C	Right	150	30
B728C	Left	165	30
B729C	Right	165	30
B730C	Left	180	40
B731C	Right	180	40
B738C	Left	205	25
B739C	Right	205	25
B736C	Left	225	25
B737C	Right	225	25

TRADI EXPRESS PLATE

B728F



Features

Galvanized steel thickness 1.5 mm.

Use

For operation with SOMFY motor, locked with ring RÉF. Somfy 9002534 or clamp RÉF. 9001219.

Torque maxi : 20 Nm.

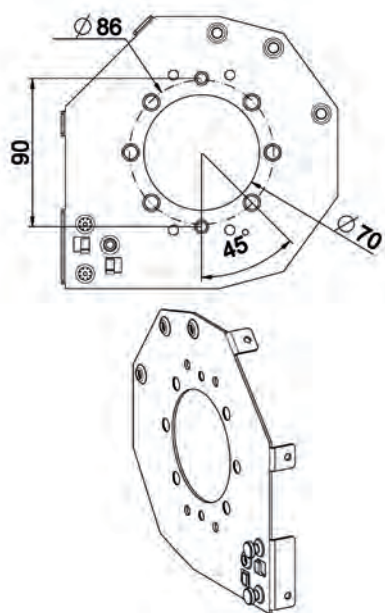
Allows the orientation of the motor head for having an access to travel limit buttons vertically.

REF.	TYPE	DIM.A	PACK.
B722F	Left	150	30
B723F	Right	150	30
B728F	Left	165	30
B729F	Right	165	30
B730F	Left	180	40
B731F	Right	180	40
B738F	Left	205	25
B739F	Right	205	25
B736F	Left	225	25
B737F	Right	225	25



TRADI EXPRESS PLATE

B728G



Features

Galvanized steel thickness 1.5 mm.

Use

For mounting motors with emergency device (MSI) from Somfy and Simu.

For operation exit :

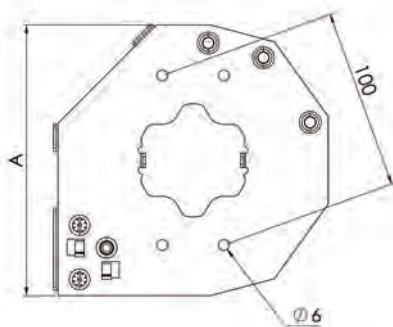
-either vertically or horizontal or 45 °.

Torque maxi. : 20 Nm.

REF.	TYPE	DIM.A	PACK.
B722G	Left	150	30
B722F	Left	150	30
B728G	Right	165	30
B729G	Right	165	30
B730G	Left	180	40
B731G	Right	180	40
B738G	Left	205	25
B739G	Right	205	25
B736G	Left	225	25
B737G	Right	225	25

TRADI EXPRESS PLATE

B728H



Features

Galvanized steel thickness 1.5 mm.

Use

Allows mounting of Somfy motors. Locking with extended ring ZF ref. J546A6.

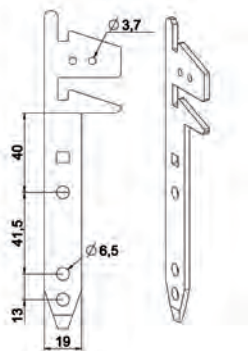
For assembly with motor without limit switch.

REF.	TYPE	DIM.A	PACK.
B722G	Left	150	30
B722F	Left	150	30
B728H	Left	165	30
B729H	Right	165	30
B730H	Left	180	40
B731H	Right	180	40
B738H	Left	205	25
B739H	Right	205	25



TRADI EXPRESS BRACKET

B732



Features

Galvanized steel thickness 3 mm.

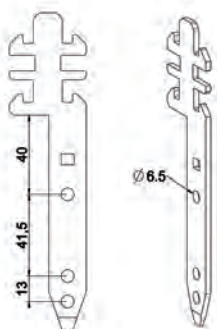
Use

Links the plate to the guide rail : guide rail type built-in Tradi Zedef.

REF.	WIDTH	PACK.
B732	19	150
B732F	17	150

TRADI EXPRESS BRACKET

B733



Features

Galvanized steel thickness 3 mm.

Use

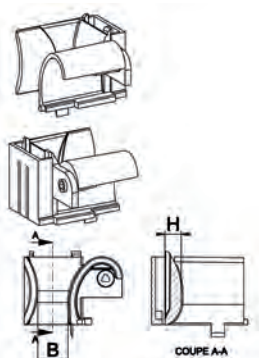
Links the plate on the guide rail type Tradi Zedef (built-in box), 2 types of winding positions according to the assembly :

- tangent winding : B orientation
- winding question mark form : orientation A.

REF.	PACK.
B733	120

TRADI EXPRESS ENTRY GUIDE

B734C1



Features

POM

Use

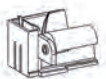
Allows the realization of inner and outer coil assemblies.
Also used in independent installation with B732E bracket.

RÉF.	TYPE	COLOR	H	B	PACK.
B734C1	Left - 8 mm slat	BEIGE	6.5	11	500
B734C2	Right - 8 mm slat	BEIGE	6.5	11	500
B734C3	Left - 14 mm slat	BLACK	6.5	15,5	500
B734C4	Right - 14 mm slat	BLACK	6.5	15,5	500
B734C5	Left - 8 mm slat	NATURAL	4	11	500
B734C6	Right - 8 mm slat	NATURAL	4	11	500
B734C7	Left - 14 mm slat	GREY	4	15,5	250
B734C8	Right - 14 mm slat	GREY	4	15,5	250
B734C9	Left - 8 mm slat	BLACK	6.5	11	500
B734C10	Right - 8 mm slat	BLACK	6.5	11	500
B734C17	Left - 8 mm slat	BLACK	4	11	500
B734C18	Right - 8 mm slat	BLACK	4	11	500



TRADI EXPRESS ENTRY GUIDE

B734C21



Features

POM

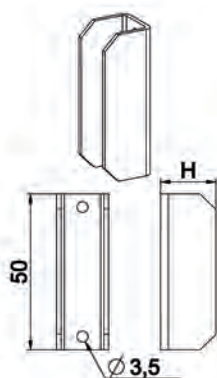
Use

Allows the realization of inner and outer coil assemblies.
Also used in independent installation with B732E bracket.

RÉF.	TYPE	COLOR	H	B	PACK.
B734C11	Left - 14 mm slat	NATURAL	4	15,5	250
B734C12	Right - 14 mm slat	NATURAL	4	15,5	250
B734C21	Left - 8 mm slat	NATURAL	4	11	250
B734C22	Right - 8mm slat	NATURAL	4	11	250

TRADI EXPRESS WEDGE

B734



Features

Galvanized steel thickness 1.5 mm.

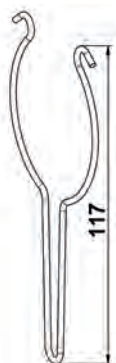
Use

To be used with B732/B733 bracket to fill with standard guide rails. (53x22)

REF.	H	PACK.
B734	17,5	400
B734A	18	200
B734F	17	400

RETAINING RING

J546A6



Features

Spring steel wire Ø2 coated Benzinal.

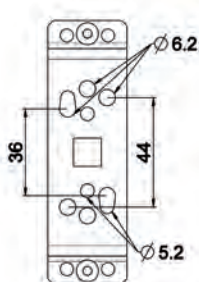
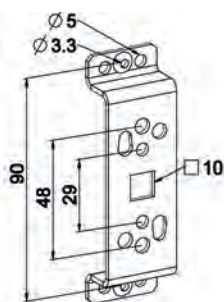
Use

Allows Somfy motor linkage on Tradi Express, Tradi ZEDEF bracket plate and other Somfy motor mounts.

RÉF.	PACK.
J546A6	250

MOTOR BRACKET PLATE

B296



Features

Galvanized steel width 30 - thickness 2 mm.

Use

Allows the fixing of the various MOTOR : SOMFY, SIMU, JOLLY MOTOR...

Delivered in bag with fastening screws: 2 screws M4 x 8.

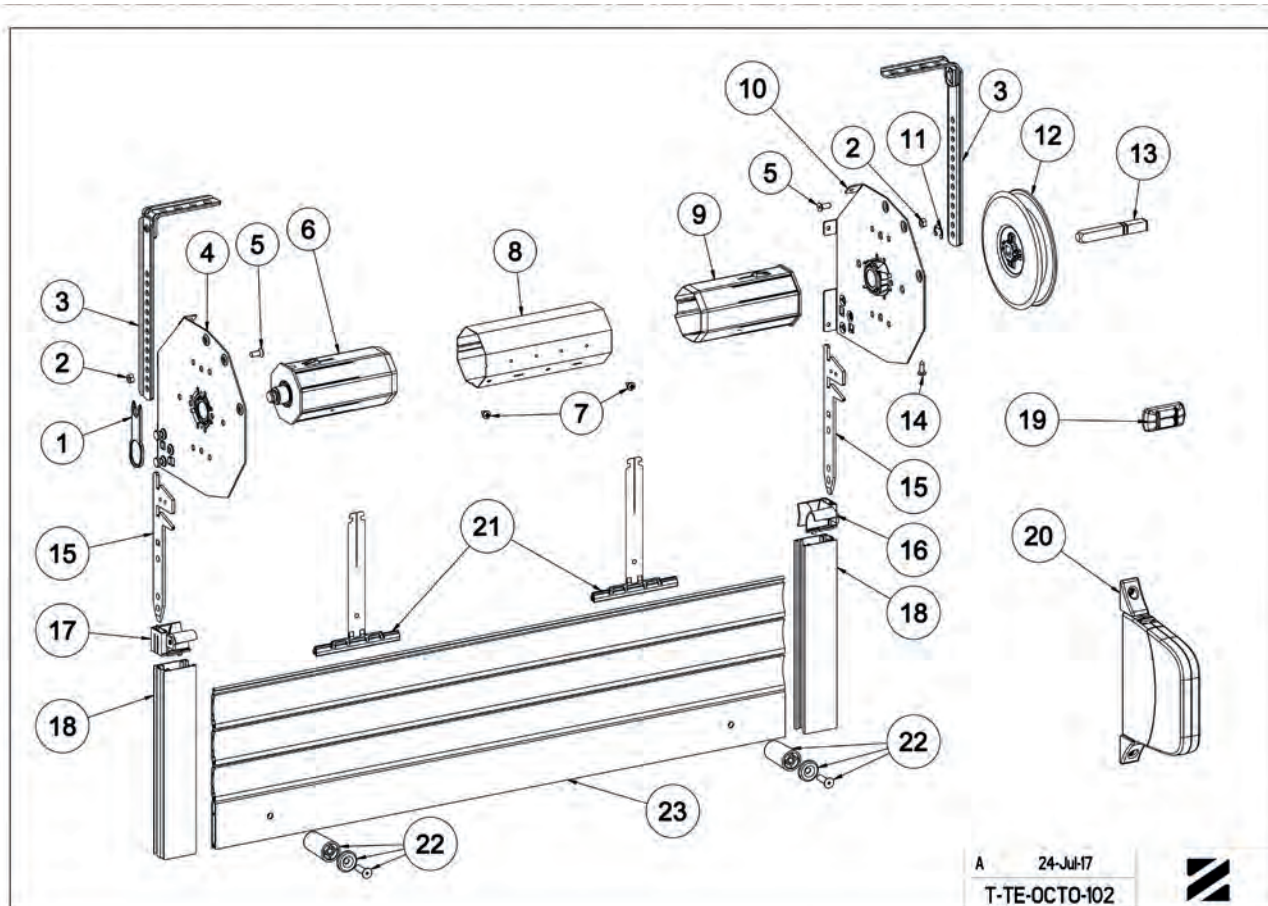
RÉF.	PACK.
B296	100

Other motor bracket on chapter 1 K370C..



T-TE-102 - ASSEMBLY «TRADI EXPRESS» INNER WINDING - 15 MM STRAP FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION	SIZE 180	SIZE 205	SIZE 225
1	1	A640	BLOCKING BRACKET	A640	A640	A640
2	2	4507	NUT M6	4507	4507	4507
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80	B205	B205	B205
4	1	B723A	PLATE TRADI EXPRESS WITH BEARING 150 RIGHT	B731A	B739A	B737A
5	2	4112	SCREW F Z M 6-12	4112	4112	4112
6	1	A483T	RETRACTABLE CAP FOR 60 OCTAGONAL TUBE BEARING D. 18 SPINDLE D. 12	A483T	A483T	A483T
7	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE	4209	4209	4209
8	-	----	60 MM OCTAGONAL TUBE	----	----	----
9	1	A483A	RETRACTABLE CAP 60 MM OCTA. BEARING Ø 18 / 10 MM SQUARE	A483A	A483A	A483A
10	1	B722A	PLATE TRADI EXPRESS WITH BEARING 150 LEFT	B730A	B738A	B736A
11	1	4823	RING E 863 D11	4823	4823	4823
12	1	G130C	PULLEY 10 MM SQUARE Ø 125	G130C	G130C	G130C
OR	OR	OR		OR	OR	OR
12	1	G130D	PULLEY 10 MM SQUARE 10 Ø 155	G130D	G130D	G130D
13	1	A613A	DRIVE 10 MM SQUARE	A613A	A613A	A613A
OR	OR	OR		OR	OR	OR
13	1	A605	DRIVE 10 MM SQUARE	A605	A605	A605
14	1	4205	SCREW CBL Z ST 4,2 - 13 C ZN8/A/FE X 200	4205	4205	4205
15	2	B732	FASTENING HOOK FOR INTERIOR WINDING	B732	B732	B732
16	1	B734C5	TRADI EXPRESS ENTRY GUIDE	B734C5	B734C5	B734C5
OR	OR	OR		OR	OR	OR
16	1	B734C7	TRADI EXPRESS ENTRY GUIDE	B734C7	B734C7	B734C7
17	1	B734C6	TRADI EXPRESS ENTRY GUIDE	B734C6	B734C6	B734C6
OR	OR	OR		OR	OR	OR
17	1	B734C8	TRADI EXPRESS ENTRY GUIDE	B734C8	B734C8	B734C8
18	-	--	GUIDE RAILS	--	--	--
19	1	G218	STRAP GUIDE HORIZONTAL FIXING WHITE	G218	G218	G218
20	1	G570	COILER OPEN UP WITHOUT STRAP WHITE	G570	G570	G570
21	2 MINI	H880B	FIXING SPRING TO CLIP L150 GREY 8 MM SLAT	H880B	H880B	H880B
OR	OR	OR		OR	OR	OR
21	2 MINI	H881B	FIXING SPRING TO CLIP L150 GREY 9.5 MM SLAT	H881B	H881B	H881B
OR	OR	OR		OR	OR	OR
21	2 MINI					H883B
22	2	H138	ROUND STOPPER WITH RING AND SCREW	H138	H138	H138
23	-	-	SHUTTER	-	-	-



A 24-Jul-17

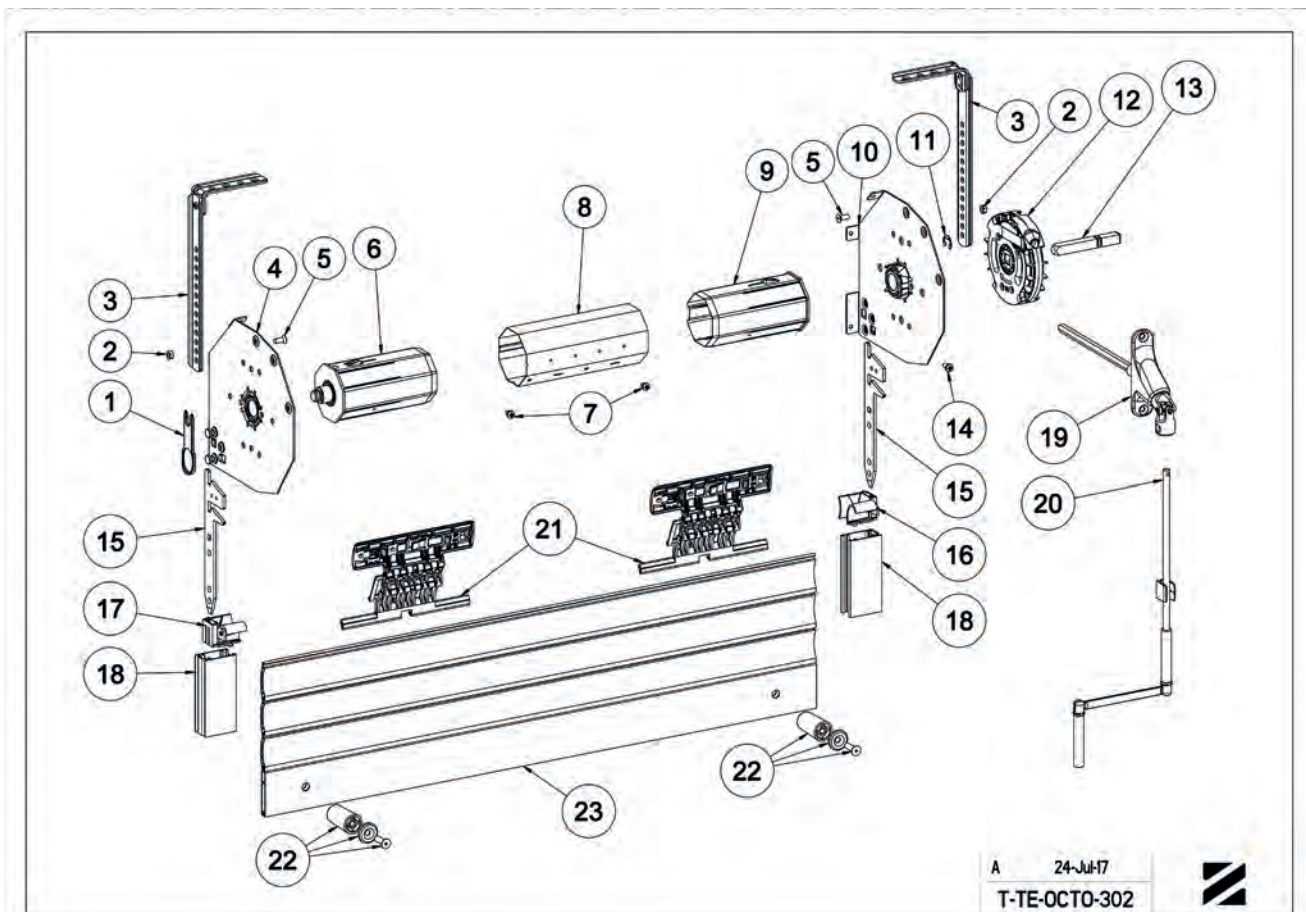
T-TE-OCTO-102





T-TE-302 - ASSEMBLY «TRADI EXPRESS» INNER WINDING - TECHNIVIS GEARBOX FOR 60 MM OCTAGONAL TUBE

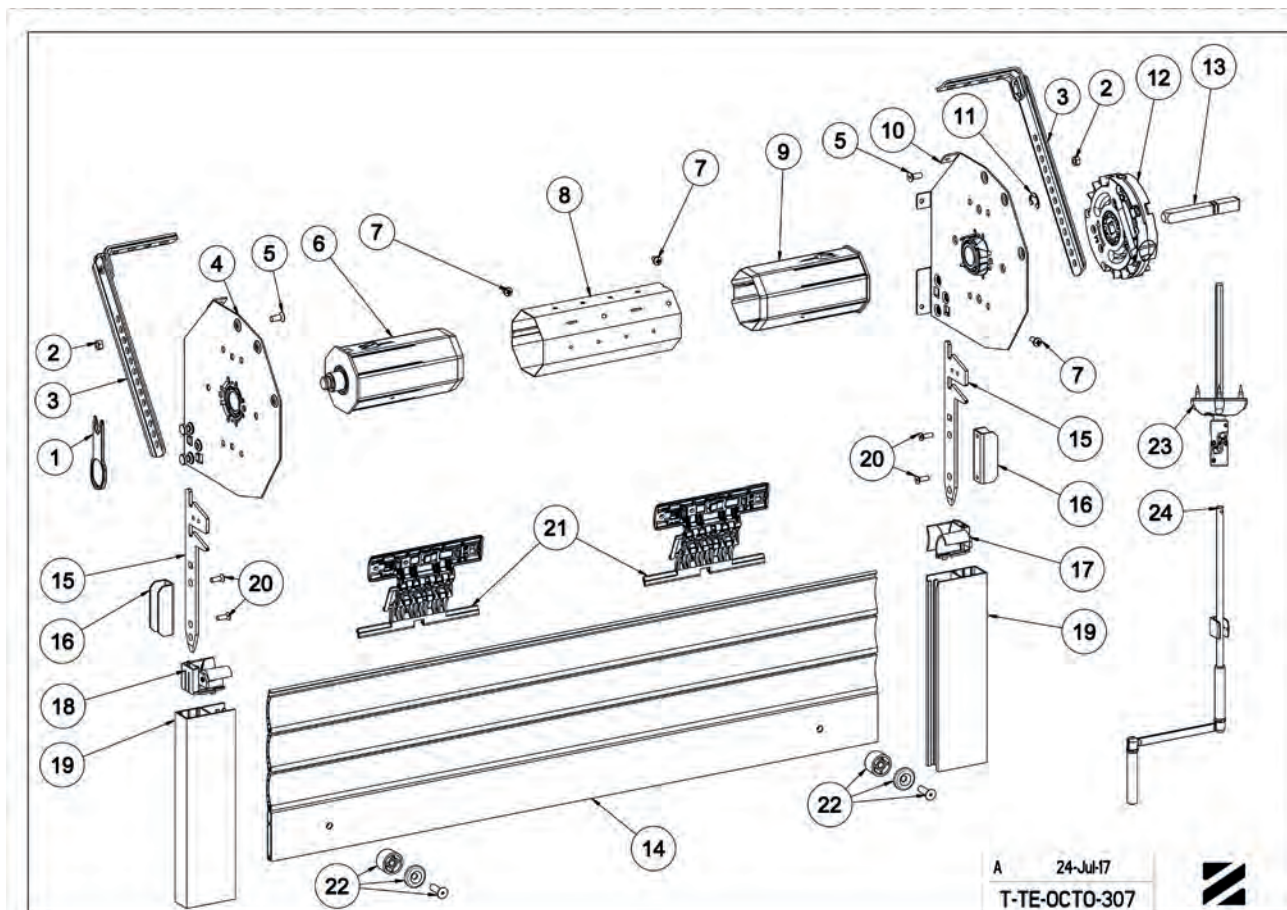
MARK	QTY	REFERENCE	DESCRIPTION	SIZE 180	SIZE 205	SIZE 225
1	1	A640	BLOCKING BRACKET	A640	A640	A640
2	2	4507	NUT M6	4507	4507	4507
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80	B205	B205	B205
4	1	B723A	PLATE TRADI EXPRESS WITH BEARING 150 RIGHT	B731A	B739A	B737A
5	2	4112	SCREW F Z M 6-12	4112	4112	4112
6	1	A483T	RETRACTABLE CAP FOR 60 OCTAGONAL TUBE BEARING D. 18 SPINDLE D. 12	A483T	A483T	A483T
7	2	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE	4209	4209	4209
8	-	----	60 MM OCTAGONAL TUBE	----	----	----
9	1	A483A	RETRACTABLE CAP 60 MM OCTA. BEARING Ø 18 / 10 MM SQUARE	A483A	A483A	A483A
10	1	B722A	PLATE TRADI EXPRESS WITH BEARING 150 LEFT	B730A	B738A	B736A
11	1	4823	RING E 863 D11	4823	4823	4823
12	1	C371C	TECHNIVIS GEARBOX	C371C	C371C	C371C
OR	OR	OR		OR	OR	OR
12	1	C370C	TECHNIVIS GEARBOX	C370C	C370C	C370C
13	1	A613A	DRIVE 10 MM SQUARE	A613A	A613A	A613A
OR	OR	OR		OR	OR	OR
13	1	A605	DRIVE 10 MM SQUARE	A605	A605	A605
14	1	4205	SCREW CBL Z ST 4,2 - 13 C ZN8/A/FE X 200	4205	4205	4205
15	2	B732	FASTENING HOOK FOR INTERIOR WINDING	B732	B732	B732
16	1	B734C5	TRADI EXPRESS ENTRY GUIDE	B734C5	B734C5	B734C5
OR	OR	OR		OR	OR	OR
16	1	B734C7	TRADI EXPRESS ENTRY GUIDE	B734C7	B734C7	B734C7
17	1	B734C6	TRADI EXPRESS ENTRY GUIDE	B734C6	B734C6	B734C6
OR	OR	OR		OR	OR	OR
17	1	B734C8	TRADI EXPRESS ENTRY GUIDE	B734C8	B734C8	B734C8
18	-	--	GUIDE RAILS	--	--	--
19	1	SERIE D590	CARDAN JOINT 90 ° SMALL PLATE 7 MM HEXA	SERIE D590	SERIE D590	SERIE D590
20	1	SERIE E6XX	CRANK HANDLE	SERIE E6XX	SERIE E6XX	SERIE E6XX
21	2 MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT			
OR	OR	OR		OR	OR	OR
21	2 MINI			H894B	H894B	H894B
OR	OR	OR		OR	OR	OR
21	2 MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT			
OR	OR	OR		OR	OR	OR
21	2 MINI			H894B+H872B	H894B+H872B	H894B+H872B
OR	OR	OR		OR	OR	OR
21	2 MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING			
OR	OR	OR		OR	OR	OR
21	2 MINI			H890C	H890C	H890C
OR	OR	OR		OR	OR	OR
21	2 MINI					H890D
22	2	H138	ROUND STOPPER WITH RING AND SCREW	H138	H138	H138
23	-	-	SHUTTER	-	-	-





T-TE-307 - ASSEMBLY «TRADI EXPRESS» INNER WINDING - TECHNIVIS GEARBOX - GUIDE RAIL FOR BUILT-ON BOX FOR 60 MM OCTAGONAL TUBE

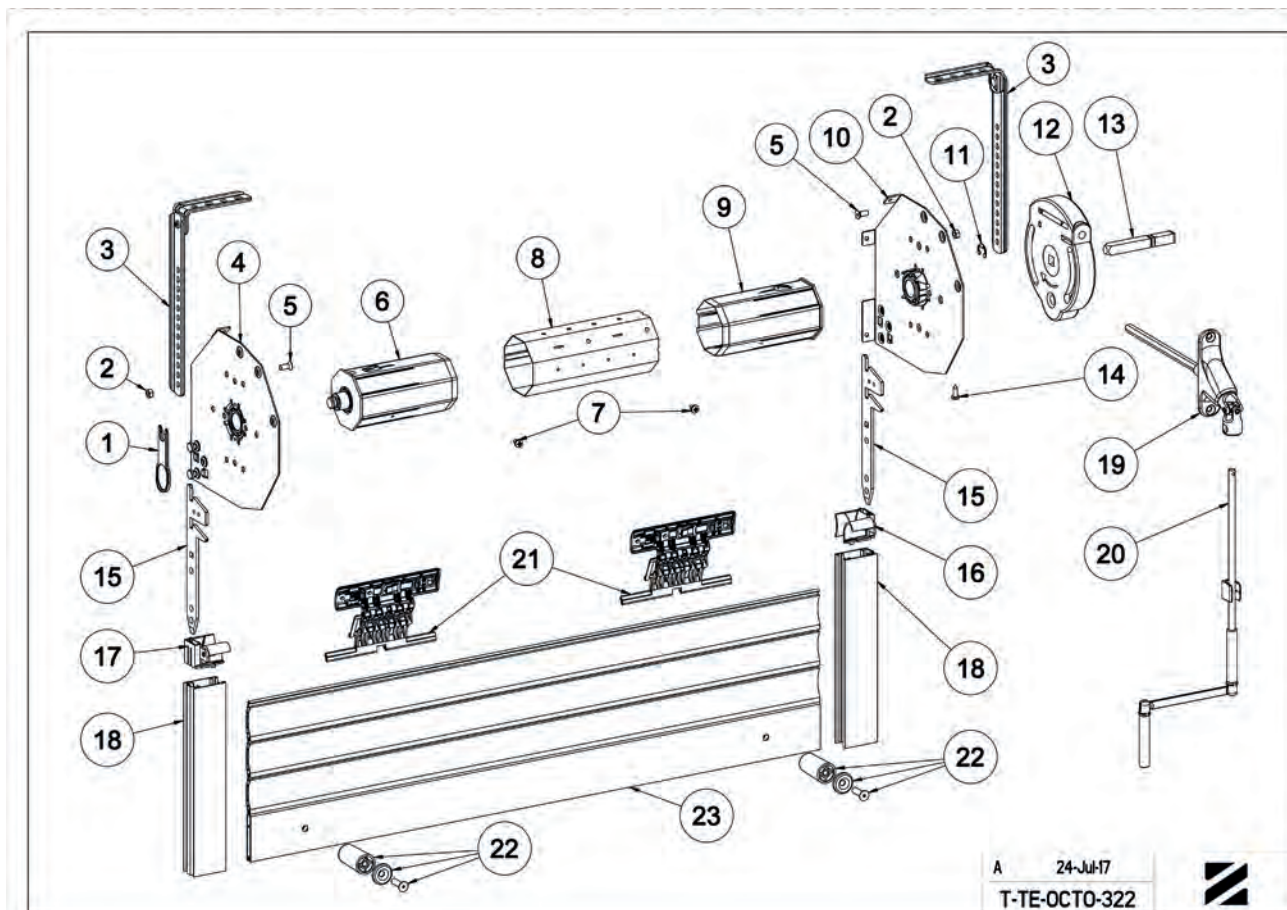
MARK	QTY	REFERENCE	DESCRIPTION	SIZE 180	SIZE 205	SIZE 225
1	1	A640	BLOCKING BRACKET	A640	A640	A640
2	2	4507	NUT M6	4507	4507	4507
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80	B205	B205	B205
4	1	B723A	PLATE TRADI EXPRESS WITH BEARING 150 RIGHT	B731A	B739A	B737A
5	2	4112	SCREW F Z M 6-12	4112	4112	4112
6	1	A483T	RETRACTABLE CAP FOR 60 OCTAGONAL TUBE BEARING D. 18 SPINDLE D. 12	A483T	A483T	A483T
7	3	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE	4209	4209	4209
8	-	----	60 MM OCTAGONAL TUBE	----	----	----
9	1	A483A	RETRACTABLE CAP 60 MM OCTA. BEARING Ø 18 / 10 MM SQUARE	A483A	A483A	A483A
10	1	B722A	PLATE TRADI EXPRESS WITH BEARING 150 LEFT	B730A	B738A	B736A
11	1	4823	RING E 863 D11	4823	4823	4823
12	1	C371C	TECHNIVIS GEARBOX	C371C	C371C	C371C
OR	OR	OR		OR	OR	OR
12	1	C370C	TECHNIVIS GEARBOX	C370C	C370C	C370C
13	1	A613A	DRIVE 10 MM SQUARE	A613A	A613A	A613A
OR	OR	OR		OR	OR	OR
13	1	A605	DRIVE 10 MM SQUARE	A605	A605	A605
14	-	----	SHUTTER	----	----	----
15	2	B732	FASTENING HOOK FOR INTERIOR WINDING	B732	B732	B732
16	2	B734	ADDITIONNAL SUPPORT TRADI EXPRESS / GUIDE 22 X 53	B734	B734	B734
17	1	B734C1	TRADI EXPRESS ENTRY GUIDE	B734C1	B734C1	B734C1
OR	OR	OR		OR	OR	OR
17	1	B734C3	TRADI EXPRESS ENTRY GUIDE	B734C3	B734C3	B734C3
18	1	B734C2	TRADI EXPRESS ENTRY GUIDE	B734C2	B734C2	B734C2
OR	OR	OR		OR	OR	OR
18	1	B734C4	TRADI EXPRESS ENTRY GUIDE	B734C4	B734C4	B734C4
19	-	----	GUIDE RAILS	----	----	----
20	4	4247	SCREW F M4X12 ZN8/A/FE	427	4247	4247
21	2 MINI	H894A	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT	OR	OR	OR
OR	OR	OR		OR	OR	OR
21	2 MINI	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS	H894B	H894B	H894B
OR	OR	OR		OR	OR	OR
21	2 MINI	H894A+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 1 ELEMENT	OR	OR	OR
OR	OR	OR		OR	OR	OR
21	2 MINI			H894B+H872B	H894B+H872B	H894B+H872B
OR	OR	OR		OR	OR	OR
21	2 MINI	H890A	OCTOCLICK 1 ELEMENT+ SPRING	OR	OR	OR
OR	OR	OR		OR	OR	OR
21	2 MINI			H890C	H890C	OR
OR	OR	OR		OR	OR	OR
21	2 MINI			OR	OR	H890D
22	2	H138	ROUND STOPPER WITH RING AND SCREW	H138	H138	H138
23	1	D174NG	CARDAN JOINT	D174NG	D174NG	D174NG
24	1	SERIE E6XX	CRANK HANDLE	SERIE E6XX	SERIE E6XX	SERIE E6XX





T-TE-322 - ASSEMBLY «TRADI EXPRESS» INNER WINDING - GEARBOX WITH CLUTCH SYSTEM FOR 60 MM OCTAGONAL TUBE

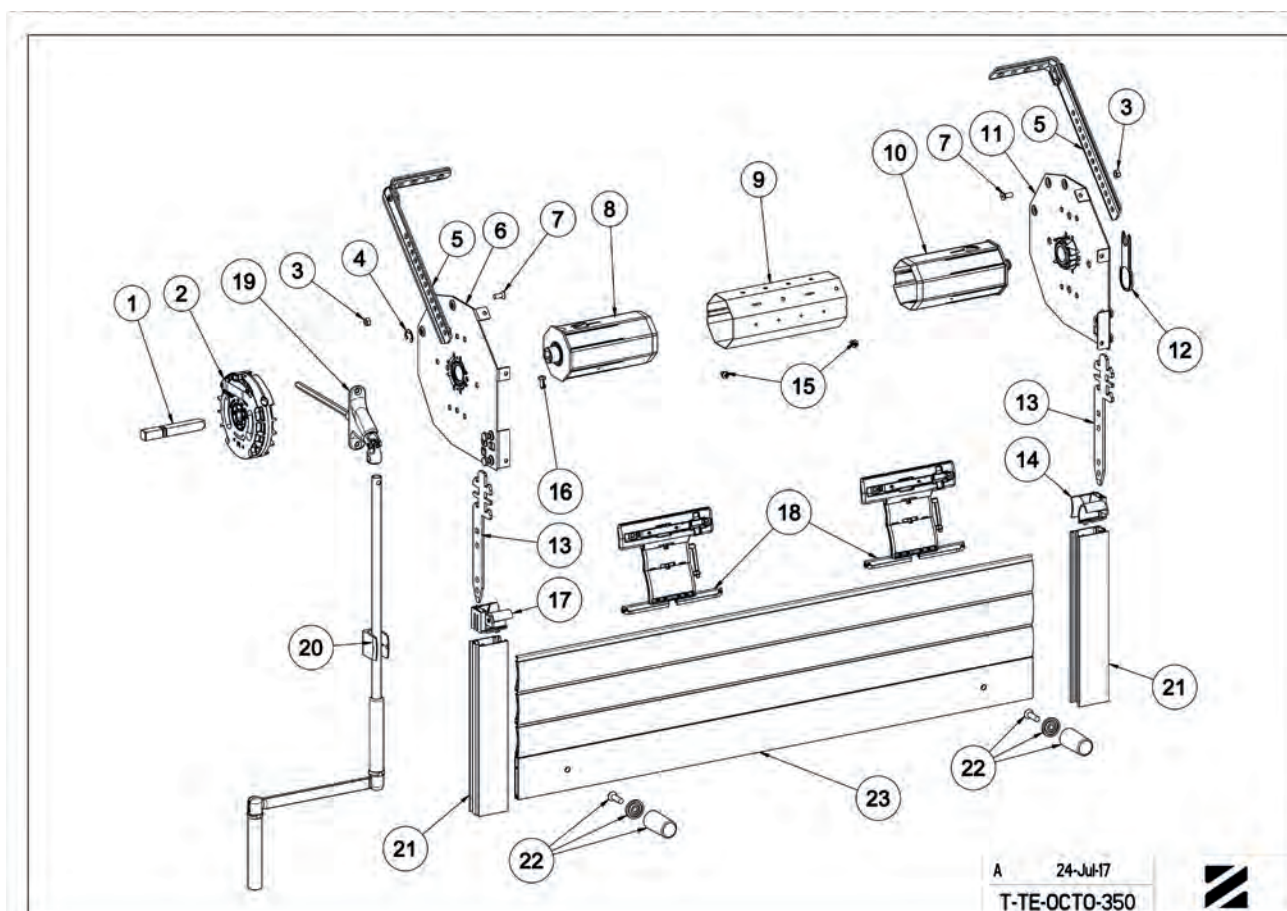
MARK	QTY	REFERENCE	SIZE 180	SIZE 205	SIZE 225	DESCRIPTION
1	1	A640	A640	A640	A640	BLOCKING BRACKET
2	2	4507	4507	4507	4507	NUT M6
3	2	B205	B205	B205	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	1	B723A	B731A	B739A	B737A	PLATE TRADI EXPRESS WITH BEARING RIGHT
5	2	4112	4112	4112	4112	SCREW F Z M 6-12
6	1	A483T	A483T	A483T	A483T	RETRACTABLE CAP FOR 60 OCTAGONAL TUBE BEARING D. 18 SPINDLE D. 12
7	2	4209	4209	4209	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
8	-	---	---	---	---	60 MM OCTAGONAL TUBE
9	1	A483A	A483A	A483A	A483A	RETRACTABLE CAP 60 MM OCTA. BEARING Ø 18 / 10 MM SQUARE
10	1	B722A	B730A	B738A	B736A	PLATE TRADI EXPRESS WITH BEARING LEFT
11	1	4823	4823	4823	4823	RING E 863 D11
12	1	C191E	C191E	C191E	C191E	GEARBOX
13	1	A613A	A613A	A613A	A613A	DRIVE 10 MM SQUARE
OR	OR	OR	OR	OR	OR	
13	1	A605	A605	A605	A605	DRIVE 10 MM SQUARE
14	1	4205	4205	4205	4205	SCREW CBL Z ST 4,2 - 13 C ZN8/A/FE X 200
15	2	B732	B732	B732	B732	FASTENING HOOK FOR INTERIOR WINDING
16	1	B734C5	B734C5	B734C5	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	OR	OR	OR	
16	1	B734C7	B734C7	B734C7	B734C7	TRADI EXPRESS ENTRY GUIDE
17	1	B734C6	B734C6	B734C6	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	OR	OR	OR	
17	1	B734C8	B734C8	B734C8	B734C8	TRADI EXPRESS ENTRY GUIDE
18	-	---	---	---	---	GUIDE RAILS
19	4	SERIE D590	SERIE D590	SERIE D590	SERIE D590	CARDAN JOINT 90 ° SMALL PLATE 7 MM HEXA
20	1	SERIE E6XX	SERIE E6XX	SERIE E6XX	SERIE E6XX	CRANK HANDLE
21	2 MINI	H894A	OR	OR	OR	
OR	OR	OR	OR	OR	OR	
21	2 MINI	OR	H894B	H894B	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	OR	OR	OR	
21	2 MINI	H894A+H872B	OR	OR	OR	
OR	OR	OR	OR	OR	OR	
21	2 MINI	OR	H894B+H872B	H894B+H872B	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	OR	OR	OR	
21	2 MINI	H890A	OR	OR	OR	
OR	OR	OR	OR	OR	OR	
21	2 MINI	OR	H890C	H890C	OR	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	OR	OR	OR	
21	2 MINI	OR	OR	OR	H890D	OCTOCLICK 2.5 ELEMENTS + SPRING
22	2	H138	H138	H138	H138	ROUND STOPPER WITH RING AND SCREW
23	-	-	-	-	-	SHUTTER





T-TE-350 - ASSEMBLY «TRADI EXPRESS» OUTSIDE WINDING - TECHNIVIS GEAR-BOX FOR 60 M OCTAGONAL TUBE

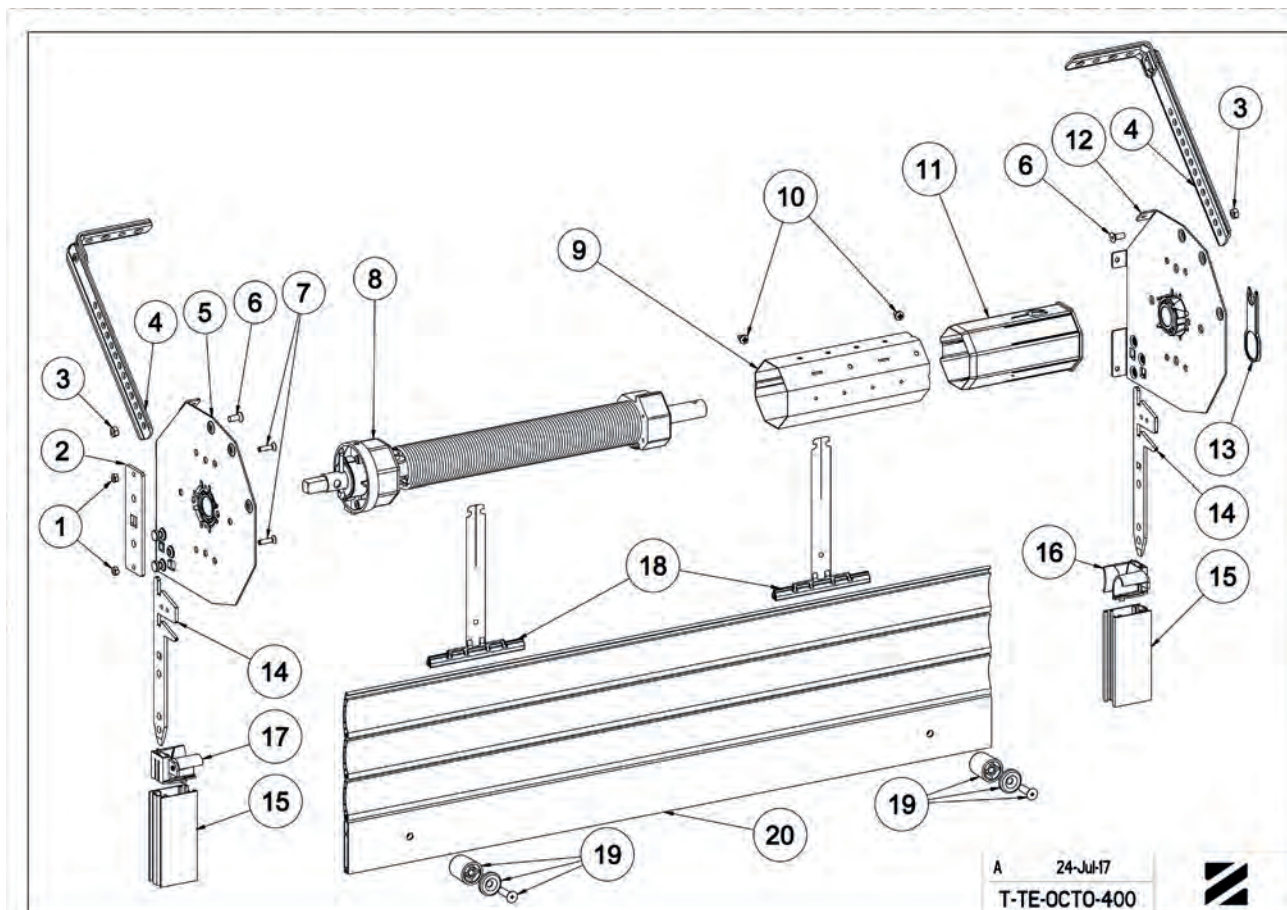
MARK	QTY	REFERENCE	SIZE 180	SIZE 205	SIZE 225	DESCRIPTION
1	1	A613A	A613A	A613A	A613A	DRIVE 10 MM SQUARE
OR	OR	OR	OR	OR	OR	
1	1	A605	A605	A605	A605	DRIVE 10 MM SQUARE
2	1	C370C	C370C	C370C	C370C	TECHNIVIS GEARBOX
3	2	4507	4507	4507	4507	NUT M6
4	1	4823	4823	4823	4823	RING E 863 D11
5	2	B205	B205	B205	B205	REINFORCEMENT GALVANIZED OFFSET 80
6	1	B722A	B738A	B730A	B736A	PLATE TRADI EXPRESS WITH BEARING LEFT
7	2	4112	4112	4112	4112	SCREW F Z M 6-12
8	1	A483A	A483A	A483A	A483A	RETRACTABLE CAP 60 MM OCTA. BEARING Ø 18 / 10 MM SQUARE
9	-	---	---	---	---	60 MM OCTAGONAL TUBE
10	1	A483T	A483T	A483T	A483T	RETRACTABLE CAP FOR 60 OCTAGONAL TUBE BEARING D. 18 SPINDLE D. 12
11	1	B723A	B739A	B731A	B737A	PLATE TRADI EXPRESS WITH BEARING RIGHT
12	1	A640	A640	A640	A640	BLOCKING BRACKET
13	2	B733	B733	B733	B733	FASTENING HOOK FOR EXTERIOR WINDING
14	1	B734C6	B734C6	B734C6	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	OR	OR	OR	
14	1	B734C8	B734C8	B734C8	B734C8	TRADI EXPRESS ENTRY GUIDE
15	2	4209	4209	4209	4209	SCREW CBL Z ST 4.2 - 9.5 C ZN8/A/FE
16	1	4205	4205	4205	4205	SCREW CBL Z ST 4.2 - 13 C ZN8/A/FE X 200
17	1	B734C5	B734C5	B734C5	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	OR	OR	OR	
17	1	B734C7	B734C7	B734C7	B734C7	TRADI EXPRESS ENTRY GUIDE
18	2 MINI	H894A				
OR	OR	OR	OR	OR	OR	
18	2 MINI		H894B	H894B	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	OR	OR	OR	
18	2 MINI	H894A+H872B				
OR	OR	OR	OR	OR	OR	
18	2 MINI		H894B+H872B	H894B+H872B	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	OR	OR	OR	
18	2 MINI	H890A				
OR	OR	OR	OR	OR	OR	
18	2 MINI		H890C	H890C		OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	OR	OR	OR	
18	2 MINI				H890D	OCTOCLICK 2.5 ELEMENTS + SPRING
19	1	SERIE D590	SERIE D590	SERIE D590	SERIE D590	CARDAN JOINT 90 ° SMALL PLATE 7 MM HEXA
20	1	SERIE E6XX	SERIE E6XX	SERIE E6XX	SERIE E6XX	CRANK HANDLE
21	-	---	---	---	---	GUIDE RAILS
22	2	H138	H138	H138	H138	ROUND STOPPER WITH RING AND SCREW
OR	OR	OR	OR	OR	OR	
22	2	H142	H142	H142	H142	ROUND STOPPER WITH RING AND SCREW
23	-	---	---	---	---	SHUTTER





T-TE-400 - ASSEMBLY «TRADI EXPRESS» INNER WINDING - DIRECT PULL FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	SIZE 180	SIZE 205	SIZE 225	DESCRIPTION
1	2	4505	4505	4505	4505	NUT M4 ZN8
2	1	J546A1	J546A1	J546A1	J546A1	SOMFY MOTOR BRACKET + RINGS
3	2	4507	4507	4507	4507	NUT M6
4	2	B205	B205	B205	B205	REINFORCEMENT GALVANIZED OFFSET 80
5	1	B723A	B731A	B739A	B737A	PLATE TRADI EXPRESS WITH BEARING RIGHT
6	2	4112	4112	4112	4112	SCREW F Z M 6-12
7	2	4159	4159	4159	4159	SCREW F Z M 4-16 RL ZN8/A/FE
8	1	A866	A866	A866	A866	SPRING LEFT FOR 60 MM OCTAGONAL TUBE DIRECT PULL
+	+	+	+	+	+	+
8	1	A330E3	A330E3	A330E3	A330E3	ADAPTER FOR SPRING
9	-	----	----	----	----	60 MM OCTAGONAL TUBE
10	2	4209	4209	4209	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
11	1	A483T	A483T	A483T	A483T	RETRACTABLE CAP FOR 60 OCTAGONAL TUBE BEARING D. 18 SPINDLE D. 12
12	1	B722A	B730A	B738A	B736A	PLATE TRADI EXPRESS WITH BEARING LEFT
13	1	A640	A640	A640	A640	BLOCKING BRACKET
14	2	B732	B732	B732	B732	FASTENING HOOK FOR INTERIOR WINDING
15	-	--	--	--	--	GUIDE RAILS
16	1	B734C5	B734C5	B734C5	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	OR	OR	OR	
16	1	B734C7	B734C7	B734C7	B734C7	TRADI EXPRESS ENTRY GUIDE
17	1	B734C6	B734C6	B734C6	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	OR	OR	OR	
17	1	B734C8	B734C8	B734C8	B734C8	TRADI EXPRESS ENTRY GUIDE
18	2 MINI	H880B	H880B	H880B	H880B	
OR	OR	OR	OR	OR	OR	
18	2 MINI				H882B	FIXING SPRING TO CLIP L180 GREY 9,5 MM SLAT
OR	OR	OR	OR	OR	OR	
18	2 MINI	H881B	H881B	H881B	H881B	
OR	OR	OR	OR	OR	OR	
18	2 MINI				H883B	FIXING SPRING TO CLIP L185 GREY 9,5 MM SLAT
19	2	H138	H138	H138	H138	ROUND STOPPER WITH RING AND SCREW
20	-	-	-	-	-	SHUTTER





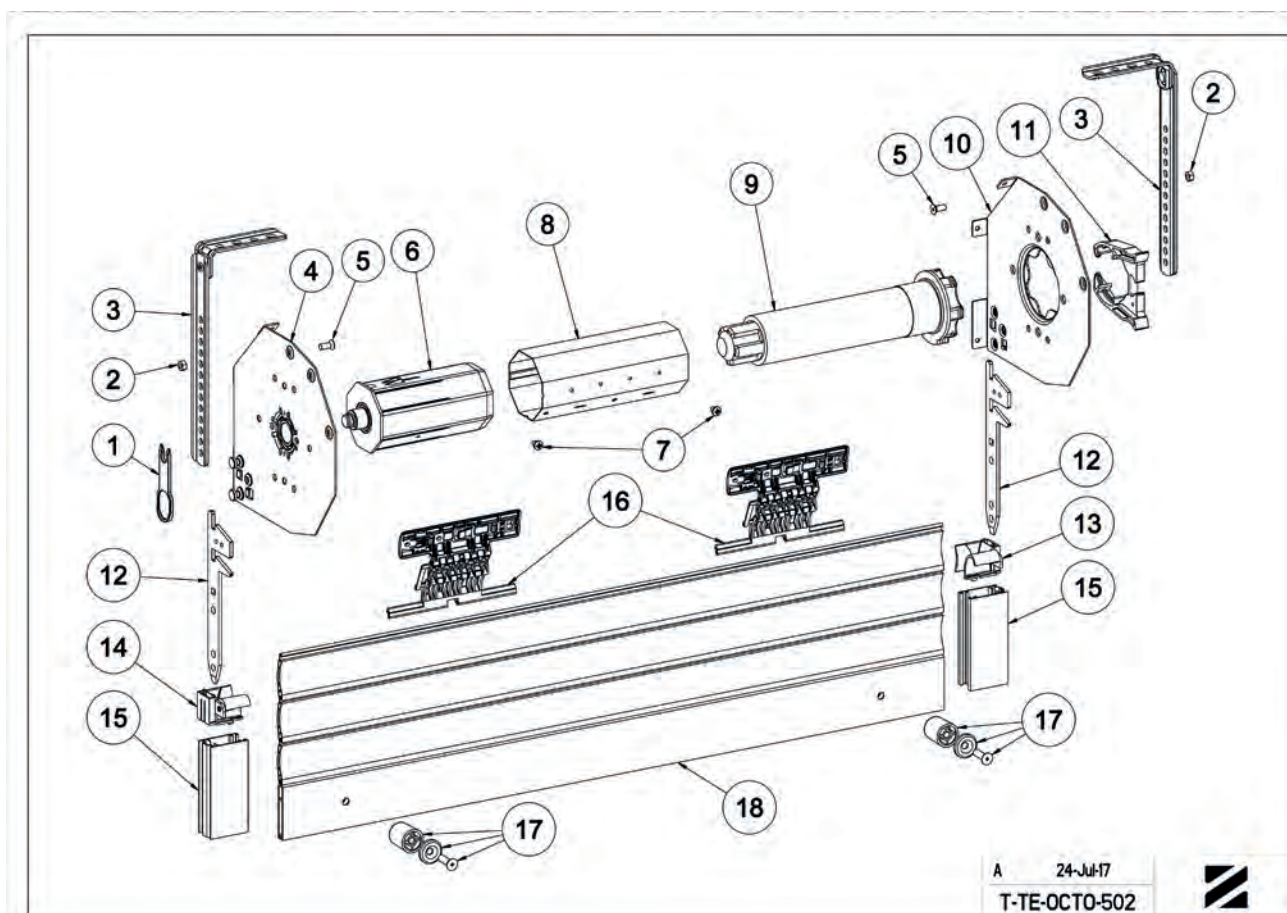
T-TE-502 - ASSEMBLY «TRADI EXPRESS» INNER WINDING - SOMFY MOTOR RIGHT FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	SIZE 180	SIZE 205	SIZE 225	DESCRIPTION
1	1	A640	A640	A640	A640	BLOCKING BRACKET
2	2	4507	4507	4507	4507	NUT M6
3	2	B205	B205	B205	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	1	B723A	B731A	B739A	B737A	PLATE TRADI EXPRESS WITH BEARING RIGHT
5	2	4112	4112	4112	4112	SCREW F Z M 6-12
6	1	A483T	A483T	A483T	A483T	RETRACTABLE CAP FOR 60 OCTAGONAL TUBE BEARING D. 18 SPINDLE D. 12
7	2	4209	4209	4209	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
8	-	----	----	----	----	60 MM OCTAGONAL TUBE
9	1	..	..	..	..	MOTOR SOMFY LT50
10	1	B722C	B730C	B738C	B736C	PLATE TRADI EXPRESS WITH BEARING LEFT
11	1	...	...	...	...	CLAMP SOMFY REF 9001219
12	2	B732	B732	B732	B732	FASTENING HOOK FOR INTERIOR WINDING
13	1	B734C6	B734C6	B734C6	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	OR	OR	OR	
13	1	B734C8	B734C8	B734C8	B734C8	TRADI EXPRESS ENTRY GUIDE
14	1	B734C5	B734C5	B734C5	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	OR	OR	OR	
14	1	B734C7	B734C7	B734C7	B734C7	TRADI EXPRESS ENTRY GUIDE
15	-	--	--	--	--	GUIDE RAILS
16	2 MINI	H894A				
OR	OR	OR	OR	OR	OR	
16	2 MINI		H894B	H894B	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	OR	OR	OR	
16	2 MINI	H894A+H872B				
OR	OR	OR	OR	OR	OR	
16	2 MINI		H894B+H872B	H894B+H872B	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	OR	OR	OR	
16	2 MINI	H890A				
OR	OR	OR	OR	OR	OR	
16	2 MINI		H890C	H890C		OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	OR	OR	OR	
16	2 MINI				H890D	OCTOCLICK 2.5 ELEMENTS + SPRING
17	2	H138	H138	H138	H138	ROUND STOPPER WITH RING AND SCREW
18	-	-	-	-	-	SHUTTER

REMARK : FOR AN ASSEMBLY MOTOR LEFT, CHANGE PARTS MARK 4 AND 10

MARK 4 BECOMES : B729C OR B731C OR B739C OR B737C OR B723C

MARK 10 BECOMES : B728A OR B730A OR B738A OR B736A OR B722A



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T-TE-OCTO-502





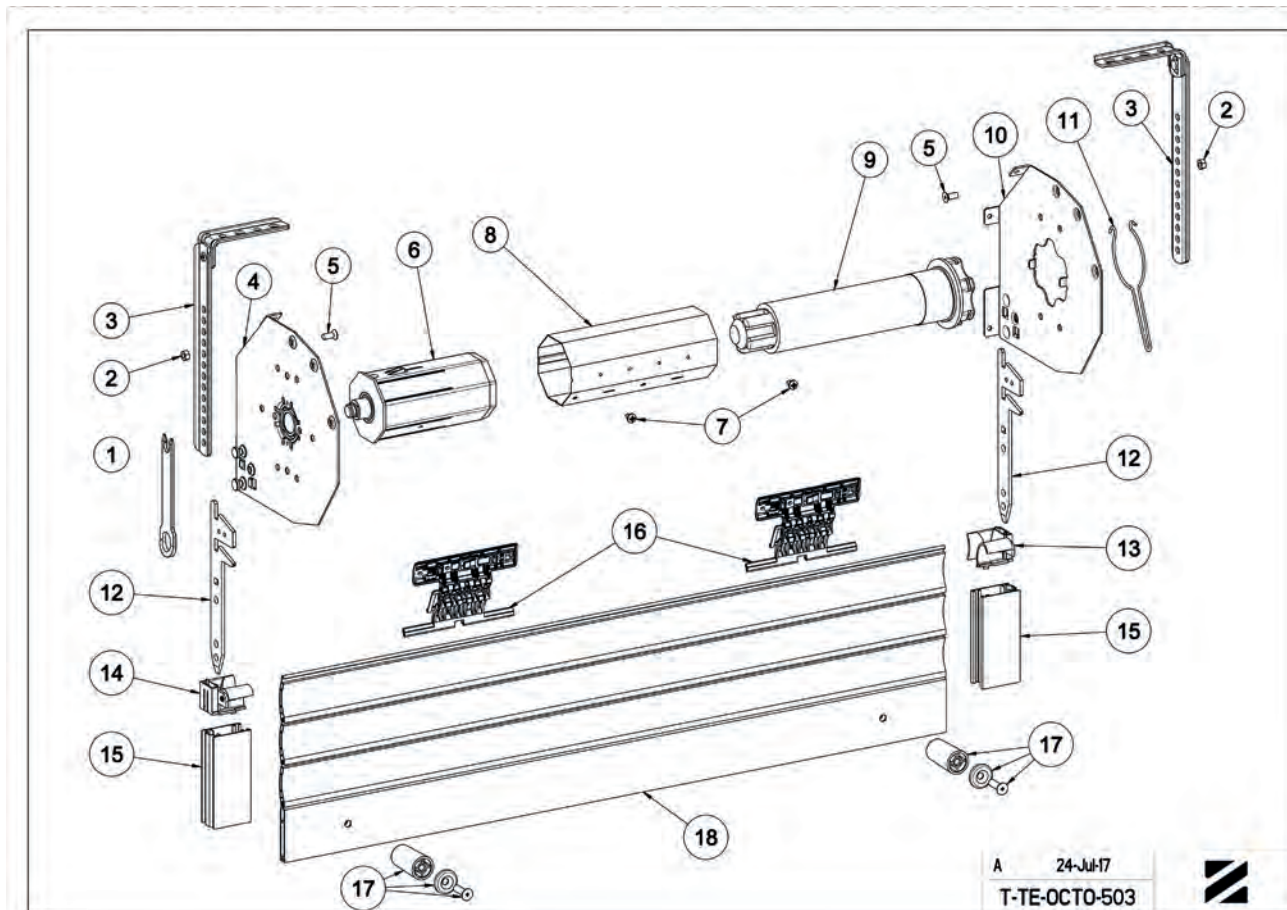
T-TE-503 - ASSEMBLY «TRADI EXPRESS» INNER WINDING - SOMFY MOTOR RIGHT SIDE - 0 MM DISTANCE FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	SIZE 180	SIZE 205	DESCRIPTION
1	1	A640A	A640A	A640A	BLOCKING BRACKET
2	2	4507	4507	4507	NUT M6
3	2	B205	B205	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	1	B723A	B731A	B739A	PLATE TRADI EXPRESS WITH BEARING RIGHT
5	2	4112	4112	4112	SCREW F Z M 6-12
6	1	A483T	A483T	A483T	RETRACTABLE CAP FOR 60 OCTAGONAL TUBE BEARING D. 18 SPINDLE D. 12
7	2	4209	4209	4209	SCREW CBL Z ST 4,2 - 9,5 C ZN8/A/FE
8	-	----	----	----	60 MM OCTAGONAL TUBE
9	1	..	..	..	MOTOR SOMFY LT50
10	1	B722H	B730H	B738H	PLATE TRADI EXPRESS FOR SOMFY MOTOR NO OFFSET
11	1	J546A6	J546A6	J546A6	RING FOR SOMFY MOTOR BRACKET
12	2	B732	B732	B732	FASTENING HOOK FOR INTERIOR WINDING
13	1	B734C6	B734C6	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	OR	OR	
13	1	B734C8	B734C8	B734C8	TRADI EXPRESS ENTRY GUIDE
14	1	B734C5	B734C5	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	OR	OR	
14	1	B734C7	B734C7	B734C7	TRADI EXPRESS ENTRY GUIDE
15	-	--	--	--	GUIDE RAILS
16	2 MINI	H894A			
OR	OR	OR	OR	OR	
16	2 MINI		H894B	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	OR	OR	
16	2 MINI	H894A+H872B			
OR	OR	OR	OR	OR	
16	2 MINI		H894B+H872B	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	OR	OR	
16	2 MINI	H890A			
OR	OR	OR	OR	OR	
16	2 MINI		H890C	H890C	OCTOCLICK 2 ELEMENTS + SPRING
17	2	H138	H138	H138	ROUND STOPPER WITH RING AND SCREW
18	-	-	-	-	SHUTTER

REMARK : FOR AN ASSEMBLY MOTOR LEFT, CHANGE PARTS MARK 4 AND 10

MARK 4 BECOMES : B729H OR B731H OR B739H OR B723H

MARK 10 BECOMES : B728A OR B730A OR B738A OR B722A





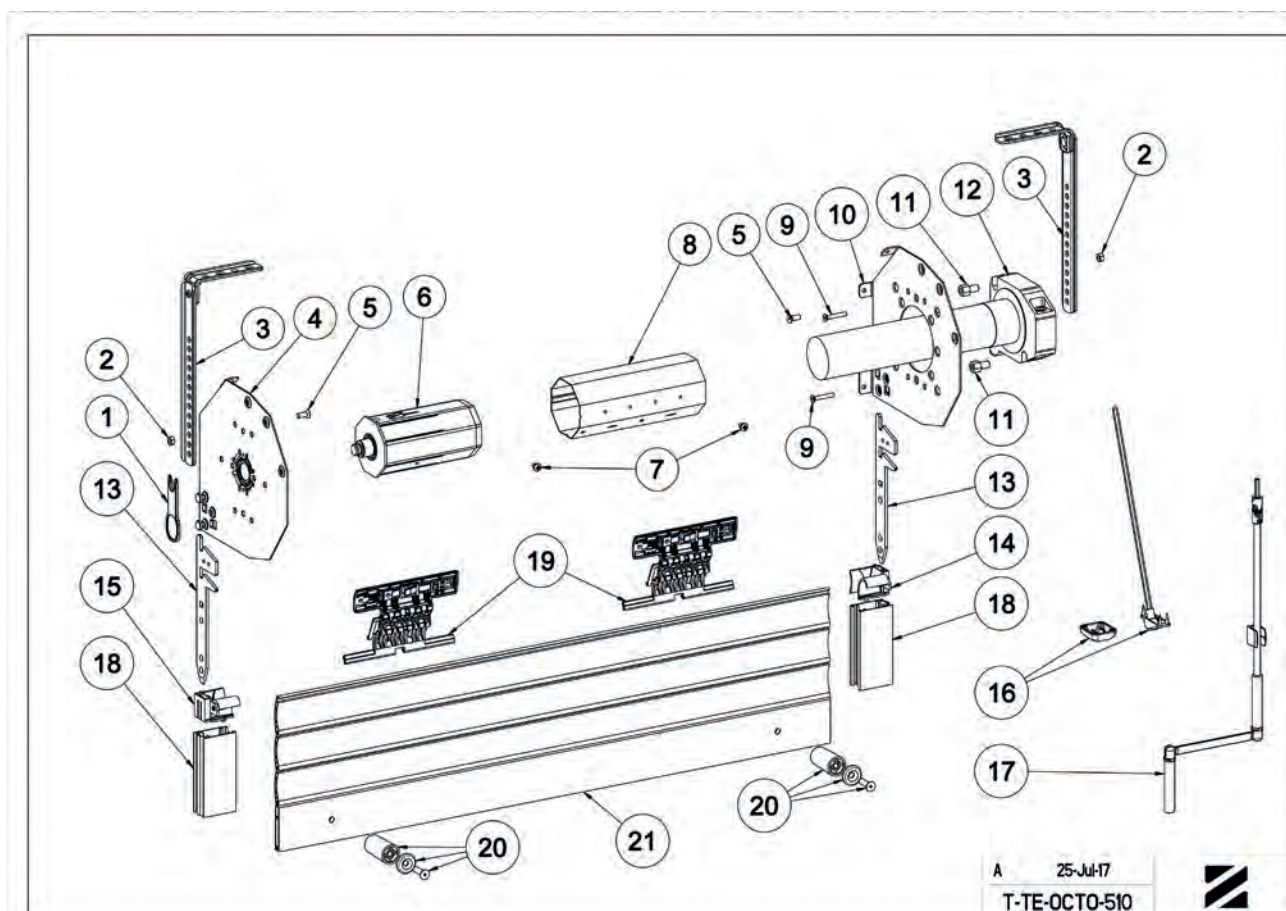
T-TE-510 - ASSEMBLY «TRADI EXPRESS» INNER WINDING - CSI MOTOR RIGHT FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	SIZE 180	SIZE 205	SIZE 225	DESCRIPTION
1	1	A640	A640	A640	A640	BLOCKING BRACKET
2	2	4507	4507	4507	4507	NUT M6
3	2	B205	B205	B205	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	1	B723A	B731A	B739A	B737A	PLATE TRADI EXPRESS WITH BEARING RIGHT
5	2	4112	4112	4112	4112	SCREW F Z M 6-12
6	1	A483T	A483T	A483T	A483T	RETRACTABLE CAP FOR 60 OCTAGONAL TUBE BEARING D. 18 SPINDLE D. 12
7	2	4209	4209	4209	4209	SCREW CBL Z ST 4.2 - 9.5 C ZN8/A/FE
8	-	----	----	----	----	60 MM OCTAGONAL TUBE
9+11	2	J546HA	J546HA	J546HA	J546HA	VERRIDE MOTOR FIXING SET
10	1	B722G	B730G	B738G	B736G	PLATE TRADI EXPRESS FOR MSI MOTOR
12	1					MOTOR CSI
13	2	B732	B732	B732	B732	FASTENING HOOK FOR INTERIOR WINDING
14	1	B734C6	B734C6	B734C6	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	OR	OR	OR	
14	1	B734C8	B734C8	B734C8	B734C8	TRADI EXPRESS ENTRY GUIDE
15	1	B734C5	B734C5	B734C5	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	OR	OR	OR	
15	1	B734C7	B734C7	B734C7	B734C7	TRADI EXPRESS ENTRY GUIDE
16	1	D108	D108	D108	D108	INTERNAL BOX JOINT Ø 6 HEXAGONAL 7 MM - L.350 MM WHITE
17	1	E590	E590	E590	E590	ASSEMBLED CRANK HANDLE FOR EMERGENCY OPERATION
18	-	--	--	--	--	GUIDE RAILS
19	2 MINI	H894A				
OR	OR	OR	OR	OR	OR	
19	2 MINI		H894B	H894B	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	OR	OR	OR	
19	2 MINI	H894A+H872B				
OR	OR	OR	OR	OR	OR	
19	2 MINI		H894B+H872B	H894B+H872B	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	OR	OR	OR	
19	2 MINI	H890A				
OR	OR	OR	OR	OR	OR	
19	2 MINI		H890C	H890C		OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	OR	OR	OR	
19	2 MINI				H890D	OCTOCLICK 2.5 ELEMENTS + SPRING
20	2	H138	H138	H138	H138	ROUND STOPPER WITH RING AND SCREW
21	-	-	-	-	-	SHUTTER

REMARK : FOR AN ASSEMBLY MOTOR LEFT, CHANGE PARTS MARK 4 AND 10

MARK 4 BECOMES : B729G OR B731G OR B739G OR B737G OR B723G

MARK 10 BECOMES : B728A OR B730A OR B738A OR B736A OR B722A

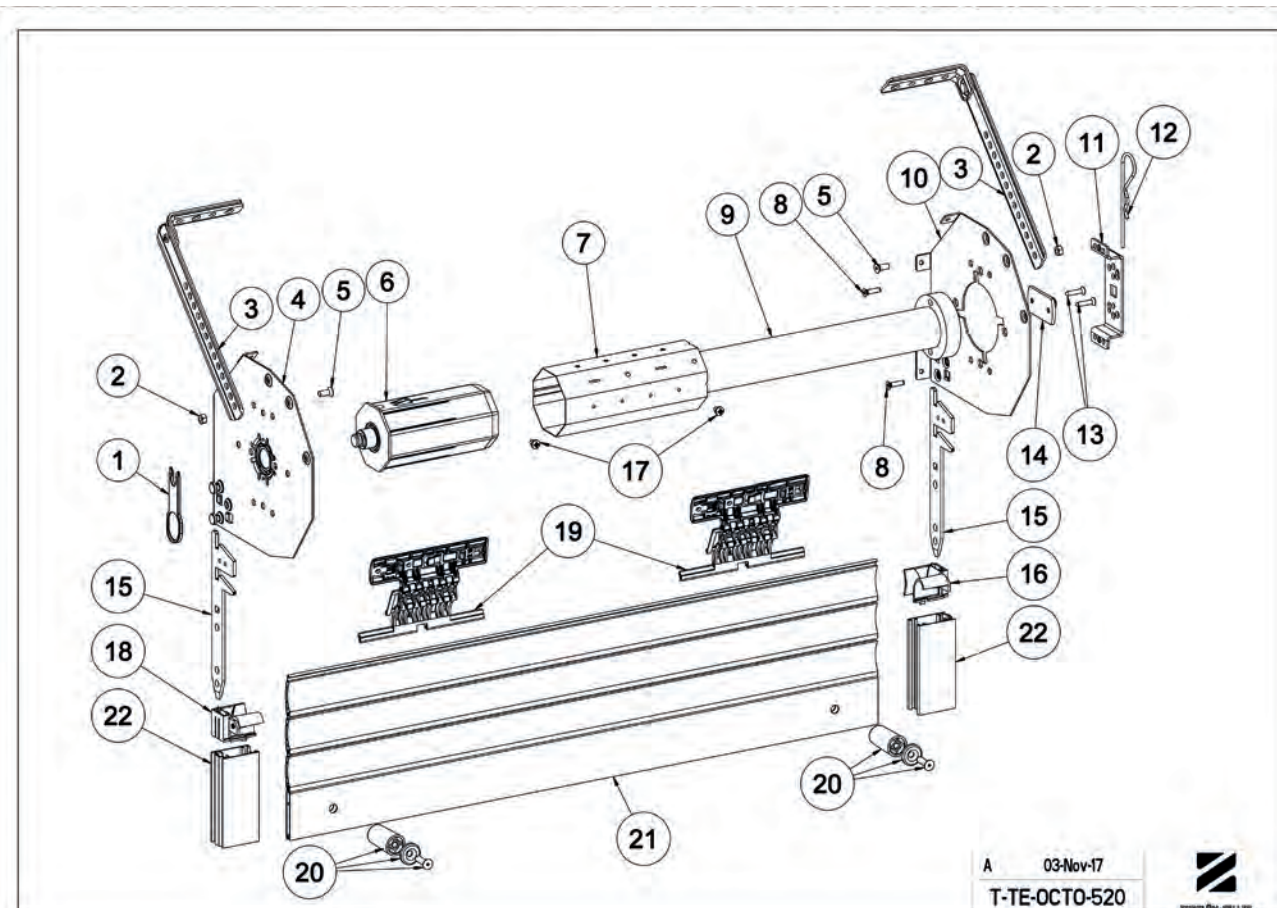




T-TE-520 - ASSEMBLY «TRADI EXPRESS» INNER WINDING - UNIVERSAL MOTOR RIGHT FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	SIZE 180	SIZE 205	SIZE 225	DESCRIPTION
1	1	A640	A640	A640	A640	BLOCKING BRACKET
2	2	4507	4507	4507	4507	NUT M6
3	2	B205	B205	B205	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	1	B723A	B731A	B739A	B737A	PLATE TRADI EXPRESS WITH BEARING RIGHT
5	2	4112	4112	4112	4112	SCREW F Z M 6-12
6	1	A483T	A483T	A483T	A483T	RETRACTABLE CAP FOR 60 OCTAGONAL TUBE BEARING D. 18
7	-	----	----	----	----	SPINDLE D. 12
8	2	4247	4247	4247	4247	60 MM OCTAGONAL TUBE
9	1	....	....	....	....	SCREW F M4 X 12 ZN8A/FE
10	1	B722B	B730B	B738B	B736B	UNIVERSAL MOTOR
11	1	B296A2	B296A2	B296A2	B296A2	PLATE TRADI EXPRESS 165 BORE 65 LEFT
12	1	4643	4643	4643	4643	MOTOR BRACKET
13+14	1	□□	□□	□□	□□	BETA SPLINT D 2,5
15	2	B732	B732	B732	B732	MOTOR BRACKET
16	1	B734C6	B734C6	B734C6	B734C6	FASTENING HOOK FOR INTERIOR WINDING
OR	OR	OR	OR	OR	OR	TRADI EXPRESS ENTRY GUIDE
16	1	B734C8	B734C8	B734C8	B734C8	TRADI EXPRESS ENTRY GUIDE
17	2	4209	4209	4209	4209	SCREW CBL Z ST 4.2 - 9,5 C ZN8A/FE
18	1	B734C5	B734C5	B734C5	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	OR	OR	OR	
18	1	B734C7	B734C7	B734C7	B734C7	TRADI EXPRESS ENTRY GUIDE
19	2 MINI	H894A	OR	OR	OR	
OR	OR	OR	OR	OR	OR	
19	2 MINI	H894B	H894B	H894B	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	OR	OR	OR	
19	2 MINI	H894A+H872B	OR	OR	OR	
OR	OR	OR	OR	OR	OR	
19	2 MINI	H894B+H872B	H894B+H872B	H894B+H872B	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	OR	OR	OR	
19	2 MINI	H890A	OR	OR	OR	
OR	OR	OR	OR	OR	OR	
19	2 MINI	H890C	H890C	H890C	H890C	OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	OR	OR	OR	
19	2 MINI	H890D	OR	OR	OR	
20	2	H138	H138	H138	H138	OCTOCLICK 2.5 ELEMENTS + SPRING
21	-	-	-	-	-	ROUND STOPPER WITH RING AND SCREW
22	-	-	-	-	-	SHUTTER GUIDE RAILS

REMARK : FOR AN ASSEMBLY MOTOR LEFT, CHANGE PARTS MARK 4 AND 10
 MARK 4 BECOMES : B729B OR B731B OR B739B OR B737B OR B723B
 MARK 10 BECOMES : B728A OR B730A OR B738A OR B736A OR B722A
 PARTS MARK 8 AND 11 CAN BE DELIVERED TOGETHER IN A BAG REF. B296





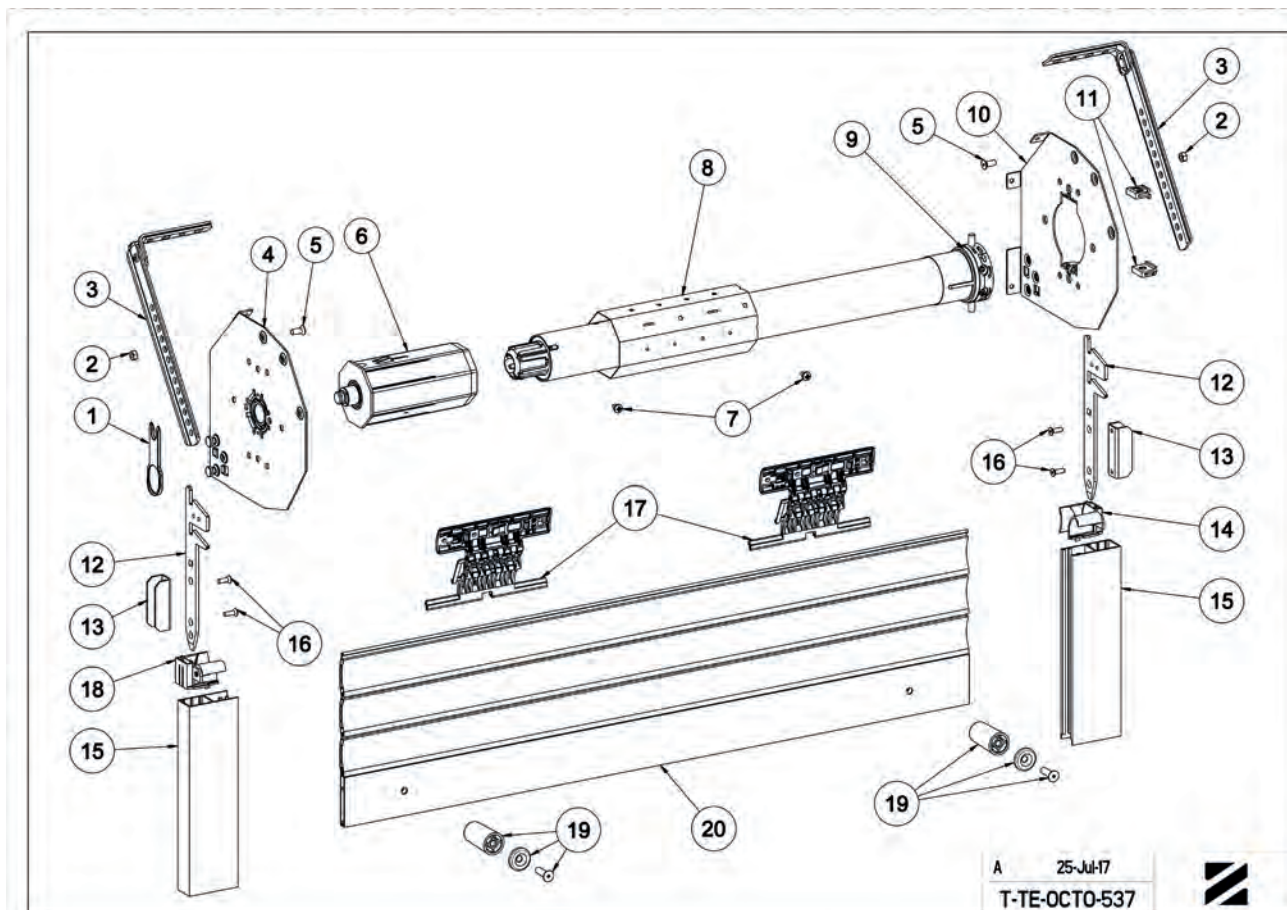
T-TE-537 - ASSEMBLY «TRADI EXPRESS» INNER WINDING - SIMU MOTOR RIGHT SIDE - GUIDE RAIL FOR BUILT-ON BOX FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	SIZE 180	SIZE 205	SIZE 225	DESCRIPTION
1	1	A640	A640	A640	A640	BLOCKING BRACKET
2	2	4507	4507	4507	4507	NUT M6
3	2	B205	B205	B205	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	1	B723A	B731A	B739A	B737A	PLATE TRADI EXPRESS WITH BEARING RIGHT
5	2	4112	4112	4112	4112	SCREW F Z M 6-12
6	1	A483T	A483T	A483T	A483T	RETRACTABLE CAP FOR 60 OCTAGONAL TUBE BEARING D. 18 SPINDLE D. 12
7	2	4205	4205	4205	4205	SCREW CBL Z ST 4,2 - 13 G ZN8/A/FE X 200
8	-	----	----	----	----	60 MM OCTAGONAL TUBE
9	2	-	-	-	-	SIMU MOTOR
10	1	B722D	B730D	B738D	B736D	PLATE TRADI EXPRESS LEFT FOR SIMU MOTOR
11	1	-	-	-	-	SIMU CLIP
12	2	B732	B732	B732	B732	FASTENING HOOK FOR INTERIOR WINDING
13	2	B734	B734	B734	B734	ADDITIONNAL SUPPORT TRADI EXPRESS / GUIDE 22 X 53
14	1	B734C1	B734C1	B734C1	B734C1	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	OR	OR	OR	
14	1	B734C3	B734C3	B734C3	B734C3	TRADI EXPRESS ENTRY GUIDE
15	-	--	--	--	--	GUIDE RAILS
16	4	4247	4247	4247	4247	SCREW F M4 X 12 ZN8/A/FE
17	2 MINI	H894A				
OR	OR	OR	OR	OR	OR	
17	2 MINI		H894B	H894B	H894B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	OR	OR	OR	
17	2 MINI	H894A+H872B				
OR	OR	OR	OR	OR	OR	
17	2 MINI		H894B+H872B	H894B+H872B	H894B+H872B	OCTOEASY SECURITY LOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	OR	OR	OR	
17	2 MINI	H890A				
OR	OR	OR	OR	OR	OR	
17	2 MINI		H890C	H890C		OCTOCLICK 2 ELEMENTS + SPRING
OR	OR	OR	OR	OR	OR	
17	2 MINI				H890D	OCTOCLICK 2.5 ELEMENTS + SPRING
18	1	B734C2	B734C2	B734C2	B734C2	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	OR	OR	OR	
18	1	B734C4	B734C4	B734C4	B734C4	TRADI EXPRESS ENTRY GUIDE
20	2	H138	H138	H138	H138	ROUND STOPPER WITH RING AND SCREW
21	-	-	-	-	-	SHUTTER

REMARK : FOR AN ASSEMBLY MOTOR LEFT, CHANGE PARTS MARK 4 AND 10

MARK 4 BECOMES : B729D OR B731D OR B739D OR B737D OR B723D

MARK 10 BECOMES : B728A OR B730A OR B738A OR B736A OR B722A

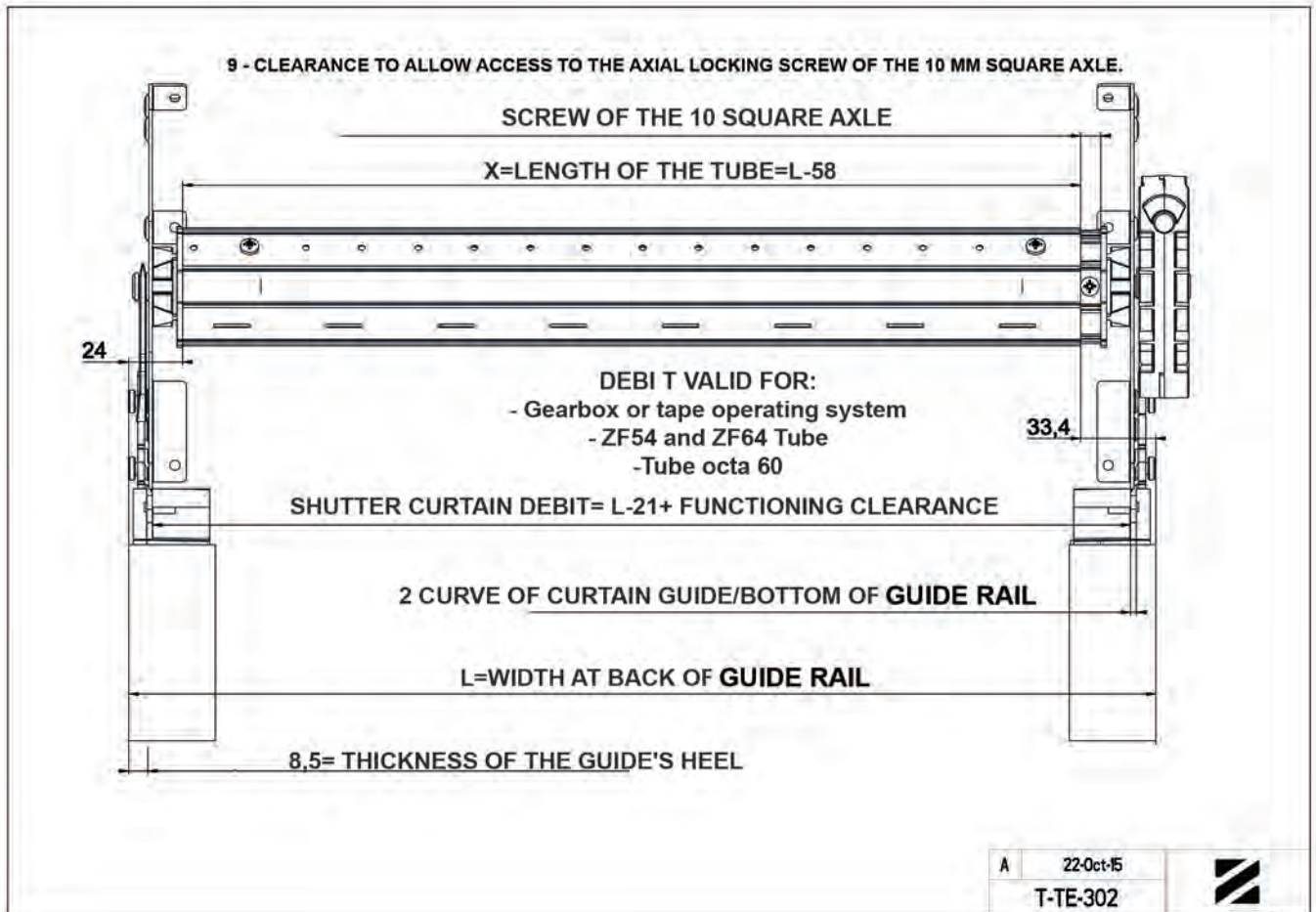


A 25-Jul-17
T-TE-OCTO-537

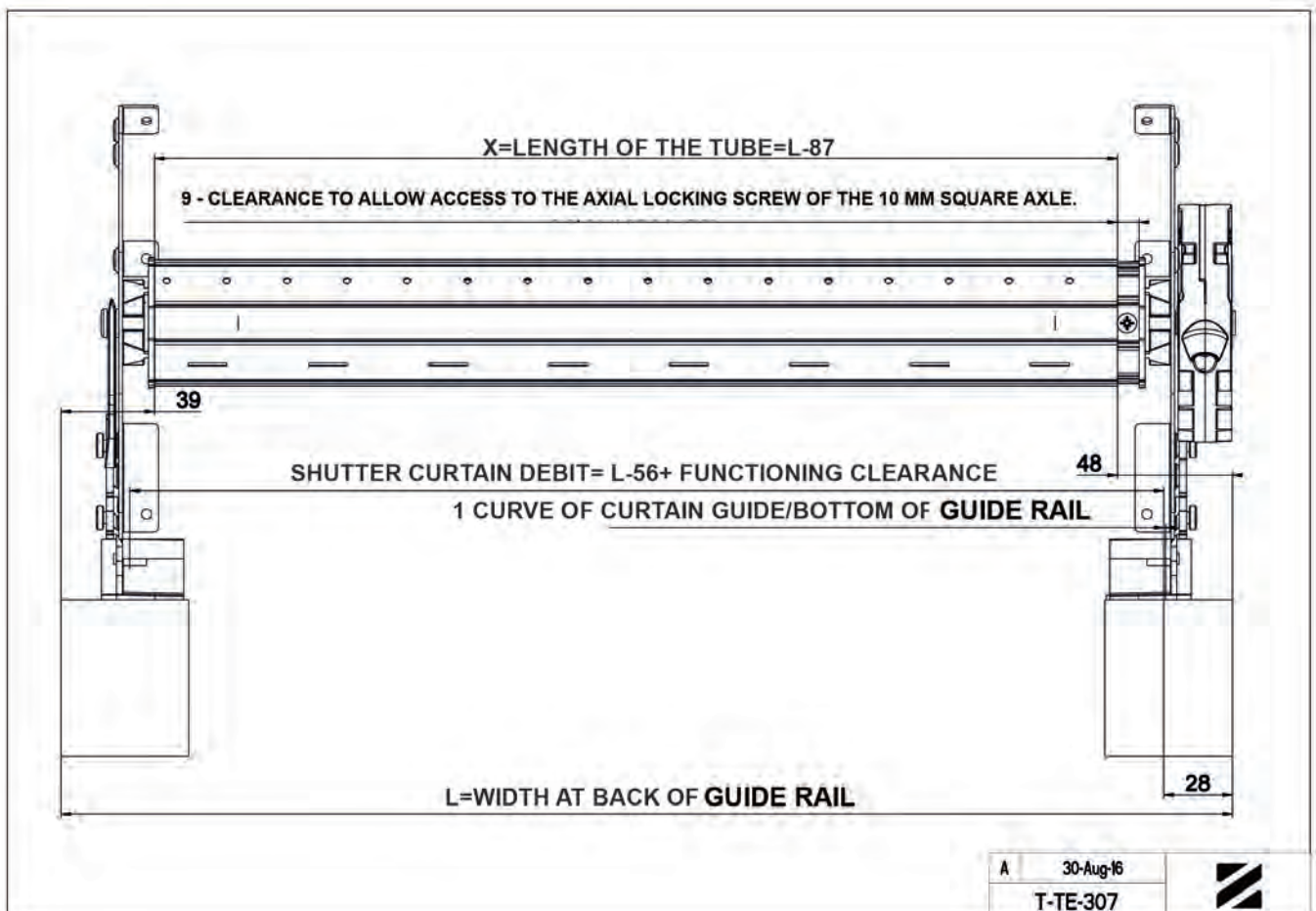




T-TE-302 - CUTTING CHART

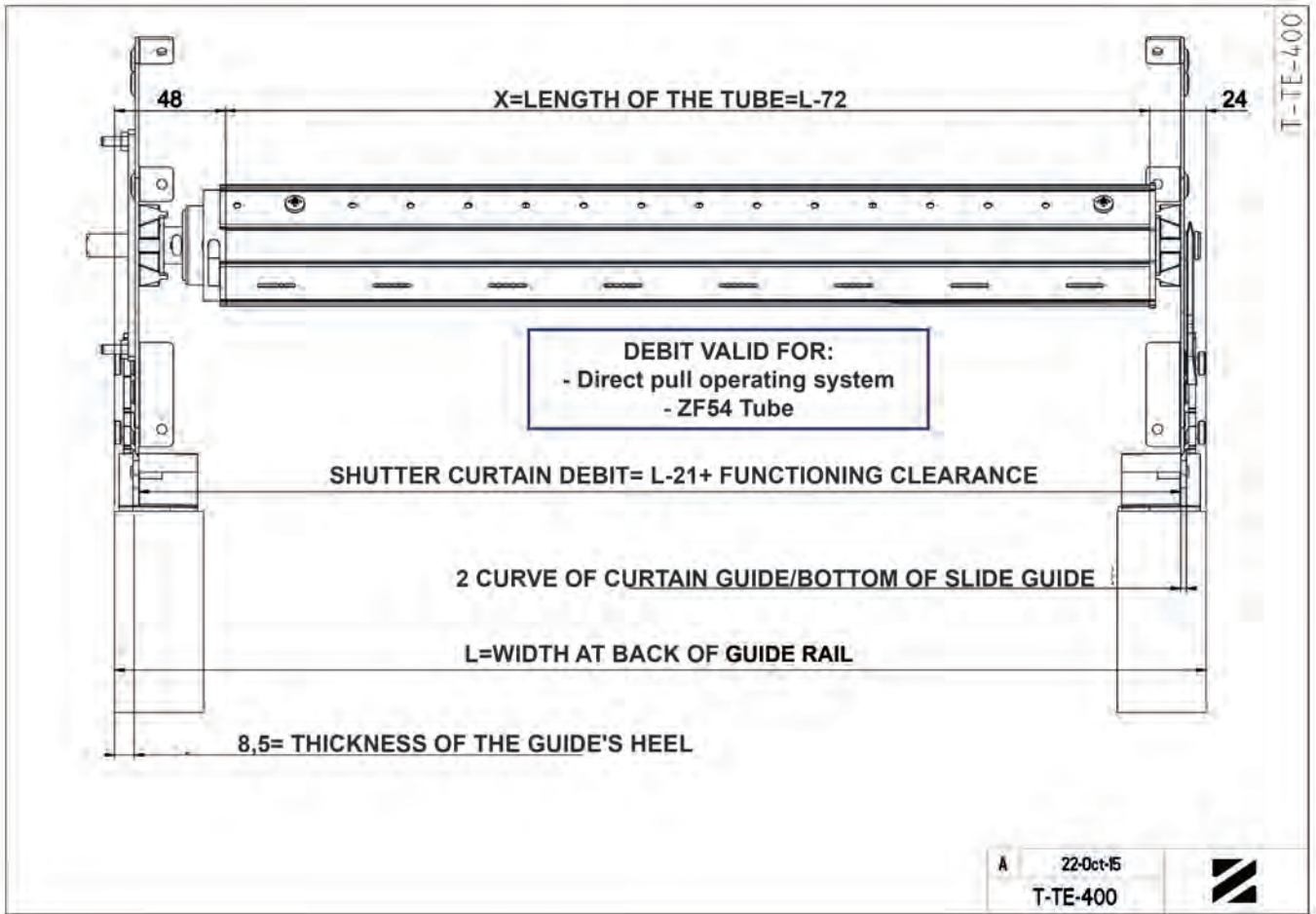


T-TE-307 - CUTTING CHART

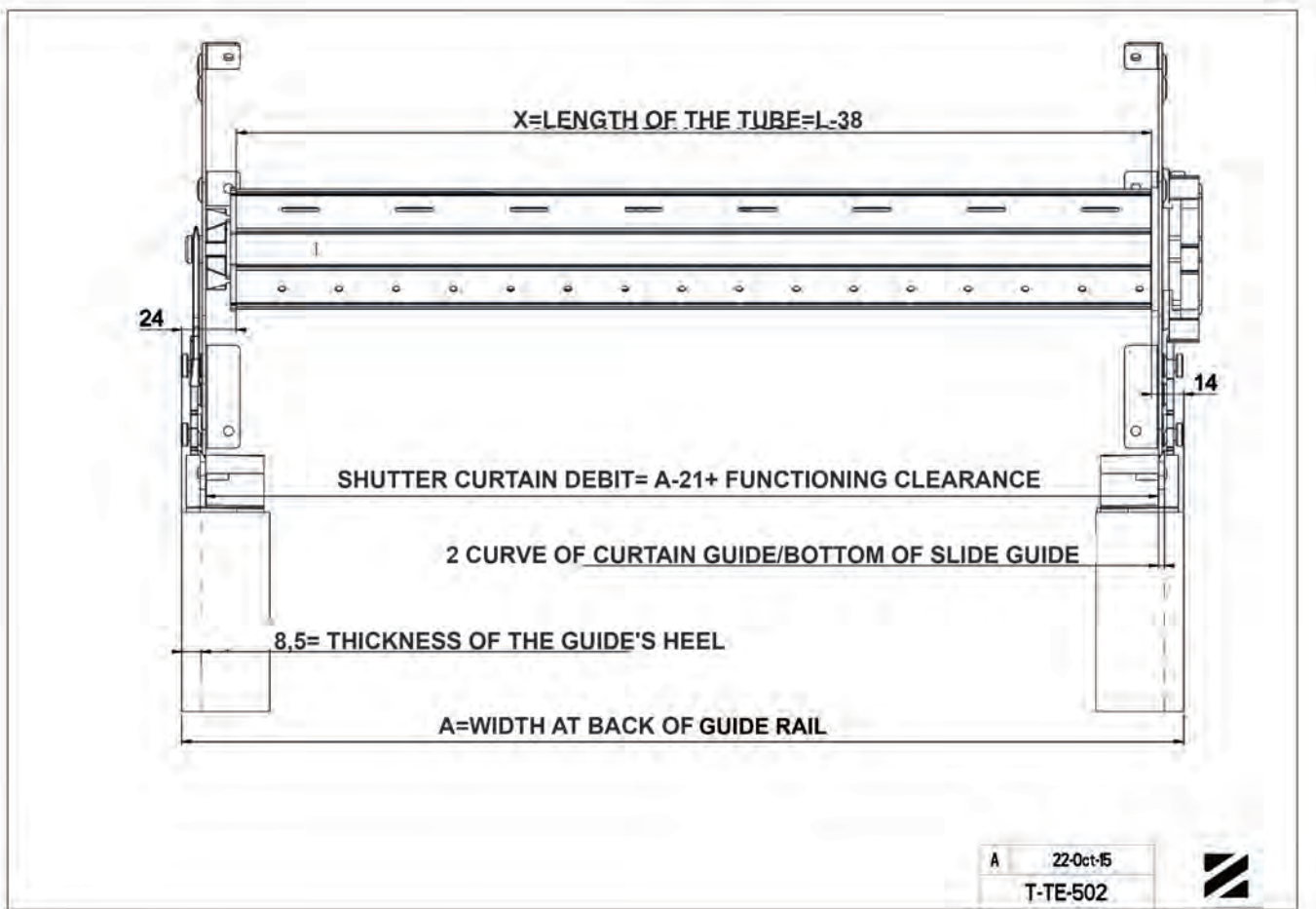




T-TE-400 - CUTTING CHART

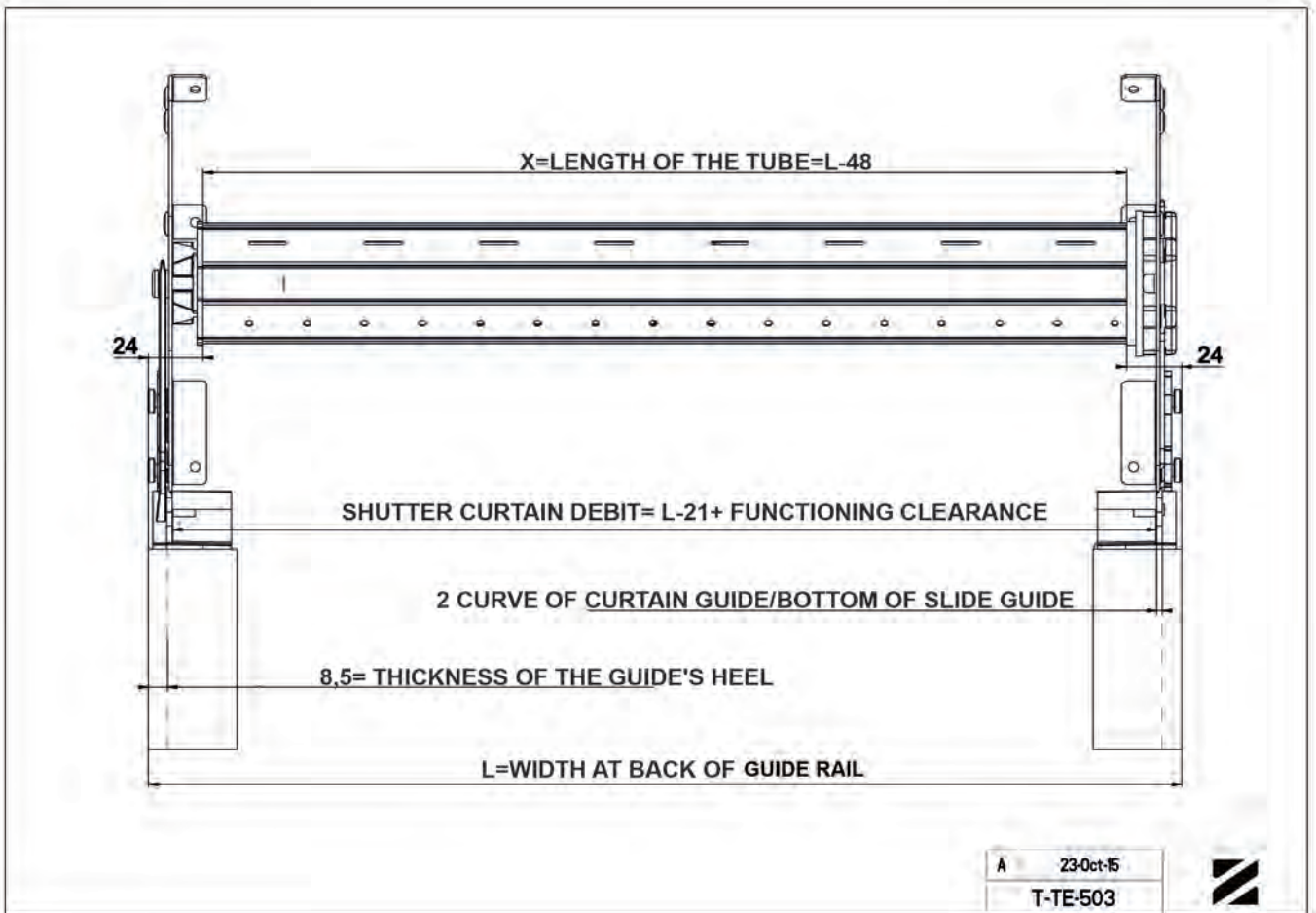


T-TE-502 - CUTTING CHART

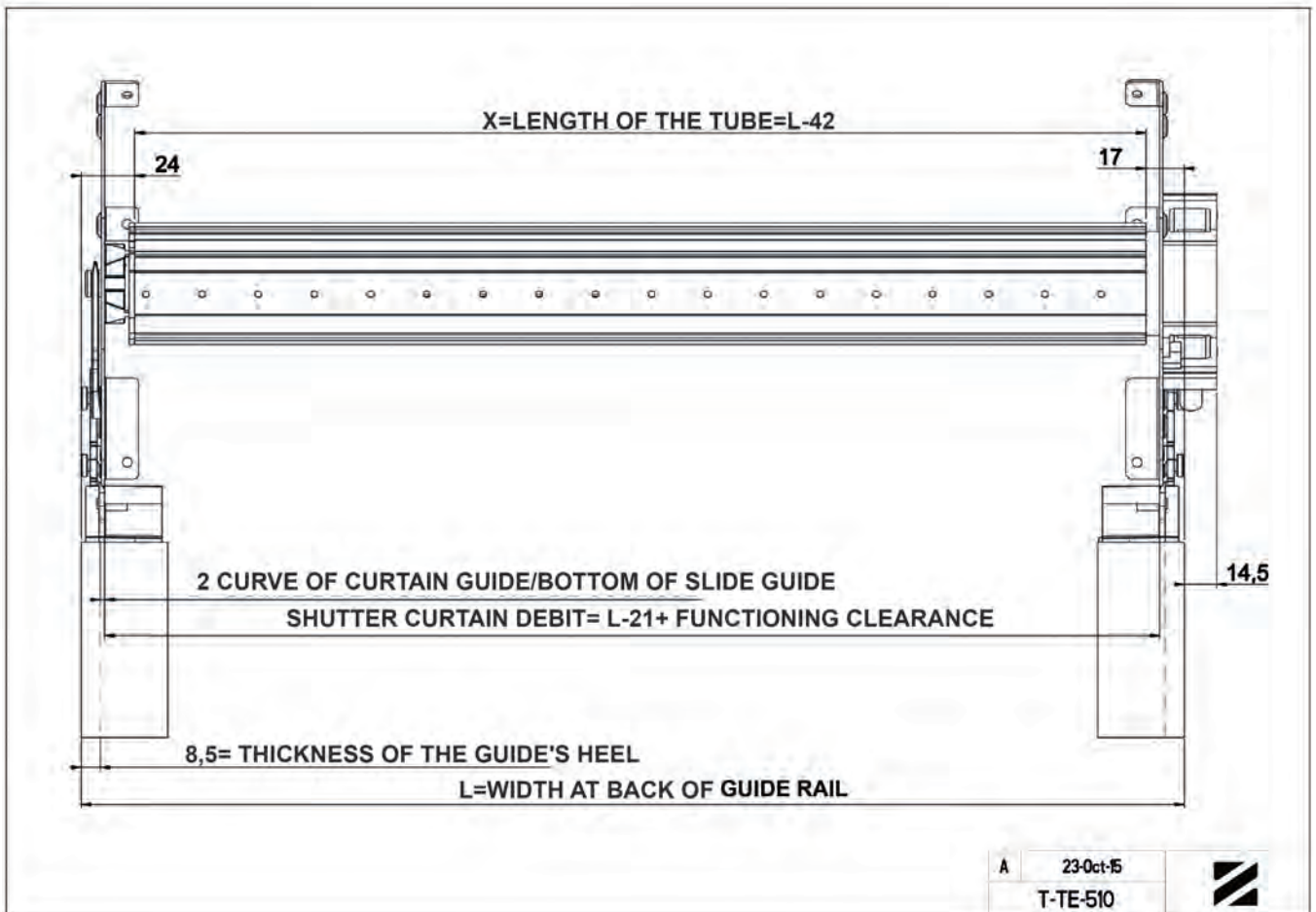




T-TE-503 - CUTTING CHART

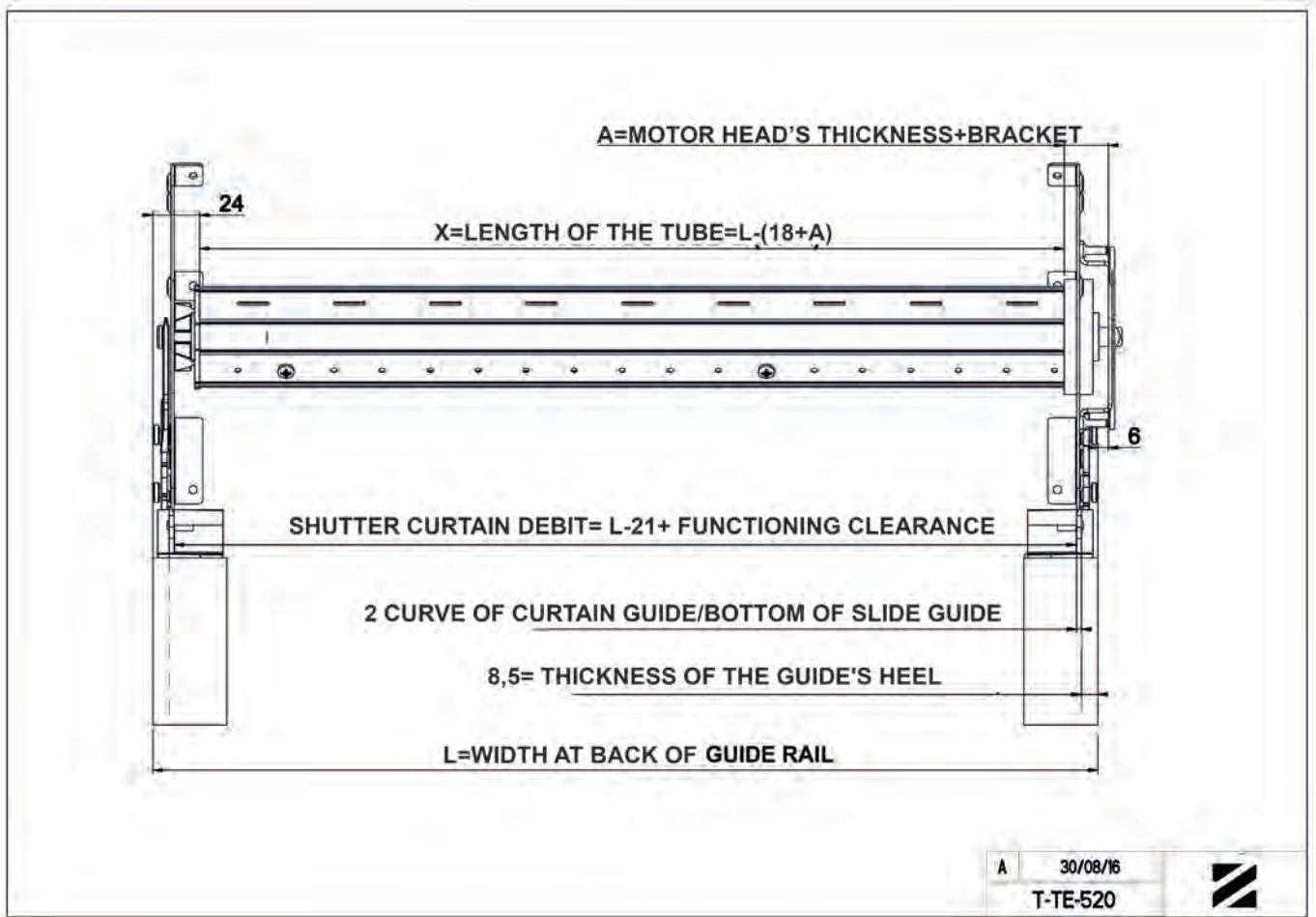


T-TE-510 - CUTTING CHART

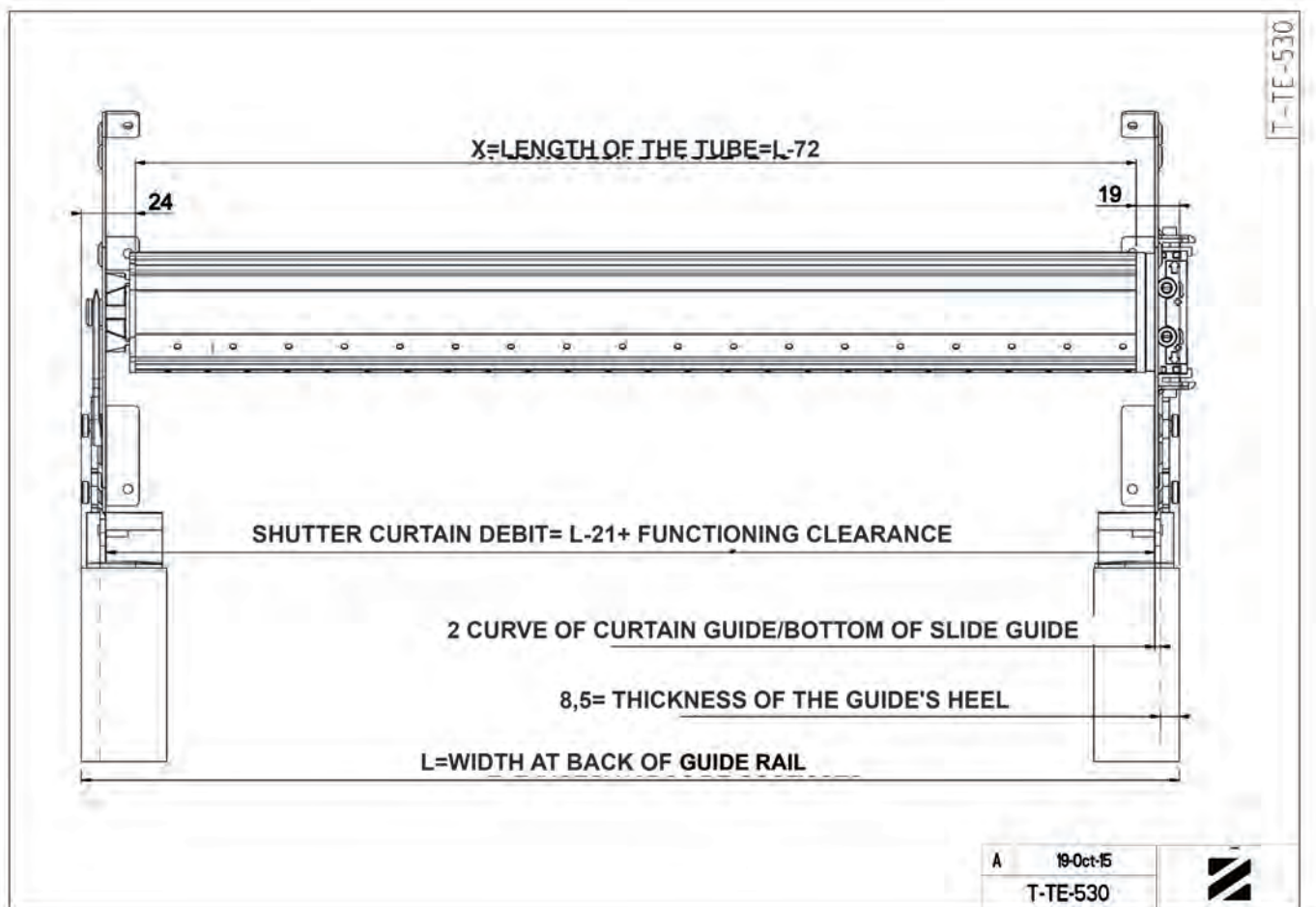




T-TE-520 - CUTTING CHART

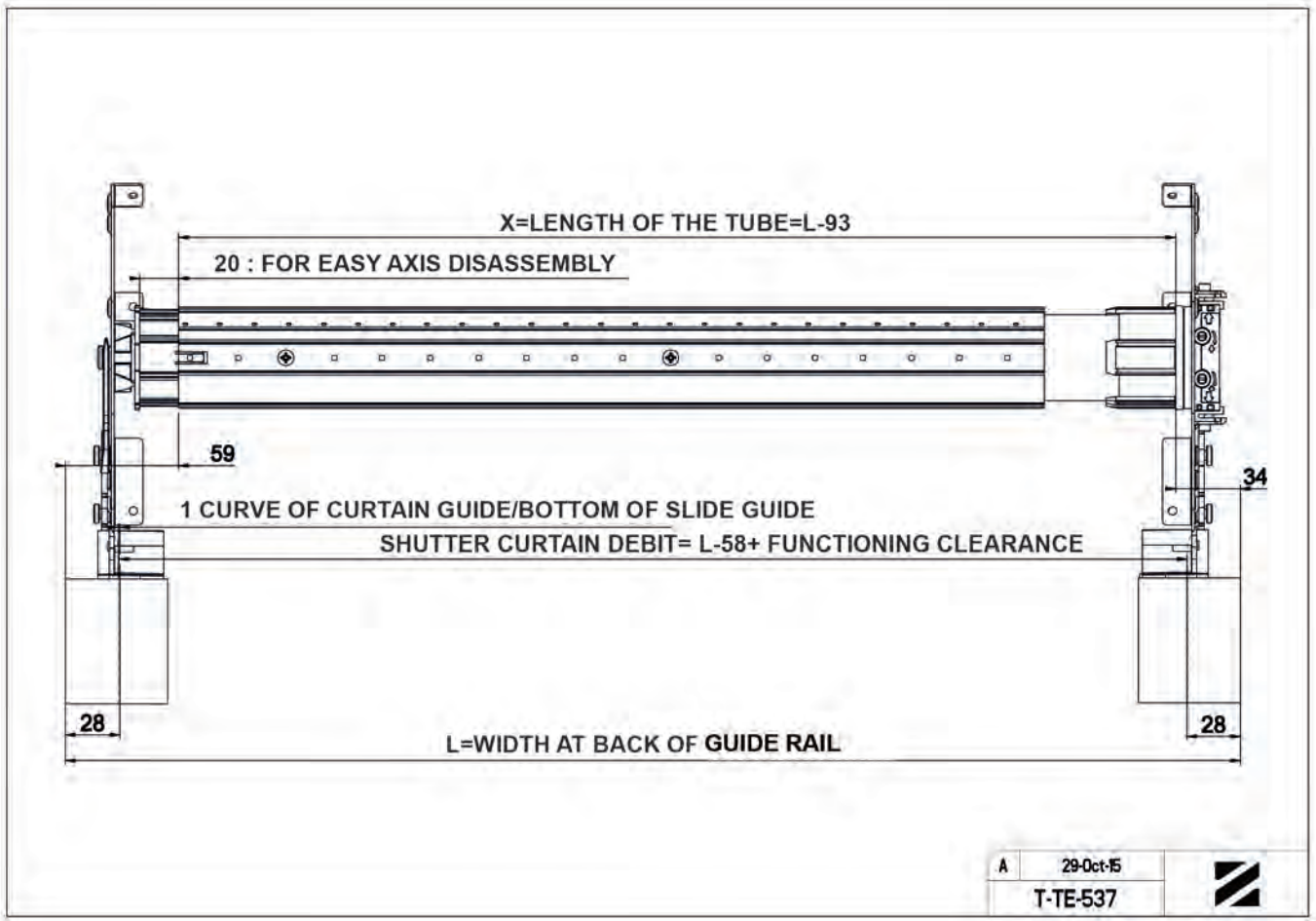


T-TE-530 - CUTTING CHART



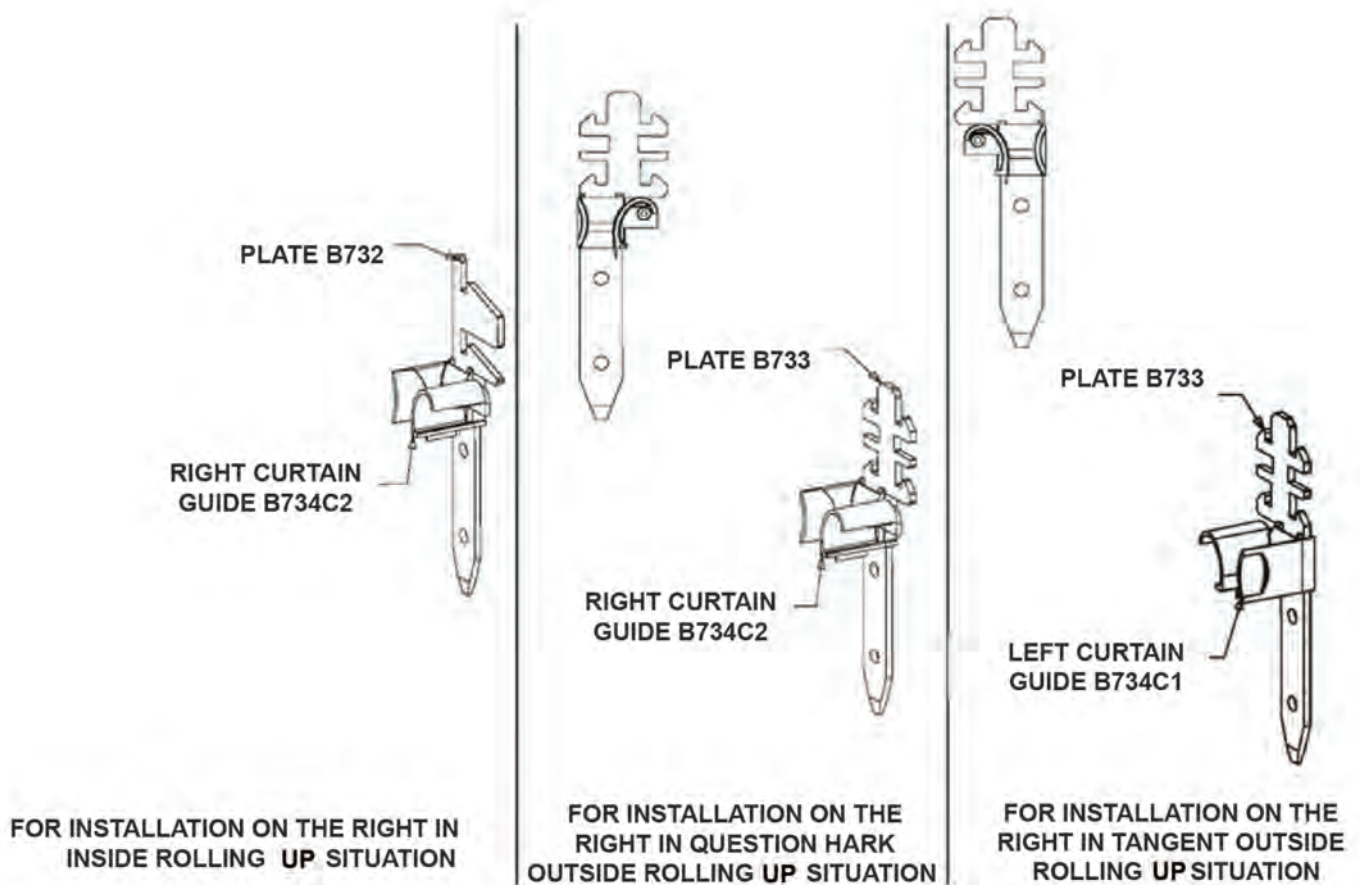


T-TE-537 - CUTTING CHART

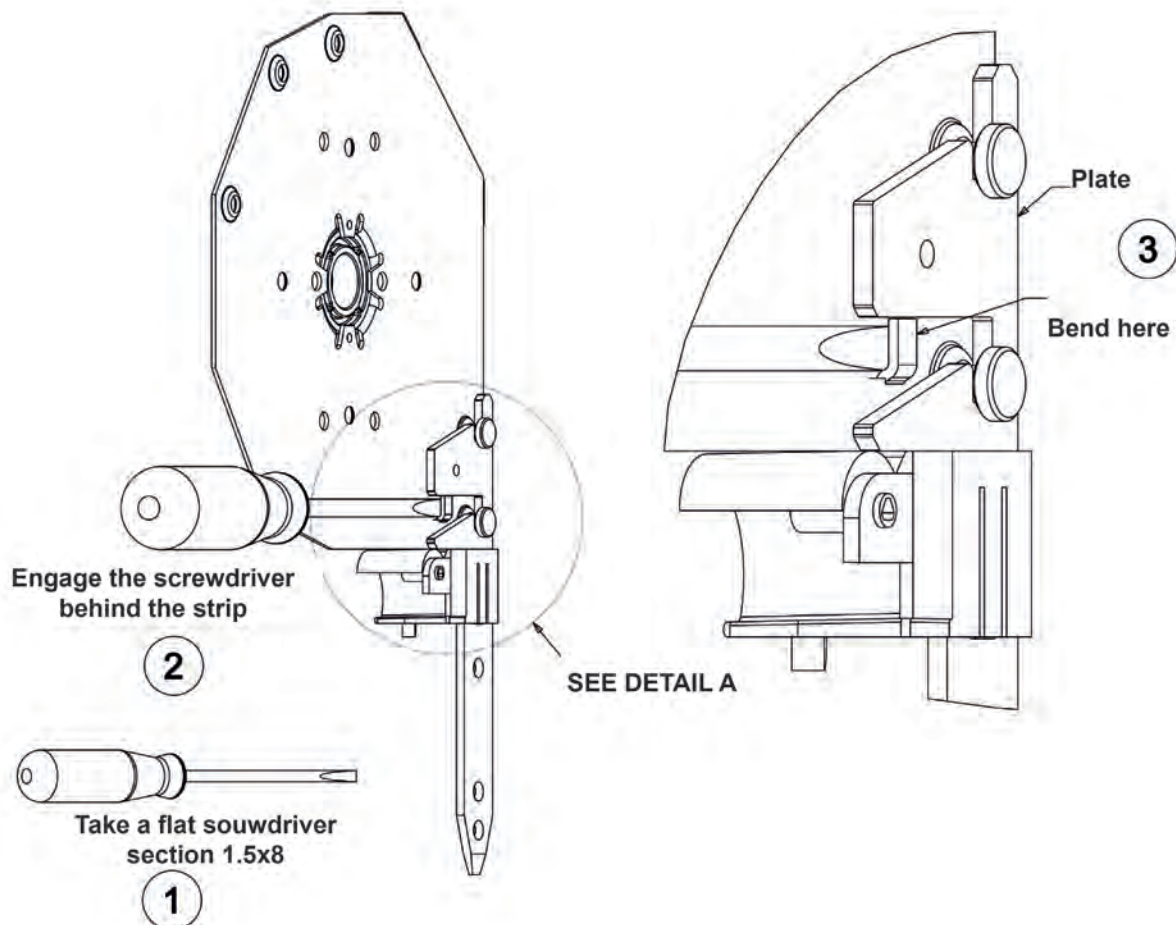




MOUNTING SYSTEM FOR ENTRY GUIDE AND PLATE DEPENDING ON ROLLING UP TYPE

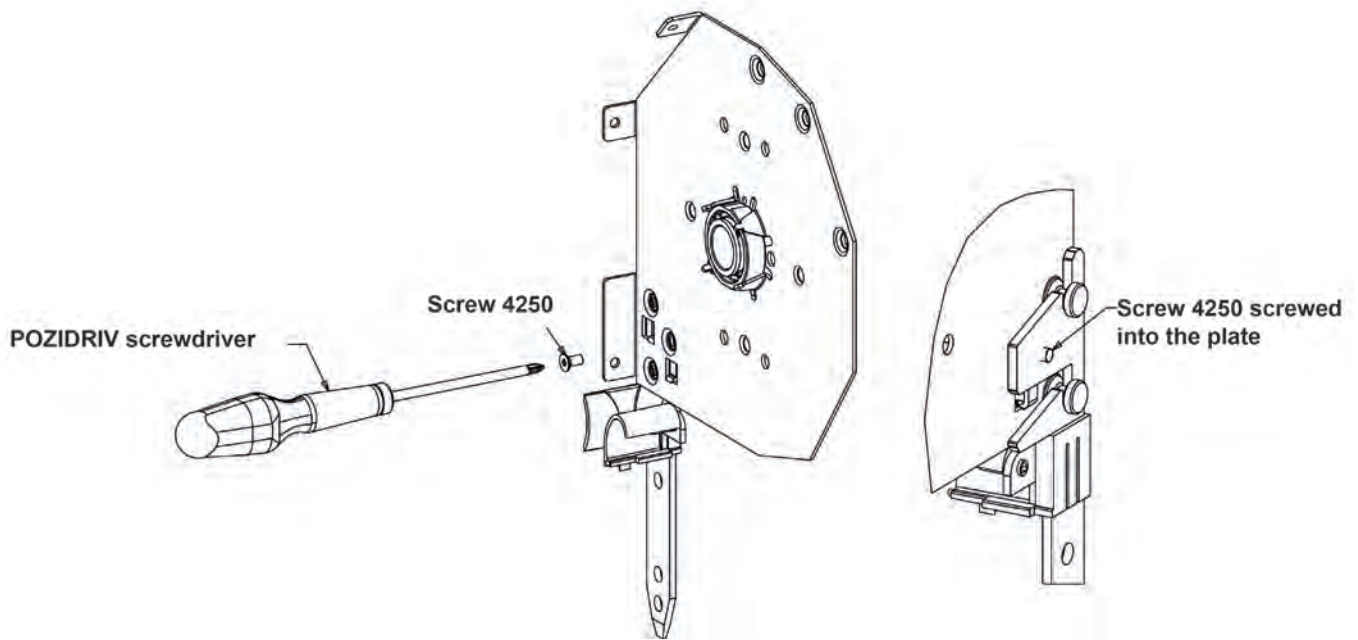


LOCKING OF FIXED GUIDE FLANGE / PLATE BY LUG





⚙️ MOUNTING TRADI EXPRESS : LOCKING OF FIXED GUIDE FLANGE / PLATE BY SCREWING ⚙️

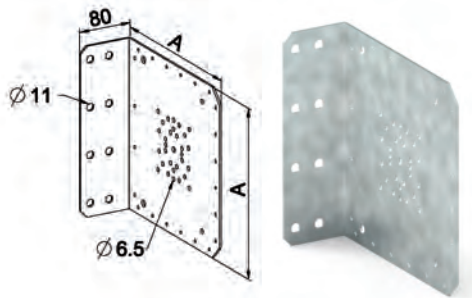
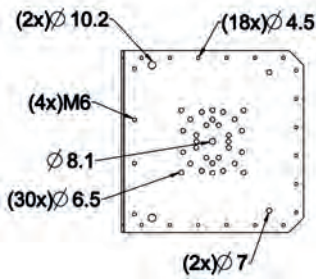




BRACKET

HEAVY ROLLER BRACKET

B110A



Features

Galvanized steel thickness 3 mm.

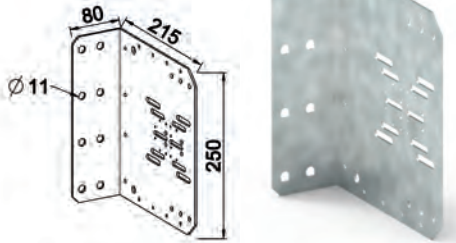
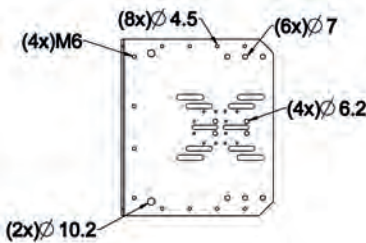
Use

Allows the assembly of T5 series motors - T6

REF.	DIM A	PACK.
B110A	250	6
B110B	300	6

HEAVY ROLLER BRACKET

B110AA



Features

Galvanized steel thickness 3 mm.

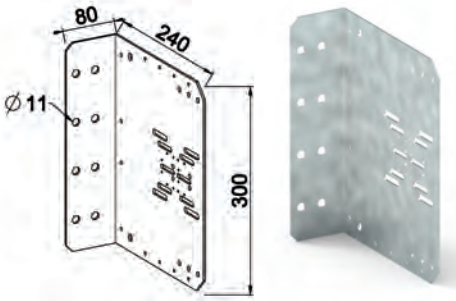
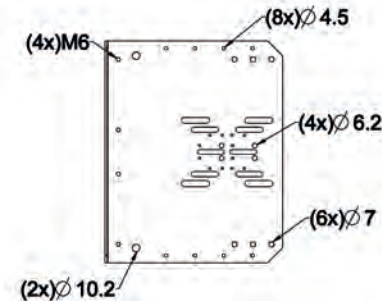
Use

Allows the mounting of T5 - T6 series motors.

REF.	PACK.
B110AA	6

HEAVY ROLLER BRACKET

B110BA



Features

Galvanized steel thickness 3 mm.

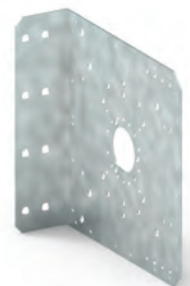
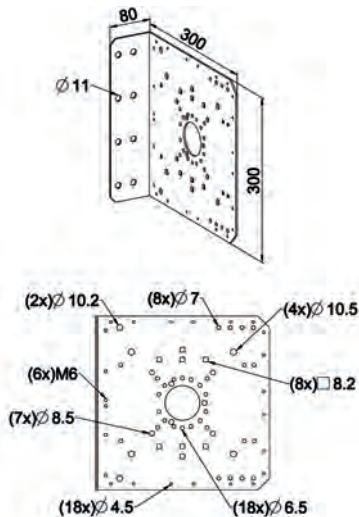
Use

Allows the assembly of T5 - T6 series motors.

REF.	PACK.
B110BA	4

HEAVY ROLLER BRACKET

B110BB



Features

Galvanized steel thickness 3 mm.

Use

Allows mounting of rolling bearing Ref. M130.
Allows mounting of T5 - T6 - T8 series motors.

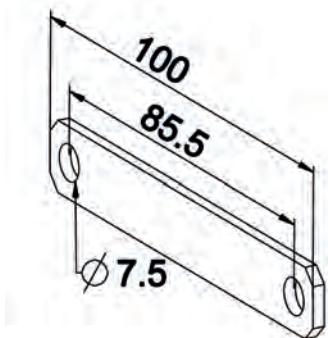
REF.	PACK.
B110BB	4



BRACKET

SPACER

B110C



Features

Galvanized steel thickness 2.5 mm.

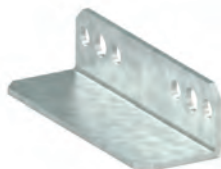
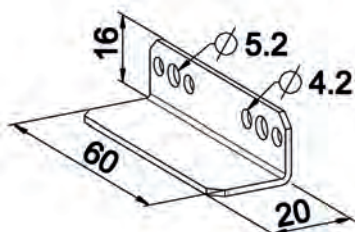
Use

Used as a wedge for fixing gearboxes.

REF.	PACK.
B110C	300

BRACKET

B110B3



Features

Galvanized steel thickness 1.5 mm.

Use

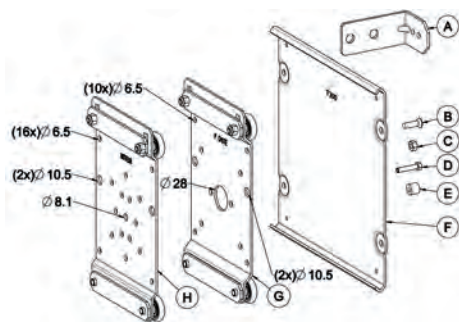
To be used with plates to allow mounting of a casing box.

Self-tapping M5 screw connectionref. 4259 or pop rivet Ø4.

REF.	PACK.
B110B3	50

ROLLING PLATE KIT

L444JA



Features

Set of metal parts made of galvanized steel

A set include :

- REP H : 1 motor bracket
- REP G
- REP F : 2 slides
- REP A : 2 reinforcement brackets
- REPB : 8 screws M6 x 20
- REP C : 8 nuts M6
- REP D : 4 screws M5 x 14
- REP E : 8 rubber damping pads Ø 12

Use

Only use for B110BB.

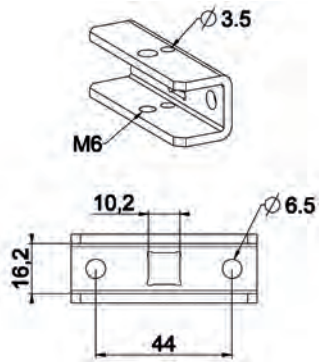
NEW

REF.	BOX SIZE	MOTOR	PACK.
L444JA	300	Somfy	2
L444JB	300	Cherubini	2
L444JC *NEW*	300	Somfy	2
L444JD *NEW*	300	Cherubini	2
L445JA	360	Somfy	2
L445JB	360	Cherubini	2



U-SHAPED BRACKET

B100G



Features

Galvanized steel thickness 3 mm.

Use

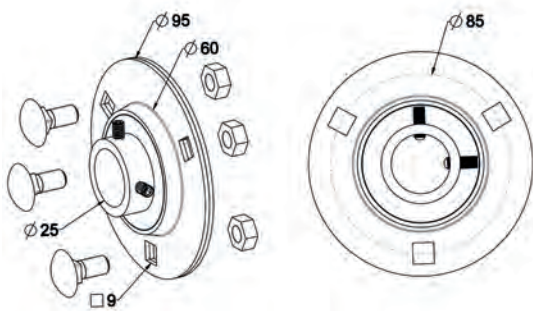
Allows installation of square 10 or square pin crank motors of 16 and Ø16 dummy ends.

Delivered in a bag with a TH M6 x 25 class 8-8 screw. C Weight capacity per bracket : 75 kg.

REF.	TYPE	PACK.
B100G	Without screw.	100
B100GA	With screw.	100

BEARING Ø25 + SCREW

M130



Features

Plate : galvanized steel

Bearing: high resistance treated steel.

Use

Supplied in an individual bag with 3 M8 x 20 screws and 3 nuts. Max weight : 150 kg.

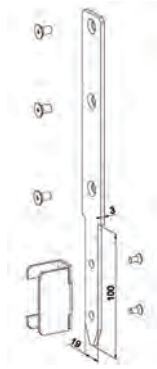
REF.	PACK.
M130	30



SLIDING KIT FOR GUIDE RAIL

GUIDE RAIL KIT

B110D



Features

Galvanized steel

Use

Provides the connection between BRACKET plate and guide rail.

Delivered in individual bag:

- 2 tabs (B110B1) 19x3
- 2 wedges (B110B2) 19x29
- 6 screws TF M6 x 10 (plate fixation)
- 4 screws TF M4 x 8 (fixing wedge).

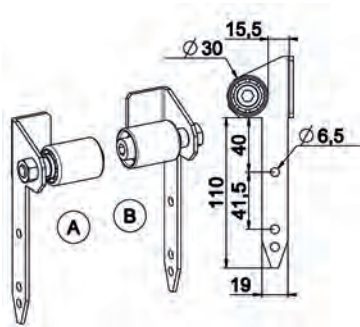
REF.	PACK.
B110D	20

TRADI BUILT-IN BOX > COMPONENTS FOR BUILT-IN BOX HEAVY SHUTTERS >

RIGHT ROLLER BRACKET

ROLLER BRACKET

H375A



Features

Bracket: galvanized steel thickness 3 mm.

Bracket: PA natural.

Bearing: brass.

Screw + washer + nut: galvanized steel section M10.

Use

Ensures the guiding

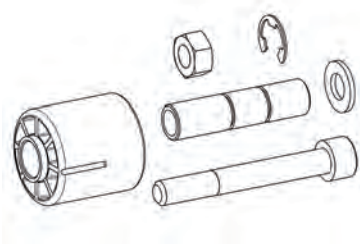
REF.	PACK.
H375A	30
H375B	30

TRADI BUILT-IN BOX > COMPONENTS FOR BUILT-IN BOX HEAVY SHUTTERS >

GUIDING KIT

GUIDING KIT

L430BA



Features

Roller: PA natural.

Bearing: brass.

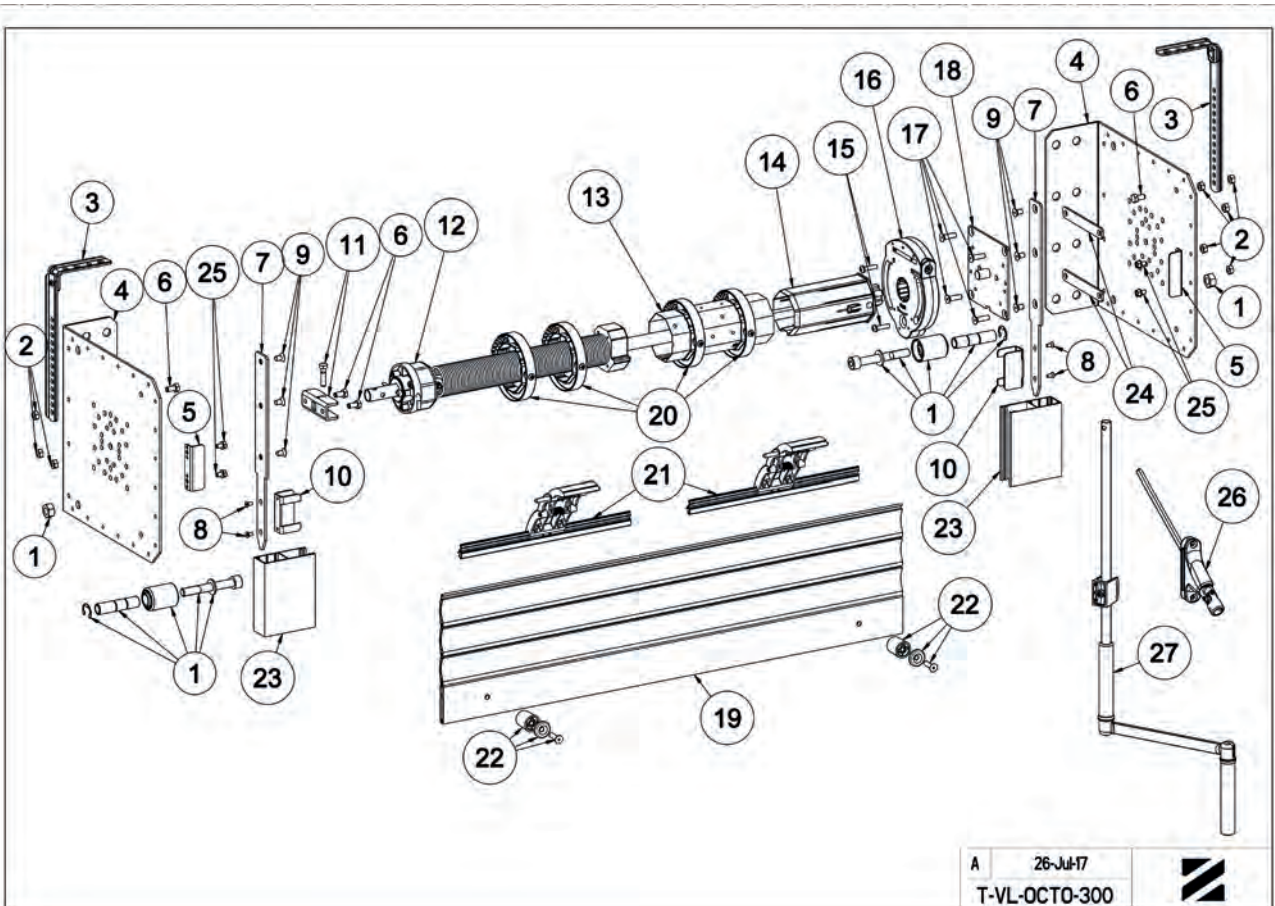
Galvanized steel screws

REF.	PACK.
L430BA	20



T-VL-300 - ASSEMBLY TRADI HEAVY SHUTTER - 25KG GEARBOX WITH SPRING FOR 60 MM OCTAGONAL TUBE - GUIDE RAIL 28 X 75 FOR BUILT-ON BOX

MARK	QTY	REFERENCE	DESCRIPTION
1	1	L430BA	GUIDING KIT DIAM. 38 MM
2	8	4507	NUT M6
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	2	B110A	BRACKET TRADI HEAVY DOORS 250 MM
OR	OR	OR	
4	2	B110B	BRACKET TRADI HEAVY DOORS 300 MM
6	4	4127	SCREW H M 6-12 8-8 ZN8/A/FE EN 24017
7	2	B110B1	BRACKET 19 X 3 TRADI HEAVY SHUTTER
8	4	4250	SCREW F M4 X 8
9	6	4110	SCREW F Z M 6-10
10	2	B110B2	SPACER TRADI HEAVY SHUTTER
11	1	B100GA	U BRACKET 16/10 MM SQUARE
12	1	A861 Å A865	SPRING FOR 60 OCTAGONAL TUBE
13	-	---	60 MM OCTAGONAL TUBE
14	1	A484	RETRACTABLE DUMMY END FOR 60 OCTAGONAL 12MM HOLE
15	2	4152	SCREW CBL Z M 5-20
16	1	C184	GEARBOX
17	4	4112	SCREW F Z M 6-12
18	1	C520G	BRACKET FOR ALUMINIUM ENDCAP
19	-	-	SHUTTER
20	4 MINI	H823	RING Ø 88 MM
21	2 MINI	H818	BLOCKSUR SECURITY LOCK 2 ELEMENTS 14 MM SLAT
OR	OR	OR	
21	2 MINI	H819	BLOCKSUR SECURITY LOCK 3 ELEMENTS 14 MM SLAT
22	2	H142	ROUND STOPPER WITH RING AND SCREW
23	-	--	GUIDE RAILS
24	2	B110C	BRACE
26	1	SERIE D590	CARDAN JOINT 90 ° SMALL PLATE 7 MM HEXA
27	1	SERIE E6XX	CRANK HANDLE
OPTION : IF IT IS NEEDED TO FIX A BOX, PROVIDE IN ADDITION :			
5	6MINI	B110B3	FIXING PLATE
25	12MINI	4259	SCREW TH M5 X 8 OR POP RIVET D 4 X 8 MINI
REMARK :			
IT IS POSSIBLE TO FIX 9 MOUNTING BRACKETS PER SUPPORT PLATE IF NEEDED.			
IT IS POSSIBLE TO GET IN A BAG : MARK 7+ 8 + 9 + 10 : REF OF BAG B110D.			



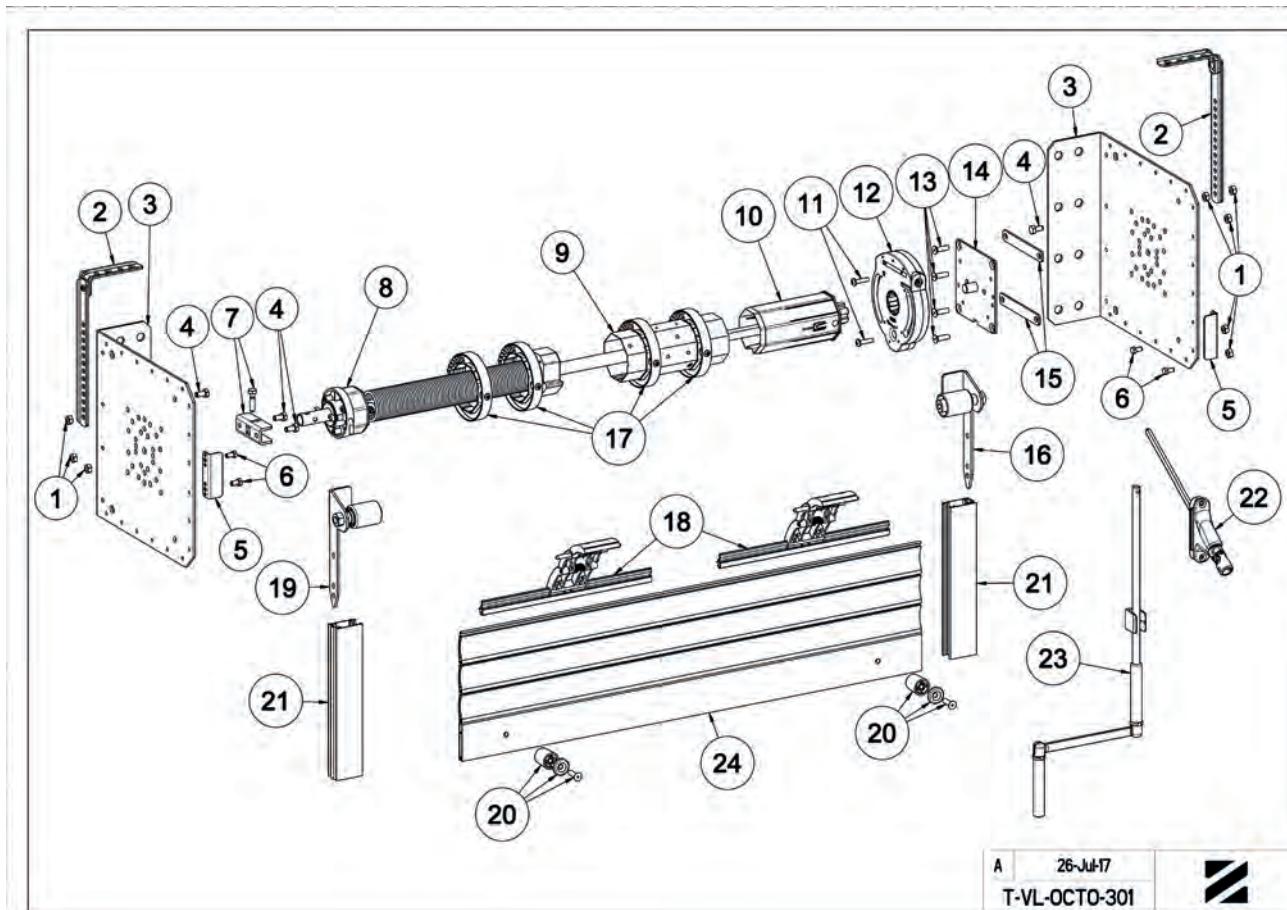


T-VL-301 - ASSEMBLY TRADI HEAVY SHUTTER - 25 KG GEARBOX WITH SPRING FOR 60 MM OCTAGONAL TUBE - «POSE INDEPENDANTE» - RIGHT

MARK	QTY	REFERENCE	DESCRIPTION
1	8	4507	NUT M6
2	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
3	2	B110A	BRACKET TRADI HEAVY DOORS 250 MM
OR	OR	OR	
3	2	B110B	BRACKET TRADI HEAVY DOORS 300 MM
4	4	4127	SCREW H M 6-12 8-8 ZN8/A/FE EN 24017
7	1	B100GA	U BRACKET 16/10 MM SQUARE
8	1	A861 À A865	SPRING FOR 60 OCTAGONAL TUBE
9	-	----	60 MM OCTAGONAL TUBE
10	1	A484	RETRACTABLE DUMMY END FOR 60 OCTAGONAL 12MM HOLE
11	2	4152	SCREW CBL Z M 5-20
12	1	C184	GEARBOX
13	4	4112	SCREW F Z M 6-12
14	1	C520G	BRACKET FOR ALUMINIUM ENDCAP
15	2	B110C	BRACE
16	1	H375B	LEFT ROLLER SUPPORT
17	4MINI	H823	RING Ø 88 MM
18	2MINI	H818	BLOCKSUR SECURITY LOCK 2 ELEMENTS 14 MM SLAT
OR	OR	OR	
18	2MINI	H819	BLOCKSUR SECURITY LOCK 3 ELEMENTS 14 MM SLAT
19	1	H375A	RIGHT ROLLER SUPPORT
20	2	H142	ROUND STOPPER WITH RING AND SCREW
21	-	--	GUIDE RAILS
22	1	SERIE D590	CARDAN JOINT 90 ° SMALL PLATE 7 MM HEXA
23	1	SERIE E6XX	CRANK HANDLE
24	-	-	SHUTTER
OPTION : IF IT IS NEEDED TO FIX A BOX, PROVIDE IN ADDITION :			
5	6MINI	B110B3	FIXING PLATE
6	12MINI	4259	SCREW TH M5 X 8 OR POP RIVET D 4 X 8 MINI

EMARK :

IS POSSIBLE TO FIX 9 MOUNTING BRACKETS PER SUPPORT PLATE IF NEEDED.



A 26-Jul-17
T-VL-OCTO-301





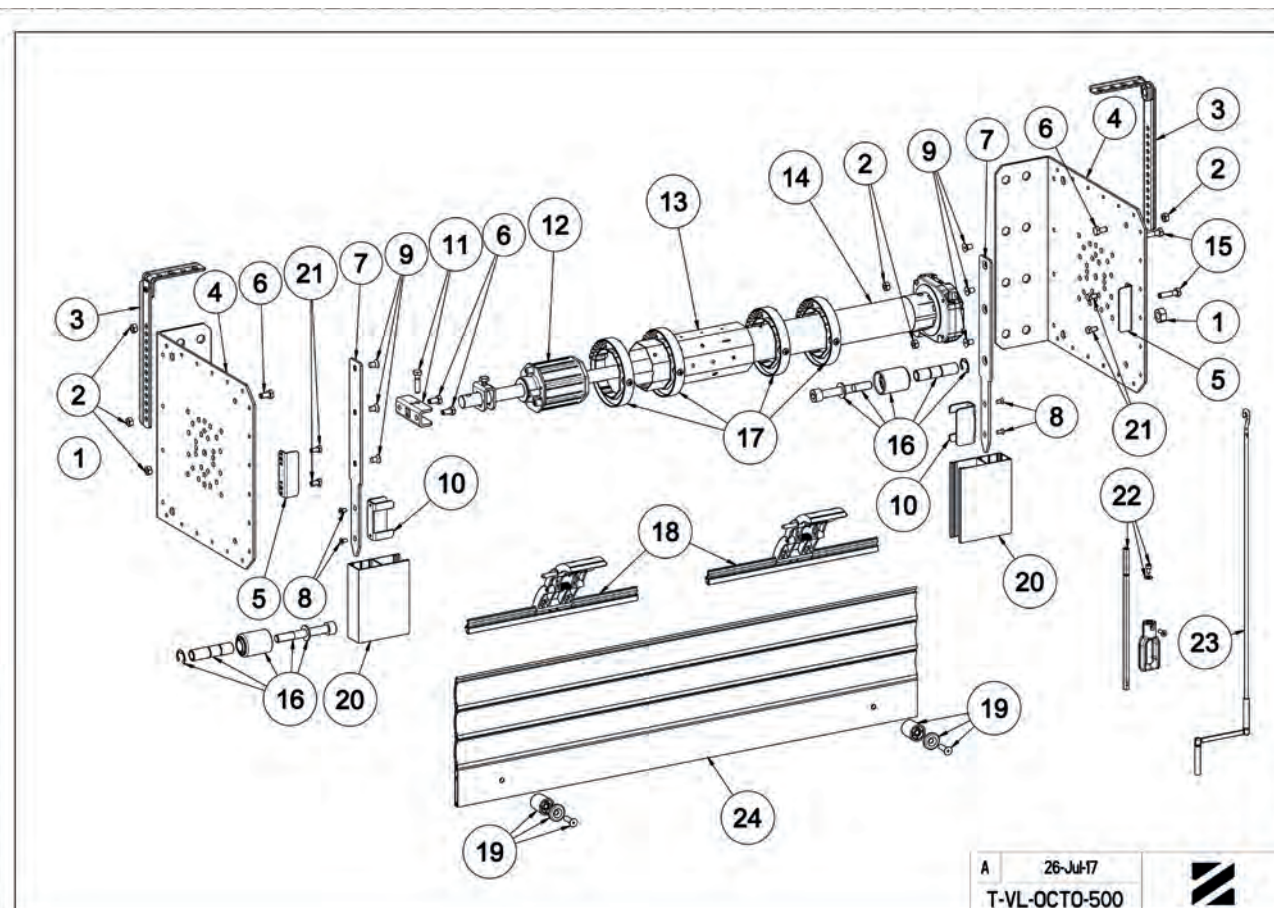
T-VL-500 - ASSEMBLY TRADI HEAVY SHUTTER MOTOR CSI FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1+16	1	L430BA	GUIDING KIT DIAM. 38 MM
2	6	4507	NUT M6
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	2	B110A	BRACKET TRADI HEAVY DOORS 250 MM
OR	OR	OR	
4	2	B110B	BRACKET TRADI HEAVY DOORS 300 MM
6	4	4127	SCREW H M 6-12 8-8 ZN8/A/FE EN 24017
7	2	B110B1	BRACKET 19 X 3 TRADI HEAVY SHUTTER
8	4	4250	SCREW F M4 X 8
9	6	4110	SCREW F Z M 6-10
10	2	B110B2	SPACER TRADI HEAVY SHUTTER
11	1	B100GA	U BRACKET 16/10 MM SQUARE
12	1	A463B	ADJUSTABLE DUMMY END FOR 60 OCTAGONAL TUBE L360 HEAVY SHUTTER
13	-	---	60 MM OCTAGONAL TUBE
14	1	.	MOTOR CSI
15	2	4129	SCREW H M 6-25
17	4 MINI	H823	RING Ø 88 MM
18	2 MINI	H818	BLOCKSUR SECURITY LOCK 2 ELEMENTS 14 MM SLAT
OR	OR	OR	
18	2 MINI	H819	BLOCKSUR SECURITY LOCK 3 ELEMENTS 14 MM SLAT
19	2	H142	ROUND STOPPER WITH RING AND SCREW
20	-	--	GUIDE RAILS
22	1	F606EG	EMERGENCY CARDAN JOINT WITH RING NI-BRI HEXA. 7 MM - 190 MM
23	1	E618CT	PROFIL CRANK F301A L1000.WHITE+HOOK Ø 10 EMMERGENCY OP.
24	-	-	SHUTTER
OPTION : IF IT IS NEEDED TO FIX A BOX, PROVIDE IN ADDITION :			
5	6 MINI	B110B3	FIXING PLATE
21	12 MINI	4259	SCREW TH M5 X 8 OR POP RIVET D 4 X 8 MINI

REMARK :

IT IS POSSIBLE TO FIX 9 MOUNTING BRACKETS PER SUPPORT PLATE IF NEEDED.

IT IS POSSIBLE TO GET IN A BAG : MARK 7+ 8 + 9 + 10 : REF OF BAG B110D.



A 26-Jul-17
T-VL-OCTO-500



ASSEMBLY

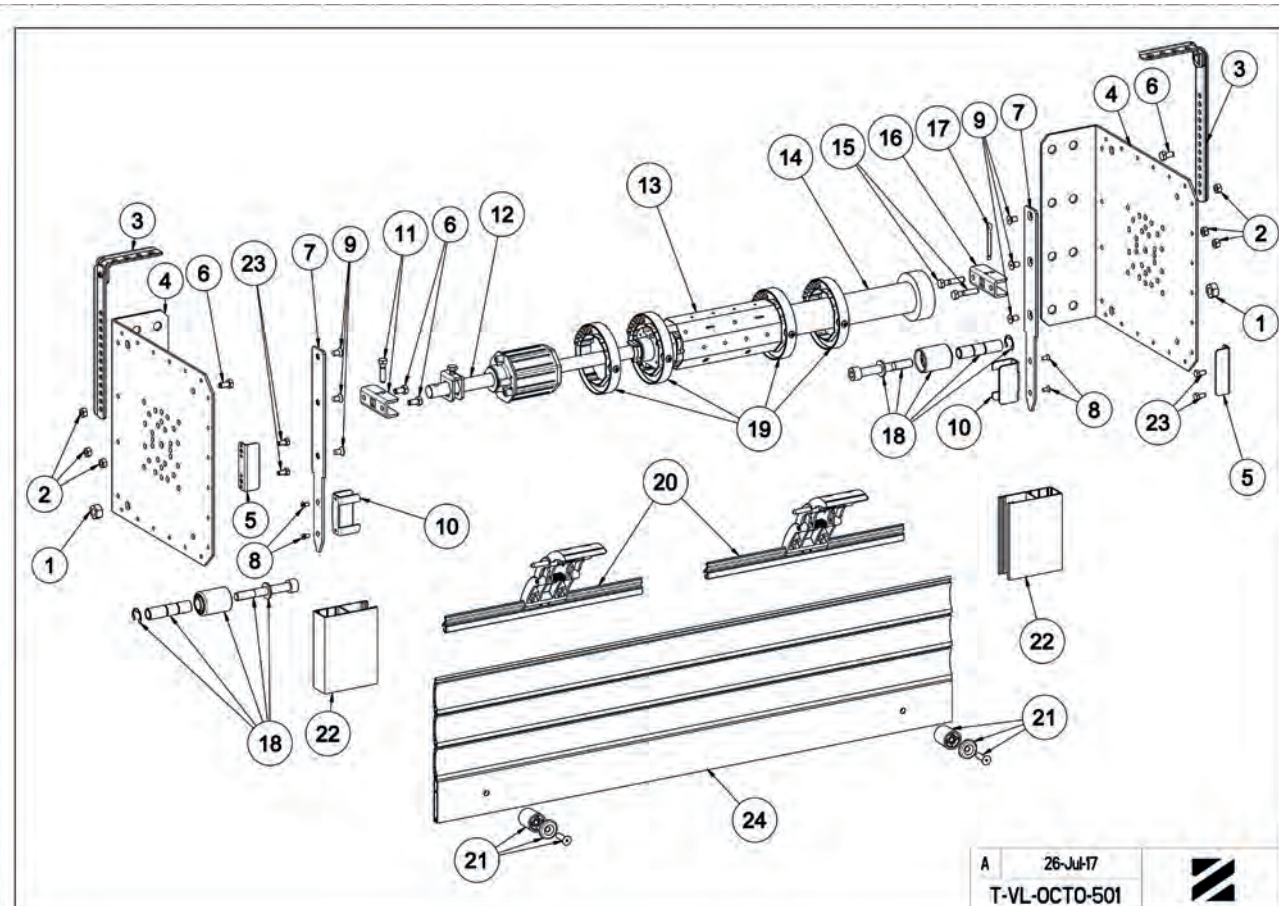
T-VL-501 - ASSEMBLY TRADI HEAVY SHUTTER UNIVERSAL MOTOR - 10 MM SQUARE-REFOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1+18	1	L430BA	GUIDING KIT DIAM. 38 MM
2	6	4507	NUT M6
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	2	B110A	BRACKET TRADI HEAVY DOORS 250 MM
OR	OR	OR	
4	2	B110B	BRACKET TRADI HEAVY DOORS 300 MM
6	4	4127	SCREW H M 6-12 8-8 ZN8/A/FE EN 24017
7	2	B110B1	BRACKET 19 X 3 TRADI HEAVY SHUTTER
8	4	4250	SCREW F M4 X 8
9	6	4110	SCREW F Z M 6-10
10	2	B110B2	SPACER TRADI HEAVY SHUTTER
11	1	B100GA	U BRACKET 16/10 MM SQUARE
12	1	A463B	ADJUSTABLE DUMMY END FOR 60 OCTAGONAL TUBE L360 HEAVY SHUTTER
13	-	----	60 MM OCTAGONAL TUBE
14	1	...	UNIVERSAL MOTOR 10 MM SQUARE
15	2	'	SCREW
16	1	B100G	U BRACKET 16/10 MM SQUARE
17	1	"	PIN
19	4 MINI	H823	RING Ø 88 MM
20	2 MINI	H818	BLOCKSUR SECURITY LOCK 2 ELEMENTS 14 MM SLAT
OR	OR	OR	
20	2 MINI	H819	BLOCKSUR SECURITY LOCK 3 ELEMENTS 14 MM SLAT
21	2	H142	ROUND STOPPER WITH RING AND SCREW
22	-	--	GUIDE RAILS
24	-	-	SHUTTER
OPTION : IF IT IS NEEDED TO FIX A BOX, PROVIDE IN ADDITION :			
5	6 MINI	B110B3	FIXING PLATE
23	12 MINI	4259	SCREW TH M5 X 8 OR POP RIVET D 4 X 8 MINI

REMARK :

IT IS POSSIBLE TO FIX 9 MOUNTING BRACKETS PER SUPPORT PLATE IF NEEDED.

IT IS POSSIBLE TO GET IN A BAG : MARK 7+ 8 + 9 + 10 : REF OF BAG B110D.



A 26-Jul-17
T-VL-OCTO-501





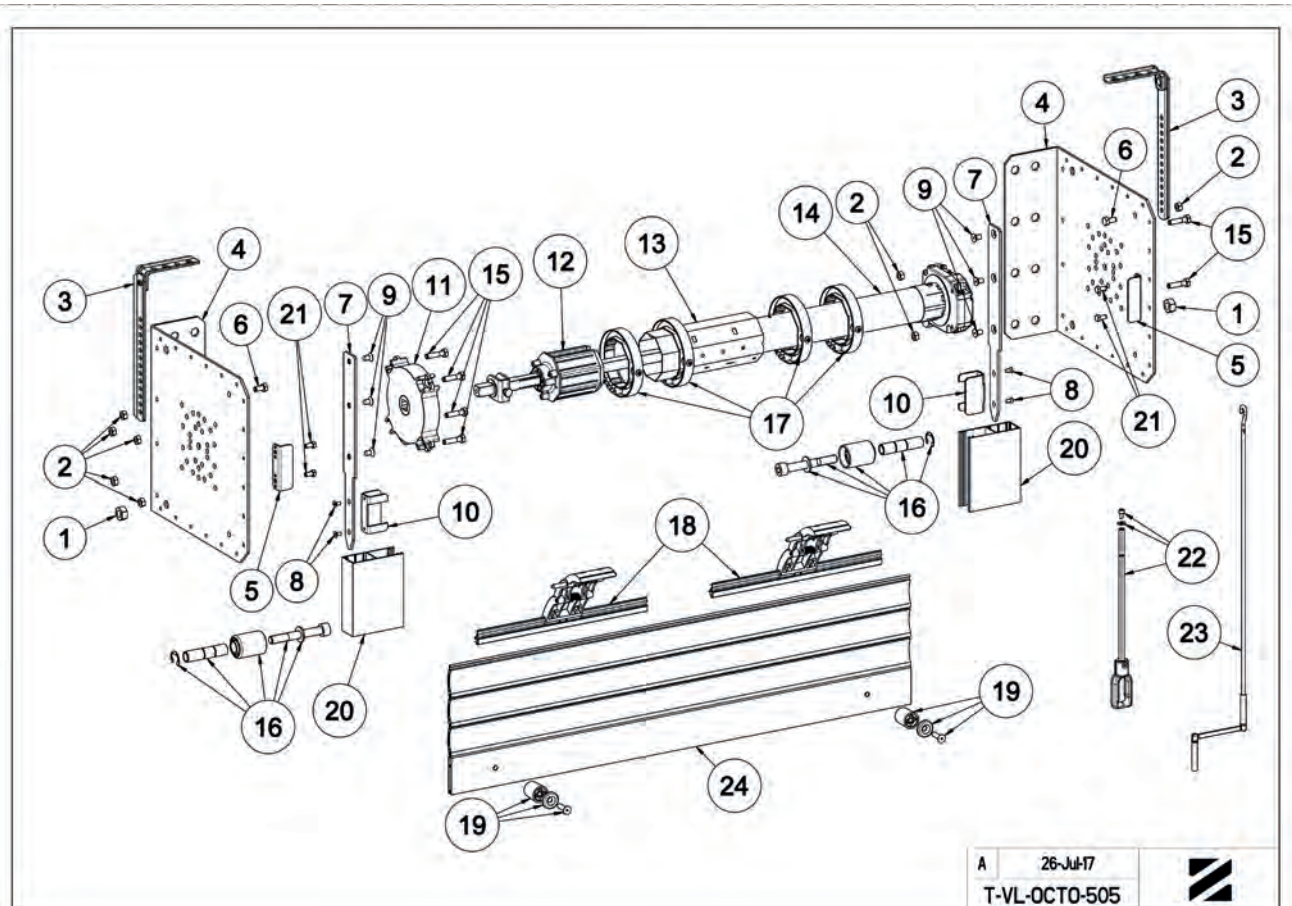
T-VL-505 - ASSEMBLY TRADI HEAVY SHUTTER MOTOR CSI FOR 60 MM OCTAGONAL TUBE + SAFETY BRAKE

Mark	Qty	Reference	Description
1+16	1	L430BA	GUIDING KIT Diam. 38 MM
2	8	4507	NUT M6
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	2	B110A	BRACKET TRADI HEAVY DOORS 250 MM
or	or	or	
4	2	B110B	BRACKET TRADI HEAVY DOORS 300 MM
6	2	4127	SCREW H M 6-12 8-8 Zn8/A/Fe EN 24017
7	2	B110B1	BRACKET 19 x 3 TRADI HEAVY SHUTTER
8	4	4250	SCREW F M4 x 8
9	6	4110	SCREW F Z M 6-10
10	2	B110B2	SPACER TRADI HEAVY SHUTTER
11	1	□	SAFETY BRAKE
12	1	A484E	ADJUSTABLE DUMMY END OCTAGONAL 60 13mm SQUARE FOR SAFETY BRAKE
13	-	---	60 mm OCTAGONAL TUBE
14	1	.	MOTOR CSI
15	6	4129	SCREW H M 6-25
17	4 Mini	H823	RING Ø 88 MM
18	2 Mini	H818	BLOCKSUR SECURITY LOCK 2 ELEMENTS 14 MM SLAT
or	or	or	
18	2 Mini	H819	BLOCKSUR SECURITY LOCK 3 ELEMENTS 14 MM SLAT
19	2	H142	ROUND STOPPER WITH RING AND SCREW
20	-	--	GUIDE RAILS
22	1	F606EG	EMERGENCY CARDAN JOINT WITH RING NI-BRI HEXA. 7 MM - 190 MM
23	1	E631CT	PROFIL CRANK F301A L1200.WHITE+HOOK Ø 10 EMERGENCY OP.
24	-	-	SHUTTER
Option : if it is needed to fix a box, provide in addition :			
5	6 mini	B110B3	FIXING PLATE
21	12 mini	4259	SCREW TH M5 x 8 OR POP RIVET D 4 x 8 MINI

Remark :

It is possible to fix 9 mounting brackets per support plate if needed.

It is possible to get in a bag : mark 7+ 8 + 9 + 10 : ref of bag B110D.



A 26-Jul-17
T-VL-OCT0-505

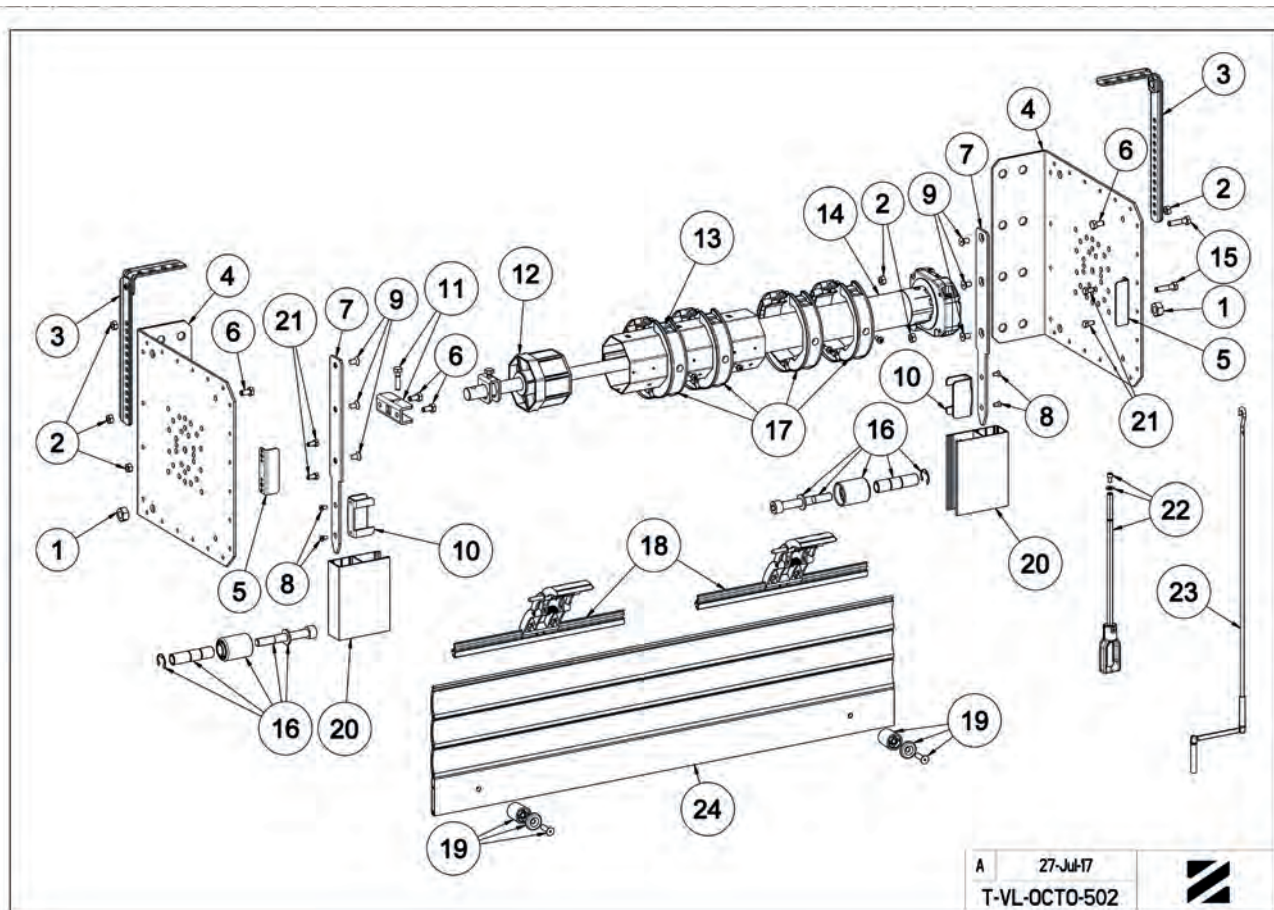




ASSEMBLY

T-VL-502 - ASSEMBLY TRADI HEAVY SHUTTER MOTOR CSI FOR 70 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1+16	1	L430BA	GUIDING KIT DIAM. 38 MM
2	6	4507	NUT M6
3	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
4	2	B110A	BRACKET TRADI HEAVY DOORS 250 MM
OR	OR	OR	
4	2	B110B	BRACKET TRADI HEAVY DOORS 300 MM
6	4	4127	SCREW H M 6-12 8-8 ZN8/A/FE EN 24017
7	2	B110B1	BRACKET 19 X 3 TRADI HEAVY SHUTTER
8	4	4250	SCREW F M4 X 8
9	6	4110	SCREW F Z M 6-10
10	2	B110B2	SPACER TRADI HEAVY SHUTTER
11	1	B100GA	U BRACKET 16/10 MM SQUARE
12	1	A485A	ADJUSTABLE DUMMY END FOR 70 OCTAGONAL HEAVY SHUTTERS
13	-	----	70 MM OCTAGONAL TUBE
14	1	.	MOTOR CSI
15	2	4129	SCREW H M 6-25
17	4 MINI	H895AC	RING FOR GARAGE DOOR SECURITY LOCK OCTAGONAL 70 + SCREW
18	2 MINI	H818	BLOCKSUR SECURITY LOCK 2 ELEMENTS 14 MM SLAT
OR	OR	OR	
18	2 MINI	H819	BLOCKSUR SECURITY LOCK 3 ELEMENTS 14 MM SLAT
19	2	H142	ROUND STOPPER WITH RING AND SCREW
20	-	--	GUIDE RAILS
22	1	F606EG	EMERGENCY CARDAN JOINT WITH RING NI-BRI HEXA. 7 MM - 190 MM
23	1	E631CT	PROFIL CRANK F301A L1200.WHITE+HOOK Ø 10 EMERGENCY OP.
24	-	-	SHUTTER
OPTION : IF IT IS NEEDED TO FIX A BOX, PROVIDE IN ADDITION :			
5	6 MINI	B110B3	FIXING PLATE
21	12 MINI	4259	SCREW TH M5 X 8 OR POP RIVET D 4 X 8 MINI
REMARK :			
IT IS POSSIBLE TO FIX 9 MOUNTING BRACKETS PER SUPPORT PLATE IF NEEDED.			
IT IS POSSIBLE TO GET IN A BAG : MARK 7+ 8 + 9 + 10 : REF OF BAG B110D.			





T-VL-555 - ASSEMBLY TRADI HEAVY SHUTTER - MOTOR SOMFY CSI - FOR 70 MM OCTAGONAL TUBE - ROLLING CONSOLE - WITH SAFETY BRAKE - 300 MM

MARK	QTY	REFERENCE	DESCRIPTION
1	8	4113	SCREW F Z M 6-20 RL BS 240
2	2	4507	NUT M6
3	2	L444B30	SLIDING PLATE 300 MM
4	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
5	8	4507	NUT M6
6	8	L430A5	SHOCK ABSORBER
7	1	L444B12	CARRIAGE
8	1	-	SAFETY BRAKE MAX. CAPACITY 150 NM
9	4	N151	STEEL WASHER
10	1	L444B22	CARRIAGE
11	1	A485	ADJUSTABLE DUMMY END OCTAGONAL 70 18MM SQUARE FOR SAFETY BRAKE
12	-	----	70 MM OCTAGONAL TUBE
13	1	-	MOTOR CSI
14	6	4507	NUT M6
15	2	B110BB	HEAVY ROLLER BRACKET
16	4	4121	SCREW TH M5 X 14
17	2	L427Z2	BEARING
18	2	L427C2	ROLLER
19	2	4842	RING E 863 D14
20	2	4837	WASHER 20 X 10
21	2	4316	SCREW CHC M10
22	6	4129	SCREW H M 6-25
23+24	4 MINI	H895AC	RING FOR GARAGE DOOR SECURITY LOCK OCTAGONAL 70 + SCREW
25	2 MINI	H895B	GARAGE DOOR SECURITY LOCK 2 ELEMENTS
26	1	E618CV	PROFIL CRANK F301A L1000.WHITE+HOOK.
27	1	F606EH	EMERGENCY CARDAN JOINT WITH RING NI-BRI HEXA. 7 MM - 220 MM
28	2	H135	ROUND STOPPER WITH RING AND SCREW
29	-	-	SHUTTER
30	-	--	GUIDE RAILS
31	4	4250	SCREW F M4 X 8
32	2	B110B1	BRACKET 19 X 3 TRADI HEAVY SHUTTER
33	6	4110	SCREW F Z M 6-10
34	2	B110B2	SPACER TRADI HEAVY SHUTTER
37	2	4128A	SCREW H M 6-16 8-8
38	2	4504	NUT H M10
35	6 MINI	B110B3	OPTION : IF IT IS NEEDED TO FIX A BOX, PROVIDE IN ADDITION : FIXING PLATE
36	12 MINI	4259	SCREW TH M5 X 8 OR POP RIVET D 4 X 8 MINI

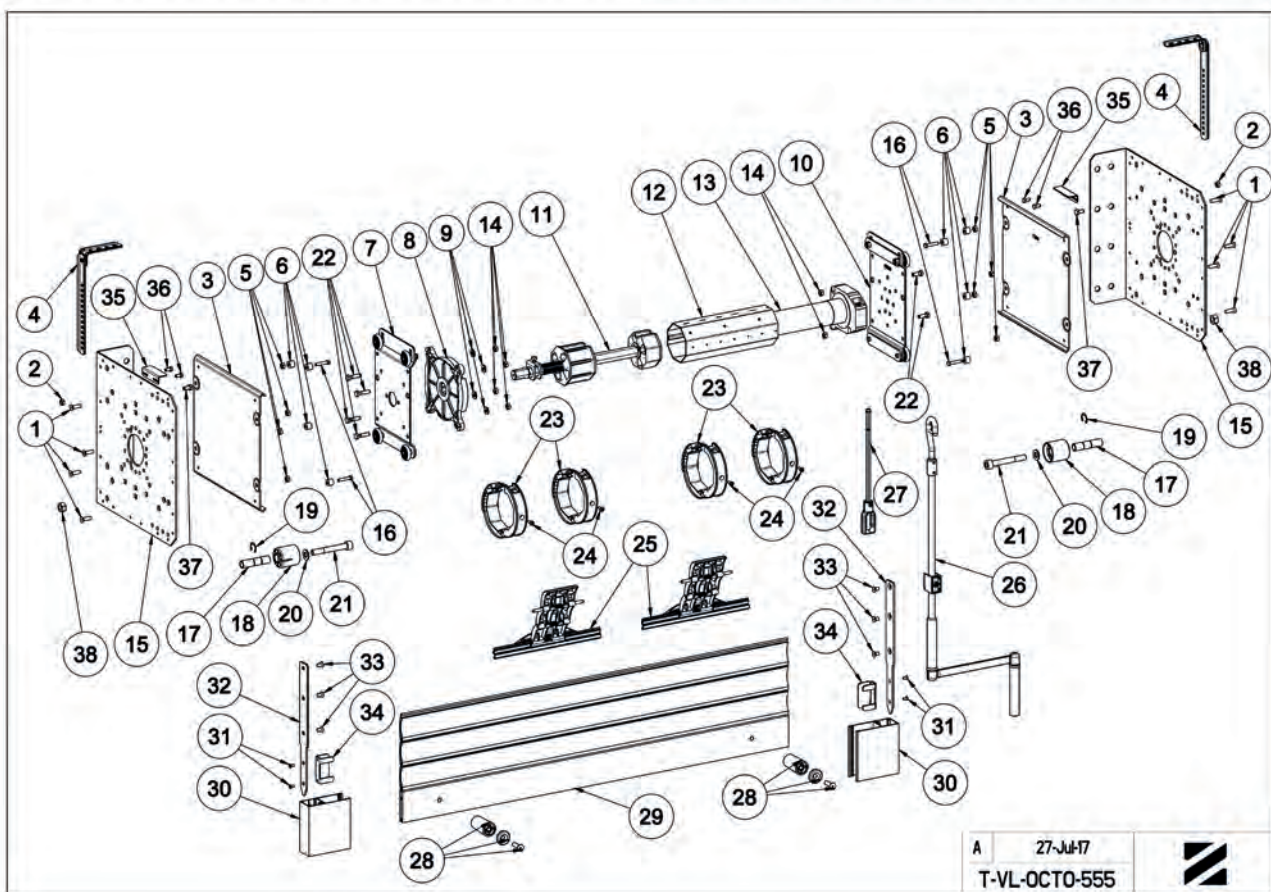
REMARK :

IT IS POSSIBLE TO FIX 9 MOUNTING BRACKETS PER SUPPORT PLATE IF NEEDED.

IL IS POSSIBLE TO GET IN A BAG : MARK 31 + 32 + 33 + 34 : REF. B110D

PARTS MARK 17 - 18 - 19 - 20 - 21 - 38 ARE NECESSARILY DELIVERED TOGETHER IN A BAG : REF. L430BA

PARTS MARK 1 - 3 - 5 - 6 - 7 - 10 - 16 ARE NECESSARILY DELIVERED TOGETHER AS A SET : REF. L444JA



A 27-Jul17
T-VL-OCTO-555



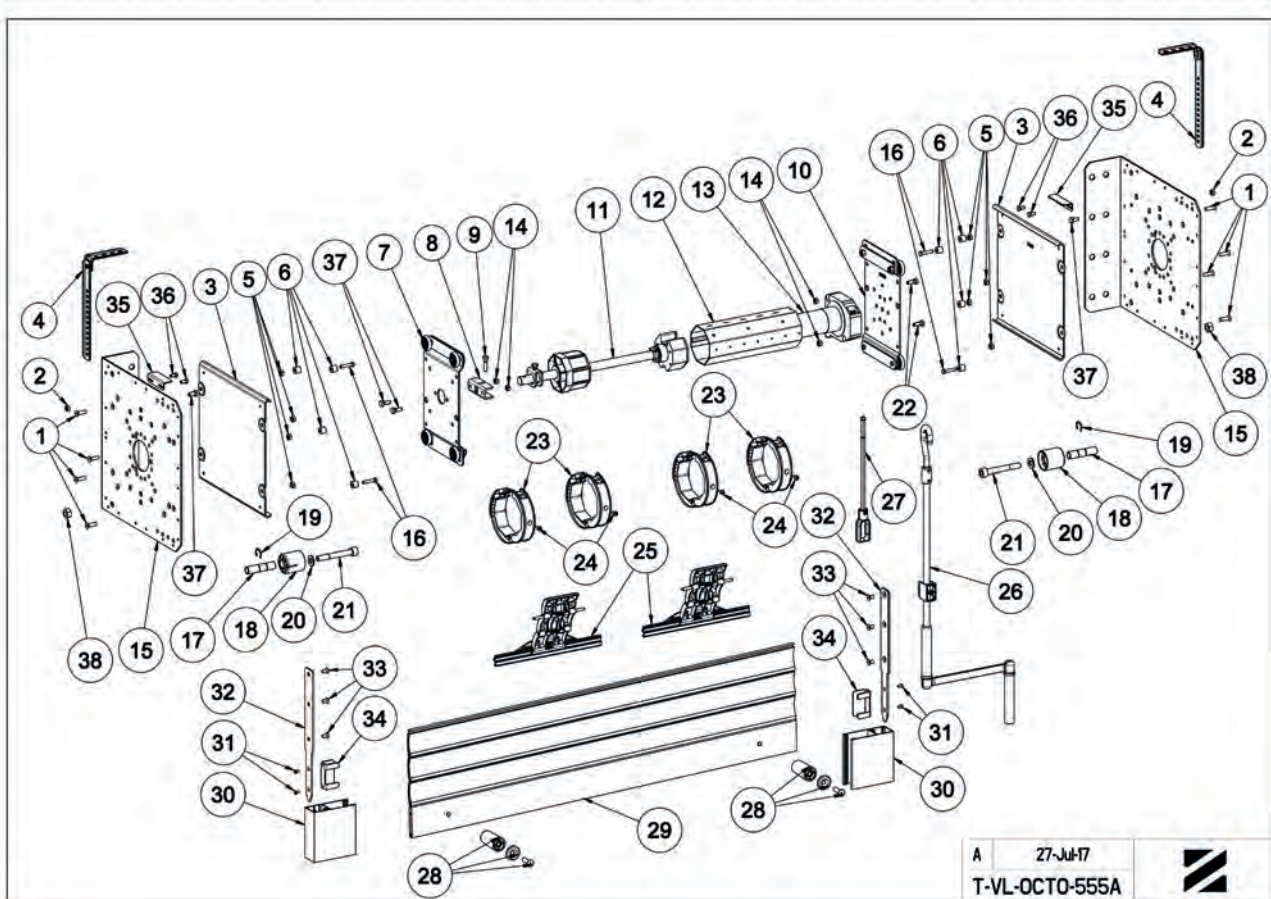


T-VL-555A - ASSEMBLY TRADI HEAVY SHUTTER - MOTOR SOMFY CSI - FOR 70 MM OCTAGONAL TUBE - ROLLING CONSOLE - 300 MM

MARK	QTY	REFERENCE	DESCRIPTION
1	8	4113	SCREW F Z M 6-20 RL BS 240
2	2	4507	NUT M6
3	2	L444B30	SLIDING PLATE 300 MM
4	2	B205	REINFORCEMENT GALVANIZED OFFSET 80
5	8	4507	NUT M6
6	8	L430A5	SHOCK ABSORBER
7	1	L444B12	CARRIAGE
8	1	B100G	U BRACKET 16/10 MM SQUARE
9	1	4129	SCREW H M 6-25
10	1	L444B22	CARRIAGE
11	1	A485A	ADJUSTABLE DUMMY END FOR 70 OCTAGONAL HEAVY SHUTTERS
12	-	---	70 MM OCTAGONAL TUBE
13	1	---	MOTOR CSI
14	4	4507	NUT M6
15	2	B110BB	HEAVY ROLLER BRACKET
16	4	4121	SCREW TH M5 X 14
17	2	L427Z2	BEARING
18	2	L427C2	ROLLER
19	2	4842	RING E 863 D14
20	2	4837	WASHER 20 X 10
21	2	4316	SCREW CHC M10
22	2	4129	SCREW H M 6-25
23+24	4 MINI	H895AC	RING FOR GARAGE DOOR SECURITY LOCK OCTAGONAL 70 + SCREW
25	2 MINI	H895B	GARAGE DOOR SECURITY LOCK 2 ELEMENTS
26	1	E618CV	PROFIL CRANK F301A L1000.WHITE+HOOK.
27	1	F606EH	EMERGENCY CARDAN JOINT WITH RING NI-BRI HEXA. 7 MM - 220 MM
28	2	H135	ROUND STOPPER WITH RING AND SCREW
29	-	-	SHUTTER
30	-	-	GUIDE RAILS
31	4	4250	SCREW F M4 X 8
32	2	B110B1	BRACKET 19 X 3 TRADI HEAVY SHUTTER
33	6	4110	SCREW F Z M 6-10
34	2	B110B2	SPACER TRADI HEAVY SHUTTER
37	4	4128A	SCREW H M 6-16 8-8
38	2	4504	NUT H M10
			OPTION : IF IT IS NEEDED TO FIX A BOX, PROVIDE IN ADDITION :
35	6 MINI	B110B3	FIXING PLATE
36	12 MINI	4259	SCREW TH M5 X 8 OR POP RIVET D 4 X 8 MINI

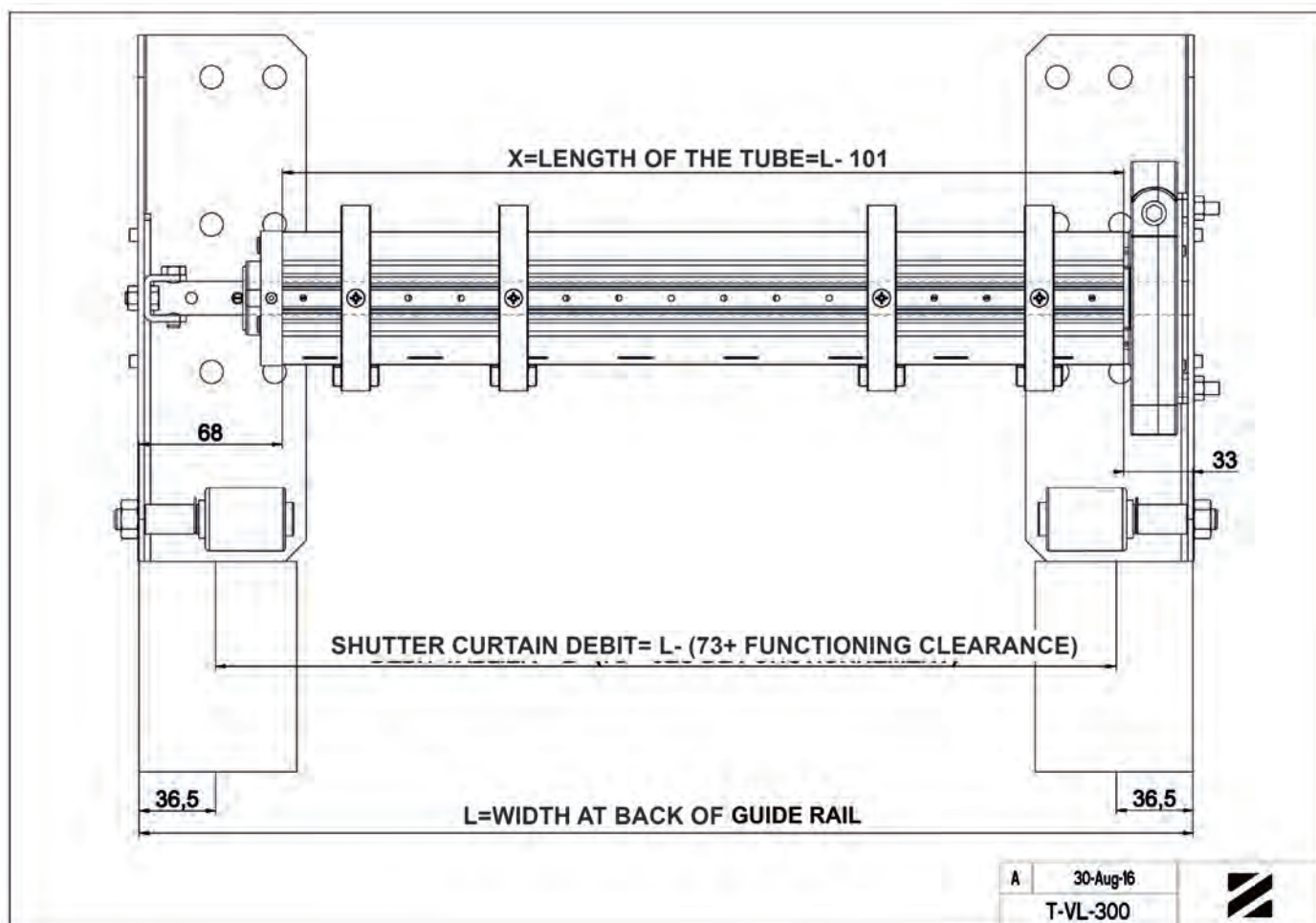
REMARK :

IT IS POSSIBLE TO FIX 9 MOUNTING BRACKETS PER SUPPORT PLATE IF NEEDED.
 IL IS POSSIBLE TO GET IN A BAG : MARK 31 + 32 + 33 + 34 : REF. B110D
 PARTS MARK 17 - 18 - 19 - 20 - 21 - 38 ARE NECESSARILY DELIVERED TOGETHER IN A BAG : REF. L430BA
 PARTS MARK 1 - 3 - 5 - 6 - 7 - 10 - 16 ARE NECESSARILY DELIVERED TOGETHER AS A SET : REF. L444JA

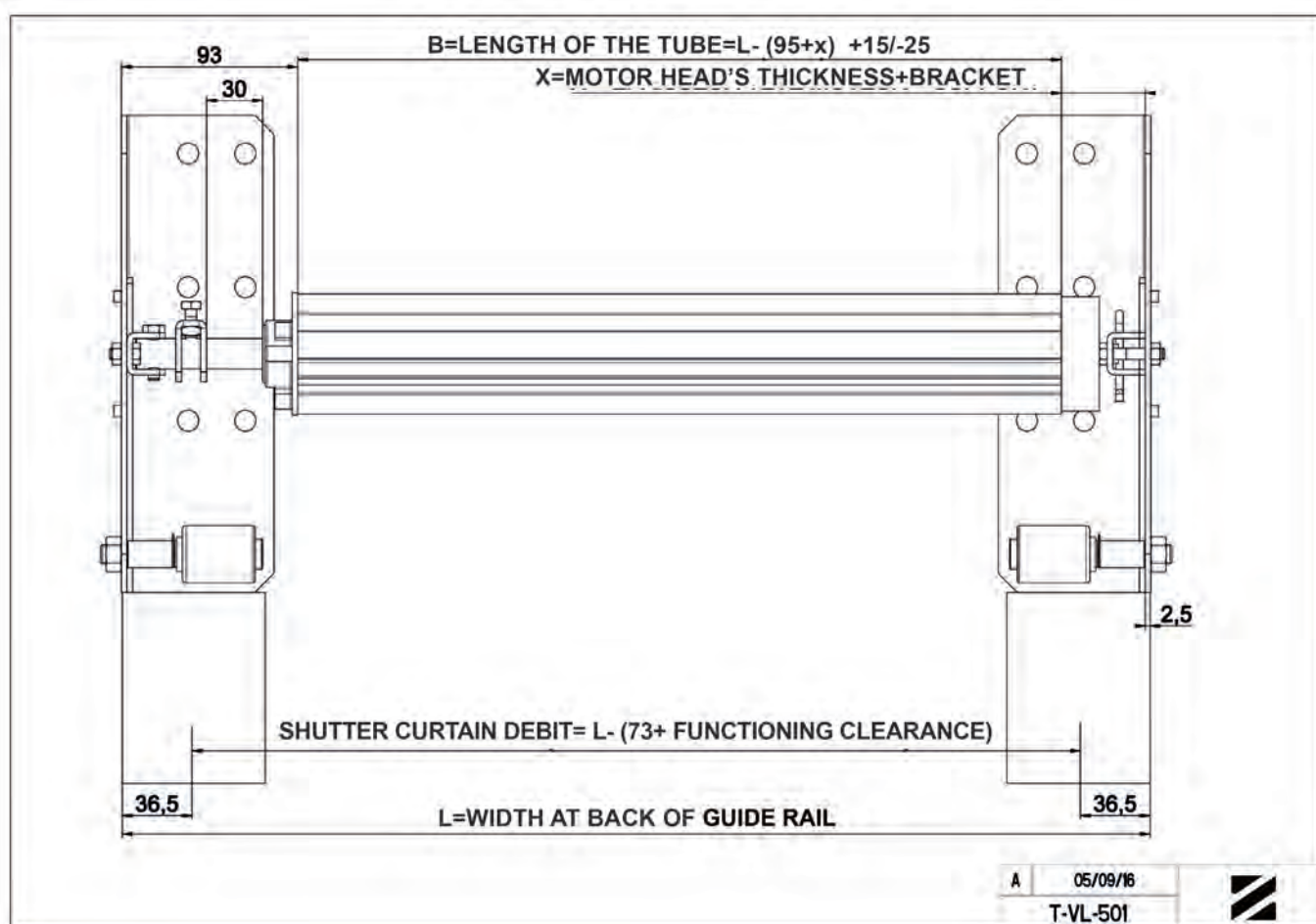




T-VL-300 - CUTTING CHART



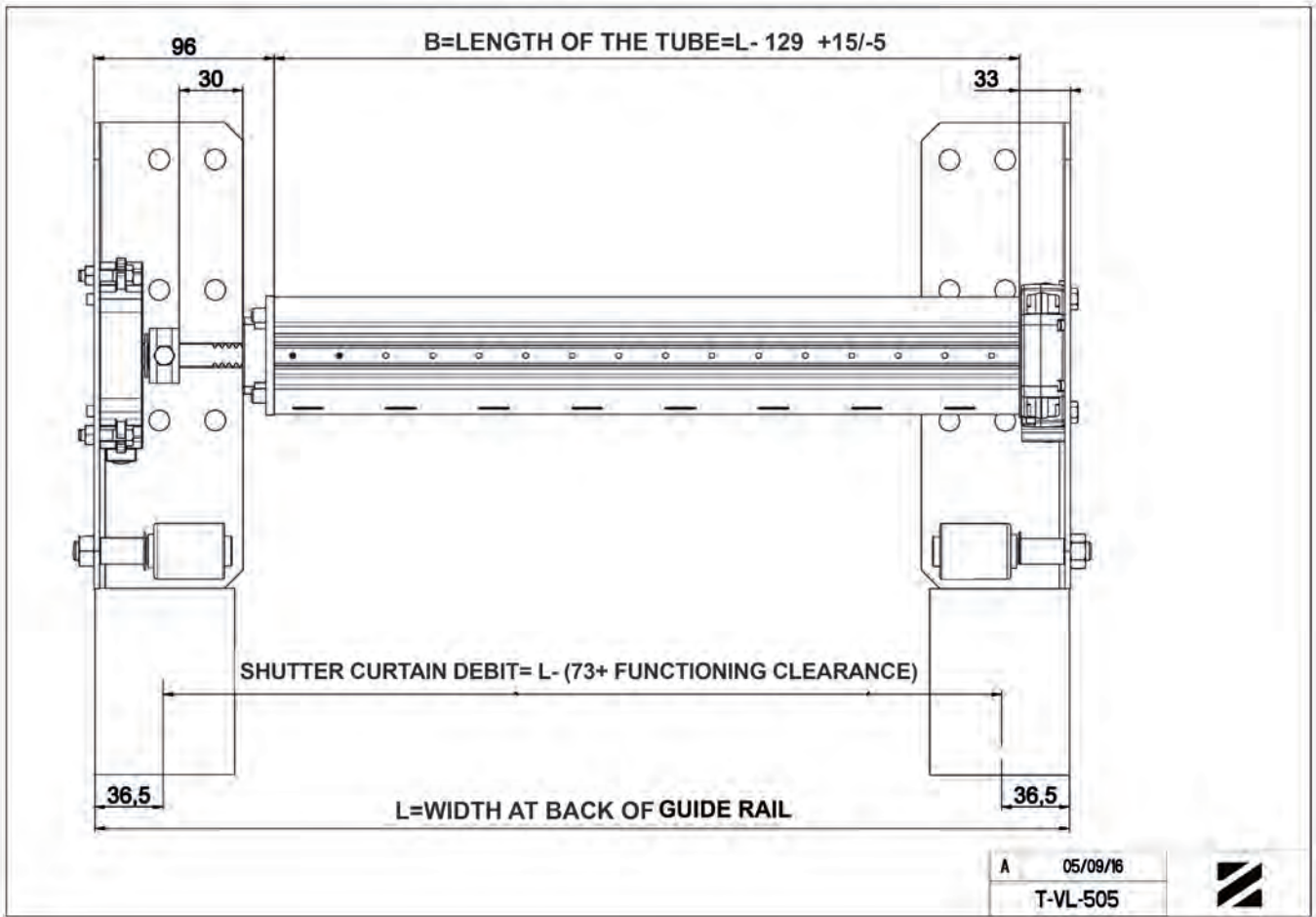
T-VL-501 - CUTTING CHART



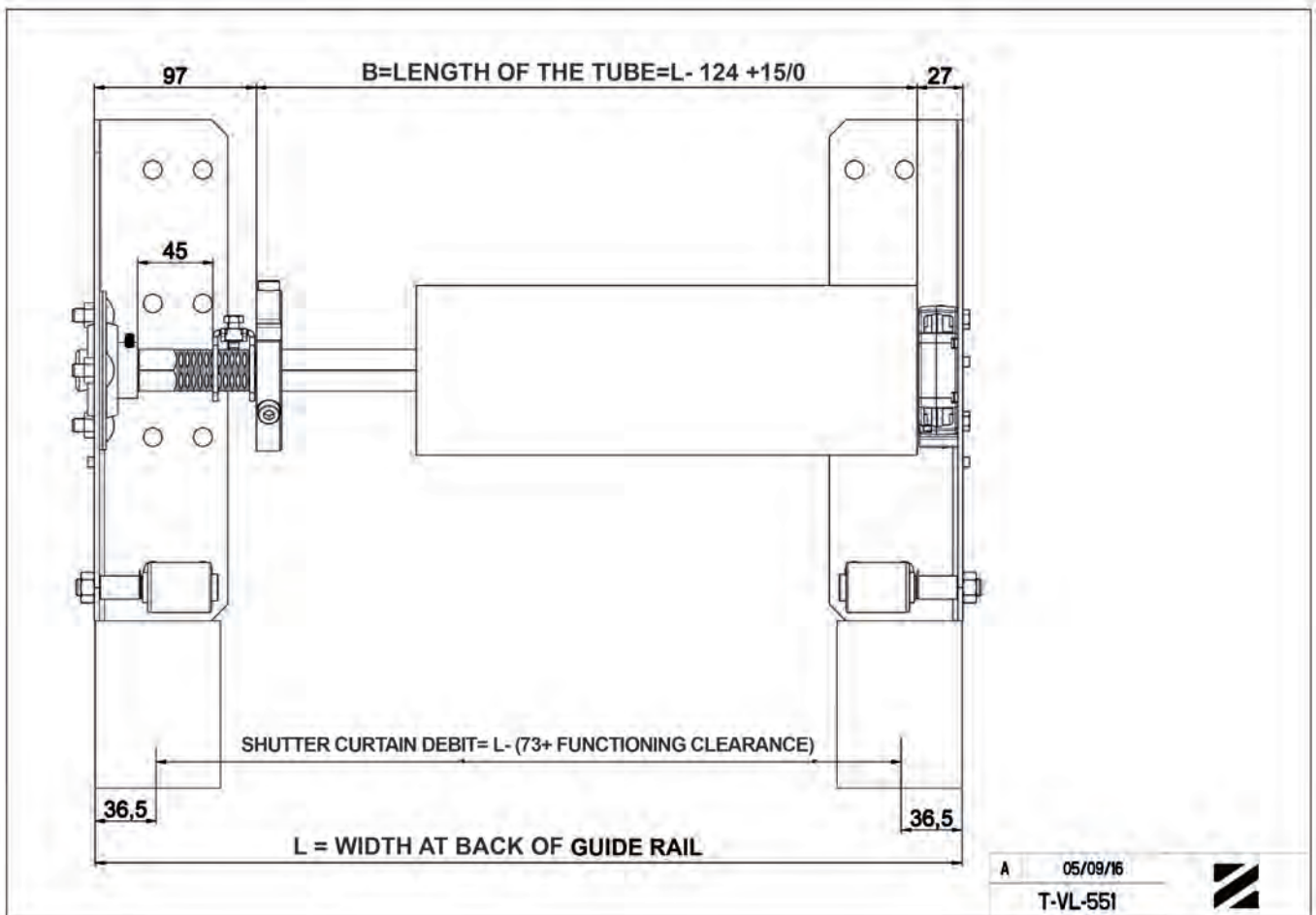


CUTTING CHART

T-VL-505 - CUTTING CHART

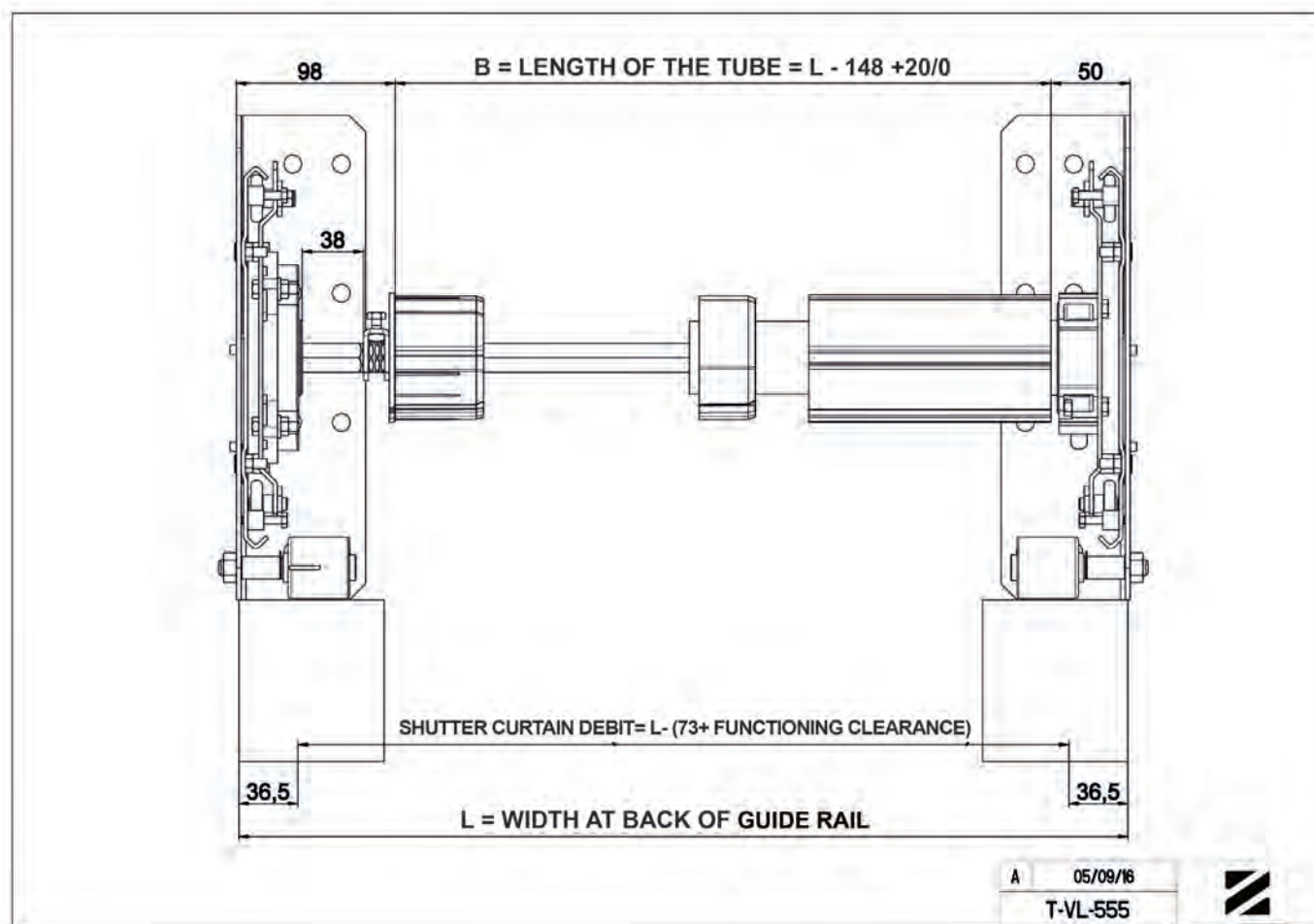


T-VL-551 - CUTTING CHART

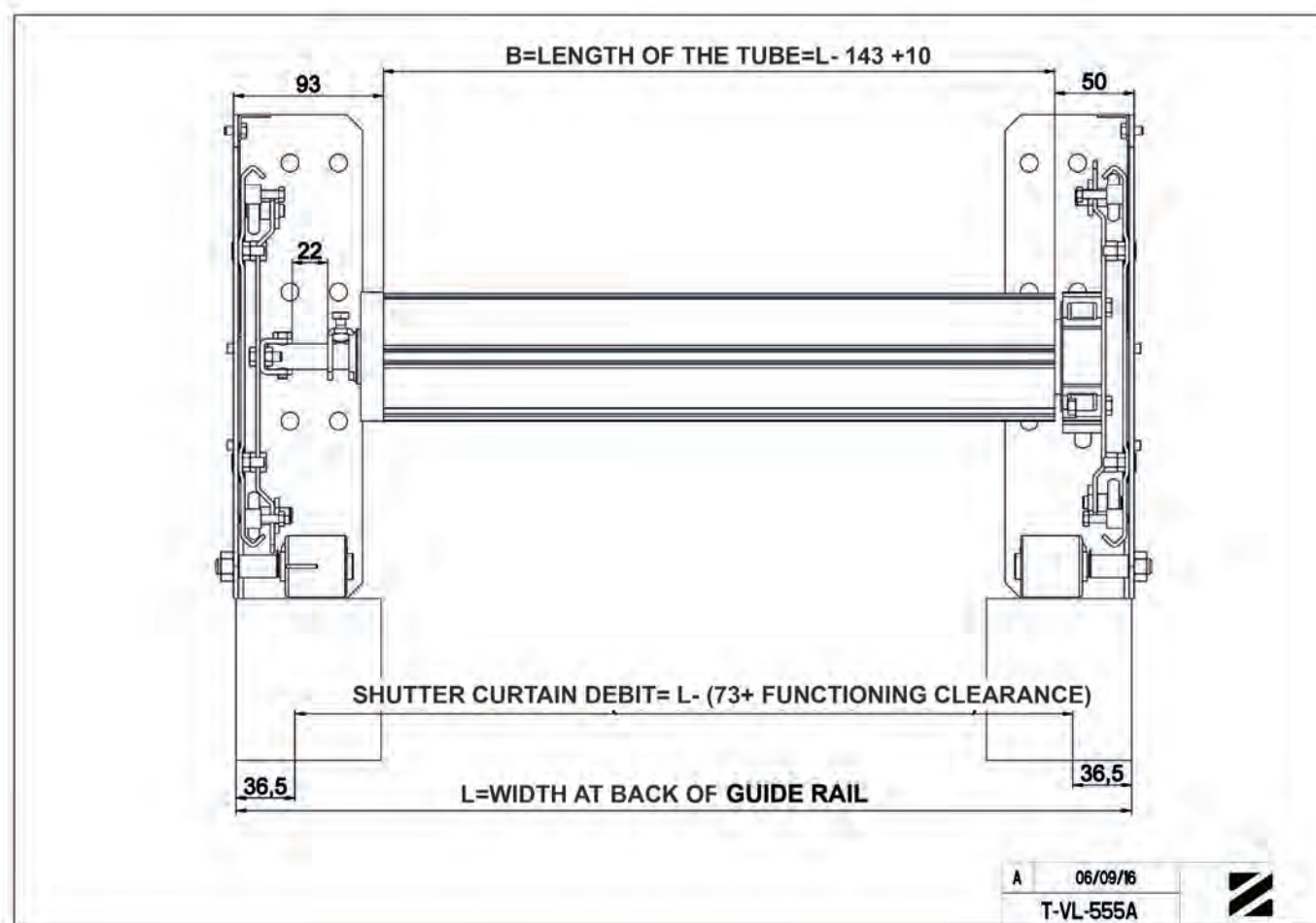




T-VL-555 - CUTTING CHART



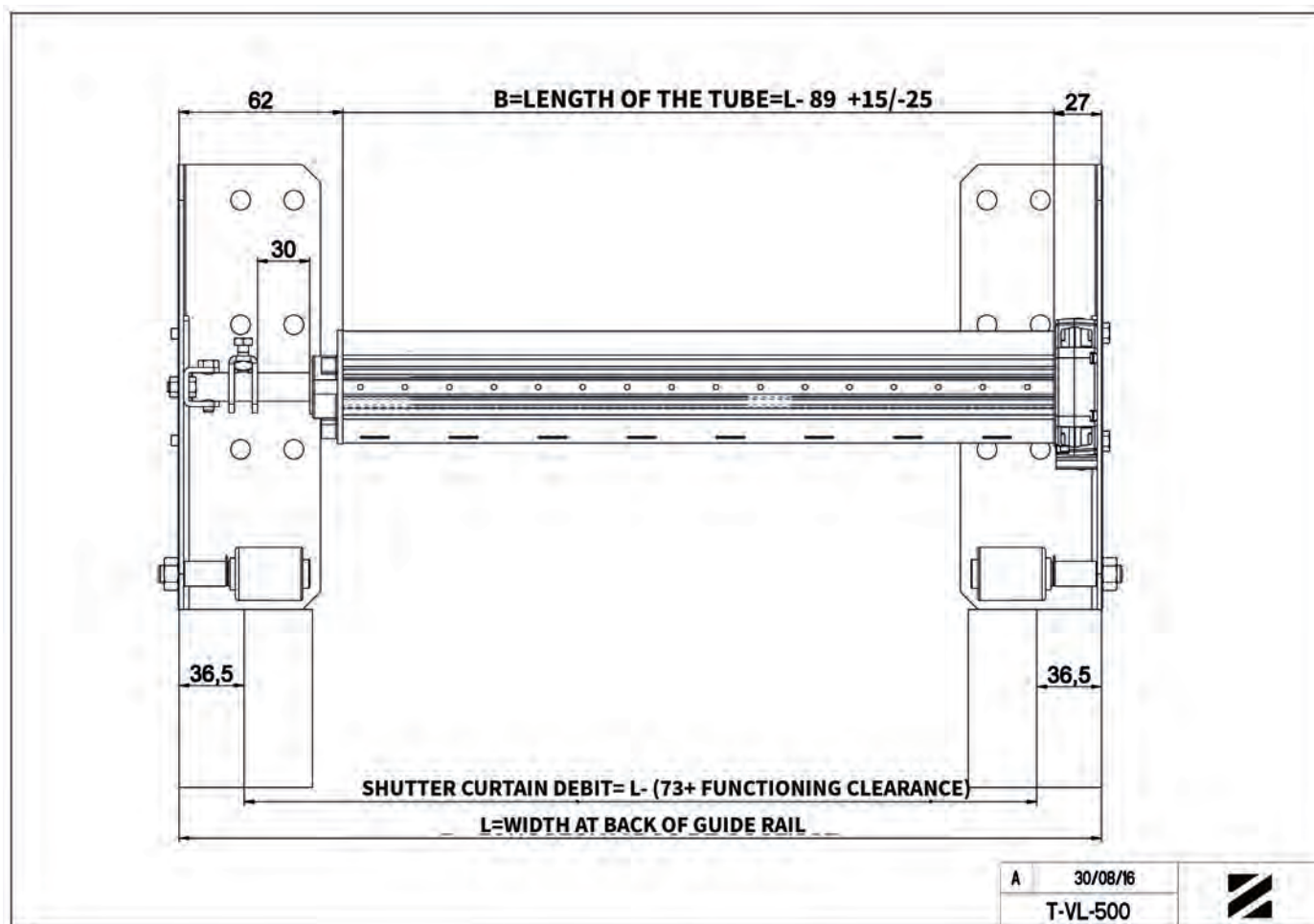
T-VL-555A - CUTTING CHART





CUTTING CHART

T-VL-500 - CUTTING CHART



NOTES

A series of horizontal dotted lines for writing notes.



ZURFLÜH-FELLER

TUNNEL BOX COMPONENTS

▶ **COFFRELITE** **286**

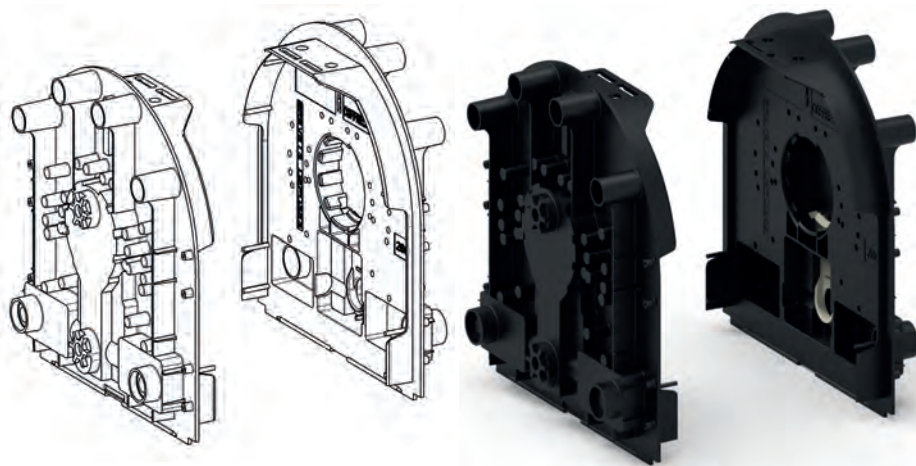
▶ **EDILCASS / TYPE F** **303**

▶ **COMPONENTS FOR BUILT-IN BOX HEAVY SHUTTERS** **318**



COFFRELITE ENDPLATE

K355



Features

PS shock

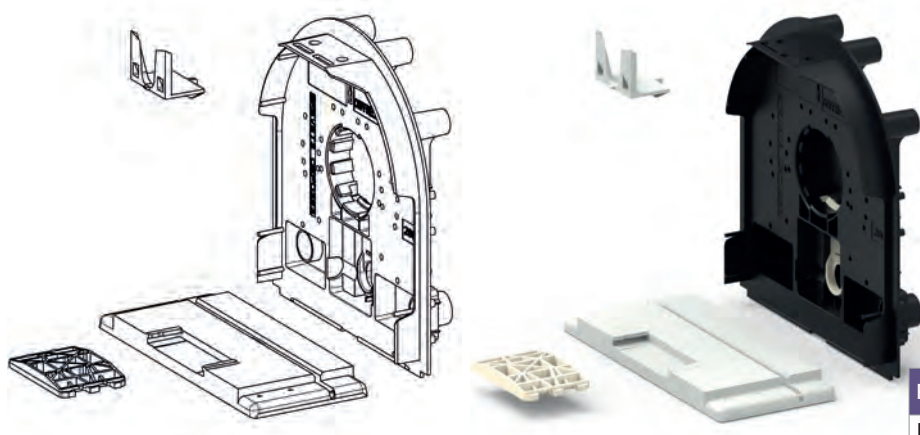
Use

Allows connection of the winding shaft by clippable sleeve: delivered locking bolt mounted on the endplate.
Mounts right or left.

REF.	BOX SIZE	PACK
K355	260	210
K356	280	210
K357	300	210

COFFRELITE ENDPLATE SET

K355D



Features

Each reference corresponds to a kit delivered loose in a pallet carton.

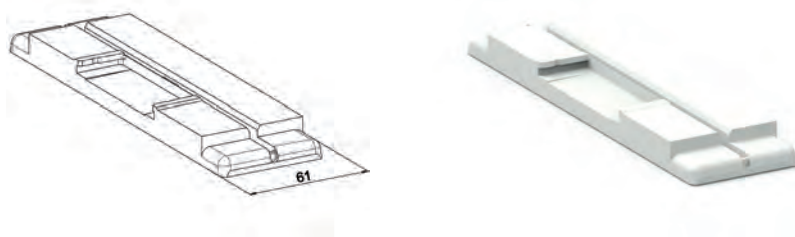
Each set includes:

- An endplate
- A vault look
- A tail extension
- A tail

REF.	TYPE	ENDBEAD	DIMENSION D (CUTTING CHART)	PACK
K355D	260	100	65	210
K356C	280	60	30	210
K356D	280	100	65	210
K357C	300	60	30	210
K357D	300	100	65	210

ENDPLATE TAIL 60MM

K355A



Features

PS shock

Use

Mounts on all models of endplate:

Link by clipping.

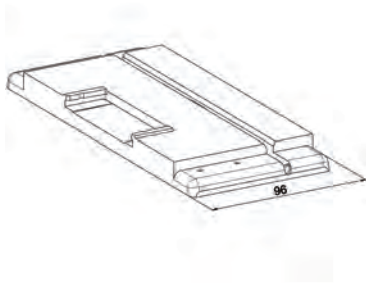
Sliding on the endplate: thus allowing mounting right or left.

REF.	BOX SIZE	DIMENSION D (CUTTING CHART)	PACK
K355A	260	30	70
K356A	280	30	70
K357A	300	30	70



ENDPLATE TAIL 100MM

K355B



Features

PS shock

Use

Mounts on all models of endplate :

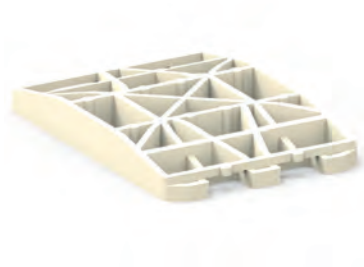
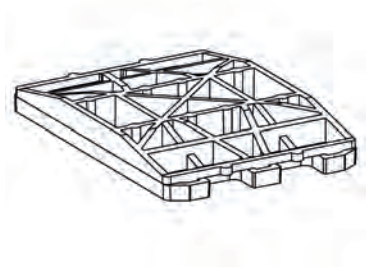
Link by clipping.

Sliding on the endplate : thus allowing mounting right or left.

REF.	BOX SIZE	DIMENSION D (CUTTING CHART)	PACK
K355B	260	65	70
K356B	280	65	70
K357B	300	65	70

TAIL EXTENSION

K352C2



Features

PP natural

Use

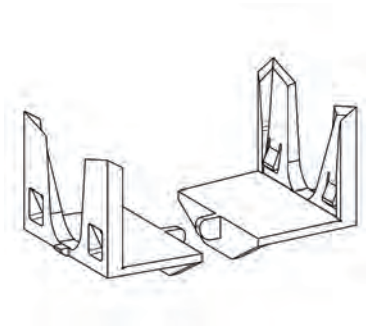
Mounts in grooves of the heel of the cheek :
hold by wedging.

Allows the fixing of the underside by screwing.

REF.	PACK
K352C2	140

VAULT LOCK COFFRELITE

K352C3



Features

PS shock

Use

Mounts on all types of Coffrelite' reversible
endplates : maintained by clipping.

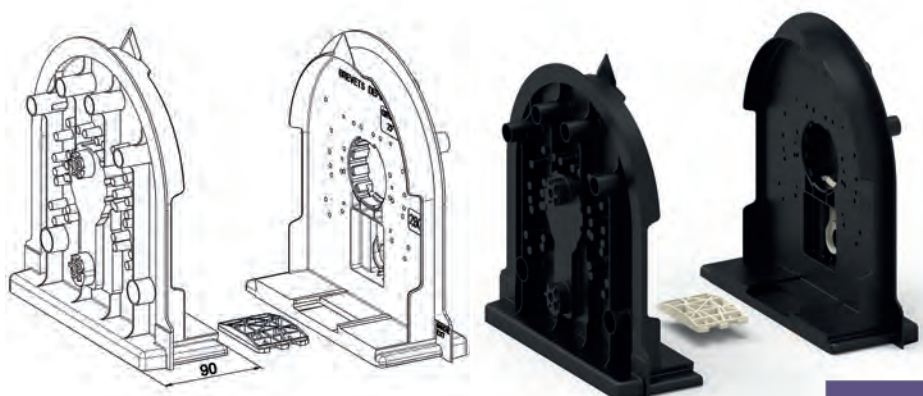
Ensures the mechanical connection of the
endplate on the box.

REF.	PACK
K352C3	140



MONOBLOC ENDPLATE

K358A



Features

PS shock
Delivered with tail extension of revision panel but not mounted

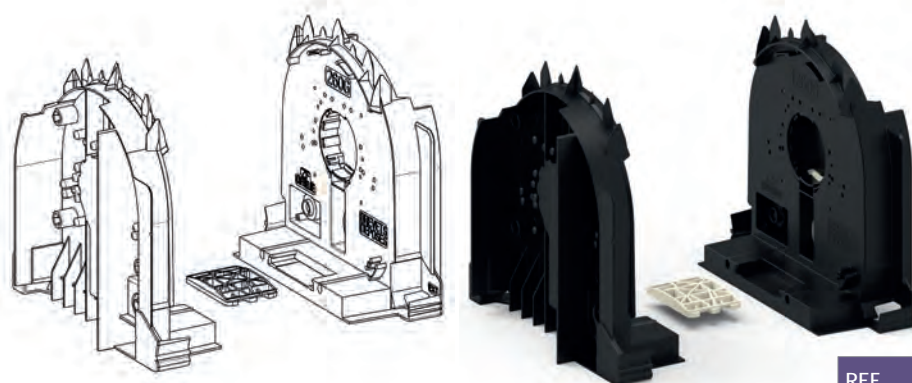
Use

Allows connection of the winding shaft by clippable sleeve : delivered locking bolt mounted on the endplate.
Mounts right or left.

REF.	BOX SIZE	TYPE	DIMENSION D (CUTTING CHART)	PACK
K358A	280	Left	62.5	200
K358B	280	Right	62.5	200
K359A	300	Left	62.5	200
K359B	300	Right	62.5	200

COFFRELITE EARTHQUAKE RESISTANT ENDPLATE

K355MA



Features

Endplate: PS shock black.
Underside: PP natural color.
Delivered with tail extension of revision panel but not mounted

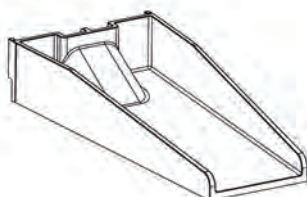
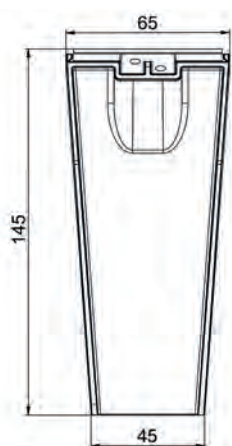
Use

Allows connection of the winding shaft by clippable sleeve : delivered locking bolt mounted on the endplate.
Mounts right or left.

REF.	BOX SIZE	TYPE	DIMENSION D (CUTTING CHART)	PACK
K355MA	260	Left	80.5	160
K355NA	260	Right	80.5	160
K356MA	280	Left	80.5	140
K356NA	280	Right	80.5	140
K357MA	300	Left	80.5	140
K357NA	300	Right	80.5	140

REINFORCEMENT BRACKET FOR REVISION PANEL

K352H



Features

PA + fiberglass

Use

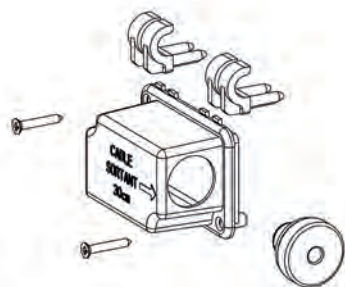
Allows to reinforce the revision panel of the tunnel box (in case of width > 1.80 M).
To be fixed on the bottom rail.

REF.	PACK
K352H	100



WATERPROOF MOTOR KIT

K352



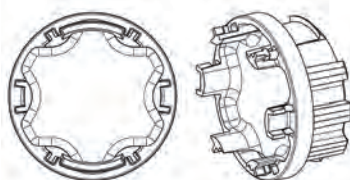
Features

Box and hooks: ABS
Sealing : neoprene
Set delivered in bag with the 2 fixing screws

REF.	PACK
K352	100

SOMFY MOTOR SLEEVE

K351C1



Features

PA

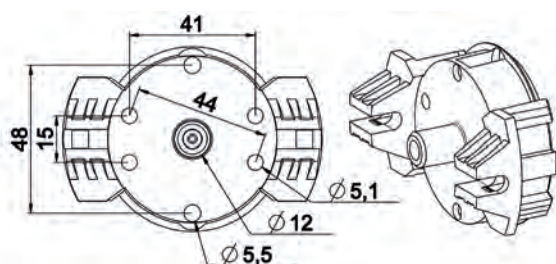
Use

For Somfy star head max. torque 40 Nm.
To be used with ring J54CA3

REF.	TYPE	TYPE	PACK
K351A	With mounted ring	For standard LT50 head	200
K351C1	Single sleeve	For standard LT50 head	200
K351AH	With mounted ring	For narrow LT50 head	200

SIMU MOTOR SLEEVE

K351C2



Features

PA

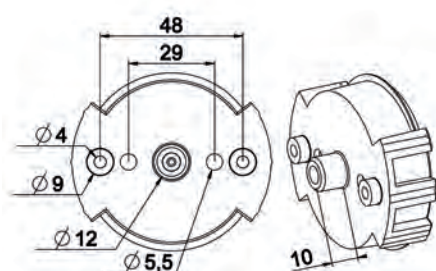
Use

Allows mounting of SIMU motors : T5 type spindle head.
Clamping on motor head.
Max. torque : 30 Nm.

REF.	PACK
K351C2	200

BECKER MOTOR SLEEVE

K351C4



Features

PA

Use

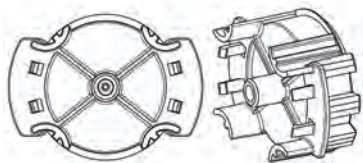
Allows the assembly of Becker motors :
Alloy on motor by screwing : model screw see motor
Max torque : 30 Nm.

REF.	PACK
K351C4	200



CHERUBINI MOTOR SLEEVE

K351C601



Features

PA

Use

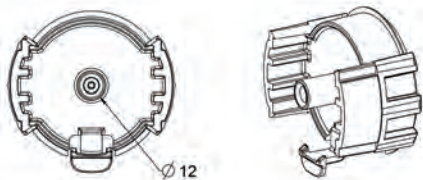
Allows mounting of Cherubini motors : clipping link.

Max torque : 25 Nm.

REF.	PACK
K351C601	200

DELTA DORE SLEEVE

K351C8



Features

PA

Use

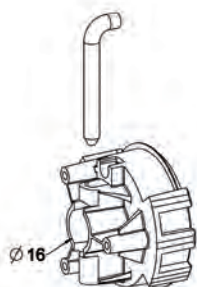
For Delta Dore motors - Clamping on motor head.

Max torque 30 Nm

REF.	PACK
K351C8	200

STD SLEEVE

K350C1



Features

Sleeve: PA black

Pin: galvanized steel

Use

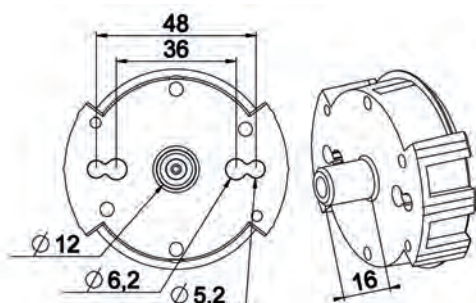
Allows the assembly of Ø 16 devices

The connection on the tube diameter 16 is provided by the bent pin.

REF.	TYPE	PACK
K350C1	Sleeve	200
K352E1	Pin	700
K350A	Sleeve + pin	200

SLEEVE WITH 12 MM PIN

K351C5



Features

PA

Use

Allows the assembly of Nice-Asa motors.

The sleeve is screwed on the motor : screwsb see motor

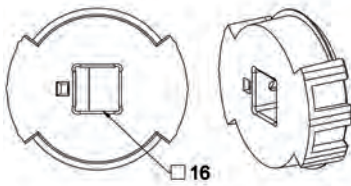
Maximum power : 25 Nm.

REF.	PACK
K351C5	200



SLEEVE WITH 16 MM SQUARE HOLE

K351C3



Features

PA

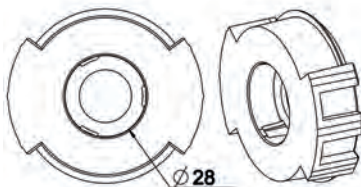
Use

Enables the mounting by clipping of motors Elero type: maximum power : 25 Nm.

REF.	PACK
K351C3	200

SLEEVE FOR BEARING BRACKET

K350C2



Features

PA

Use

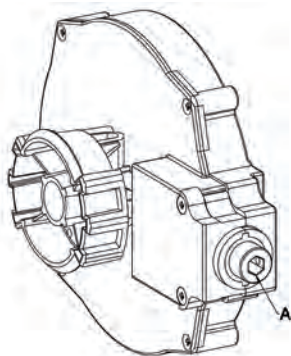
Allows mounting of ball bearings or sliding bearings with outside diameter 28 mm and thickness.

Max : 12 mm.

REF.	PACK
K350C2	200

COFFRELITE CONIPACT GEARBOX

K360A



Features

Carter: PA + fiberglass black.

Crown: PA natural shade.

Sprocket: POM

Brake mechanism: treated steel parts.

Use

Equipped with the sleeve for clipping in the enplates with exit orientation:

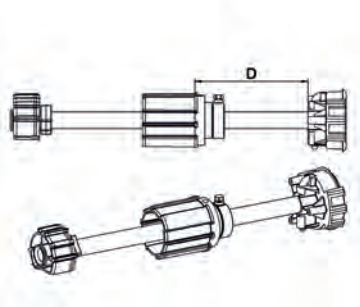
- either horizontal exit
- or so-called exit at 45°.

REF.	TYPE	A	PACK
K360A	Right	6 mm. hex.	25
K360B	Left	6 mm. hex.	25
K360C	No bottom limit	6 mm. hex.	25
K360D	Right	Square 8	25
K360F	No bottom limit	Square 8	25



COFFRELITE ADJUSTABLE DUMMY END ZF54

K361B



Features

Black-tinted PA
Axle: steel tube Ø 16 galvanized

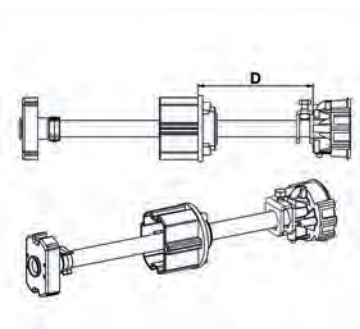
Use

Mounted on the opposite side handling.
Equipped with a POM ring with screw for axial locking at the desired dimension.

REF.	TYPE	D MAX	WEIGHT	PACK
K361B	Tube L = 320	100	40 kg	25
K361E	Tube L = 220	60	34 kg	25

COFFRELITE ADJUSTABLE DUMMY END ZF64

K361A



Features

PA tinted black .
Shaft: steel tube Ø 16 galvanized

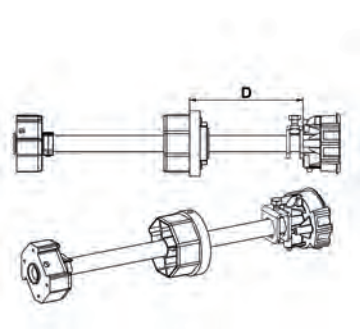
Use

Mounted on the opposite side handling.
Equipped with a galvanized steel bracket with M6 screws for axial locking at the desired dimension.

REF.	TYPE	D MAX	WEIGHT	PACK
K361A	Tube L = 320	100	40 kg	25
K361C	Tube L = 220	60	34 kg	25

COFFRELITE ADJUSTABLE DUMMY END OCTO 60

K361D



Features

PA tinted black .
Shaft: steel tube Ø 16 galvanized

Use

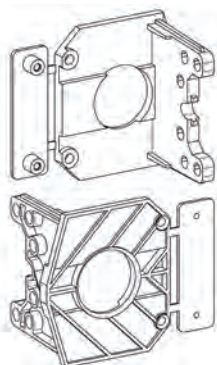
Mounted on the opposite side handling.
Equipped with a galvanized steel bracket with TH M6 screws for axial locking at the desired dimension.

REF.	TYPE	D MAX	WEIGHT	PACK
K361D	Tube L = 320	100	40 kg	25
K361G	Tube L = 220	60	34 kg	25



EXTERNAL STANDARD BRACKET

K352C5



Features

PS shock

Use

Allows for a cardan joint mounting. To screw on the endplate and the tunnel box.

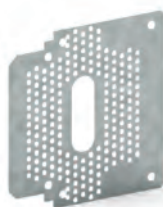
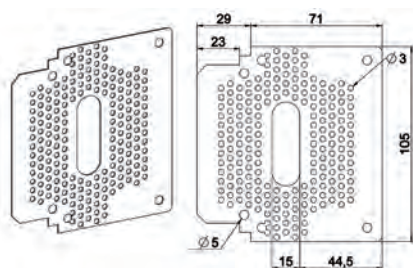
Maintenance:

- on endplate : 2 TC screws Ø 3.5 long . 9.5 Ref. 4261.
- on housing: 2 screws TF Ø 3.9 x 50.

REF.	PACK
K352C5	200

EXTERNAL REINFORCEMENT BRACKET

K353



Features

Galvanized steel thickness 0.8 mm.
Holes : Ø 3.

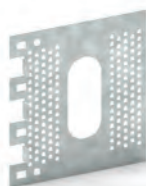
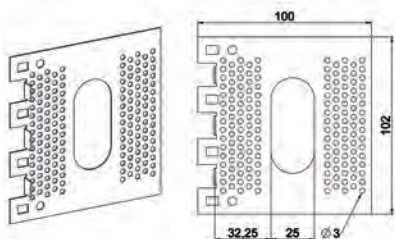
Use

Fastened to the tunnel box and makes it possible to reinforce the box outlet fixation. With its thickness being low : no disturbance to the installation of the insulation. Fixation by 2 screws Ø 5 max.

REF.	PACK
K353	100

EXTERNAL REINFORCEMENT BRACKET (PARASEISMIC)

K353A



Features

Galvanized steel thickness 0.8 mm.
Holes : Ø 3

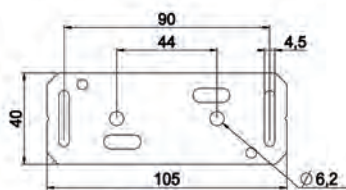
Use

To be screwed onto the tunnel box in order to reinforce it for fixing the cardan joint. Low thickness to facilitate the installation of the insulation.

REF.	PACK
K353A	200

SPINDLE BRACKET PLATE

K352A7



Features

Galvanized steel thickness 2 mm.

Use

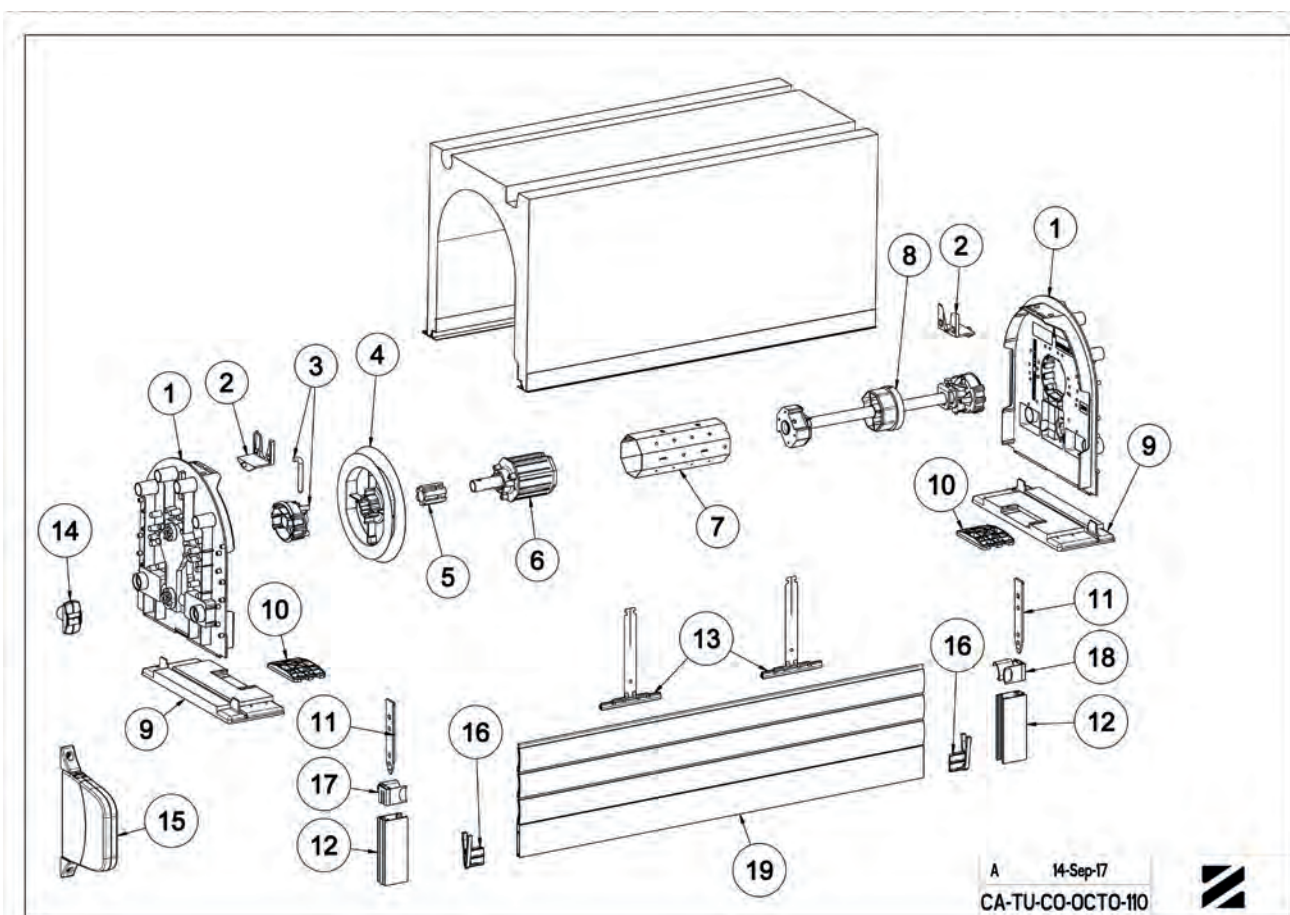
Allows the mounting of the spindle bracket for connection to the box axle without the use of a sleeve.

REF.	PACK
K352A7	100



CA-TU-CO-110 - ASSEMBLY COFFRELITE TUNNEL BOX - 14 MM STRAP FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	2	K355	ENDPLATE FOR TUNNEL BOX - COFFRELITE
OR	OR	OR	
1	2	K356	ENDPLATE FOR TUNNEL BOX - COFFRELITE
OR	OR	OR	
1	2	K357	ENDPLATE FOR TUNNEL BOX - COFFRELITE
2	2	K352C3	VAULT LOCK
3	1	K350A	STD SLEEVE
4	1	G135A	PULLEY WITH CLAW COUPLING Ø 170
5	1	C604	DRIVE HUB 16MM HOLE
6	1	A454	CAP FOR 60 MM OCTAGONAL TUBE CLAW COUPLING + TUBE D16 L=90
7	-	---	60 mm OCTAGONAL TUBE
8	1	K361D	ADJUSTABLE DUMMY END L320 MMFOR OCTOGONAL TUBE 60MM
9	2	K355B	ENDCAP TAIL
OR	OR	OR	
9	2	K356B	ENDCAP TAIL
OR	OR	OR	
9	2	K357B	ENDPLATE TAIL
10	2	K352C2	BRACKET
11	2	B732E	ENTRY GUIDE BRACKET
12	-	--	GUIDE RAILS
13	2 MINI	H880B	FIXING SPRING TO CLIP L150 GREY 8 MM SLAT
OR	OR	OR	
13	2 MINI	H882B	FIXING SPRING TO CLIP L180 GREY 9,5 MM SLAT
14	1	G217	STRAP GUIDE WHITE
15	1	G570	STRAP COILER OPEN UP WITHOUT STRAP WHITE
16	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
17	1	B734C6	TRADI EXPRESS ENTRY GUIDE
18	1	B734C5	TRADI EXPRESS ENTRY GUIDE
19	-	-	SHUTTER



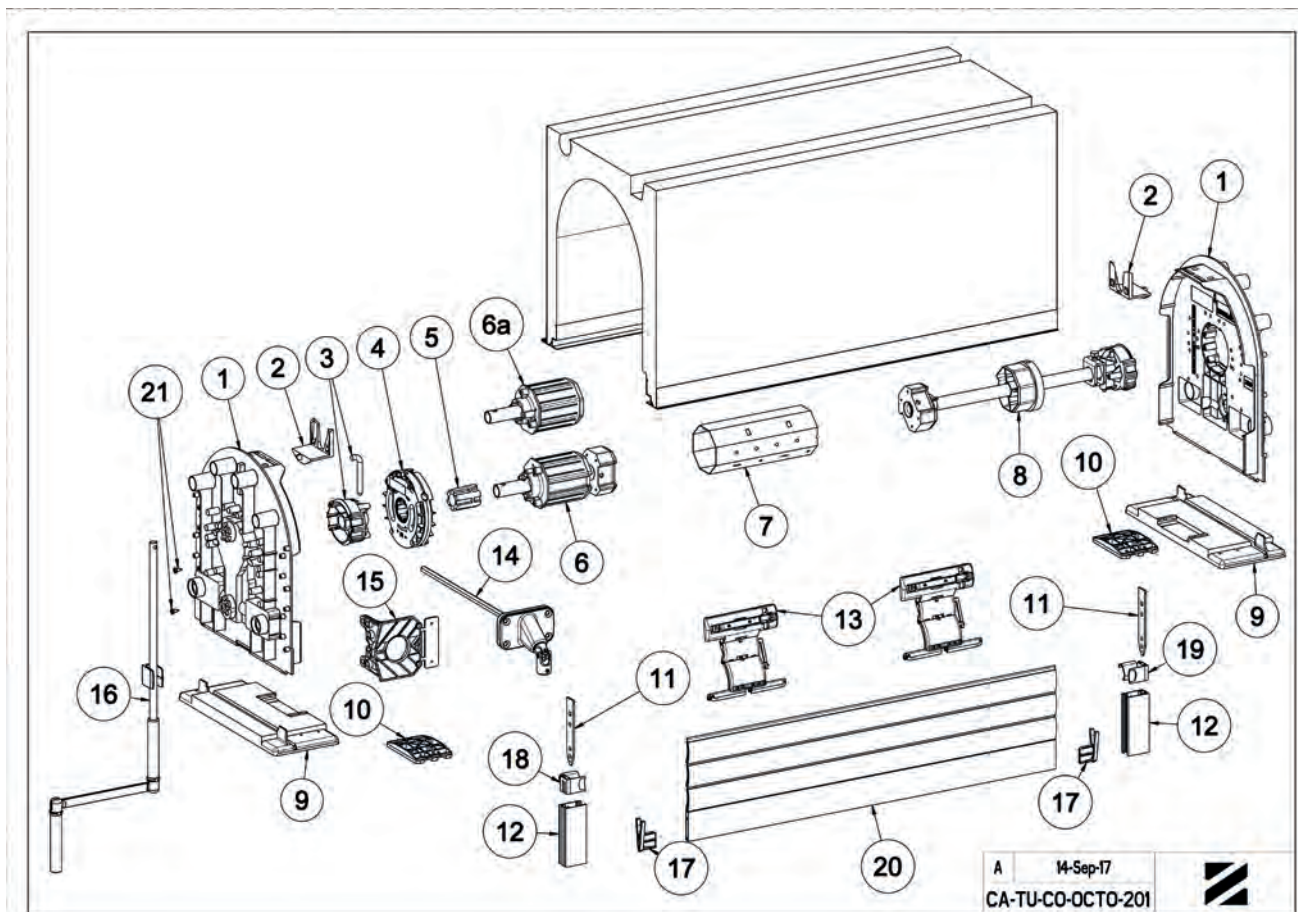
A 14-Sep-17
CA-TU-CO-OCTO-110





CA-TU-CO-201 - ASSEMBLY COFFRELITE TUNNEL BOX - TECHNIVIS GEARBOX FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	2	K355	ENDPLATE FOR TUNNEL BOX - COFFRELITE
OR	OR	OR	
1	2	K356	ENDPLATE FOR TUNNEL BOX - COFFRELITE
OR	OR	OR	
1	2	K357	ENDPLATE FOR TUNNEL BOX - COFFRELITE
2	2	K352C3	LOCKING BRACKET
3	1	K350A	STD SLEEVE
4	1	C370	TECHNIVIS GEARBOX
5	1	C604	DRIVE HUB 16MM HOLE
6	1	A458	DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING
7	-	----	60 mm OCTAGONAL TUBE
8	1	K361D	ADJUSTABLE DUMMY END L320 MMFOR OCTOGONAL TUBE 60MM
9	2	K355B	ENDPLATE TAIL
OR	OR	OR	
9	2	K356B	ENDPLATE TAIL
OR	OR	OR	
9	2	K357B	ENDPLATE TAIL
10	2	K352C2	SUPPORT
11	2	B732E	ENTRY GUIDE BRACKET
12	-	--	GUIDE RAIL
13	2 MINI	H894A	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
13	2 MINI	H894B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
13	2 MINI	H894A+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
13	2 MINI	H894B+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
13	2 MINI	H890A	OCTOCLICK 1 ELEMENT
13	2 MINI	H890C	OCTOCLICK 2 ELEMENTS
13	2 MINI	H890E	OCTOCLICK 3 ELEMENTS
14	1	SÉRIE D591	CARDAN JOINT 90 ° LARGE PLATE
15	1	K352C5	BRACKET
16	1	SÉRIE E6XX	CRANK HANDLE
17	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
17	2	SÉRIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
18	1	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
18	1	B734C8	TRADI EXPRESS ENTRY GUIDE
19	1	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
19	1	B734C7	TRADI EXPRESS ENTRY GUIDE
20	-	-	SHUTTER
21	2	4261	SCREW
6A	1	A454	OPTION : MARK 6A REPLACES MARK 6 : IF SHUTTER WEIGHT IS LESS THAN 16 KG. CAP FOR 60 MM OCTAGONAL TUBE CLAW COUPLING + TUBE D16 L=90



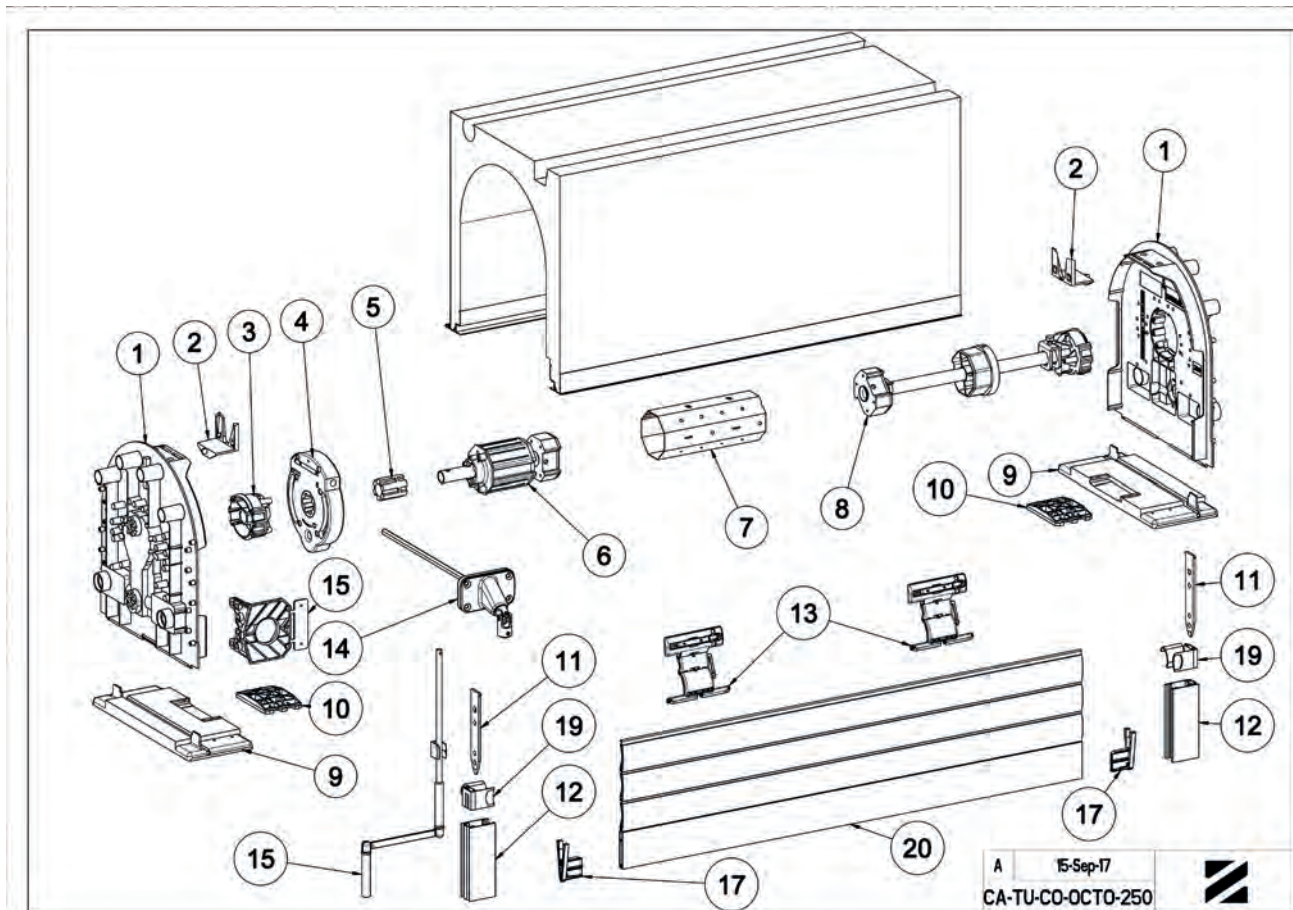
A 14-Sep-17
CA-TU-CO-OCTO-201





CA-TU-CO-250 - ASSEMBLY COFFRELITE TUNNEL BOX - GEARBOX7:1 WITH CLUTCH SYSTEM FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	2	K355	ENDPLATE FOR TUNNEL BOX - COFFRELITE
OR	OR	OR	
1	1	K356	ENDPLATE FOR TUNNEL BOX - COFFRELITE
OR	OR	OR	
1	1	K357	ENDPLATE FOR TUNNEL BOX - COFFRELITE
2	2	K352C3	LOCKING BRACKET
3	1	K350A	STD SLEEVE
4	1	C191C	GEARBOX
5	1	C604	DRIVE HUB 16MM HOLE
6	1	A458	DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING
7	-	-	60 MM OCTAGONAL TUBE
8	1	K361D	ADJUSTABLE DUMMY END L320 MMFOR OCTOGONAL TUBE 60MM
9	2	K355B	ENDPLATE TAIL BEAD
OR	OR	OR	
9	1	K356B	ENDPLATE TAIL BEAD
OR	OR	OR	
9	1	K357B	ENDPLATE TAIL BEAD
10	2	K352C2	SUPPORT
11	2	B732E	ENTRY GUIDE BRACKET
12	-	-	GUIDE RAILS
13	2 MINI	H894A	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
13	2 MINI	H894B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
13	2 MINI	H894A+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
13	2 MINI	H894B+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
13	2 MINI	H890A	OCTOCLICK 1 ELEMENT
13	2 MINI	H890C	OCTOCLICK 2 ELEMENTS
13	2 MINI	H890E	OCTOCLICK 3 ELEMENTS
14	1	SÉRIE D591	CARDAN JOINT 90 ° LARGE PLATE
15	1	K352C5	BRACKET
16	1	SÉRIE E6XX	CRANK HANDLE
17	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
17	2	SÉRIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
18	1	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
18	1	B734C8	TRADI EXPRESS ENTRY GUIDE
19	1	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
19	1	B734C7	TRADI EXPRESS ENTRY GUIDE
20	-	-	SHUTTER



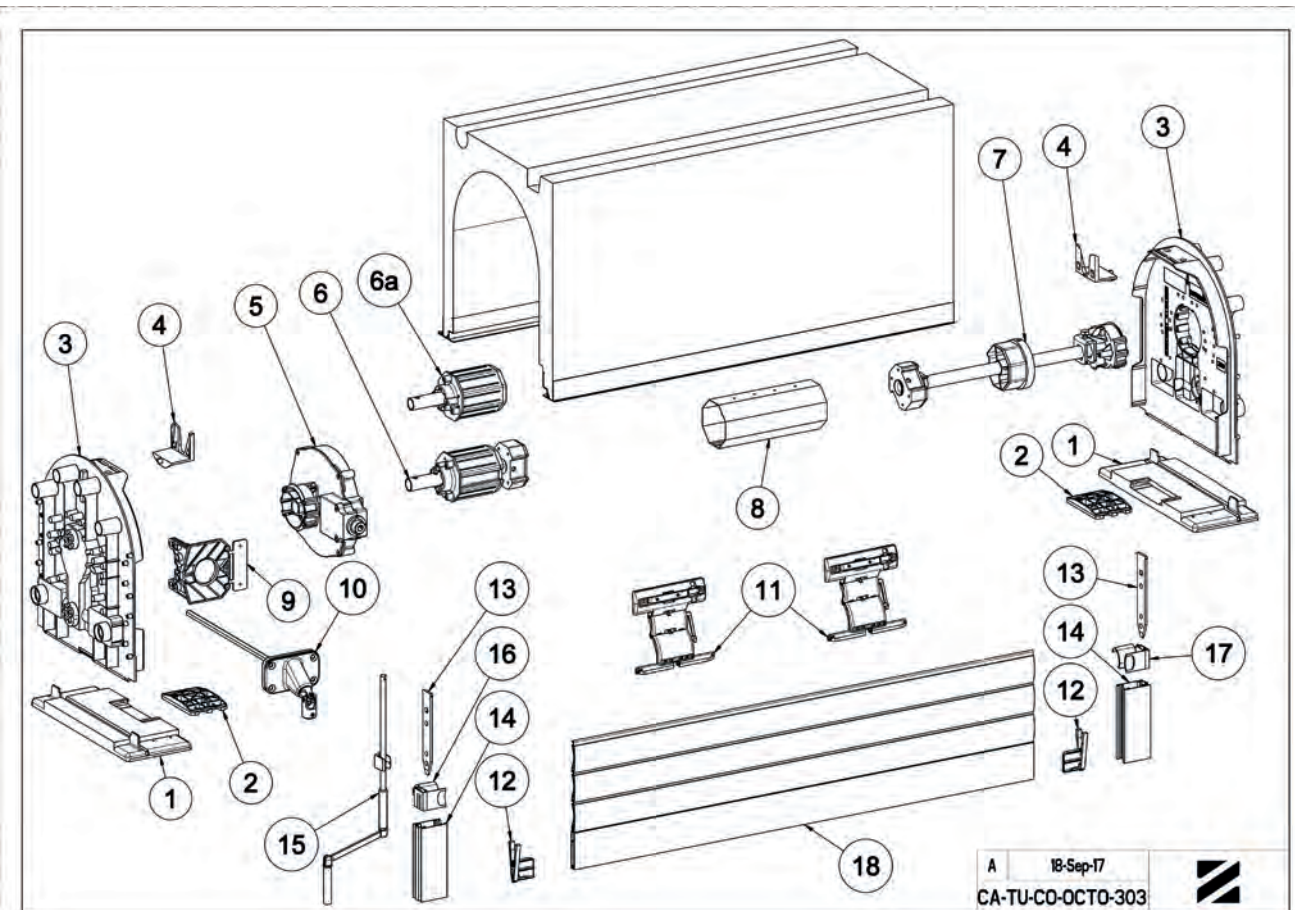
A 15-Sep-17
CA-TU-CO-OCTO-250





CA-TU-CO-303 - ASSEMBLY COFFRELITE TUNNEL BOX - CONIPACT GEARBOX FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	2	K355B	ENDPLATE BEAD
OR	OR	OR	
1	2	K356B	ENDPLATE BEAD
OR	OR	OR	
1	2	K357B	ENDPLATE BEAD
2	2	K352C2	SUPPORT
3	2	K355	ENDPLATE FOR TUNNEL BOX - COFFRELITE
OR	OR	OR	
3	2	K356	ENDPLATE FOR TUNNEL BOX - COFFRELITE
OR	OR	OR	
3	2	K357	ENDPLATE FOR TUNNEL BOX - COFFRELITE
4	2	K352C3	LOCKING BRACKET
5	1	K360A	CONIPACT GEARBOX
6	1	A454	CAP FOR 60 MM OCTAGONAL TUBE CLAW COUPLING + TUBE D16 L=90
7	1	K361D	ADJUSTABLE DUMMY END L320 MM FOR OCTAGONAL TUBE 60MM
8	-	----	60 MM OCTAGONAL TUBE
9	1	K352C5	BRACKET
10	1	SÉRIE D591	CARDAN JOINT 90 ° LARGE PLATE
11	2 MINI	H894A	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
11	2 MINI	H894B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
11	2 MINI	H894A+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
11	2 MINI	H894B+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
11	2 MINI	H890A	OCTOCLICK 1 ELEMENT
11	2 MINI	H890C	OCTOCLICK 2 ELEMENTS
11	2 MINI	H890E	OCTOCLICK 3 ELEMENTS
12	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
12	2	SÉRIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
13	2	B732E	ENTRY GUIDE BRACKET
14	-	--	GUIDE RAILS
15	1	SÉRIE E6XX	CRANK HANDLE
16	1	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
16	1	B734C8	TRADI EXPRESS ENTRY GUIDE
17	1	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
17	1	B734C7	TRADI EXPRESS ENTRY GUIDE
18	-	-	SHUTTER
6A	1	A458	OPTION : MARK 6A REPLACES MARK 6 : IF SHUTTER WEIGHT IS LESS THAN 16 KG. DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING

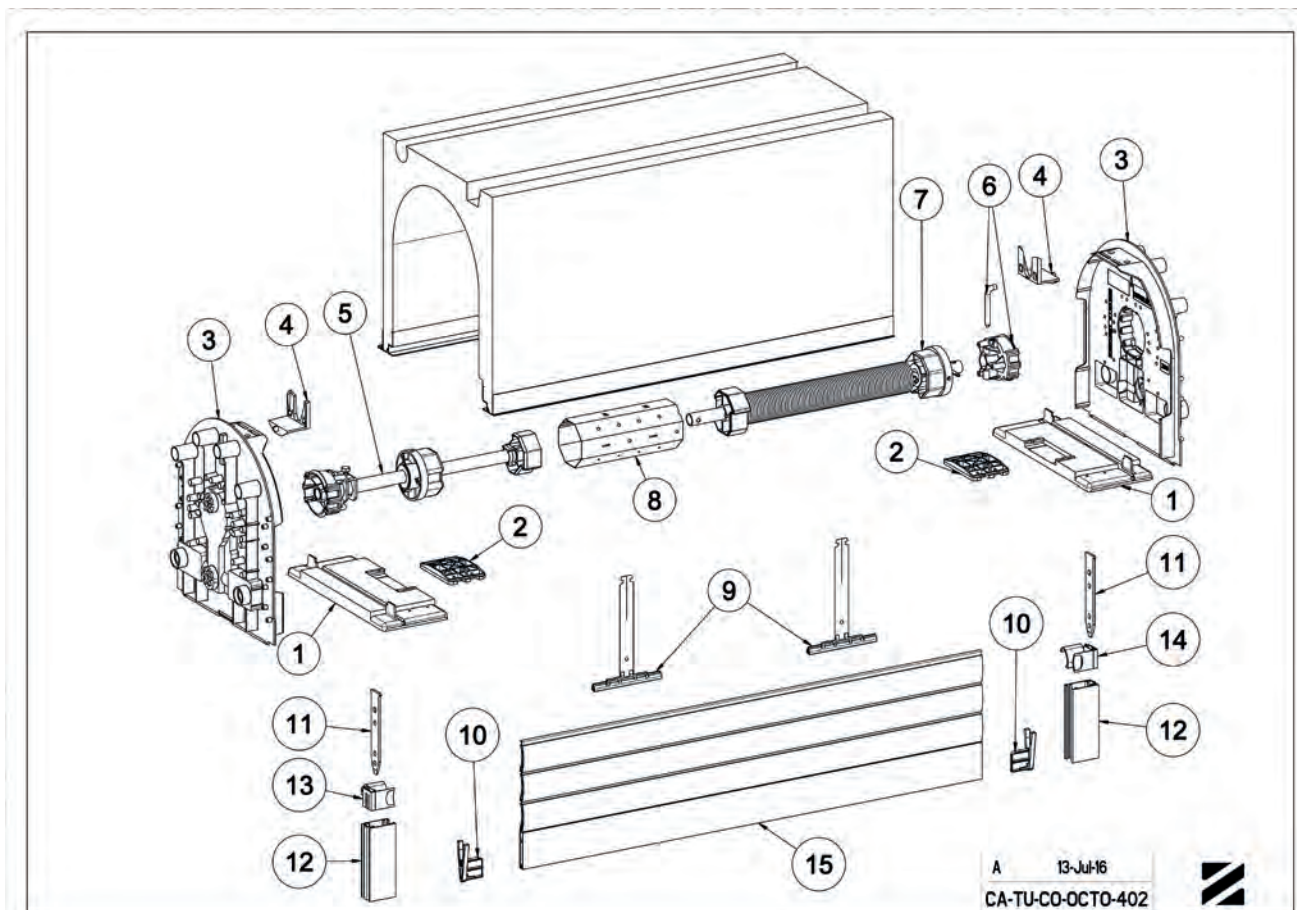


A 18-Sep-17
CA-TU-CO-OCTO-303



CA-TU-CO-402 - ASSEMBLY COFFRELITE TUNNEL BOX - DIRECT PULL FOR 60 MM OCTAGONAL TUBE

Mark	Qty	Reference	Description
1	2	K355B	ENDPLATE TAIL
or	or	or	
1	2	K356B	ENDPLATE TAIL
or	or	or	
1	2	K357B	ENDPLATE TAIL
2	2	K352C2	BRACKET
3	2	K355	ENDPLATE FOR TUNNEL BOX - Coffrelite
or	or	or	
3	2	K356	ENDPLATE FOR TUNNEL BOX - Coffrelite
or	or	or	
3	2	K357	ENDPLATE FOR TUNNEL BOX - Coffrelite
4	2	K352C3	LOCKING BRACKET
5	1	K361D	ADJUSTABLE DUMMY END L320 MMFOR OCTOGONAL TUBE 60MM
6	1	K350A	STD SLEEVE
7	1	A866	SPRING LEFT FOR 60 MM OCTAGONAL TUBE DIRECT PULL
8	-	----	60 mm OCTAGONAL TUBE
9	2 Mini	H882B	FIXING SPRING TO CLIP L180 GREY 9,5 MM SLAT
10	2	Série H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
11	2	B732E	ENTRY GUIDE BRACKET
12	-	--	GUIDE RAILS
13	1	B734C6	TRADI EXPRESS ENTRY GUIDE
14	1	B734C5	TRADI EXPRESS ENTRY GUIDE
15	-	-	SHUTTER



A 13-Jul-16
CA-TU-CO-OCTO-402

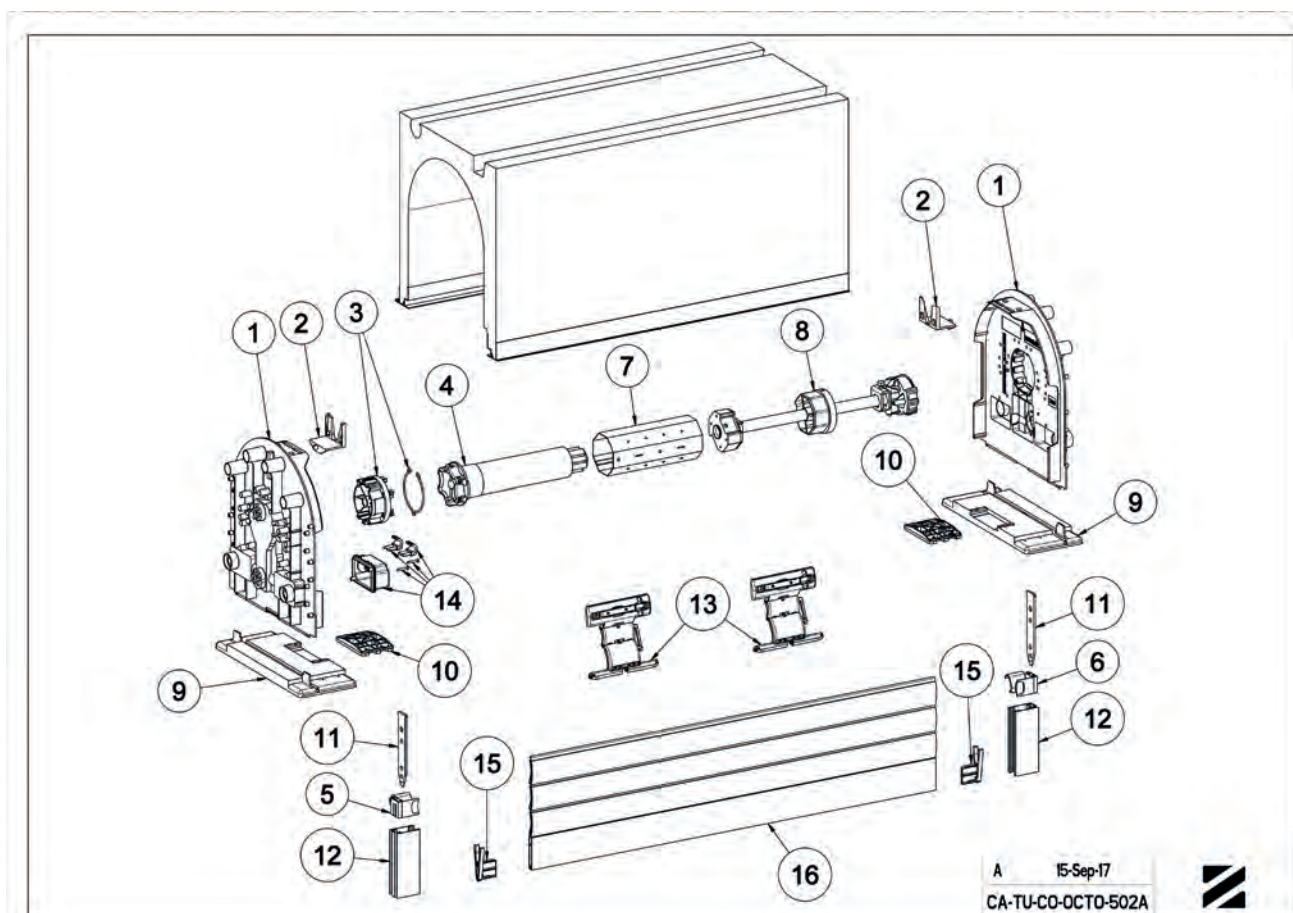




CA-TU-CO-502A - ASSEMBLY COFFRELITE TUNNEL BOX - SOMFY MOTOR FOR 60 MM OCTAGONAL TUBE



MARK	QTY	REFERENCE	DESCRIPTION
1	2	K355	ENDPLATE FOR TUNNEL BOX - COFFRELITE
OR	OR	OR	
1	2	K356	ENDPLATE FOR TUNNEL BOX - COFFRELITE
OR	OR	OR	
1	2	K357	ENDPLATE FOR TUNNEL BOX - COFFRELITE
2	2	K352C3	LOCKING BRACKET
3	1	K351A	SOMFY MOTOR SLEEVE
4	1	..	MOTOR SOMFY LT50
5	1	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
5	1	B734C8	TRADI EXPRESS ENTRY GUIDE
6	1	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
6	1	B734C7	TRADI EXPRESS ENTRY GUIDE
7	-	----	60 MM OCTAGONAL TUBE
8	1	K361D	ADJUSTABLE DUMMY END L320 MM FOR OCTOGONAL TUBE 60MM
9	2	K355A	ENDPLATE TAIL
OR	OR	OR	
9	2	K356A	ENDPLATE TAIL
OR	OR	OR	
9	2	K357A	ENDPLATE TAIL
10	2	K352C2	SUPPORT
11	2	B732E	ENTRY GUIDE BRACKET
12	-	--	GUIDE RAILS
13	2 MINI	H894A	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
13	2 MINI	H894B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
13	2 MINI	H894A+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
13	2 MINI	H894B+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
13	2 MINI	H890A	OCTOCLICK 1 ELEMENT
13	2 MINI	H890C	OCTOCLICK 2 ELEMENTS
13	2 MINI	H890E	OCTOCLICK 3 ELEMENTS
14	1	K352	WATERPROOF MOTOR KIT
15	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
15	2	SÉRIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
16	-	-	SHUTTER



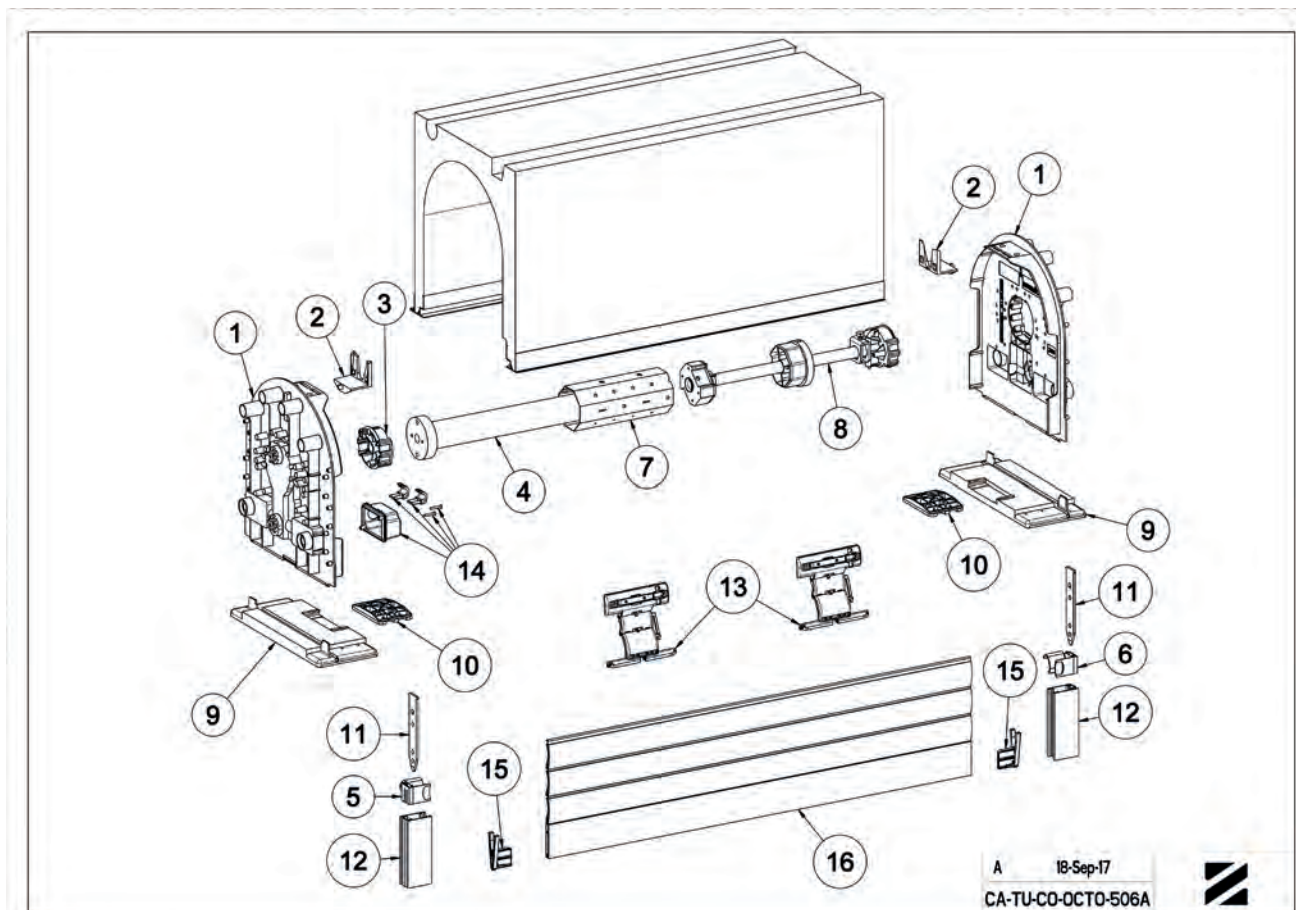
A 15-Sep-17
CA-TU-CO-OCTO-502A





CA-TU-CO-506A - ASSEMBLY COFFRELITE TUNNEL BOX - UNIVERSAL MOTOR FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	2	K355	ENDPLATE FOR TUNNEL BOX - COFFRELITE
OR	OR	OR	
1	2	K356	ENDPLATE FOR TUNNEL BOX - COFFRELITE
OR	OR	OR	
1	2	K357	ENDPLATE FOR TUNNEL BOX - COFFRELITE
2	2	K352C3	LOCKING SUPPORT
3	1	K351C5	SLEEVE WITH PIN Ø 12
4	1	.....	UNIVERSAL MOTOR
5	1	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
5	1	B734C8	TRADI EXPRESS ENTRY GUIDE
6	1	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
6	1	B734C7	TRADI EXPRESS ENTRY GUIDE
7	-	----	60 MM OCTAGONAL TUBE
8	1	K361D	ADJUSTABLE DUMMY END L320 MMFOR OCTOGONAL TUBE 60MM
9	2	K355A	ENDPLATE TAIL
OR	OR	OR	
9	2	K356A	ENDPLATE TAIL
OR	OR	OR	
9	2	K357A	ENDPLATE TAIL
10	2	K352C2	BRACKET
11	2	B732E	ENTRY GUIDE BRACKET
12	-	--	GUIDE RAILS
13	2 MINI	H894A	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
13	2 MINI	H894B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
13	2 MINI	H894A+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
13	2 MINI	H894B+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
13	2 MINI	H890A	OCTOCLICK 1 ELEMENT
13	2 MINI	H890C	OCTOCLICK 2 ELEMENTS
13	2 MINI	H890E	OCTOCLICK 3 ELEMENTS
14	1	K352	WATERPROOF MOTOR KIT
15	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
15	2	SÉRIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
16	-	-	SHUTTER



A 18-Sep-17
CA-TU-CO-OCTO-506A

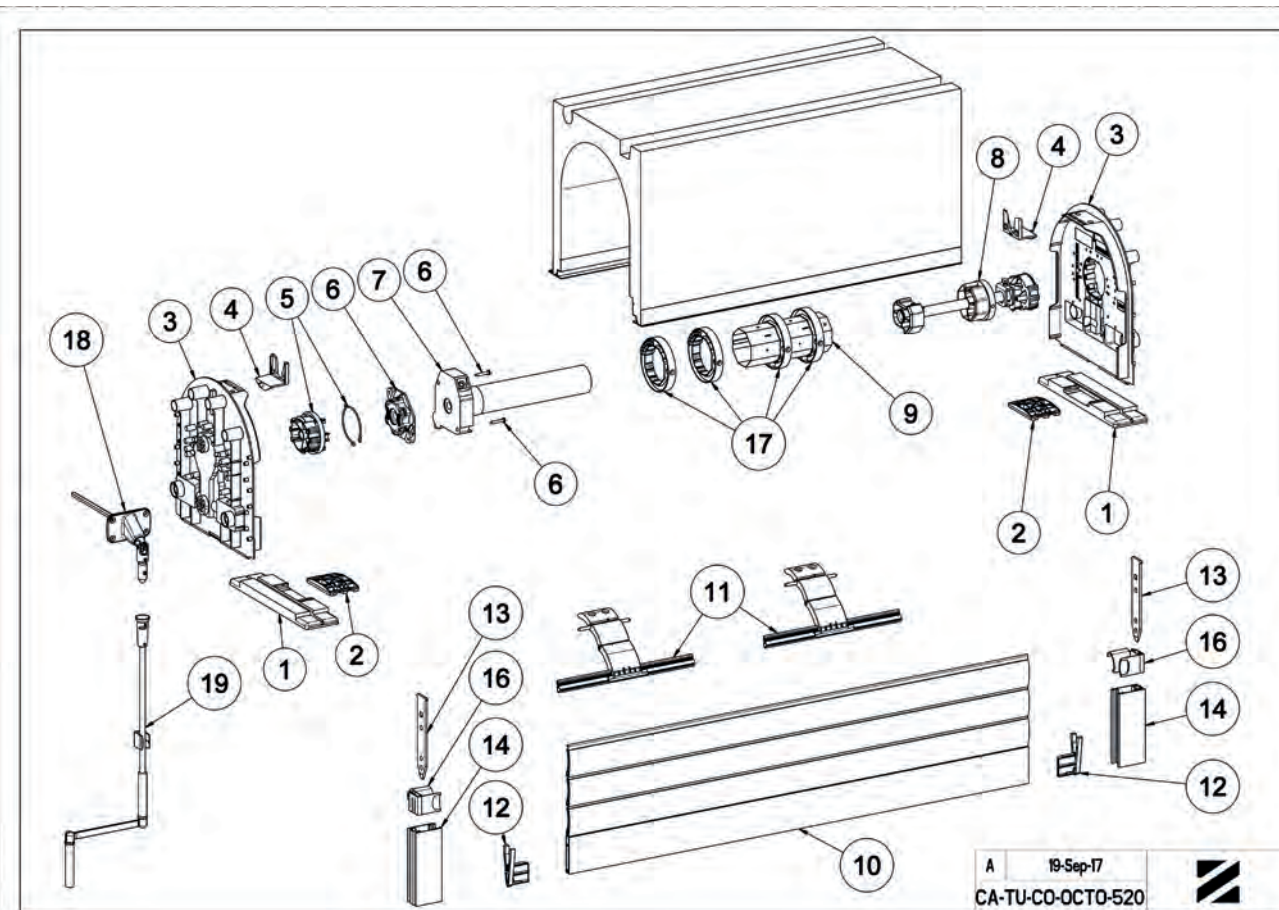




CA-TU-CO-520 - ASSEMBLY COFFRELITE TUNNEL BOX - SOMFY MOTOR WITH MANUAL OVERRIDE FOR 60 MM OCTAGONAL TUBE



MARK	QTY	REFERENCE	DESCRIPTION
1	2	K355B	ENDPLATE TAIL
OR	OR	OR	
1	2	K356B	ENDPLATE TAIL
OR	OR	OR	
1	2	K357B	ENDPLATE TAIL
2	2	K352C2	BRACKET
3	2	K355	ENDPLATE FOR TUNNEL BOX - COFFRELITE
OR	OR	OR	
3	2	K356	ENDPLATE FOR TUNNEL BOX - COFFRELITE
OR	OR	OR	
3	2	K357	ENDPLATE FOR TUNNEL BOX - COFFRELITE
4	2	K352C3	LOCKING BRACKET
5	1	K351A	SOMFY MOTOR SLEEVE
6	1	□□	MOTOR BRACKET
7	1	.	MOTOR CSI
8	1	K361G	ADJUSTABLE TANDEM L220 MM FOR OCTOGONAL TUBE 60MM
9	-	---	60 MM OCTAGONAL TUBE
10	-	-	SHUTTER
11	2 MINI	H818	BLOCKSUR AUTOLOCK 2 ELEMENTS 14 MM SLAT
OR	OR	OR	
11	2 MINI	H819	BLOCKSUR AUTOLOCK 3 ELEMENTS 14 MM SLAT
OR	OR	OR	
11	2 MINI	H844	BLOCKSUR AUTOLOCK 2 ELEMENTS 8 MM SLAT
OR	OR	OR	
11	2 MINI	H845	BLOCKSUR AUTOLOCK 3 ELEMENTS 8 MM SLAT
12	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
12	2	SÉRIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
13	2	B732E	ENTRY GUIDE BRACKET
14	-	--	GUIDE RAILS
15	1	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
15	1	B734C8	TRADI EXPRESS ENTRY GUIDE
16	1	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
16	1	B734C7	TRADI EXPRESS ENTRY GUIDE
17	4 MINI	H823	RING Ø 88 MM
18	1	D592EBL	DOUBLE CARDAN JOINT HEXAGONAL 7 MM L.585 MM FOR FUNNEL WHITE
19	1	SÉRIE E5XX	REMOBABLE CRANK HANDLE

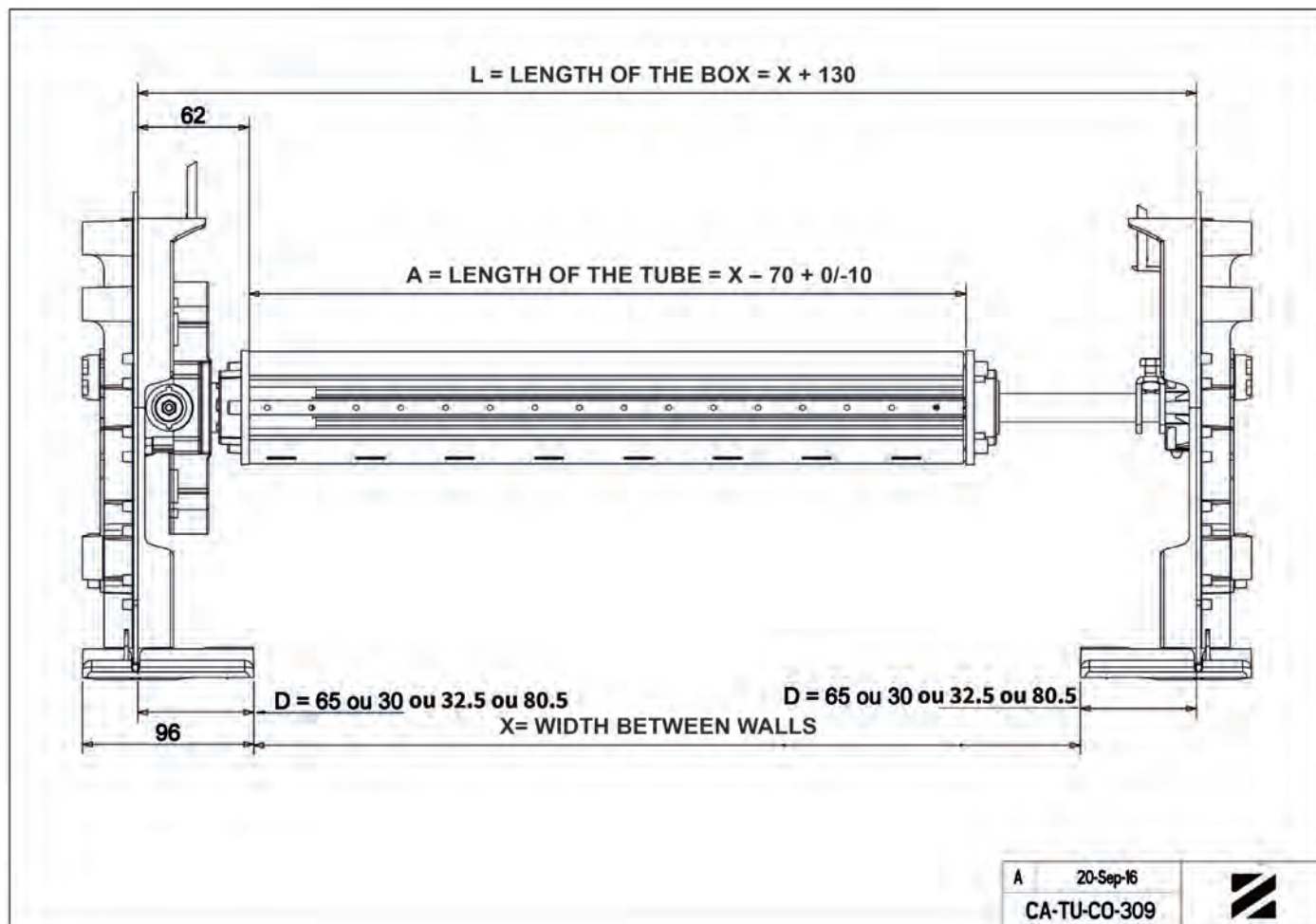


A 19-Sep-17
CA-TU-CO-OCTO-520

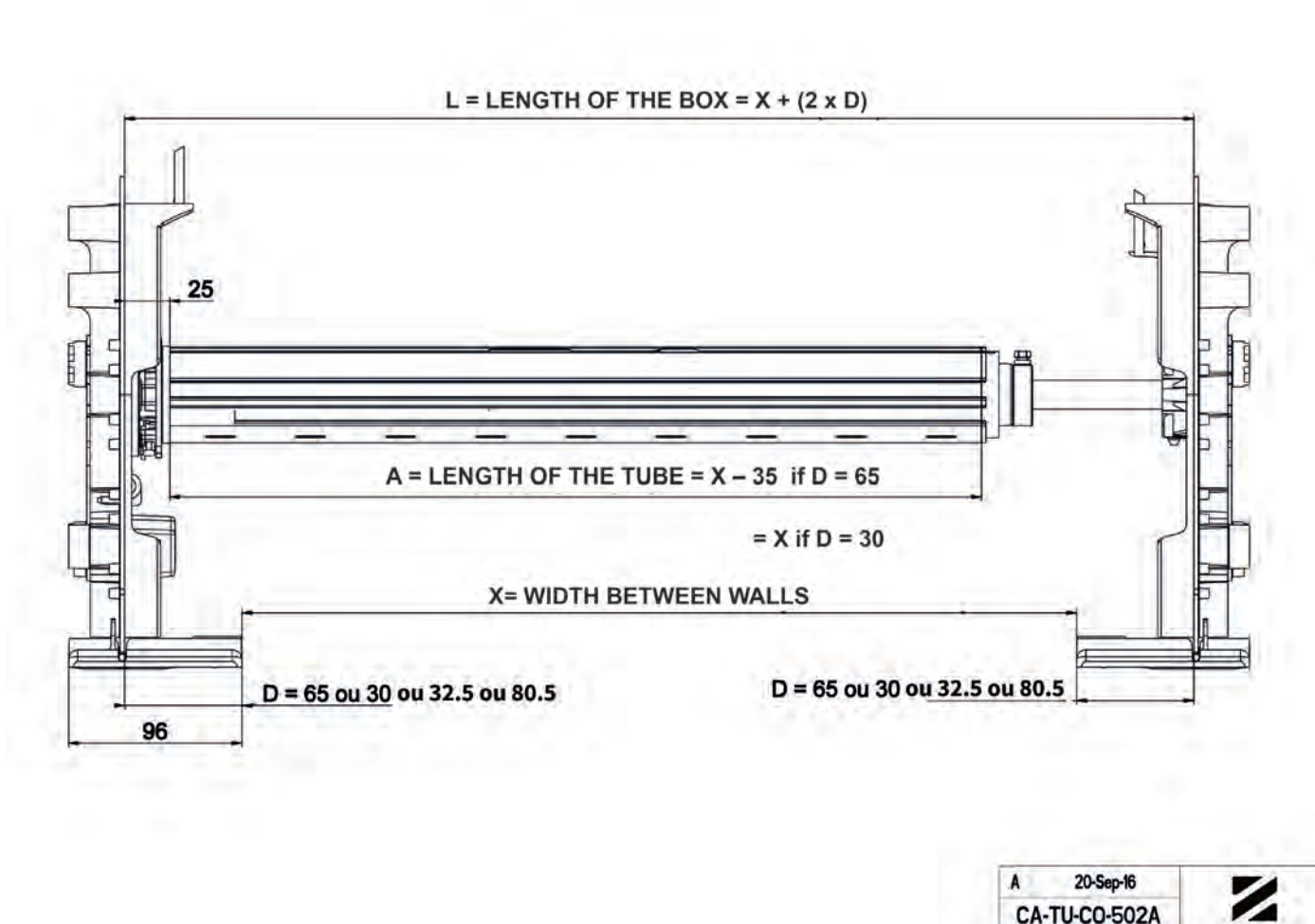




CA-TU-CO-309 - CUTTING CHART



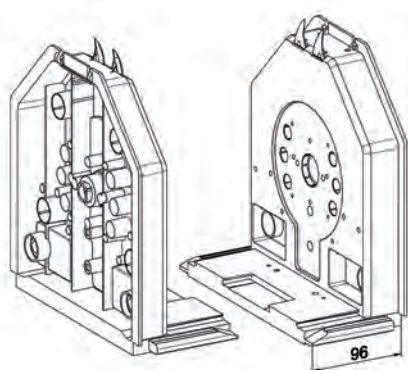
CA-TU-CO-502A - CUTTING CHART





EDILCASS ENDPLATE

K371



Features

- Console: PS shock - black tinted.
- Vault tooth: PS hite
- Lock on the aluminium rails by :
 - Deformation of the end of the rail (see assembly instructions)
 - Punching of the rail
 - Screwing or nailing
- Locking in the PS with moving part (arch tooth)

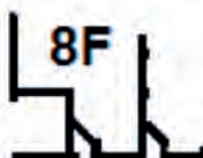
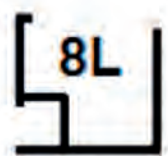
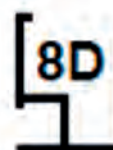
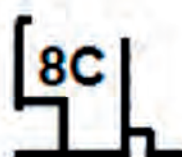
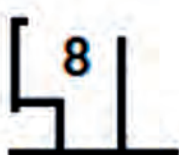
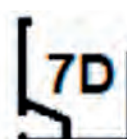
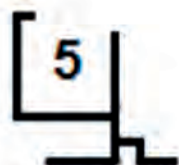
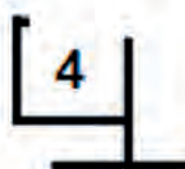
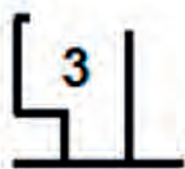
Use

- Allows mounting of the D. 28 bearing at the bottom of the endplate.
- Allows the fitting of various brackets for the bracket of handlings and opposite shaft handling.
- Allows the fixing of waterproof case for the motor connections.
- Enables the clipping of jumpers to hold the power cable.

REF.	BOX SIZE	PACK.
K371	250	260
K372	280	200
K373	300	180

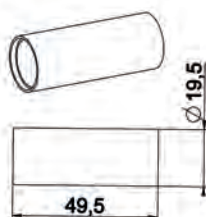


VARIOUS FORMS OF ALUMINIUM BOTTOM RAILS



SPACER

A252C3



Features

PA + 13% fiberglass black

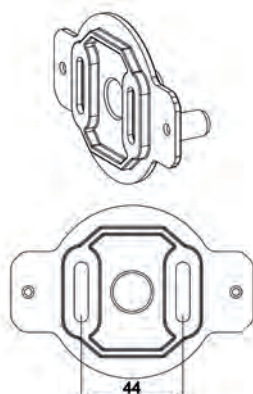
Use

Mounted through clamping on pins D. 19 on the back of the endcap : 2 at each end of the tunnel box.

REF.	PACK.
A252C3	100

PAD BRACKET

K370C4



Features

PA + 13% fiberglass black .

Use

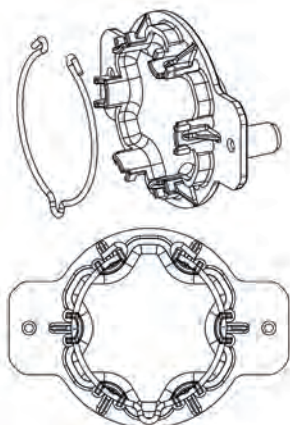
For fixing the spindle bearing with 2 screws M6 x 16 : possibility of adjustment in height on 20 mm (more or less 10 mm).

REF.	PACK.
K370C4	100



SOMFY BRACKET PLATE

K370B



Features

PA + 13% fiberglass

Use

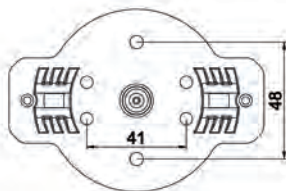
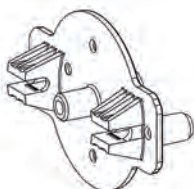
Supplied with Somfy flat ring for motor maintenance.

Compatible with max torque 35 Nm.

REF.	PACK.
K370B	250

MOTOR BRACKET SIMU

K370C6



Features

PA + 13% fiberglass black .

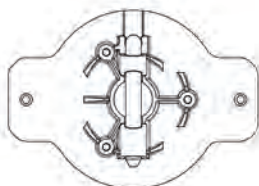
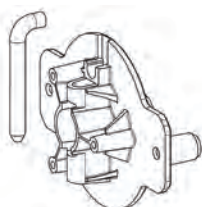
Use

For spindle motors by clipping
Max torque 30 Nm.

REF.	PACK.
K370C6	250

DUMMY END BRACKET

K370A



Features

Bracket : PA black .

Pin : Galvanized steel.

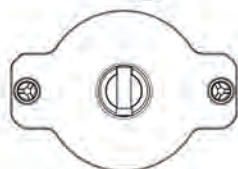
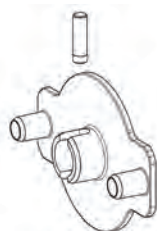
Use

Mounted on all standard pinblocks for a quick assembly through fitting into the endcap.

REF.	PACK.
K370A	250

BRACKET FOR VIS FREIN GEARBOX

K370C



Features

PA. Ax : galvanized steel

Use

Mounted on caps or dummy end with tube D. 16.

Locking on the tube D. 16 with axle.

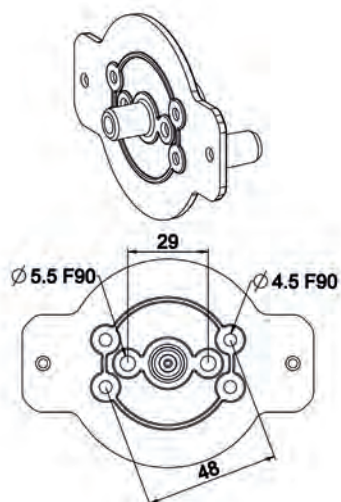
For assembly with Technivis gearbox or Vis Frein gearbox with ZF claw coupling drive.

REF.	PACK.
K370C	200



BRACKET Ø 12

K370C2



Features

PA + 13% fiberglass

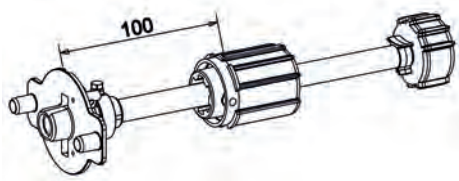
Use

Becker, Nice, Jolly motor. Compatible with motor with max. Power of 20 Nm. Also for strap handling

REF.	PACK.
K370C2	250

ADJUSTABLE DUMMY END ZF 54

K378B



Features

PA tinted black

Shaft : Tube steel Ø 16 galvanized

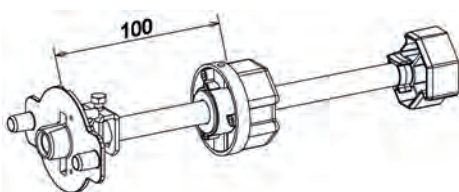
Use

Equipped with an injected POM ring fitted with a screw for blocking in the position of the shaft mounted in the box.

REF.	TYPE	MAX OFFSET	PACK.
K378B	Tube Ø 16 L = 320	100	25

ADJUSTABLE DUMMY END OCTA 60

K378D



Features

PA tinted black .

Shaft : Tube steel Ø 16 galvanized

Use

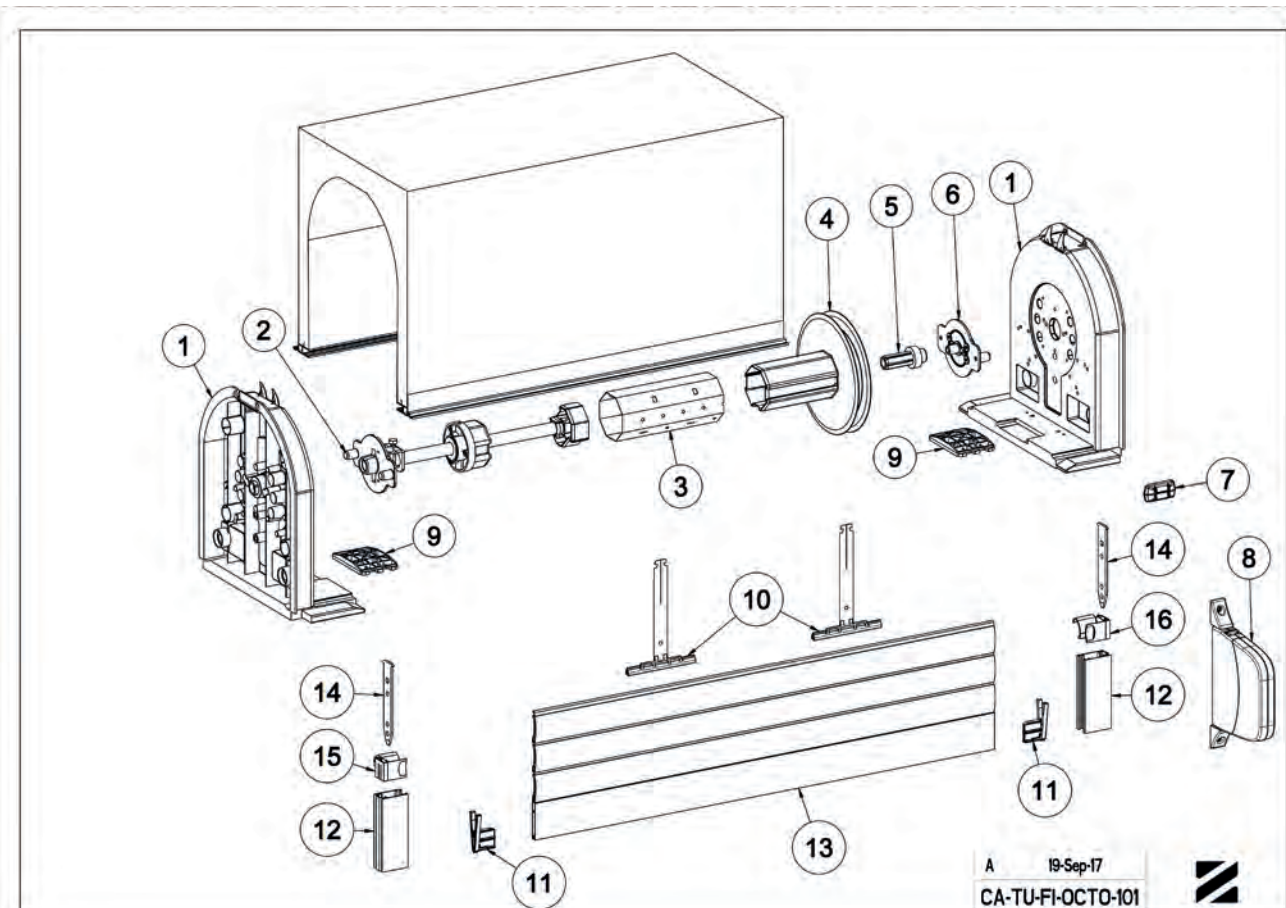
Equipped with a galvanized steel bracket provided with an M6 screw for locking in the position of the shaft mounted in the box.

REF.	TYPE	MAX OFFSET	PACK.
K378D	Tube Ø 16 L = 320	100	25



CA-TU-FI-101 - ASSEMBLY TUNNEL BOX TYPE F - STRAP COILER FOR 60 MM OCTAGONAL TUBE

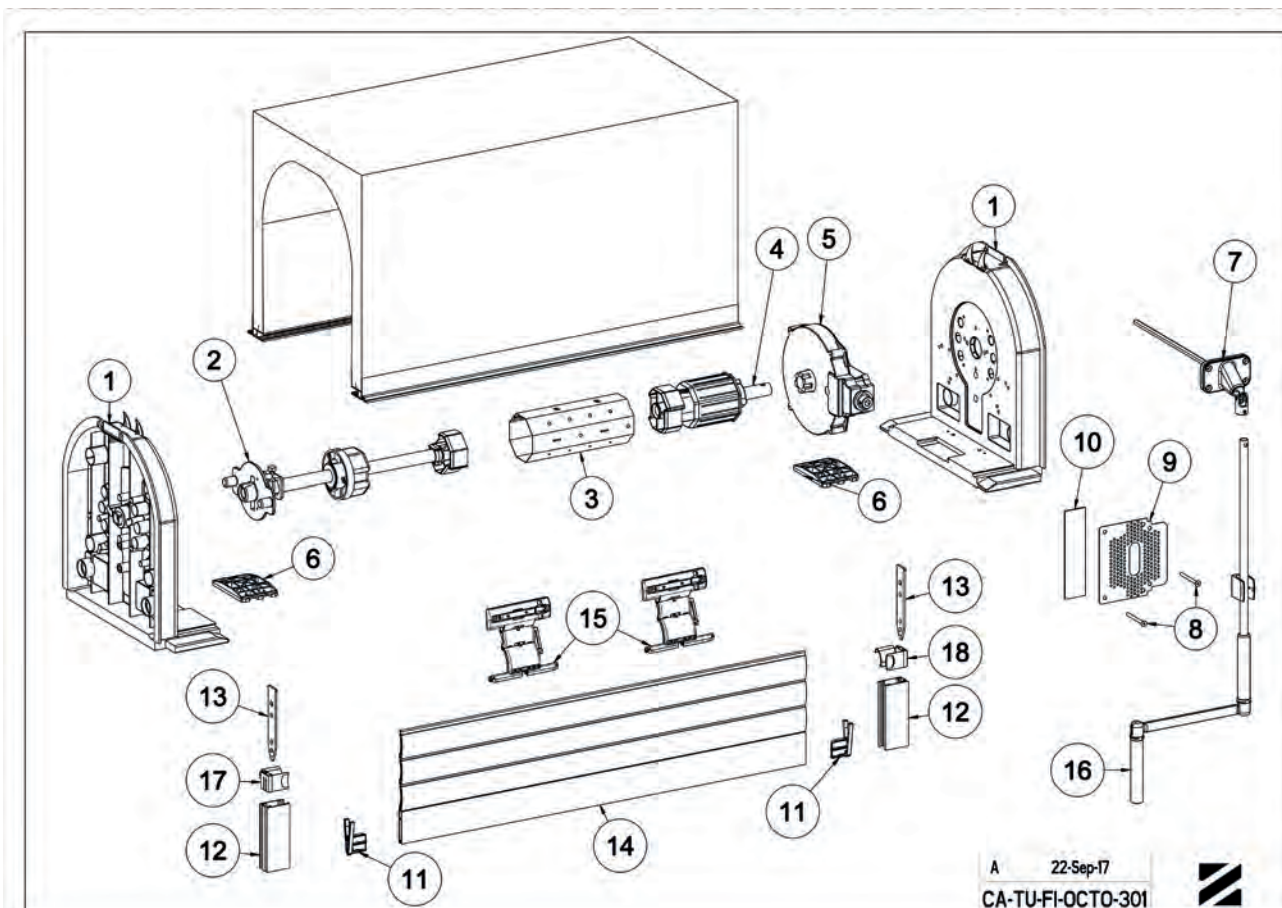
MARK	QTY	REFERENCE	DESCRIPTION
1	2	K374	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K375	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K375A	ENDPLATE TYP F GUIDE RAIL 8
OR	OR	OR	
1	2	K375B	ENDPLATE TYP F GUIDE RAIL 7
OR	OR	OR	
1	2	K376	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K376A	ENDPLATE TYP F GUIDE RAIL 8
OR	OR	OR	
1	2	K376B	ENDPLATE TYP F GUIDE RAIL 7
2	1	K378D	ADJUSTABLE DUMMY END FOR 60 MM OCTAGONAL TUBE
3	-	----	60 MM OCTAGONAL TUBE
4	1	G175F	PULLEY WITH CAP BALL BEARING Ø 158 OC60
5	1	G170C	HUB H 9.5 - Ø 18 - 12 MM BORE
6	1	K370C2	SUPPORT WITH DOG POINT D. 12
7	1	G218	STRAP GUIDE HORIZONTAL FIXING WHITE
OR	OR	OR	
7	1	G218A	STRAP GUIDE HORIZONTAL FIXING GREY
OR	OR	OR	
7	1	G218B	STRAP GUIDE HORIZONTAL FIXING BROWN
8	1	G570	STRAP COILER OPEN UP WITHOUT STRAP WHITE
9	2	K352C2	BRACKET
10	2MINI	H880B	FIXING SPRING TO CLIP L150 GREY 8 MM SLAT
11	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
12	-	--	GUIDE RAILS
13	-	--	SHUTTER
14	2	B732E	ENTRY GUIDE BRACKET
15	1	B734C6	TRADI EXPRESS ENTRY GUIDE
16	1	B734C5	TRADI EXPRESS ENTRY GUIDE





CA-TU-FI-301 - ASSEMBLY TUNNEL BOX TYPE F - CONIPACT GEARBOX FOR 60 MM OCTAGONAL TUBE

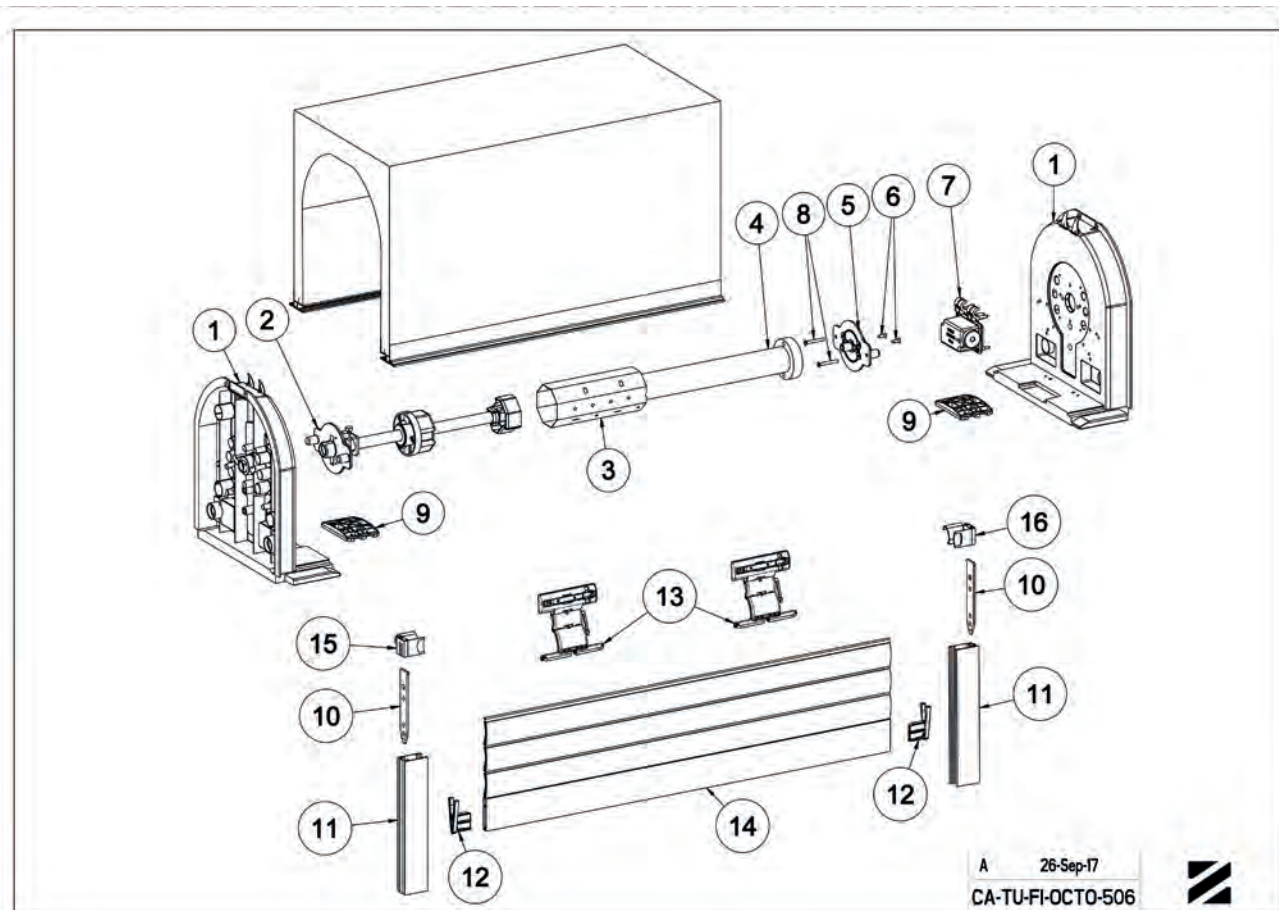
MARK	QTY	REFERENCE	DESCRIPTION
1	2	K374	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K375	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K375A	ENDPLATE TYP F GUIDE RAIL 8
OR	OR	OR	
1	2	K375B	ENDPLATE TYP F GUIDE RAIL 7
OR	OR	OR	
1	2	K376	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K376A	ENDPLATE TYP F GUIDE RAIL 8
OR	OR	OR	
1	2	K376B	ENDPLATE TYP F GUIDE RAIL 7
2	1	K378D	ADJUSTABLE DUMMY END FOR 60 MM OCTAGONAL TUBE
3	-	----	60 MM OCTAGONAL TUBE
4	1	A458	DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING
5	1	K377A	CONIPACT GEARBOX + TUNNEL BOX SUPPORT
OR	OR	OR	
5	1	K377B	CONIPACT GEARBOX + TUNNEL BOX SUPPORT
OR	OR	OR	
5	1	K377C	CONIPACT GEARBOX + TUNNEL BOX SUPPORT
6	2	K352C2	SUPPORT
7	1	SÉRIE D591	CARDAN JOINT 90 ° LARGE PLATE
8	2	-	SCREW
9	1	K353	BRACKET
10	1	-	PVC PIECE OFF-CUT ABOUT 120 X 30
11	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
11	2	SÉRIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
12	-	----	GUIDE RAILS
13	2	B732E	ENTRY GUIDE BRACKET
14	-	----	SHUTTER
15	2 MINI	H894A	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
15	2 MINI	H894B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
15	2 MINI	H894A+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
15	2 MINI	H894B+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
15	2 MINI	H890A	OCTOCLICK 1 ELEMENT
15	2 MINI	H890C	OCTOCLICK 2 ELEMENTS
15	2 MINI	H890E	OCTOCLICK 3 ELEMENTS
16	1	SÉRIE E6XX	CRANK HANDLE
17	1	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
17	1	B734C8	TRADI EXPRESS ENTRY GUIDE
18	1	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
18	1	B734C7	TRADI EXPRESS ENTRY GUIDE





CA-TU-FI-506 - ASSEMBLY TUNNEL BOX TYPE F - UNIVERSAL MOTOR FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	2	K374	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K375	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K375A	ENDPLATE TYP F GUIDE RAIL 8
OR	OR	OR	
1	2	K375B	ENDPLATE TYP F GUIDE RAIL 7
OR	OR	OR	
1	2	K376	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K376A	ENDPLATE TYP F GUIDE RAIL 8
OR	OR	OR	
1	2	K376B	ENDPLATE TYP F GUIDE RAIL 7
2	1	K378D	ADJUSTABLE DUMMY END FOR 60 MM OCTAGONAL TUBE
3	-	----	60 MM OCTAGONAL TUBE
4	1	.....	UNIVERSAL MOTOR
5	1	K370C2	SUPPORT WITH DOG POINT D. 12
6	2		SCREW
7	1	K352	WATERPROOF MOTOR KIT
9	2	K352C2	SUPPORT
10	2	B732E	ENTRY GUIDE BRACKET
11	-	--	GUIDE RAILS
12	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
12	2	SÉRIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
13	2 MINI	H894A	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
13	2 MINI	H894B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
13	2 MINI	H894A+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
13	2 MINI	H894B+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
13	2 MINI	H890A	OCTOCLICK 1 ELEMENT
13	2 MINI	H890C	OCTOCLICK 2 ELEMENTS
13	2 MINI	H890E	OCTOCLICK 3 ELEMENTS
14	-	-	SHUTTER
15	1	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
15	1	B734C8	TRADI EXPRESS ENTRY GUIDE
16	1	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
16	1	B734C7	TRADI EXPRESS ENTRY GUIDE
OPTION			
8	2		SCREW



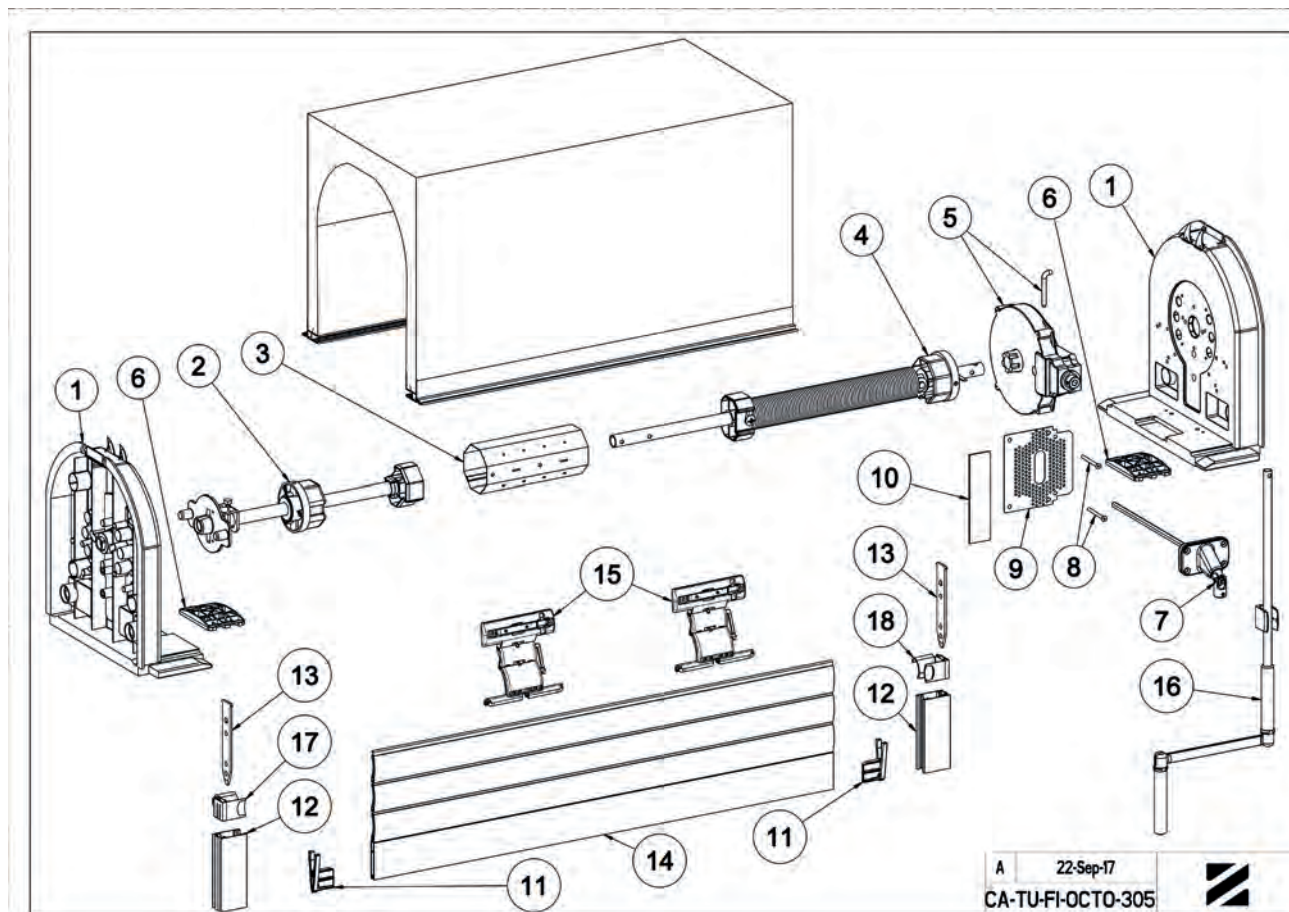
A 26-Sep-17
CA-TU-FI-OCTO-506





CA-TU-FI-305 - ASSEMBLY TUNNEL BOX TYPE F - CONIPACT GEARBOX WITH SPRING FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	2	K374	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K375	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K375A	ENDPLATE TYP F GUIDE RAIL 8
OR	OR	OR	
1	2	K375B	ENDPLATE TYP F GUIDE RAIL 7
OR	OR	OR	
1	2	K376	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K376A	ENDPLATE TYP F GUIDE RAIL 8
OR	OR	OR	
1	2	K376B	ENDPLATE TYP F GUIDE RAIL 7
2	1	K378D	ADJUSTABLE DUMMY END FOR 60 MM OCTAGONAL TUBE
3	-	----	60 MM OCTAGONAL TUBE
4	1	A861	SPRING FOR 60 OCTAGONAL TUBE LEFT
5	1	K377A	CONIPACT GEARBOX + TUNNEL BOX SUPPORT
OR	OR	OR	
5	1	K377C	CONIPACT GEARBOX + TUNNEL BOX SUPPORT
6	2	K352C2	SUPPORT
7	1	SÉRIE D591	CARDAN JOINT 90 ° LARGE PLATE
8	2	-----	SCREW
9	1	K353	BRACKET
10	1	-----	PVC PIECE OFF-CUT
11	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
11	2	SÉRIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
12	-	----	GUIDE RAILS
13	2	B732E	ENTRY GUIDE BRACKET
14	-	----	SHUTTER
15	2 MINI	H894A	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
15	2 MINI	H894B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
15	2 MINI	H894A+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
15	2 MINI	H894B+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
OR	OR	OR	
15	2 MINI	H890A	OCTOCLICK 1 ELEMENT
OR	OR	OR	
15	2 MINI	H890C	OCTOCLICK 2 ELEMENTS
OR	OR	OR	
15	2 MINI	H890E	OCTOCLICK 3 ELEMENTS
16	1	SÉRIE E6XX	CRANK HANDLE
17	1	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
17	1	B734C8	TRADI EXPRESS ENTRY GUIDE
18	1	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
18	1	B734C7	TRADI EXPRESS ENTRY GUIDE



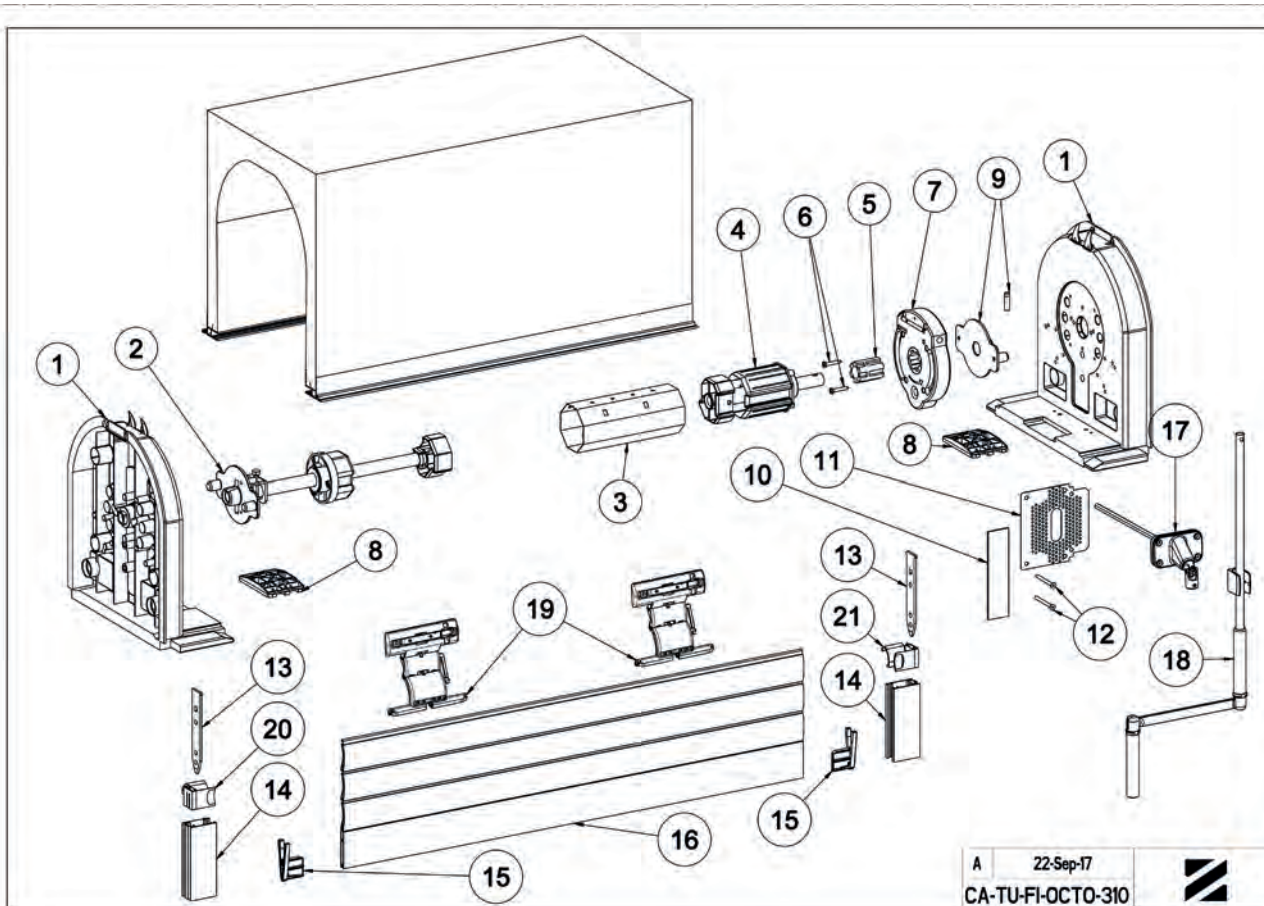
A 22-Sep-17
CA-TU-FI-OCTO-305





CA-TU-FI-310 - ASSEMBLY TUNNEL BOX TYPE F - GEARBOX 7 : 1 GEARBOX WITH CLUTCH SYSTEM FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	2	K374	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K375	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K375A	ENDPLATE TYP F GUIDE RAIL 8
OR	OR	OR	
1	2	K375B	ENDPLATE TYP F GUIDE RAIL 7
OR	OR	OR	
1	2	K376	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K376A	ENDPLATE TYP F GUIDE RAIL 8
OR	OR	OR	
1	2	K376B	ENDPLATE TYP F GUIDE RAIL 7
2	1	K378D	ADJUSTABLE DUMMY END FOR 60 MM OCTAGONAL TUBE
3	-	-	60 MM OCTAGONAL TUBE
4	1	A458	DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING
5	1	C604	DRIVE HUB 16MM HOLE
6	2	4203	SCREW CBL Z ST 3,9 - 25
7	1	C191C	GEARBOX
8	2	K352C2	SUPPORT
9	1	K370C	SUPPORT FOR GEARBOX WITH SCREW
10	1	-----	PVC PIECE OFF-CUT
11	1	K353	BRACKET
12	2	-	SCREW
13	2	B732E	ENTRY GUIDE BRACKET
14	-	-	GUIDE RAILS
15	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
15	2	SÉRIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
16	-	-	SHUTTER
17	1	SÉRIE D591	CARDAN JOINT 90 ° LARGE PLATE
18	1	SÉRIE E6XX	CRANK HANDLE
19	2 MINI	H894A	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
19	2 MINI	H894B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
19	2 MINI	H894A+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
19	2 MINI	H894B+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
19	2 MINI	H890A	OCTOCLICK 1 ELEMENT
19	2 MINI	H890C	OCTOCLICK 2 ELEMENTS
19	2 MINI	H890E	OCTOCLICK 3 ELEMENTS
20	1	B734C6	TRADI EXPRESS ENTRY GUIDE
OR		OR	
20	1	B734C8	TRADI EXPRESS ENTRY GUIDE
21	1	B734C5	TRADI EXPRESS ENTRY GUIDE
OR		OR	
21	1	B734C7	TRADI EXPRESS ENTRY GUIDE



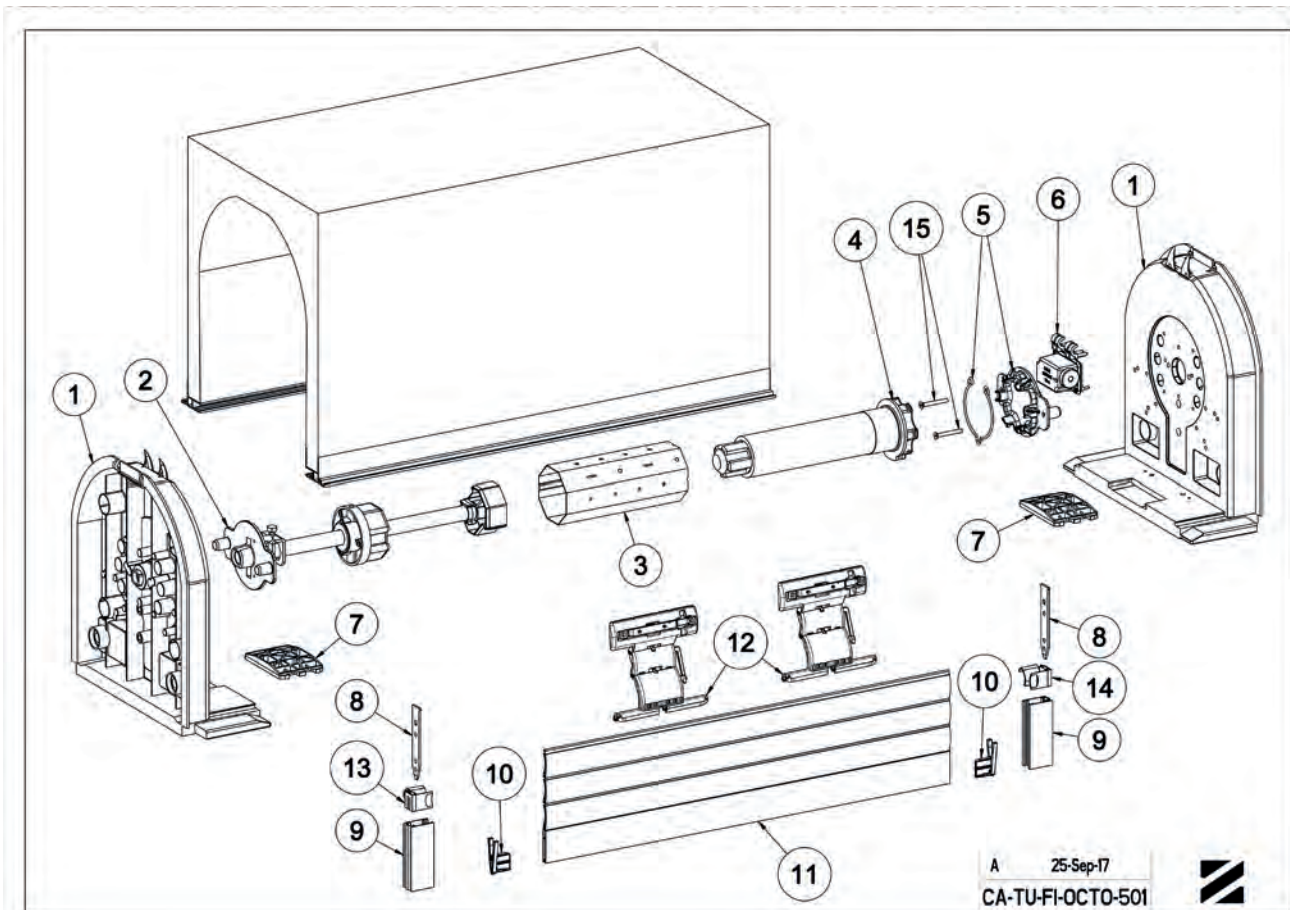
A 22-Sep-17
CA-TU-FI-OCTO-310





CA-TU-FI-501 - ASSEMBLY TUNNEL BOX TYPE F - SOMFY MOTOR FOR 60 MM OCTAGONAL TUBE

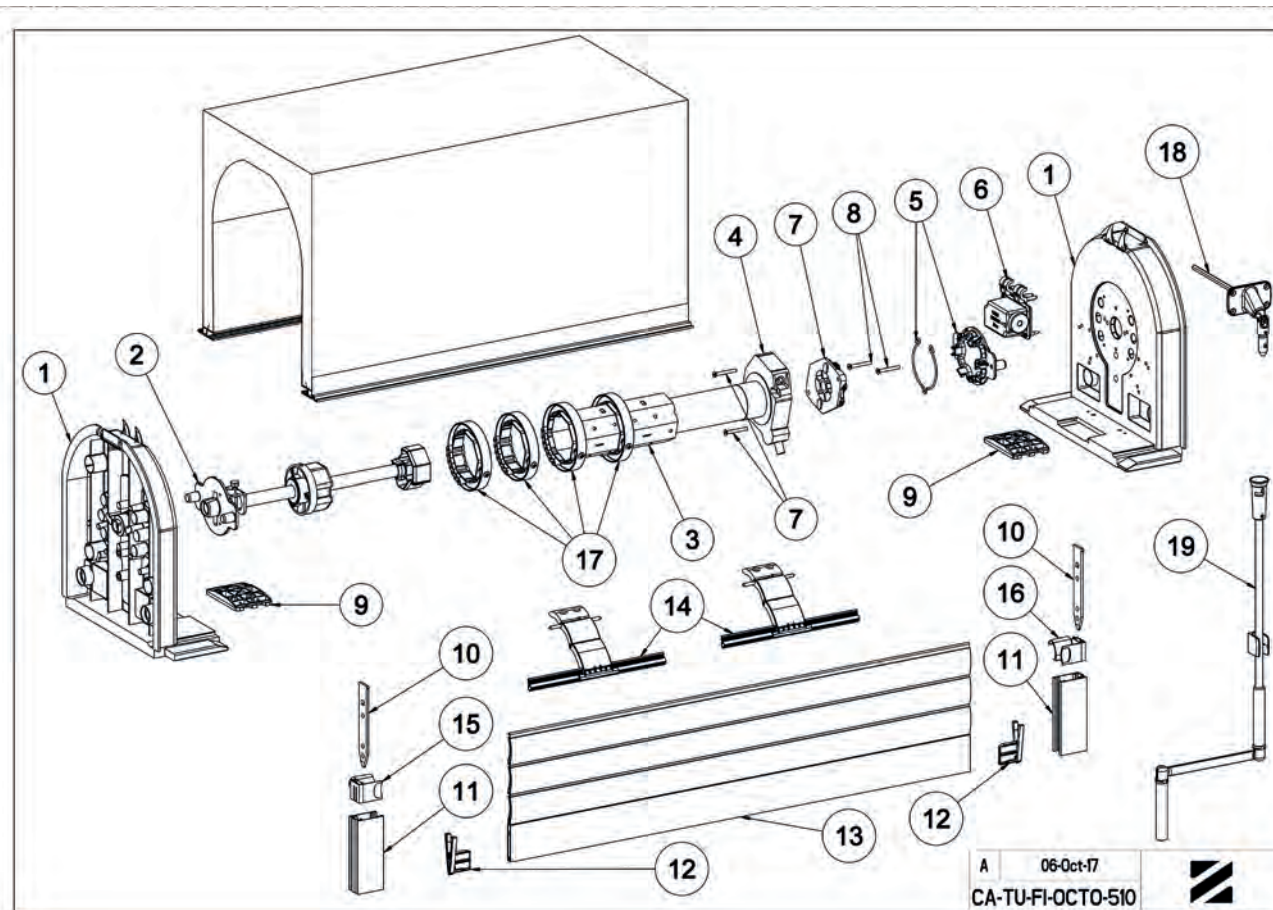
MARK	QTY	REFERENCE	DESCRIPTION
1	2	K374	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K375	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K375A	ENDPLATE TYP F GUIDE RAIL 8
OR	OR	OR	
1	2	K375B	ENDPLATE TYP F GUIDE RAIL 7
OR	OR	OR	
1	2	K376	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K376A	ENDPLATE TYP F GUIDE RAIL 8
OR	OR	OR	
1	2	K376B	ENDPLATE TYP F GUIDE RAIL 7
2	1	K378D	ADJUSTABLE DUMMY END FOR 60 MM OCTAGONAL TUBE
3	-	---	60 MM OCTAGONAL TUBE
4	1	...	MOTOR SOMFY LT50
5	1	K370B	SUPPORT FOR SOMFY MOTOR
6	1	K352	WATERPROOF MOTOR KIT
7	2	K352C2	SUPPORT
8	2	B732E	ENTRY GUIDE BRACKET
9	-	-	GUIDE RAILS
10	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
10	2	SÉRIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
11	-	-	SHUTTER
12	2 MINI	H894A	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
12	2 MINI	H894B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
12	2 MINI	H894A+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
12	2 MINI	H894B+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
12	2 MINI	H890A	OCTOCLICK 1 ELEMENT
12	2 MINI	H890C	OCTOCLICK 2 ELEMENTS
12	2 MINI	H890E	OCTOCLICK 3 ELEMENTS
13	1	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
13	1	B734C8	TRADI EXPRESS ENTRY GUIDE
14	1	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
14	1	B734C7	TRADI EXPRESS ENTRY GUIDE
OPTION:			
15	2	.	SCREW





CA-TU-FI-510 - ASSEMBLY TUNNEL BOX TYPE F - SOMFY MOTOR WITH MANUAL OVERRIDE FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	2	K374	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K375	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K375A	ENDPLATE TYP F GUIDE RAIL 8
OR	OR	OR	
1	2	K375B	ENDPLATE TYP F GUIDE RAIL 7
OR	OR	OR	
1	2	K376	ENDPLATE TYP F GUIDE RAIL 4/5
OR	OR	OR	
1	2	K376A	ENDPLATE TYP F GUIDE RAIL 8
OR	OR	OR	
1	2	K376B	ENDPLATE TYP F GUIDE RAIL 7
2	1	K378D	ADJUSTABLE DUMMY END FOR 60 MM OCTAGONAL TUBE
3	-	----	60 MM OCTAGONAL TUBE
4	1	-	MOTOR CSI
5	1	K370B	SUPPORT FOR SOMFY MOTOR
6	1	K352	WATERPROOF MOTOR KIT
7	1	----	CSI BRACKET SOMFY REF 99100 51
9	2	K352C2	SUPPORT
10	2	B732E	ENTRY GUIDE BRACKET
11	-	--	GUIDE RAILS
12	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
12	2	SÉRIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
13	-	-	SHUTTER
14	2 MINI	H818	BLOCKSUR AUTOLOCK 2 ELEMENTS 14 MM SLAT
14	2 MINI	H819	BLOCKSUR AUTOLOCK 3 ELEMENTS 14 MM SLAT
14	2 MINI	H844	BLOCKSUR AUTOLOCK 2 ELEMENTS 8 MM SLAT
14	2 MINI	H845	BLOCKSUR AUTOLOCK 3 ELEMENTS 8 MM SLAT
15	1	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
15	1	B734C8	TRADI EXPRESS ENTRY GUIDE
16	1	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
16	1	B734C7	TRADI EXPRESS ENTRY GUIDE
17	4 MINI	H823	RING Ø 88 MM
18	1	D592EBL	DOUBLE CARDAN JOINT HEXAGONAL 7 MM L 585 FOR FUNNEL WHITE
19	1	E599A	REMOVABLE HANDLE MOUNTED WITH FUNNEL
OPTION			
8	2	-	SCREW



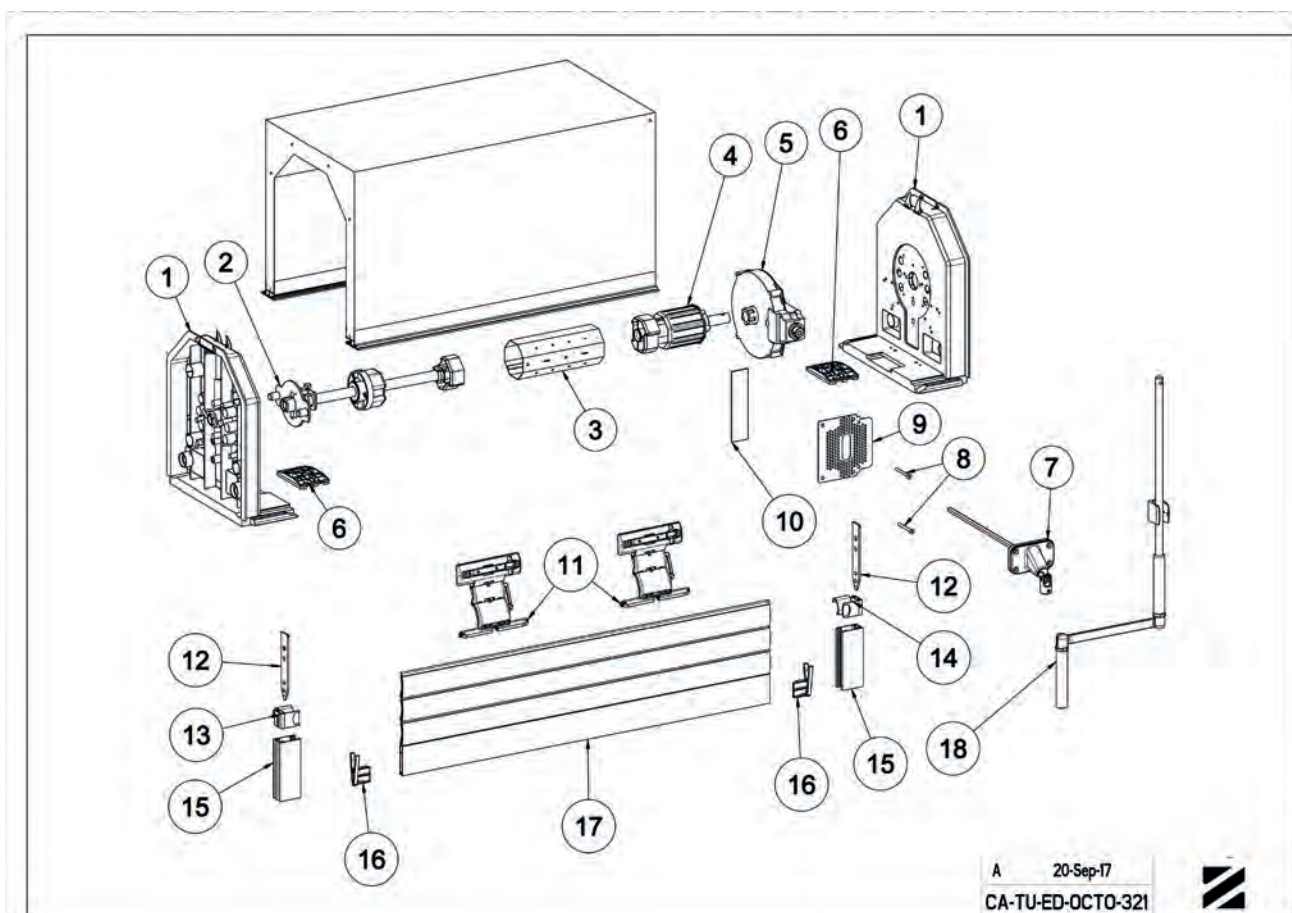
A 06-Oct-17
CA-TU-FI-OCTO-510





CA-TU-ED-321 - ASSEMBLY EDILCASS TUNNEL BOX - CONIPACT GEARBOX FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	2	K371	ENDCAP FOR TUNNEL BOX 250
OR	OR	OR	
1	2	K372	ENDCAP FOR TUNNEL BOX 280
OR	OR	OR	
1	2	K373	ENDCAP FOR TUNNEL BOX 300
2	1	K378D	ADJUSTABLE DUMMY END FOR 60 MM OCTAGONAL TUBE
3	-	-	60 MM OCTAGONAL TUBE
4	1	A458	DUMMY END FOR 60 MM OCTAGONAL TUBE D16 FEMALE CLAW COUPLING
5	1	K377A	CONIPACT GEARBOX + TUNNEL BOX SUPPORT
OR	OR	OR	
5	1	K377B	CONIPACT GEARBOX + TUNNEL BOX SUPPORT
OR	OR	OR	
5	1	K377C	CONIPACT GEARBOX + TUNNEL BOX SUPPORT
6	2	K352C2	SUPPORT
7	1	SÉRIE D591	CARDAN JOINT 90 ° LARGE PLATE
8	2	-	SCREW
9	1	K353	BRACKET
10	1	-	PVC PIECE OFF-CUT ABOUT 120 X 30
11	2 MINI	H894A	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
11	2 MINI	H894B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
11	2 MINI	H894A+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
11	2 MINI	H894B+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
11	2 MINI	H890A	OCTOCLICK 1 ELEMENT
11	2 MINI	H890C	OCTOCLICK 2 ELEMENTS
11	2 MINI	H890E	OCTOCLICK 3 ELEMENTS
12	2	B732E	ENTRY GUIDE BRACKET
13	1	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
13	1	B734C8	TRADI EXPRESS ENTRY GUIDE
14	1	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
14	1	B734C7	TRADI EXPRESS ENTRY GUIDE
15	-	-	GUIDE RAILS
16	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
16	2	SÉRIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
17	1	-	SHUTTER
18	1	SÉRIE E6XX	CRANK HANDLE



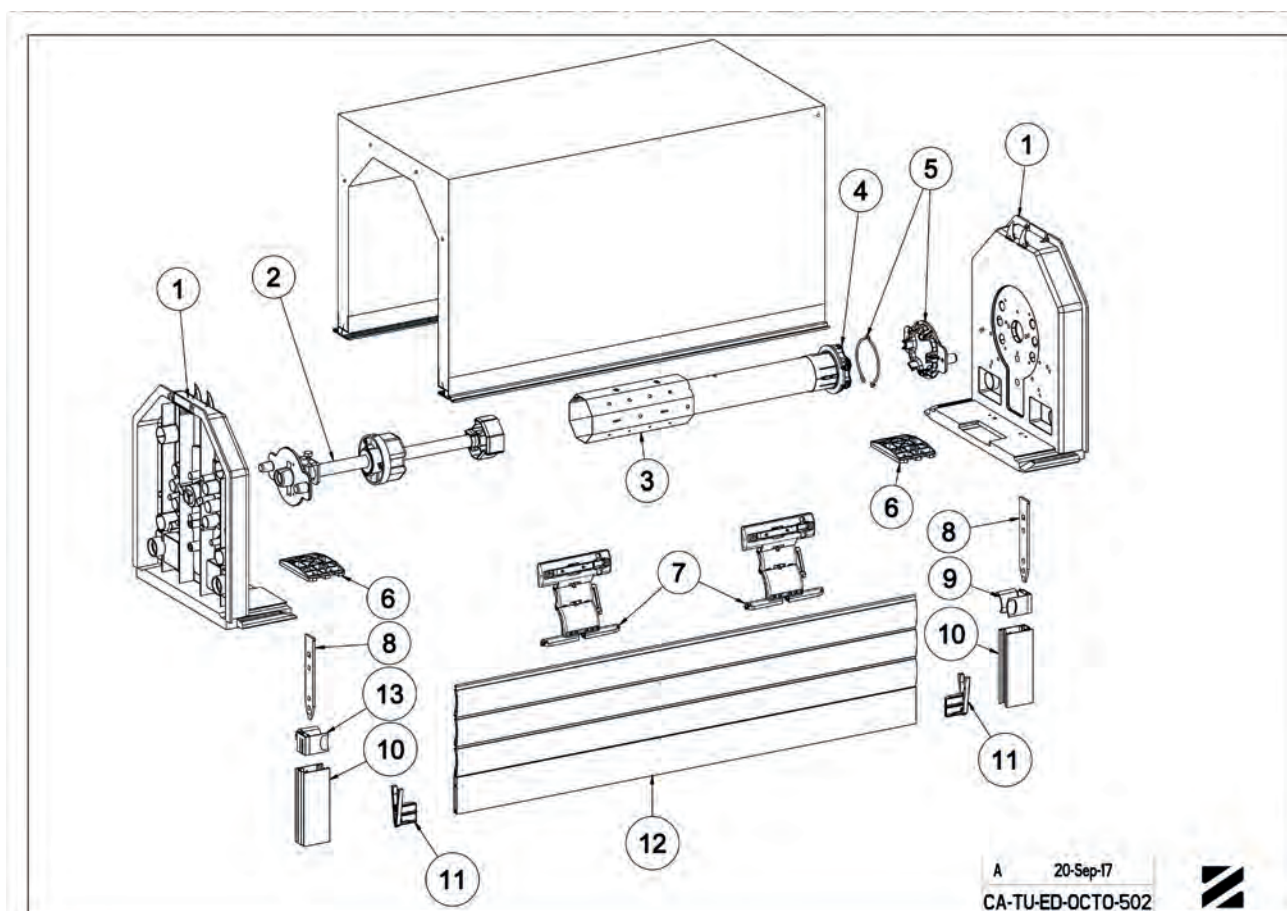
A 20-Sep-17
CA-TU-ED-OCTO-321





CA-TU-ED-502 - ASSEMBLY EDILCASS TUNNEL BOX - SOMFY MOTOR FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	2	K371	ENDCAP FOR TUNNEL BOX 250
OR	OR	OR	
1	2	K372	ENDCAP FOR TUNNEL BOX 280
OR	OR	OR	
1	2	K373	ENDCAP FOR TUNNEL BOX 300
2	1	K378D	ADJUSTABLE DUMMY END FOR 60 MM OCTAGONAL TUBE
3	-	-	60 MM OCTAGONAL TUBE
4	1	..	MOTOR SOMFY LT50
5	1	K370B	SUPPORT FOR SOMFY MOTOR
6	2	K352C2	SUPPORT
7	2 MINI	H894A	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
7	2 MINI	H894B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
7	2 MINI	H894A+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
7	2 MINI	H894B+H872B	OCTOEASY AUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
7	2 MINI	H890A	OCTOCLICK 1 ELEMENT
7	2 MINI	H890C	OCTOCLICK 2 ELEMENTS
7	2 MINI	H890E	OCTOCLICK 3 ELEMENTS
8	1	B732E	ENTRY GUIDE BRACKET
9	1	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
9	1	B734C8	TRADI EXPRESS ENTRY GUIDE
10	-	-	GUIDE RAILS
11	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
11	2	SÉRIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
12	-	-	SHUTTER
13	1	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
13	1	B734C7	TRADI EXPRESS ENTRY GUIDE

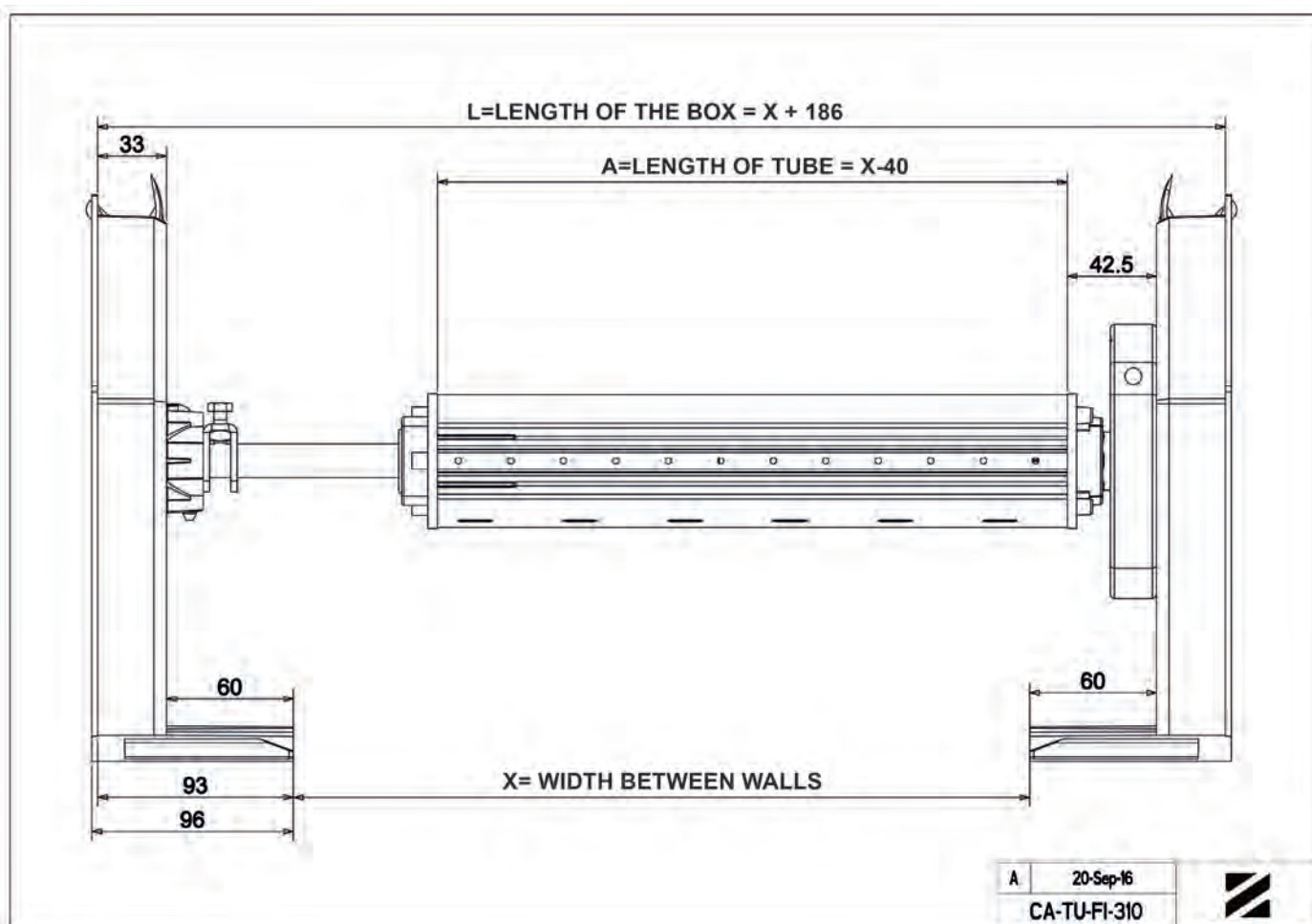


A 20-Sep-17
CA-TU-ED-OCTO-502

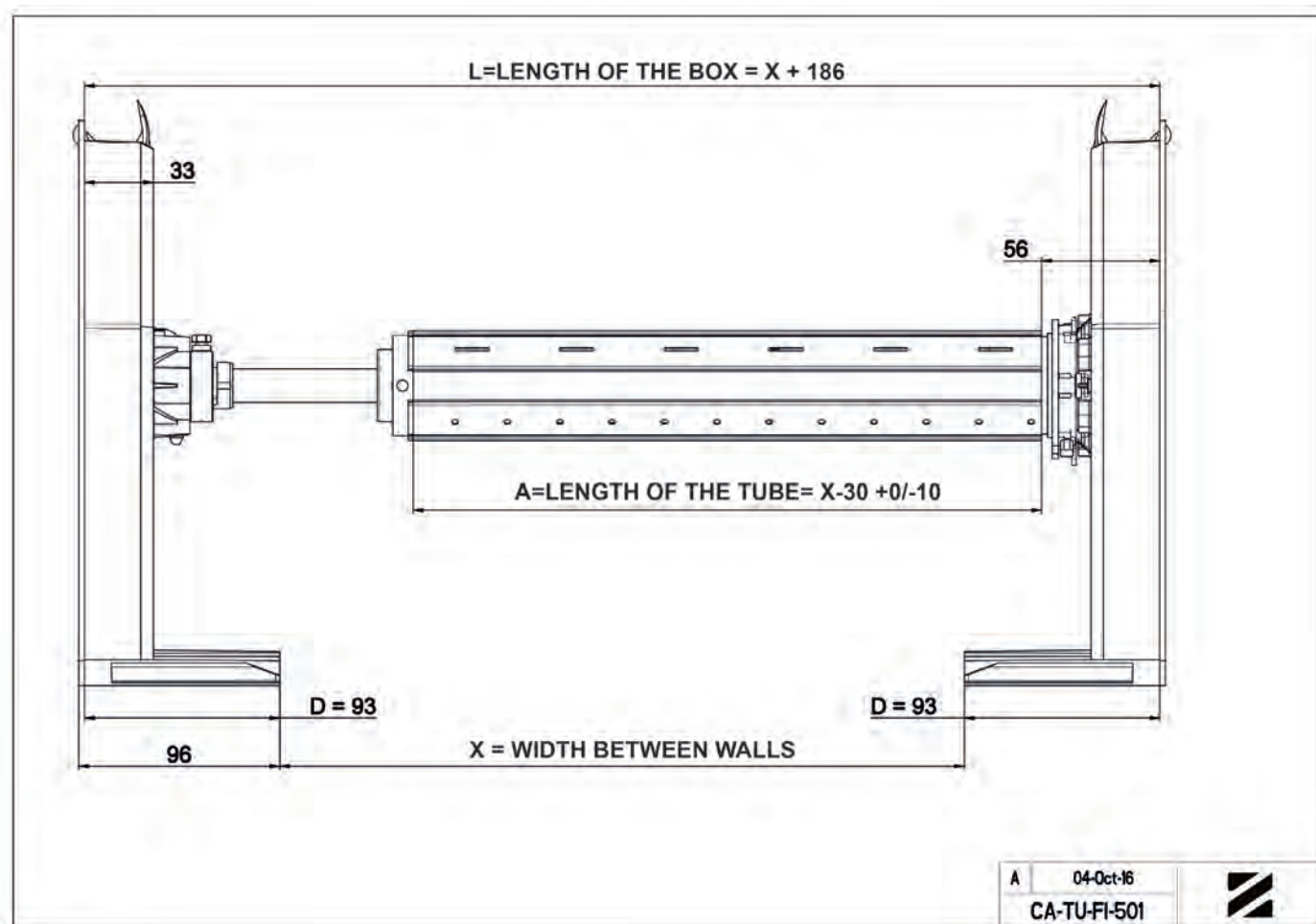




CA-TU-FI-310 - CUTTING CHART

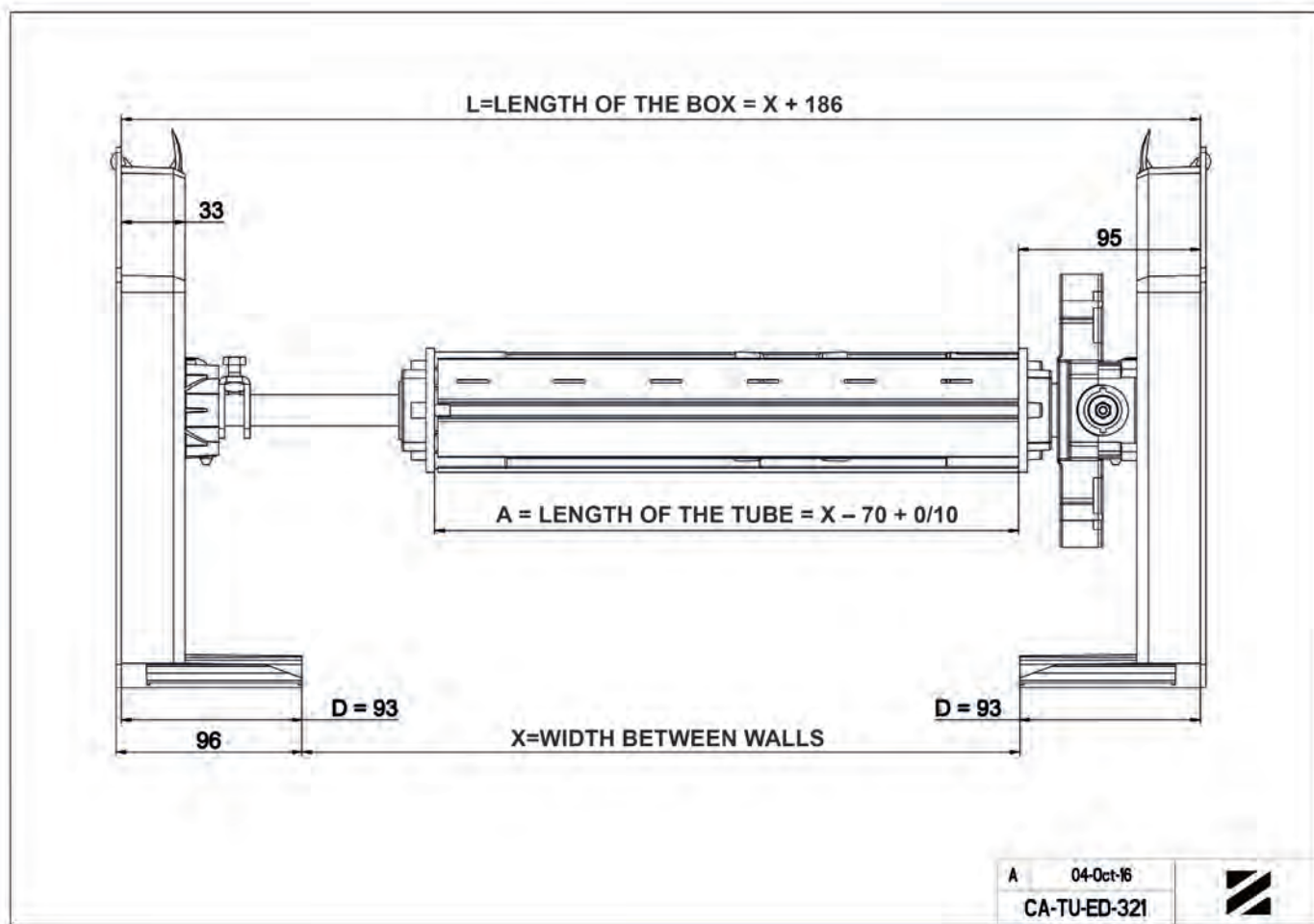


CA-TU-FI-501 - CUTTING CHART

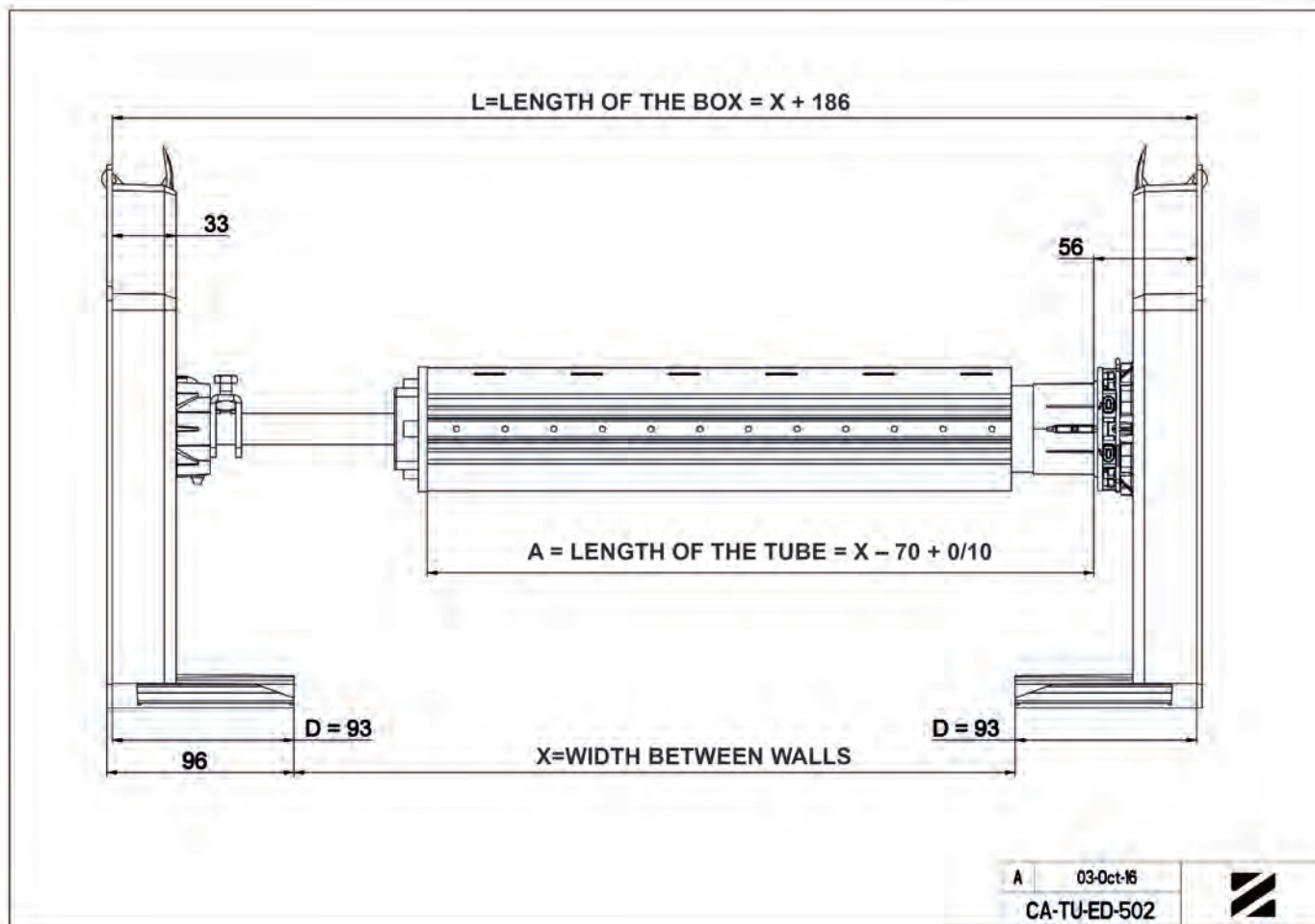




CA-TU-ED-321 - CUTTING CHART



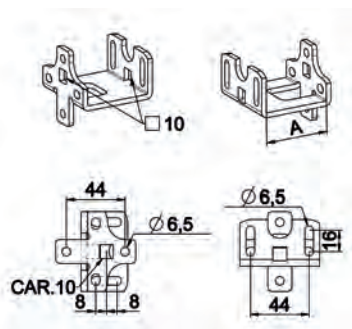
CA-TU-ED-502 - CUTTING CHART





OFFSET BRACKET

B107



Features

Galvanized steel thickness 4 mm.
Interface allowing to make accessible the limit buttons or to reduce the offset of the dummy ends.

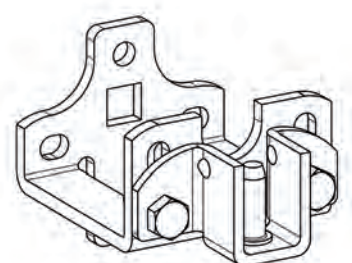
Use

For fixing pin brackets (B104..) or motor with 10 mm square pin.
To be mounted on tunnel box's endplates.

REF.	DIM.A	PACK.
B107	60	50
B127	45	100

OFFSET BRACKET ASSEMBLED

B108



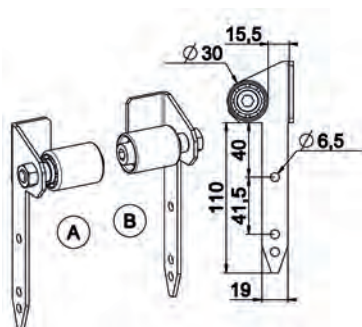
Features

All parts are passivated galvanized steel.
Assembled set including :
- 1 B107
- 2 B104
- 2 screws and M6 nuts

REF.	PACK.
B108	50

ASSEMBLED ROLLING GUIDE BRACKET - D30 MM

H375A



Features

Leg : galvanized steel thickness 3 mm
Wheel : PA
Bearing : brass
Screw + washer + nut : galvanized steel

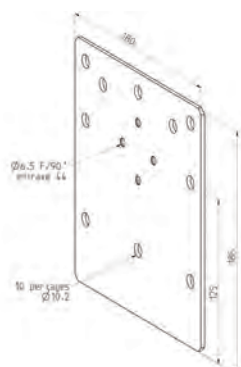
Use

Ensures perfect guiding of the shutter.
To be fixed on the guide rail.

REF.	TYPE	POR	PACK.
H375A	Right	A	30
H375B	Left	B	30

PLATE FOR HEAVY SHUTTER

C522A



Features

Galvanized steel thickness 3 mm.

Use

Perfectly adapted to the box size 280 : to be placed in bracket on the tail for the centering of the winding shaft.
To be fixed above the tail's endplate in order to center properly the winding shaft.

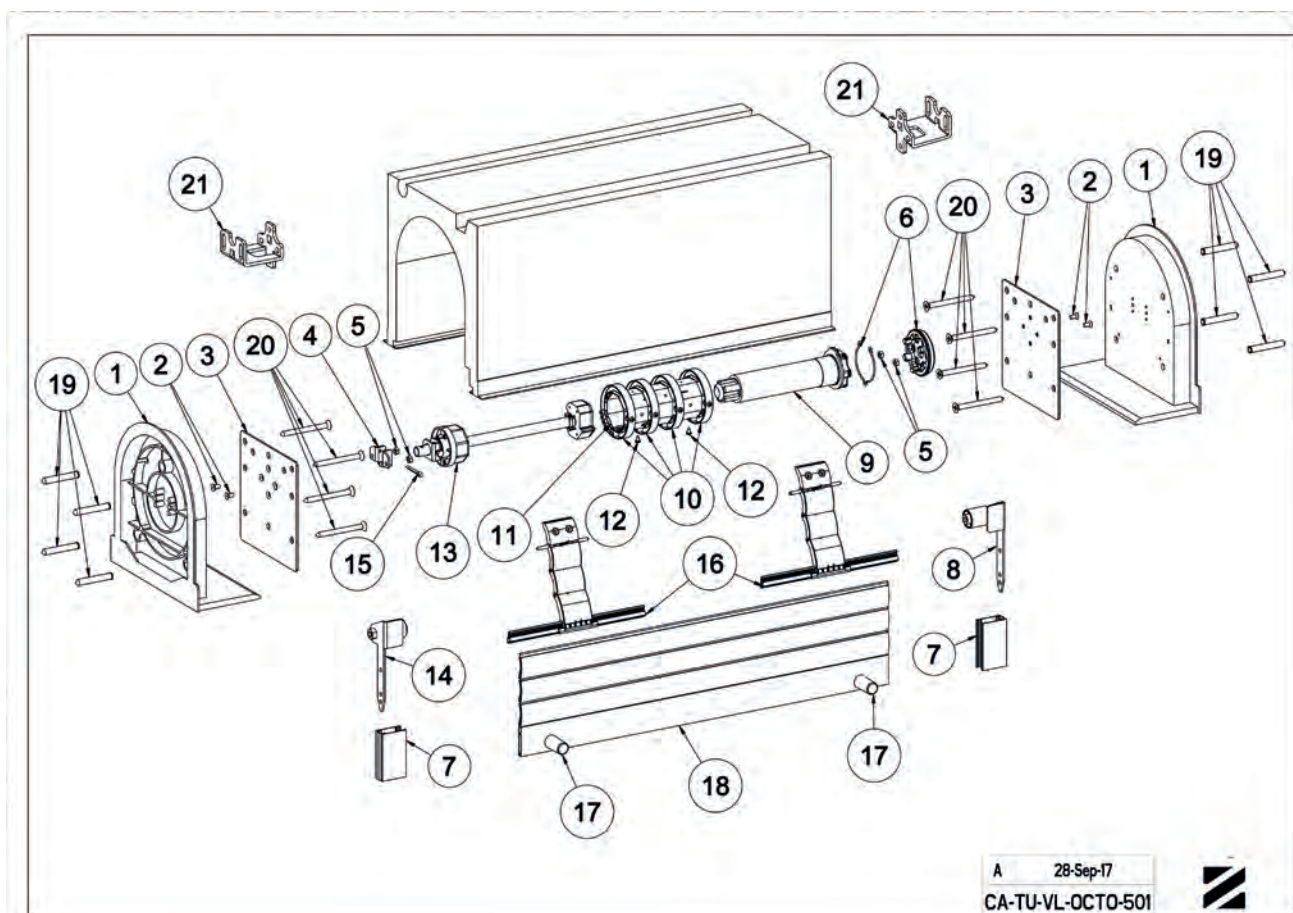
REF.	PACK.
C522A	15



ASSEMBLY

CA-TU-VL-501 - ASSEMBLY TUNNEL BOX HEAVY SHUTTER - MOTOR SOMFY LT 50 FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1	2	-	SHUTTER
2	2	4112	SCREW TF M6 X 12
3	2	C522A	BRACKET 3MM
4	1	B104	PIN BRACKET
5	4	4507	NUT H M6 BLACK
6	1	□□	SOMFY MOTOR BRACKET REF 9420626
7	2	-	GUIDE RAILS
8	1	H375A	RIGHT ROLLER SUPPORT
9	1	..	MOTOR SOMFY LT50
10	4 MINI	H823	RING Ø 88 MM
11	-	---	60 MM OCTAGONAL TUBE
12	2	4209	SCREW CBL Z ST 4,2 - 9,5
13	1	A463	ADJUSTABLE DUMMY END FOR 60 OCTAGONAL TUBE
14	1	H375B	LEFT ROLLER BRACKET
15	1	4629	
16	2 MINI	H818	BLOCKSUR AUTOLOCK 2 ELEMENTS 14 MM SLAT
16	2 MINI	H844	BLOCKSUR AUTOLOCK 2 ELEMENTS 8 MM SLAT
16	2 MINI	H819	BLOCKSUR AUTOLOCK 3 ELEMENTS 14 MM SLAT
16	2 MINI	H845	BLOCKSUR AUTOLOCK 3 ELEMENTS 8 MM SLAT
17	2	H135	ROUND STOPPER WITH RING AND SCREW
18	-	-	SHUTTER
19	8	-	FASTENING PINS
20	8	-	FASTENING PINS



A 28-Sep-17
CA-TU-VL-OCTO-501



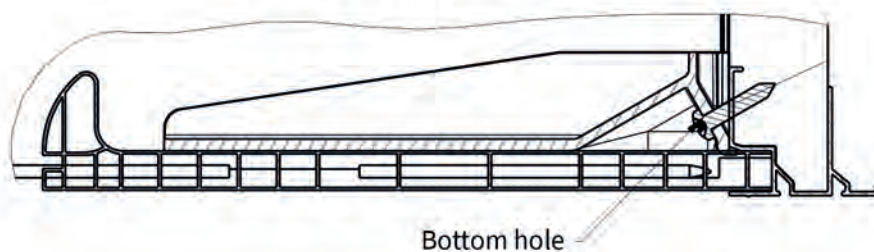


K352H ASSEMBLY INSTRUCTIONS: REINFORCEMENT BRACKET FOR REVISION PANEL

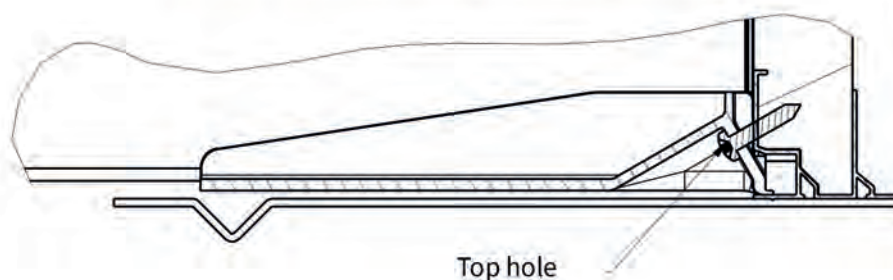


Holes to use with PVC revision panel
 Holes to use with Aluminium revision panel


With PVC revision panel



With Aluminium revision panel



Note : Pre-drilling is necessary in the event of not using specific screws (length 20 mm).

A	30-Jul-18	 ZURFLON-FELLER
Notice K352H		



ZURFLÜH-FELLER

HALF-LINTEL

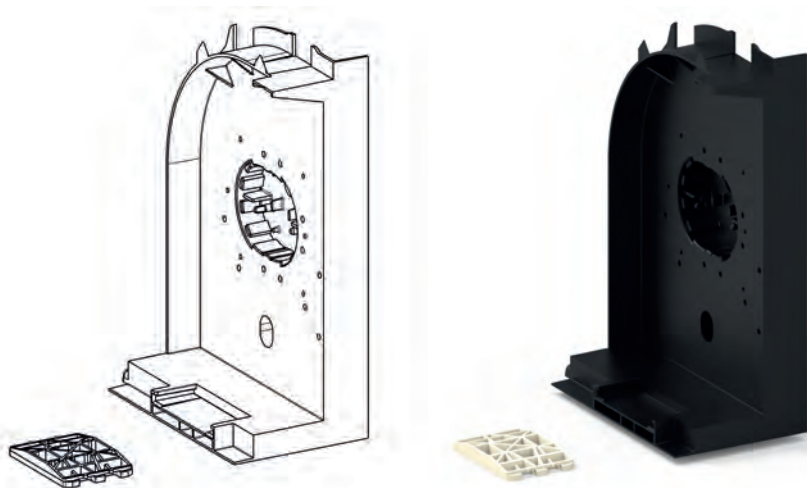
▶ **HALF-LINTEL COFFRELITE**

322



ENDPLATE FOR HALF LINTEL COFFRELITE

K358ED



Features

Endplate : PS shock black-tinted.
Bracket : polypropylene dyed black.
Endplate : PS shock black.
Patte face : PP natural tint.
Set delivered : unassembled.
For motors over 10 Nm use K351B2

Use

Suitable for half lintel box Coffrelite size 280.
Accepts the full range of casings Coffrelite the tunnel box.
Space for sleeve with 2 positions:
- for winding Ø 170
- for winding Ø 220.

Remark

Max 10 Nm motors

REF.	TYPE	PACK.
K358ED	Left	220
K358EG	Right	220

REINFORCEMENT HOLDING SLEEVE FOR HALF LINTEL

K351B2



Features

Galvanized steel thickness 1.5 mm.

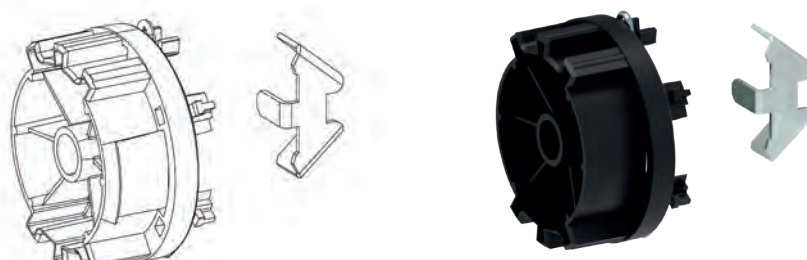
Use

Ensures reinforced bracket in Coffrelite sleeves on the DL endplates.
Place the reinforcement in the endplate bottom and then engage the sleeve.
Possibility to receive the sleeve and the reinforcement devices bagged : see item K351AF.

REF.	TYPE	PACK.
K351B2	Reinforcement	100

REINFORCEMENT HOLD + SLEEVE FOR HALF LINTEL COFFRELITE

K351AF



Features

Reinforcement : galvanized steel .
Sleeve : PA tinted black .

Use

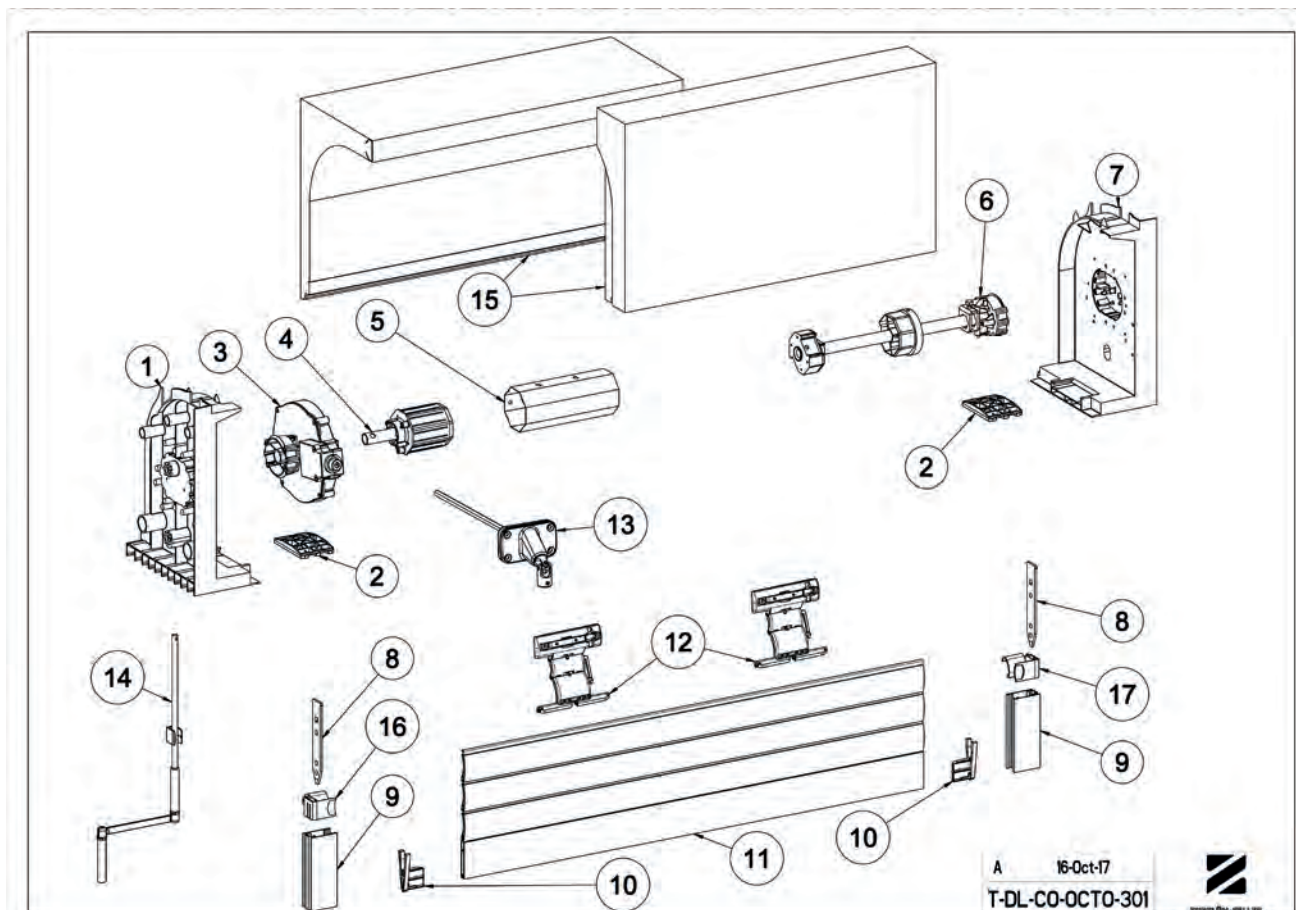
Sleeve + reinforcement set delivered in individual bag.

REF.	TYPE	PACK.
K351AA	Somfy sleeve + Ring	100



T-DL-CO-301 - ASSEMBLY COFFRELITE HALF LINTEL - CONIPACT GEARBOX FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1+2	1	K358EG	ENDPLATE FOR TUNNEL BOX
3	1	K360B	CONIPACT GEARBOX
4	1	A454	CAP FOR 60 MM OCTAGONAL TUBE CLAW COUPLING + TUBE D16 L=90
5	-	----	60 MM OCTAGONAL TUBE
6	1	K361D	ADJUSTABLE DUMMY END L320 MM FOR OCTOGONAL TUBE 60MM
7+2	1	K358ED	ENDPLATE FOR TUNNEL BOX
8	1	B732E	ENTRY GUIDE BRACKET
9	-	--	GUIDE RAILS
10	2	SÉRIE H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
OR	OR	OR	
10	2	SÉRIE H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
11	-	-	SHUTTER
12	2 MINI	H894A	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
12	2 MINI	H894B	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
12	2 MINI	H894A+H872B	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT + 0
12	2 MINI	H894B+H872B	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS + 0
12	2 MINI	H890A	OCTOCLICK 1 ELEMENT
12	2 MINI	H890C	OCTOCLICK 2 ELEMENTS
12	2 MINI	H890E	OCTOCLICK 3 ELEMENTS
13	1	SÉRIE D591	CARDAN JOINT 90 ° LARGE PLATE
14	1	SÉRIE E6..	CRANK HANDLE
15	-	-	HALF LINTEL BOX + INSIDE INSULATING MATERIAL
16	1	B734C6	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
16	1	B734C8	TRADI EXPRESS ENTRY GUIDE
17	1	B734C5	TRADI EXPRESS ENTRY GUIDE
OR	OR	OR	
17	1	B734C7	TRADI EXPRESS ENTRY GUIDE



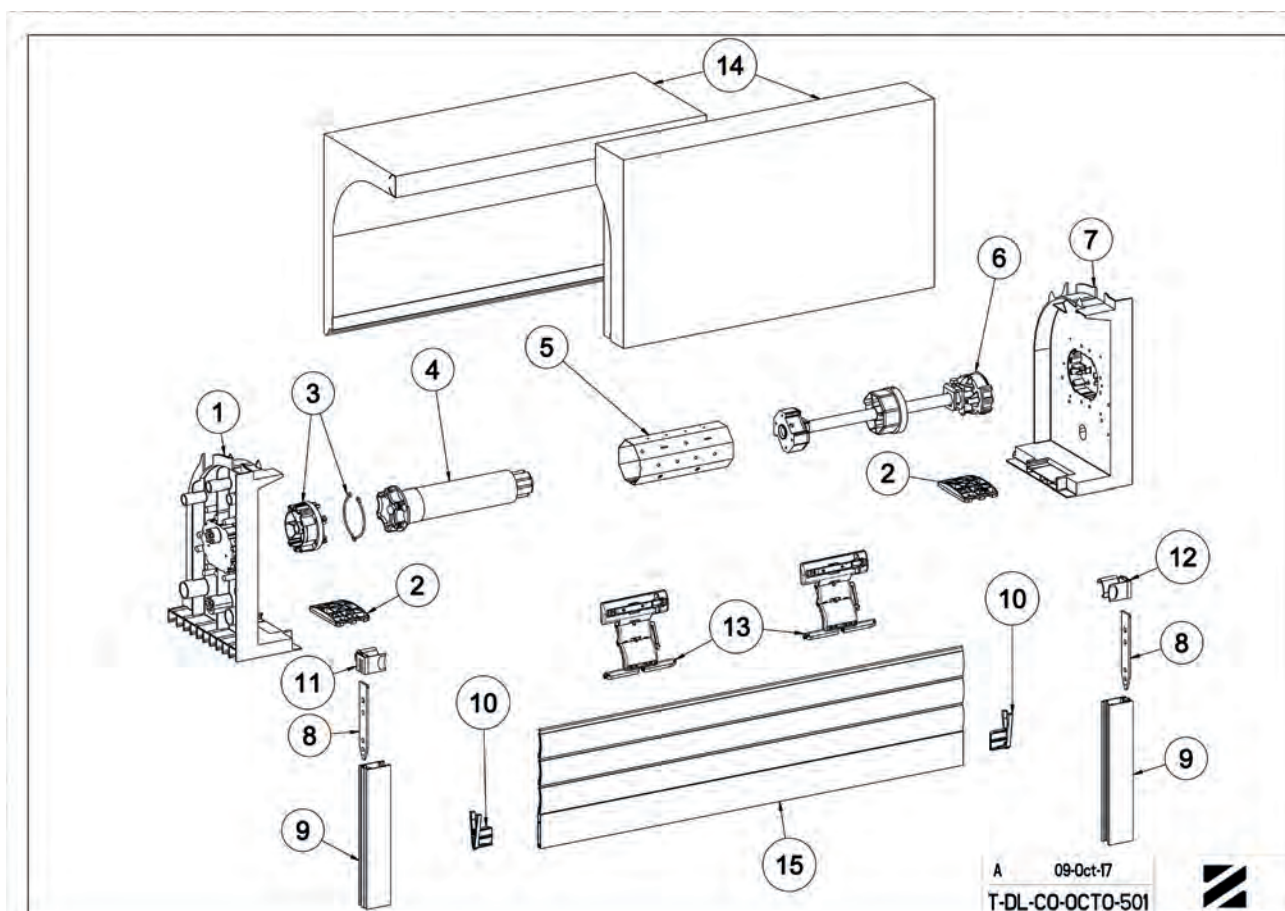
A 16-Oct-17
T-DL-CO-OCTO-301





T-DL-CO-501 - ASSEMBLY COFFRELITE HALF LINTEL - SOMFY MOTOR FOR 60 MM OCTAGONAL TUBE

Mark	Qty	Reference	Description
1+2	1	K358EG	ENDPLATE FOR TUNNEL BOX
3	1	K351A	SOMFY MOTOR SLEEVE
4	1	..	MOTOR SOMFY LT50
5	-	----	60 MM OCTAGONAL TUBE
6	1	K361D	ADJUSTABLE DUMMY END L320 MM FOR OCTOGONAL TUBE 60MM
7	1	K358ED	ENDPLATE FOR TUNNEL BOX
8	2	B732E	ENTRY GUIDE BRACKET
9	-	--	GUIDE RAILS
10	2	Série H177	STOPPER FOR ENDSLAT TRADI AUTO 8 MM SLAT
10	2	Série H178	STOPPER FOR ENDSLAT TRADI AUTO 14 MM SLAT
11	1	B734C6	TRADI EXPRESS ENTRY GUIDE
11	1	B734C8	TRADI EXPRESS ENTRY GUIDE
12	1	B734C5	TRADI EXPRESS ENTRY GUIDE
12	1	B734C7	TRADI EXPRESS ENTRY GUIDE
13	2 Mini	H894A	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
13	2 Mini	H894B	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
13	2 Mini	H894A+H872B	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT + 0
13	2 Mini	H894B+H872B	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS + 0
13	2 Mini	H890A	OCTOCLICK 1 ELEMENT
or	or	or	
13	2 Mini	H890C	OCTOCLICK 2 ELEMENTS
or	or	or	
13	2 Mini	H890E	OCTOCLICK 3 ELEMENTS
14	-	-	HALF LINTEL BOX + INSIDE INSULATING MATERIAL
15	-	-	SHUTTER





ZURFLÜH-FELLER

ROLLER SHUTTER FOR RENOVATION

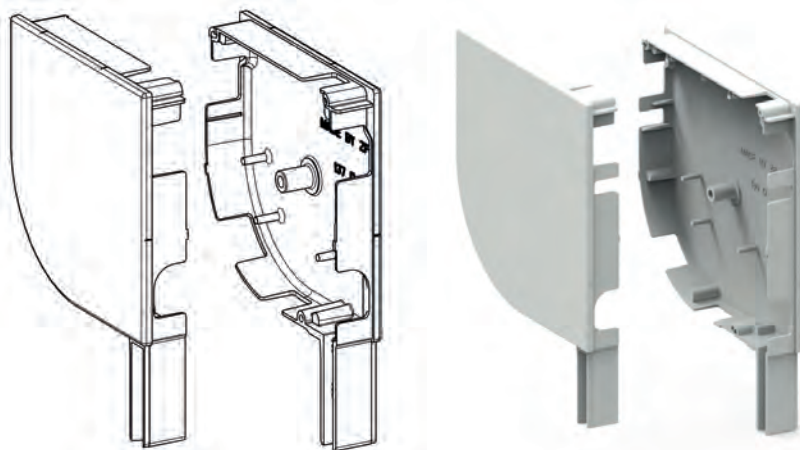
▶ **ALURENO**

327



QUARTER ROUND ENDPLATE

L412A



Features

Raw or lacquered aluminum.
Supplied as a pair with foam bag protection

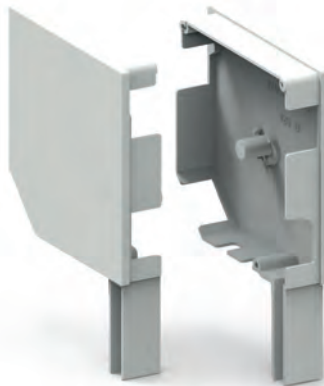
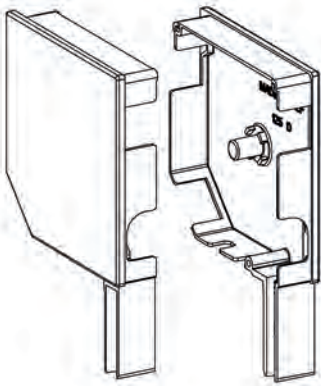
REF.	BOX SIZE	COLOR	PACK.
L412	137	Raw.	25
L412A	137	White 9016 shiny	25
L412AA	137	White RAL 9016 matt	25
L412B	137	Grey 7035	25
L412BA	137	Grey RAL 7016 shiny	25
L412BF	137	Grey RAL 7016 matt	25
L412C	137	Beige RAL 1015	25
L412D	137	Brown RAL 8019	25
L412E	137	White RAL 9010	25
L412F	137	White RAL 9006	25
L412H	137	Beige BR 28	25
L412M	137	Golden Oak RAL 8003 satin	25
L413	150	Raw.	23
L413A	150	White RAL 9016	23
L413AA	150	White RAL 9016 matt	23
L413B	150	Grey RAL 7035 matt	23
L413BA	150	Grey RAL 7016 shiny	23
L413BF	150	Grey RAL 7016 matt	23
L413C	150	Beige RAL 1015 satin	23
L413D	150	Brown RAL 8019 shiny	23
L413E	150	White RAL 9010 satin	23
L413F	150	Grey RAL 9006 matt	23
L413H	150	Beige BR 28	23
L413M	150	Golden oak RAL 8003 satin	23
L414	165	Raw.	20
L414A	165	White 9016 shiny	20
L414AA	165	White RAL 9016 matt	20
L414B	165	Grey RAL 7035 matt	20
L414BA	165	Grey RAL 7016 shiny	20
L414BF	165	Grey RAL 7016 mat	20
L414C	165	Beige RAL 1015 satin	20

REF.	BOX SIZE	COLOR	PACK.
L414D	165	Brown 8019 shiny	20
L414E	165	White RAL 9010 satin	20
L414F	165	Grey RAL 9006 matt	20
L414H	180	Beige BR28	20
L414M	165	Golden oak RAL 8003 satin	20
L415	180	Raw.	19
L415A	180	White RAL 9016 shiny	19
L415AA	180	White RAL 9016 matt	19
L415B	180	Grey RAL 7035 matt	19
L415BA	180	Grey RAL 7016 shiny	19
L415BF	180	Grey RAL 7016 matt	19
L415C	180	Beige RAL 1015 satin	19
L415D	180	Brown RAL 8019	19
L415E	180	White RAL 9010 satin	19
L415F	180	Grey RAL 9006 matt	19
L415H	180	Beige BR 28	19
L415H	180	Golden oak satin	19
L416	205	Raw.	15
L416A	205	White RAL 9016 shiny	15
L416AA	205	White RAL 9016 matt	15
L416B	205	Grey GR 01	15
L416BA	205	Grey RAL 7016 shiny	15
L416BF	205	Grey RAL 7016 matt	15
L416C	205	Beige RAL 1015 satin	15
L416D	205	Brown RAL 8019 shiny	15
L416E	205	White RAL 9010 satin	15
L416F	205	Grey RAL 9006 matt	15
L416H	205	Beige BR 28	15
L416M	205	Golden oak RAL 8003 satin	15



45° CUT ENDPLATE SIZE 125

L421A



Features

Raw or lacquered passivated aluminum.
Supplied as a pair with foam bag protection

Use

Compatible with :

- tape roller
- gearbox with claw coupling
- motor

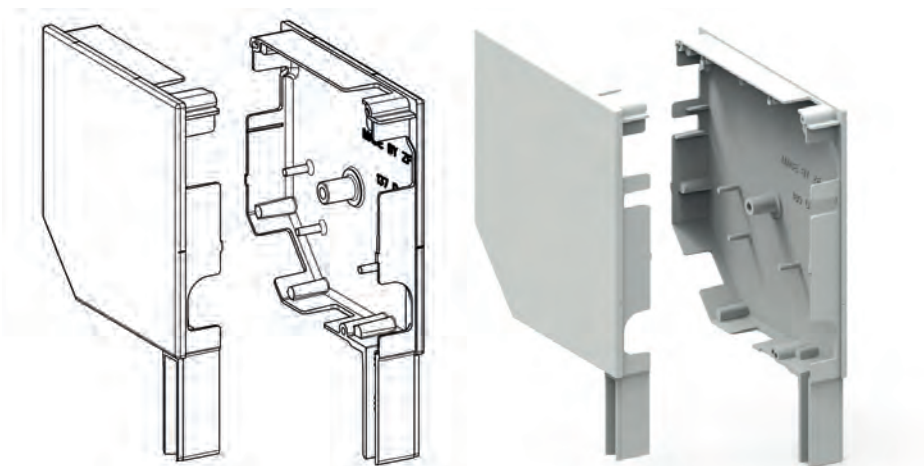
Attention : motor torque maxi 6 Nm

REF.	BOX SIZE	COLOR	PACK.
L421	125	Raw	32
L421A	125	White RAL 9016 shiny	32
L421AA	125	White RAL 9016 matt	32
L421B	125	Grey RAL 7035 matt	32
L421BA	125	Grey RAL 7016 shiny	32
L421C	125	Beige RAL 1015 satin	32
L421D	125	Brown RAL 8019 shiny	32
L421E	125	White RAL 9010 satin	32
L421F	125	Grey RAL 9006 matt	32
L421H	125	Beige RAL 1001	32
L421M	125	Golden Oak RAL 8003 satin	32



45° ENDPLATE

L422A



Features

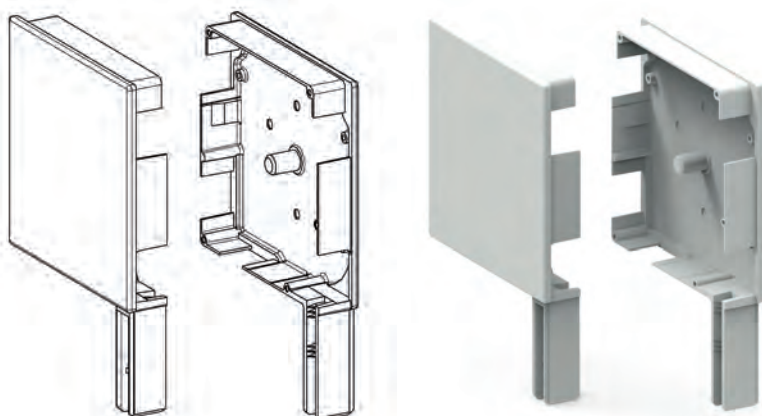
Raw or lacquered passivated aluminum.
Supplied as a pair with foam bag protection

REF.	BOX SIZE	COLOR	PACK.	REF.	BOX SIZE	COLOR	PACK.
L422	137	Raw	25	L424D	165	Brown RAL 8019 shiny	20
L422A	137	White RAL 9016 shiny	25	L424E	165	White RAL 9010 satin	20
L422AA	137	White RAL 9016 matt	25	L424F	165	Grey RAL 9006 matt	20
L422B	137	Grey RAL 7035 matt	25	L424H	165	Beige BR 28	20
L422BA	137	Grey RAL 7016 shiny	25	L424BA	165	Grey RAL 7016 shiny	20
L422BF	137	Grey RAL 7016 matt	25	L424BF	165	Grey RAL 7016 Matt	20
L422C	137	Beige RAL 1015 satin	25	L425A	180	White RAL 9016 shiny	19
L422D	137	Brown RAL 8019 shiny	25	L425AA	180	White RAL 9016 Matt	19
L422E	137	White RAL 9010 satin	25	L425B	180	Grey RAL 7035 Matt	19
L422F	137	Grey RAL 9006 matt	25	L425BA	180	Grey RAL 7016 shiny	19
L422H	137	Beige BR 28	25	L425BF	180	Grey RAL 7016 matt	19
L422M	137	Beige RAL 8003 satin	25	L425C	180	Beige RAL 1015 satin	19
L423	150	Raw.	23	L425D	180	Brown RAL 8019 shiny	19
L423A	150	White RAL 9016 shiny	23	L425E	180	White RAL 9010 satin	19
L423AA	150	White RAL 9016 matt	23	L425F	180	Grey RAL 9006 matt	19
L423B	150	Grey RAL 7035 matt	23	L425H	180	Beige BR28 specific	19
L423BA	150	Grey RAL 7016 shiny	23	L425M	180	Golden Oak RAL 8003 satin	19
L423BF	150	Grey RAL 7016 matt	23	L426	205	Raw	15
L423C	150	Beige RAL 1015 satin	23	L426A	205	White RAL 9016 shiny	15
L423D	150	Brown RAL 8019 shiny	23	L426AA	205	White RAL 9016 matt	15
L423E	150	White RAL 9010 satin	23	L426B	205	Grey RAL 7035 matt	15
L423F	150	Grey RAL 9006 matt	23	L426BA	205	Grey RAL 7016 shiny	15
L423H	150	Beige BR 28	23	L426BF	205	Grey RAL 7016 matt	15
L423M	150	Golden Oak RAL 8003 satin	23	L426C	205	Beige RAL 1015 satin	15
L424	165	Raw.	20	L426D	205	Brown RAL 8019 shiny	15
L424A	165	White RAL 9016 shiny	20	L426E	205	White RAL 9010 satin	15
L424AA	165	White RAL 9016 matt	20	L426F	205	Grey RAL 9006 matt	15
L424B	165	Grey RAL 7035 matt	20	L426H	205	Beige BR28	15
L424BA	165	Grey RAL 7016 shiny	20	L426H	205	Golden Oak RAL 8003 satin	15
L424BF	165	Gris RAL 7016 mat	20				
L424C	165	Beige RAL 1015 satin	20				



90° ENDPLATE

L452E



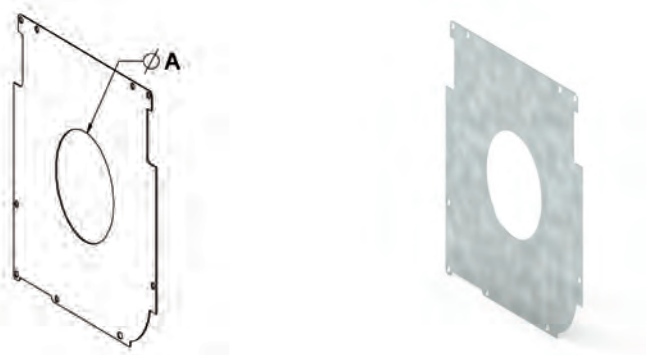
Features

Lacquered passivated aluminum.
Supplied as a pair with foam bag protection

REF.	BOX SIZE	COLOR	PACK.
L452E	137	White RAL 9010 satin	25
L453E	150	White RAL 9010 satin	25
L454E	165	White RAL 9010 satin	25
L455E	180	White RAL 9010 satin	20
L456E	205	White RAL 9010 satin	15

GUIDING PLATE FOR 90° ENDPLATE

L460BA



Features

Galvanized steel thickness 0.5 mm.

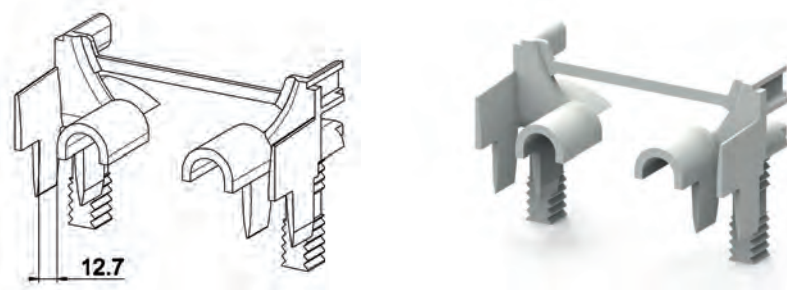
Use

Setting on the endcap with 4 self tapping screws TC D. 3,5 L. 9,5 Ref. 4261.

REF	BOX SIZE	A	PACK.
L460BA	137	55	150
L460CB	150	72	150
L460DA	165	55	150
L460DB	165	72	150
L460EA	180	55	150
L460EB	180	72	150
L460FA	205	55	100
L460FB	205	72	100

ENTRY GUIDE FOR 90° ENDPLATE

L440GA



Features

PP white
Supplied as a pair

REF.	TYPE	PACK.
L440GA	Slat 8 mm	200
L440CA	Slat 14 mm	200

SCREW FOR GUIDING PLATE

4261



Features

Galvanized steel.

Use

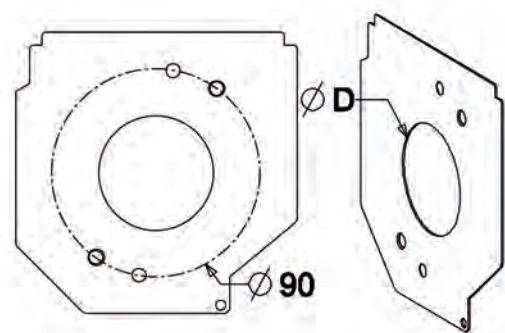
Specific for fixing the plate on square endplate.

REF.	TYPE
4261	500



GUIDING PLATE FOR ALURENO ASSEMBLY SIZE 125

L431B



Features

Galvanized steel thickness 0.8 mm.

Use

Fixing on the endplate with 3 screws TC D 3.9 L = 9.5 : Ref. 4204.

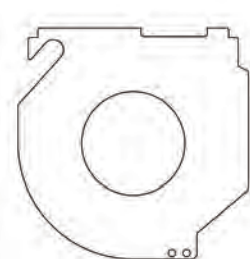
For mounting left or right.

For blocking the Technivis gearboxes : screw TF 3,5 x 13 Ref. 4214 to be used.

REF.	BOX SIZE	D	PACK.
L431A	125	Ø 60	150
L431B	125	Ø 50	150
L431C	125	Ø 70	150

GUIDING PLATE FOR ALURENO ASSEMBLY

L432B



Features

Galvanized steel thickness 0.8 mm.

Use

For guiding the shutter's slats.

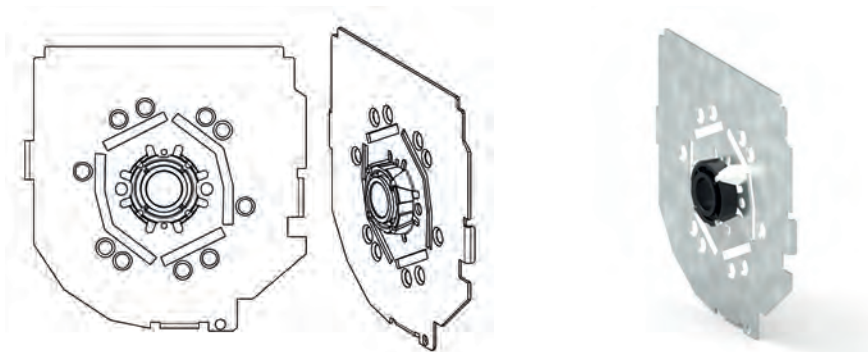
Fixing on the endcap with 3 screws TC D 3.9 L = 9.5: REF. 4204.

REF.	BOX SIZE	A	PACK.
L432A	137	60	150
L432B	137	50	150
L432C	137	70	150
L433A	150	60	100
L433B	150	50	100
L433C	150	70	100
L434A	165	60	100
L434B	165	50	100
L434C	165	70	100
L435A	180	60	50
L435B	180	50	50
L435C	180	70	50
L435C	180	70	50
L436A	205	60	50
L436B	205	50	50
L436C	205	70	50
L436F	205	86	50



PLATE EXCEPT ALURENO ENDPLATE

L433H



Features

Side plate : galvanized steel 1.5 mm thick.
Bearing : black-tinted POM.

Use

To be fixed on standard alu endplate through 3 screws TC D. 3.9 x 9.5 REF. 4204.

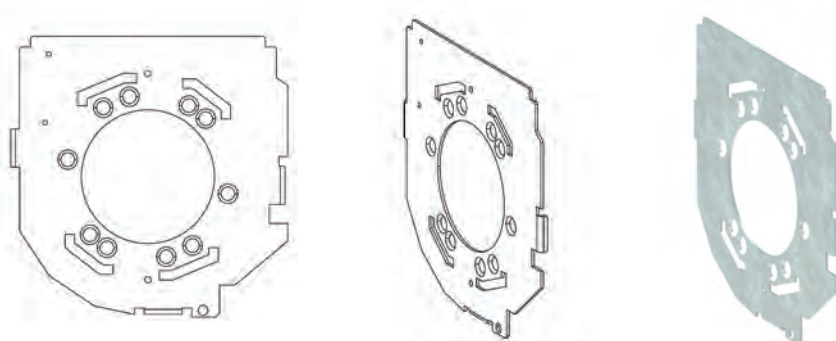
For fixing MSI motors.

Fits 45° and quarter round.

REF.	BOX SIZE	TYPE	PACK.
L433G	150	Left	30
L433H	150	Right	30
L434G	165	Left	30
L434H	165	Right	30
L435G	180	Left	30
L435H	180	Right	30
L436G	205	Left	30
L436H	205	Right	30

GUIDING PLATE FOR MOTOR WITH MANUAL OVERRIDE

L433HP



Features

Galvanized steel thickness 1.5 mm.

Use

Fixing on endcap with 3 screws TC D. 3.9 x 9.5 RÉF. 4204.

Fixed on the motor with the set REF. J546HA.

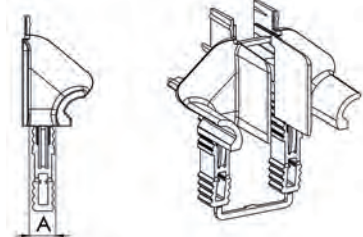
Fits 45° and quarter round.

REF.	BOX SIZE	TYPE	PACK.
L433GP	150	Left	30
L433HP	150	Right	30
L434GP	165	Left	30
L434HP	165	Right	30
L435GP	180	Left	30
L435HP	180	Right	30
L436GP	205	Left	30
L436HP	205	Right	30



SDT ALURENO ENTRY GUIDE

L440A



Features

POM
Supplied as a pair

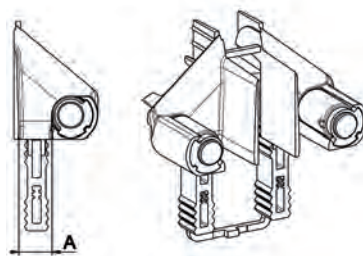
Use

Allows the use of retractable or fixed final slat end stop

RÉF.	TYPE	A	COLOR	PACK.
L440A	Slat 8 mm	11	Natural	200
L440D	Slat 8 mm	11	Black	200
L440C	Slat 14 mm	17	Grey	200

ALURENO ENTRY GUIDE WITH ROLLERS

L440E



Features

POM
Supplied as a pair

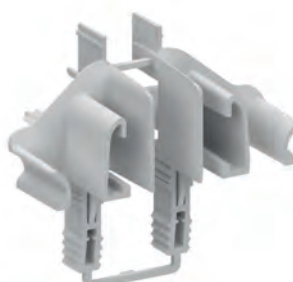
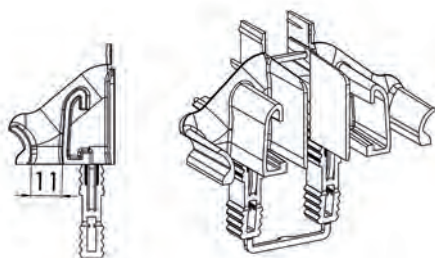
Use

Allows the use of retractable or fixed final slat end stop

RÉF.	TYPE	A	COLOR	PACK.
L440E	Slat 8 mm	11	Raw	200
L440F	Slat 14 mm	17	Grey	200

ALURENO ENTRY GUIDE (INSECT SCREEN INTEGRATED)

L440B



Features

POM
Supplied as a pair

Use

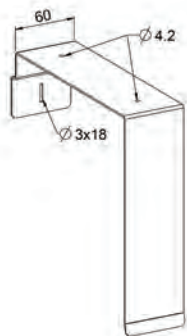
Allows the use of retractable or fixed final slat end stop

RÉF.	TYPE	A	COLOR	PACK.
L440B	Slat 8 mm	11	Raw	50



SHUTTER BOX REINFORCEMENT BRACKET - FOR 205MM SIZE

L441J



Features

Galvanized steel 1.5 mm thick L60mm

Use

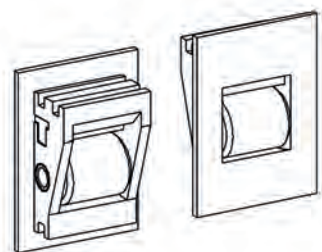
Reinforcement of the box. Provide reinforcement every 80 cm.

RÉF.	TYPE	PACK.
L441J	205	30
L441K	180	30



STRAP GUIDE

G236



Features

Structure : PP.
Roller : PA.
Axis : galvanized steel.

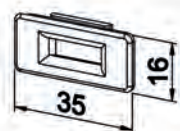
Use

For high horizontal exit.
Mounted on the endcap : put in the pre-cuts of the peripheral wall.
Equipped with a brush joint.

REF.	COLOR	PACK.
G236	White	500
G236A	Brown	500

STRAP EXIT

G215



Features

PA mass tinted

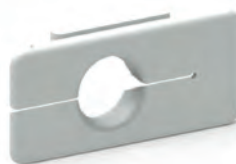
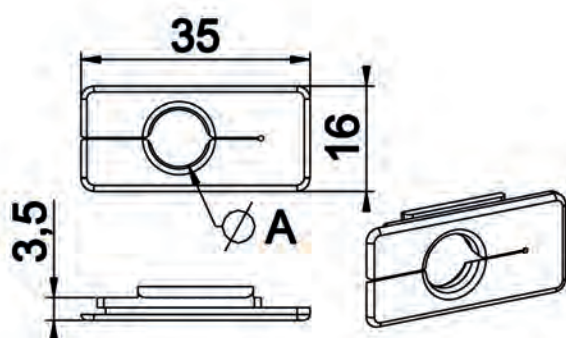
Use

For high horizontal exit.
Mounted on the endcap : put in the pre-cuts of the peripheral wall.
Equipped with a brush joint.

REF.	COLOR	PACK.
G215	White	1500
G209	Grey	1500
G210	Brown	1500

EXIT MOTOR CABLE

G240A



Features

PA mass tinted

Use

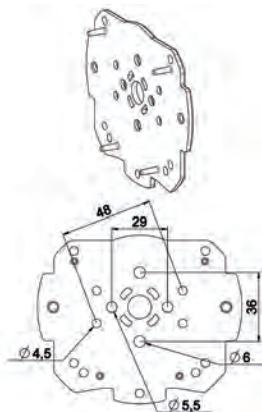
Ensures the protection of the motor cable.
Provided for cable section Ø 7 to 8.75 mm.

REF.	TYPE	COLOR	PACK.
G240A	For Ø 7,5 mm cable	White	1500
G240B	For Ø 7,5 mm cable	Black	1500
G240E	For Ø 8,75 mm cable	White	1500



BRACKET ALURENO VARIOUS MOTORS

K370C20



Features

PA + 30% fiberglass

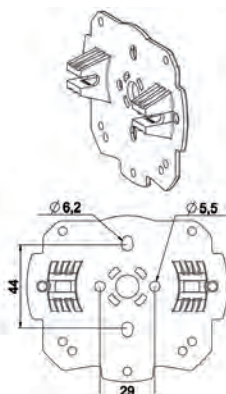
Use

For blocking motors :
Becker, Nice, Elero, Jolly Motor
Possible orientation of the travel limit system buttons :
-either vertical
-or cut-off
-or horizontal
Compatible with all ZF endplates sizes from 125 to 205 and motor with torque maxi 20 Nm.

REF.	PACK.
K370C20	400

BRACKET ALURENO SIMU MOTORS

K370C60



Features

PA + 30% fiberglass

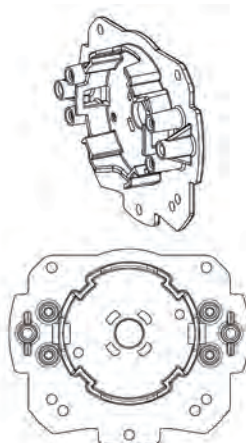
Use

For blocking SIMU motors.
Possible orientation of the travel limit system buttons :
-either vertical
-or cut-off
-or horizontal
Compatible with all ZF endplates sizes from 125 to 205 and motor with torque maxi 35 Nm.

REF.	PACK.
K370C60	300

BRACKET ALURENO NICE MOTORS

K370C90



Features

PA + 30% fiberglass

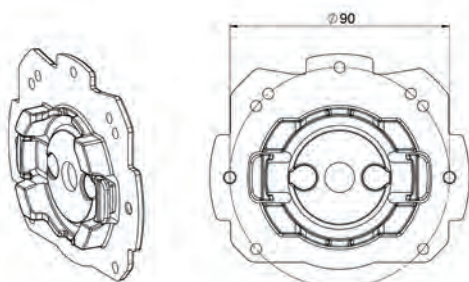
Use

For blocking Nice Max motors : set on motor head through clipping.
Compatible with all ZF endplates sizes from 125 to 205 and motor with torque maxi 20 Nm.
Possible orientation of the travel limit buttons :
-either vertical
-either cut-off
-or horizontal.

REF.	PACK.
K370C90	250

BRACKET ALURENO BECKER MOTORS

K370C82



Features

PA + 30% fiberglass

Use

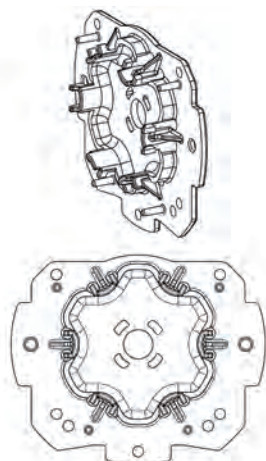
For blocking Becker Max motors : set on motor head through clipping.
Compatible with all ZF endplates sizes from 125 to 205 and motor with torque maxi 20 Nm.
Possible orientation of the travel limit buttons :
-either vertical
-either cut-off
-or horizontal.

REF.	PACK.
K370C82	250



BRACKET ALURENO SOMFY MOTORS

K370C50



Features

PA + 30% fiberglass

Use

Allows immobilization of Somfy motors with star head.

Motor lock with flat ring Ref. J546A3.

Orientation of the travel limit buttons possible :

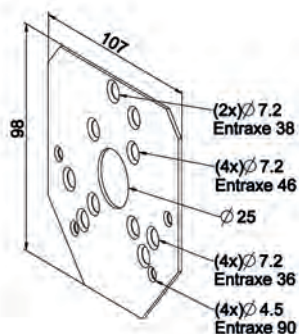
- Either vertical
- Either cut off
- Either horizontal.

Bracket limited to max power motors : 30 Nm.

REF.	TYPE	PACK.
K370C50	Bracket	300
K370CA	With mounted ring on the bracket	100

BRACKET ALURENO LIANDA MOTORS

C525C



Features

Galvanized steel thickness 1.5 mm.

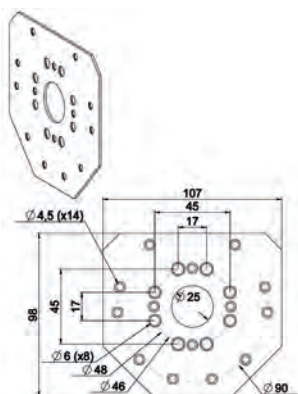
Use

Allows the assembly without screwing of the standard Lianda motors of the NR1 series on the Alureno endplate of size 137 to 230 : immobilization on the 3 pins \varnothing 4.

REF.	PACK.
C525C	100

BRACKET ALURENO CAME & DOOYA MOTORS

C525D



Features

Galvanized steel thickness 1.5 mm.

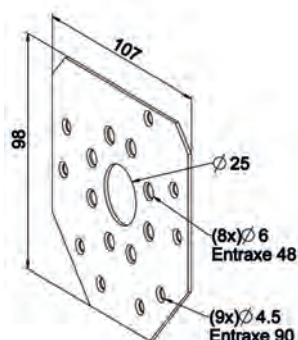
Use

Allows the assembly without screwing of the standard Came and Dooya motors on the Alureno endplate of size 137 to 230 : immobilization on the 3 pins \varnothing 4.

REF.	PACK.
C525D	100

BRACKET ALURENO NICE NEO MH MOTORS

C525E



Features

Galvanized steel thickness 1.5 mm.

Use

Allows the assembly without screwing of the MSI NICE standard motors on the Alureno endplate of size 137 to 230 : immobilization on the 3 pins \varnothing 4.

REF.	PACK.
C525E	100



ALURENO SAFETY RING

4835



Features

Treated steel

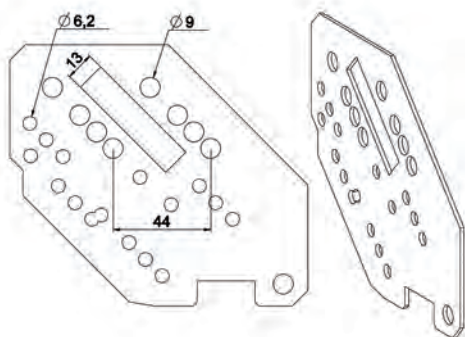
Use

To be set on the Ø 4 pins of the endplate for maintaining the plates type C518 or motor brackets K370C20, K370C50, K370C60 and K370C90 etc...

RÉF.	PACK.
4835	200

ALURENO BRACKET FOR TRIM TAB

C547



Features

Galvanized steel thickness 2 mm.

Use

For using strong pinbautolocks without cutting the endplate :

Put at the bottom of the endplate :

Automatically bautolocked on the dog points + peripheral wall of the endplate.

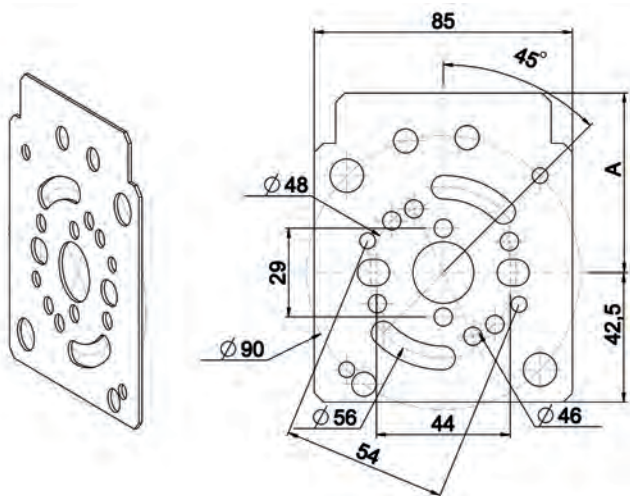
- for mounting the bal bearing Ref. B104

- compatible with 3 box sizes : 165 - 180 and 205.

RÉF.	PACK.
C547	50

IMMOBILIZATION BRACKET FOR DIRECT PULL

C518W



Features

Galvanized steel : thickness 1.2 mm

Use

For immobilizing gearboxes, various motors and ball bearing for direct pulling on aluminium endplates.

Possibility for fixing gearboxes : Minivis (dual distance 56) : Technivis (dual distance 56 and 90) : Vis Frein (hole distance 90).

Allows blocking of B104M1

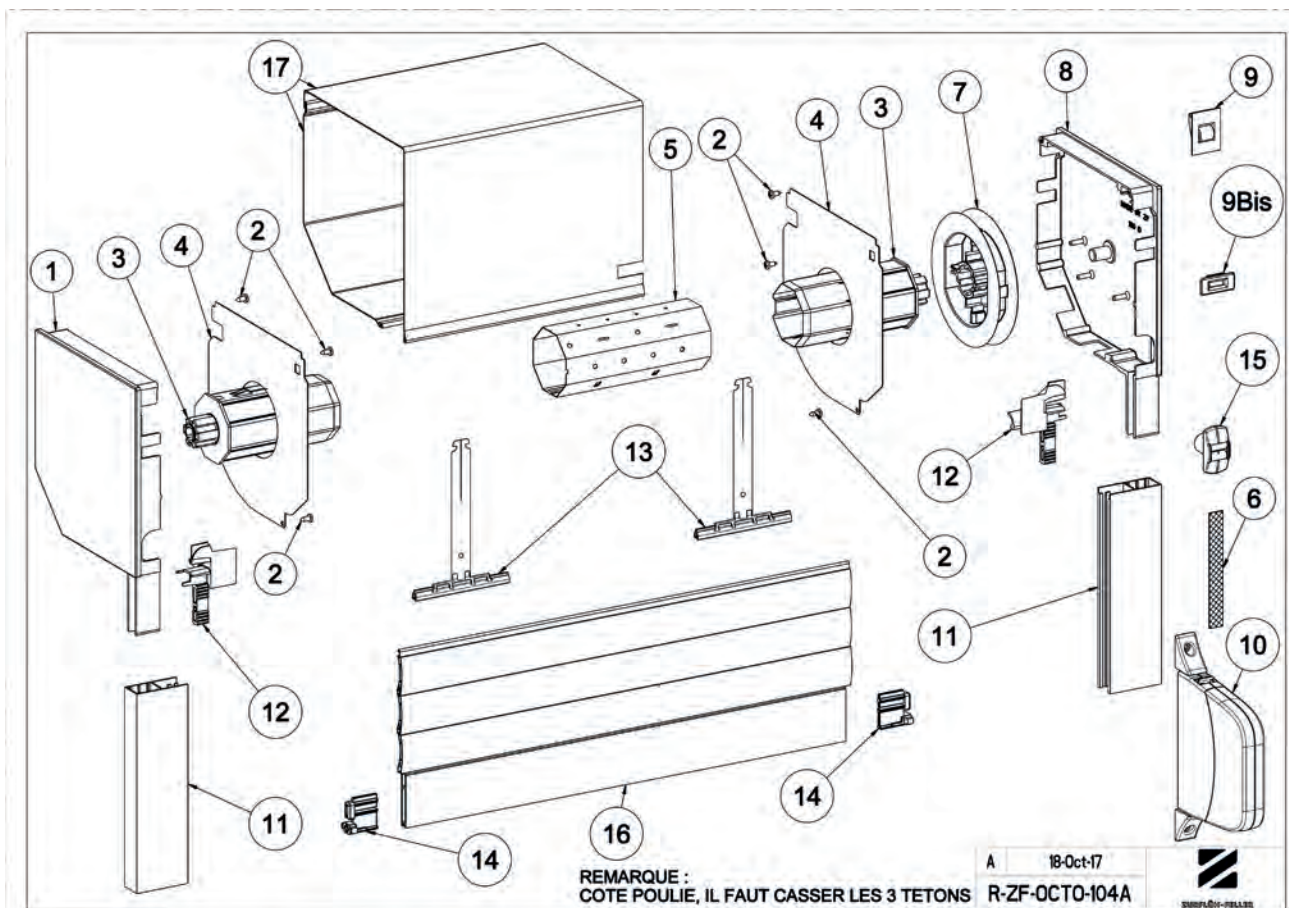
RÉF.	BOX SIZE	A LENGTH	PACK.
C518W	125	59	100
C518H	137	65,5	100
C518B	150	71,5	100
C518X	165	79	100
C518C	180	86,5	100
C518D	205	99	100



R-ZF-104A - ASSEMBLY STRAP COILER - PLATE FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFE-RENCE	DESCRIPTION	SIZE 150	SIZE 165	SIZE 180	SIZE 205
1+8	1	L422A	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423A	L424A	L425A	L426A
OR	OR	OR	WHITE				
1+8	1	L422B	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423B	L424B	L425B	L426B
OR	OR	OR	GREY				
1+8	1	L422C	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423C	L424C	L425C	L426C
OR	OR	OR	BEIGE				
1+8	1	L422D	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423D	L424D	L425D	L426D
OR	OR	OR	BROWN				
1+8	1	L412A	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L413A	L414A	L415A	L416A
OR	OR	OR					
1+8	1	L412B	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L413B	L414B	L415B	L416B
OR	OR	OR					
1+8	1	L412C	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L413C	L414C	L415C	L416C
OR	OR	OR					
1+8	1	L412D	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L413D	L414D	L415D	L416D
2	6	4204	SCREW CBL Z ST 3.9 - 9.5 C ZN8/A/FE	4204	4204	4204	4204
3	2	A483B	RETRACTABLE CAP 60 MM OCTA. CLAW MALE - 12MM BORE	A483B	A483B	A483B	A483B
4	2	L432C	GUIDING PLATE FOR ALURENO ASSEMBLY	L433C	L434C	L435C	L436C
5	---	---	60 MM OCTAGONAL TUBE	---	---	---	---
6	---	G223	STRAP WIDTH 14 MM GREY (800 M ROLL)	G223	G223	G223	G223
7	1	G146	PULLEY WITH CLAW COUPLING Ø 125	G146	G146	G146	G135A
9	1	G236	STRAP GUIDE FOR ALUMINIUM ENDPLATE	G236	G236	G236	G236
OR	OR	OR		OR	OR	OR	OR
9	1	G236A	STRAP GUIDE FOR ALUMINIUM ENDPLATE	G236A	G236A	G236A	G236A
9 BIS	1	G215	STRAP EXIT	G215	G215	G215	G215
OR	OR	OR	WHITE	OR	OR	OR	OR
9 BIS	1	G209	STRAP EXIT	G209	G209	G209	G209
OR	OR	OR	GREY	OR	OR	OR	OR
9 BIS	1	G210	STRAP EXIT	G210	G210	G210	G210
10	1	G570	OPEN UP STRAP COILER WITHOUT STRAP WHITE	G570	G570	G570	G570
11	---	---	GUIDE RAILS	---	---	---	---
12	1	L440A	ENTRY GUIDE (2-PART SET)	L440A	L440A	L440A	L440A
13	2 MINI	H880B	FIXING SPRING TO CLIP L150 GREY 8 MM SLAT	H880B	H880B	H880B	H880B
14	2	H153A	STOPPER FOR ENDSLAT	H153A	H153A	H153A	H153A
OR	OR	OR		OR	OR	OR	OR
14	2	H155A	STOPPER FOR ENDSLAT	H155A	H155A	H155A	H155A
OR	OR	OR		OR	OR	OR	OR
14	2	H166A	STOPPER FOR ENDSLAT	H166A	H166A	H166A	H166A
15	1	G217	STRAP GUIDE WHITE	G217	G217	G217	G217
OR	OR	OR		OR	OR	OR	OR
15	1	G217A	STRAP GUIDE GREY	G217A	G217A	G217A	G217A
OR	OR	OR		OR	OR	OR	OR
15	1	G217B	STRAP GUIDE BROWN	G217B	G217B	G217B	G217B
16	---	---	SHUTTER	---	---	---	---
17	---	---	SHUTTER BOX	---	---	---	---

REMARK :
 USE OF ARTICLE REF. G209...FOR LOWER HORIZONTAL EXIT AND UPPER HORIZONTAL EXIT CUT OFF CORNER SIDE.
 USE OF ARTICLE REF. G236 FOR A BACK UPPER EXIT, ON CUT OFF CORNER AND UNDER FACE.



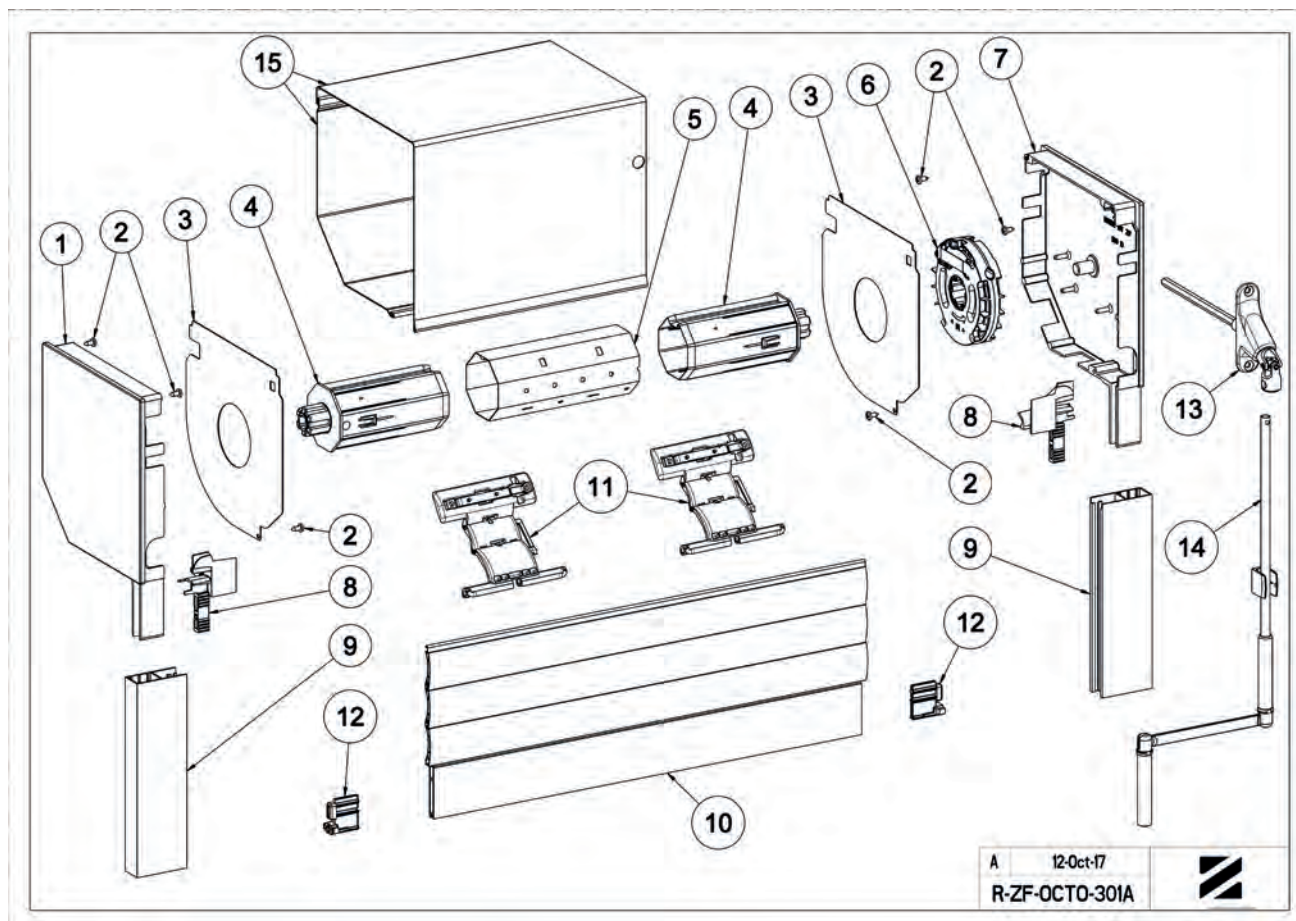


R-ZF-301A - ASSEMBLY FOR TECHNIVIS GEARBOX 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION	SIZE 150	SIZE 165	SIZE 180	SIZE 205
1+7	1	L422A	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423A	L424A	L425A	L426A
OR	OR	OR	WHITE	OR	OR	OR	OR
1+7	1	L422B	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423B	L424B	L425B	L426B
OR	OR	OR	GREY	OR	OR	OR	OR
1+7	1	L422C	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423C	L424C	L425C	L426C
OR	OR	OR	BEIGE	OR	OR	OR	OR
1+7	1	L422D	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423D	L424D	L425D	L426D
OR	OR	OR	BROWN	OR	OR	OR	OR
1+7	1	L412A	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L413A	L414A	L415A	L416A
OR	OR	OR	WHITE	OR	OR	OR	OR
1+7	1	L412B	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L413B	L414B	L415B	L416B
OR	OR	OR	GREY	OR	OR	OR	OR
1+7	1	L412C	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L413C	L414C	L415C	L416C
OR	OR	OR	BEIGE	OR	OR	OR	OR
1+7	1	L412D	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L413D	L414D	L415D	L416D
2	6	420A	SCREW CBL Z ST 3,9 - 9,5 C ZN8/A/FE	420A	420A	420A	420A
3	2	L432C	GUIDING PLATE FOR ALURENO ASSEMBLY	L433C	L434C	L435C	L436C
4	2	A483B	RETRACTABLE CAP 60 MM OCTA. CLAW MALE - 12MM BORE	A483B	A483B	A483B	A483B
5	---	---	60 MM OCTAGONAL TUBE	---	---	---	---
6	1	C370	TECHNIVIS GEARBOX	C370	C370	C370	C370
8	1	L440A	ENTRY GUIDE (2-PART SET)	L440A	L440A	L440A	L440A
9	---	---	GUIDE RAILS	---	---	---	---
10	---	---	SHUTTER	---	---	---	---
11	2 MINI	H894A	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT	H894A	H894A	H894B	H894B
11	2 MINI	H890A	OCTOCLICK 1 ELEMENT	H890A	H890A	H890C	H890C
12	2	H153A	STOPPER FOR ENDSLAT	H153A	H153A	H153A	H153A
12	2	H155A	STOPPER FOR ENDSLAT	H155A	H155A	H155A	H155A
12	2	H166A	STOPPER FOR ENDSLAT	H166A	H166A	H166A	H166A
13	1	SERIE D590	CARDAN JOINT 90 ° SMALL PLATE 7 MM HEXA	SERIE D590	SERIE D590	SERIE D590	SERIE D590
14	1	SERIE E6XX	CRANK HANDLE	SERIE E6XX	SERIE E6XX	SERIE E6XX	SERIE E6XX
15	---	---	SHUTTER BOX	---	---	---	---

REMARK :

FOR A SHUTTER WEIGHT MORE THAN 16 KG, REPLACE CAP MARK 4 BY A DUMMY END A491 ON THE OPPOSITE SIDE.



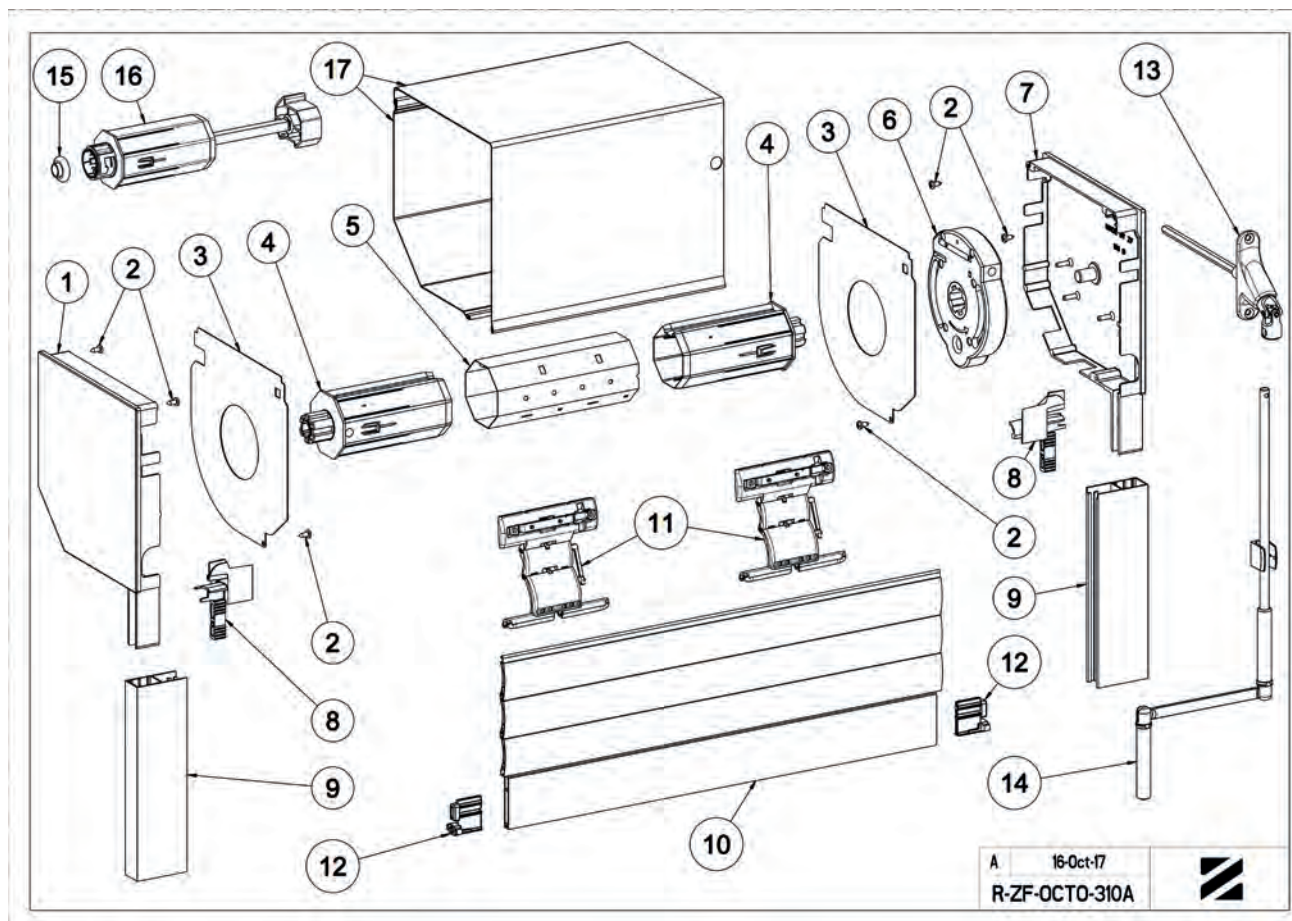
A 12-Oct-17
R-ZF-OCTO-301A





**R-ZF-310A - ASSEMBLY FOR GEARBOX 7 : 1 GEARBOX WITH CLUTCH SYSTEM
FOR 60 MM OCTAGONAL TUBE**

MARK	QTY	REFERENCE	DESCRIPTION	SIZE 150	SIZE 165	SIZE 180	SIZE 205
1+7	1	L422A	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423A	L424A	L425A	L426A
OR	OR	OR	WHITE	OR	OR	OR	OR
1+7	1	L422B	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423B	L424B	L425B	L426B
OR	OR	OR	GREY	OR	OR	OR	OR
1+7	1	L422C	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423C	L424C	L425C	L426C
OR	OR	OR	BEIGE	OR	OR	OR	OR
1+7	1	L422D	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423D	L424D	L425D	L426D
OR	OR	OR	BROWN	OR	OR	OR	OR
1+7	1	L412A	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L413A	L414A	L415A	L416A
OR	OR	OR	WHITE	OR	OR	OR	OR
1+7	1	L412B	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L413B	L414B	L415B	L416B
OR	OR	OR	GREY	OR	OR	OR	OR
1+7	1	L412C	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L413C	L414C	L415C	L416C
OR	OR	OR	BEIGE	OR	OR	OR	OR
1+7	1	L412D	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L413D	L414D	L415D	L416D
2	6	4204	SCREW CBL Z ST 3,9 - 9,5 C ZN8/A/FE	4204	4204	4204	4204
3	2	L432C	GUIDING PLATE FOR ALURENO ASSEMBLY	L433C	L434C	L435C	L436C
4	2	A483B	RETRACTABLE CAP 60 MM OCTA. CLAW MALE - 12MM BORE	A483B	A483B	A483B	A483B
5	-	----	60 MM OCTAGONAL TUBE	----	----	----	----
6	1	C191C	GEARBOX	C191C	C191C	C191C	C191C
8	1	L440A	ENTRY GUIDE (2-PART SET)	L440A	L440A	L440A	L440A
9	-	--	GUIDE RAILS	--	--	--	--
10	-	-	SHUTTER	-	-	-	-
11	2MINI	H894A	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT	H894A	H894A	H894B	H894B
11	2MINI	H890A	OCTOCLICK 1 ELEMENT	H890A	H890A	H890C	H890C
12	2	H153A Å H166A	RETRACTABLE STOPPER FOR ENDSLAT	H153A Å H166A	H153A Å H166A	H153A Å H166A	H153A Å H166A
13	1	SERIE D590	CARDAN JOINT 90 ° SMALL PLATE 7 MM HEXA	SERIE D590	SERIE D590	SERIE D590	SERIE D590
14	1	SERIE E6XX	CRANK HANDLE	SERIE E6XX	SERIE E6XX	SERIE E6XX	SERIE E6XX
17	-	---	SHUTTER BOX OPTION : FOR A SHUTTER WEIGHT MORE THAN 16 KG, REPLACE MARK 4 BY :	---	---	---	---
15	1	B132	BALL BEARING DIAMETER 28/12MM. 12 MM TH.	B132	B132	B132	B132
16	1	A484A	RETRACTABLE DUMMY END FOR 60 OCTAGONAL 28MM BEARING	A484A	A484A	A484A	A484A



A 16-Oct-17
R-ZF-OCTO-310A





R-ZF-350 - ASSEMBLY RETRACTABLE GEARBOX FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION	SIZE 150	SIZE 165	SIZE 180	SIZE 205
1	1	L422A	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423A	L424A	L425A	L426A
OR	OR	OR	WHITE	OR	OR	OR	OR
1	1	L422B	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423B	L424B	L425B	L426B
OR	OR	OR	GREY	OR	OR	OR	OR
1	1	L422C	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423C	L424C	L425C	L426C
OR	OR	OR	BEIGE	OR	OR	OR	OR
1	1	L422D	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423D	L424D	L425D	L426D
2	3	4204	SCREW CBL Z ST 3.9 - 9.5 C ZN8/A/FE	4204	4204	4204	4204
3	1	L432C	GUIDING PLATE FOR ALURENO ASSEMBLY	L433C	L434C	L435C	L436C
4	1	A483B	RETRACTABLE CAP 60 MM OCTA. CLAW MALE - 12MM BORE	A483B	A483B	A483B	A483B
5	-	---	60 MM OCTAGONAL TUBE	---	---	---	---
6	1	A483A	RETRACTABLE CAP 60 MM OCTA. BEARING Ø 18 / 10 MM SQUARE	A483A	A483A	A483A	A483A
7	1	4202	SCREW CBL Z ST 3.5 - 13 C ZN8/A/FE	4202	4202	4202	4202
8	1	L201	FIXED PLATE + SLIDE BEARING B131 POLYRENO	L203	L203	L205	L206
9	1	L102	POLYRENO CONSOLE	L103	L104	L105	L106
10	1	L346	POLYRENO TELESCOPE	L346	L346	L346	L346
11	1	4214	SCREW F Z ST 3.5 - 13 C ZN8/C/FE DIN7982	4214	4214	4214	4214
12	1	L362	POLYRENO COVER 45° WHITE	L363	L364	L365	L366
OR	OR	OR	OR	OR	OR	OR	OR
12	1	L362A	POLYRENO COVER 45° GREY	L363A	L364A	L365A	L366A
OR	OR	OR	OR	OR	OR	OR	OR
12	1	L362C	POLYRENO COVER 45° BEIGE	L363C	L364C	L365C	L366C
OR	OR	OR	OR	OR	OR	OR	OR
12	1	L362B	POLYRENO COVER 45° BROWN	L363B	L364B	L365B	L366B
13	1	4823	RING E 863 D11	4823	4823	4823	4823
14	1	C302	GEARBOX MINIVIS THICKN. 22	C302	C302	C302	C302
OR	OR	OR	OR	OR	OR	OR	OR
14	1	C304	GEARBOX MINIVIS THICKN. 22	C304	C304	C304	C304
15	1	4242	SCREW CBL Z ST 3.9-22.4 F BS72	4242	4242	4242	4242
16	1	A605	DRIVE 10 MM SQUARE	A605	A605	A605	A605
OR	OR	OR	OR	OR	OR	OR	OR
16	1	A605A	DRIVE 10 MM SQUARE	A605A	A605A	A605A	A605A
17	1	SERIE D590	CARDAN JOINT 90° SMALL PLATE 7 MM HEXA	SERIE D590	SERIE D590	SERIE D590	SERIE D590
18	1	SERIE E6XX	CRANK HANDLE	SERIE E6XX	SERIE E6XX	SERIE E6XX	SERIE E6XX
19	1	L340	FASTENING HOOK	L340	L340	L340	L340
20	1	L330	TULIP (PAIR) FOR BUILT-IN BOX OR TUNNEL BOX	L330	L330	L330	L330
21	-	---	GUIDE RAILS	---	---	---	---
22	2 MINI	H894A	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT	H894A	H894A	H894B	H894B
OR	OR	OR	OR	OR	OR	OR	OR
22	2 MINI	H890A	OCTOCLICK 1 ELEMENT	H890A	H890A	H890C	H890C
23	1	L440A	ENTRY GUIDE (2-PART SET)	L440A	L440A	L440A	L440A
24	-	---	SHUTTER	---	---	---	---
25	2	H153A Å H166A	RETRACTABLE STOPPER FOR ENDSLAT	H153A Å H166A	H153A Å H166A	H153A Å H166A	H153A Å H166A
26	-	---	SHUTTER BOX	---	---	---	---

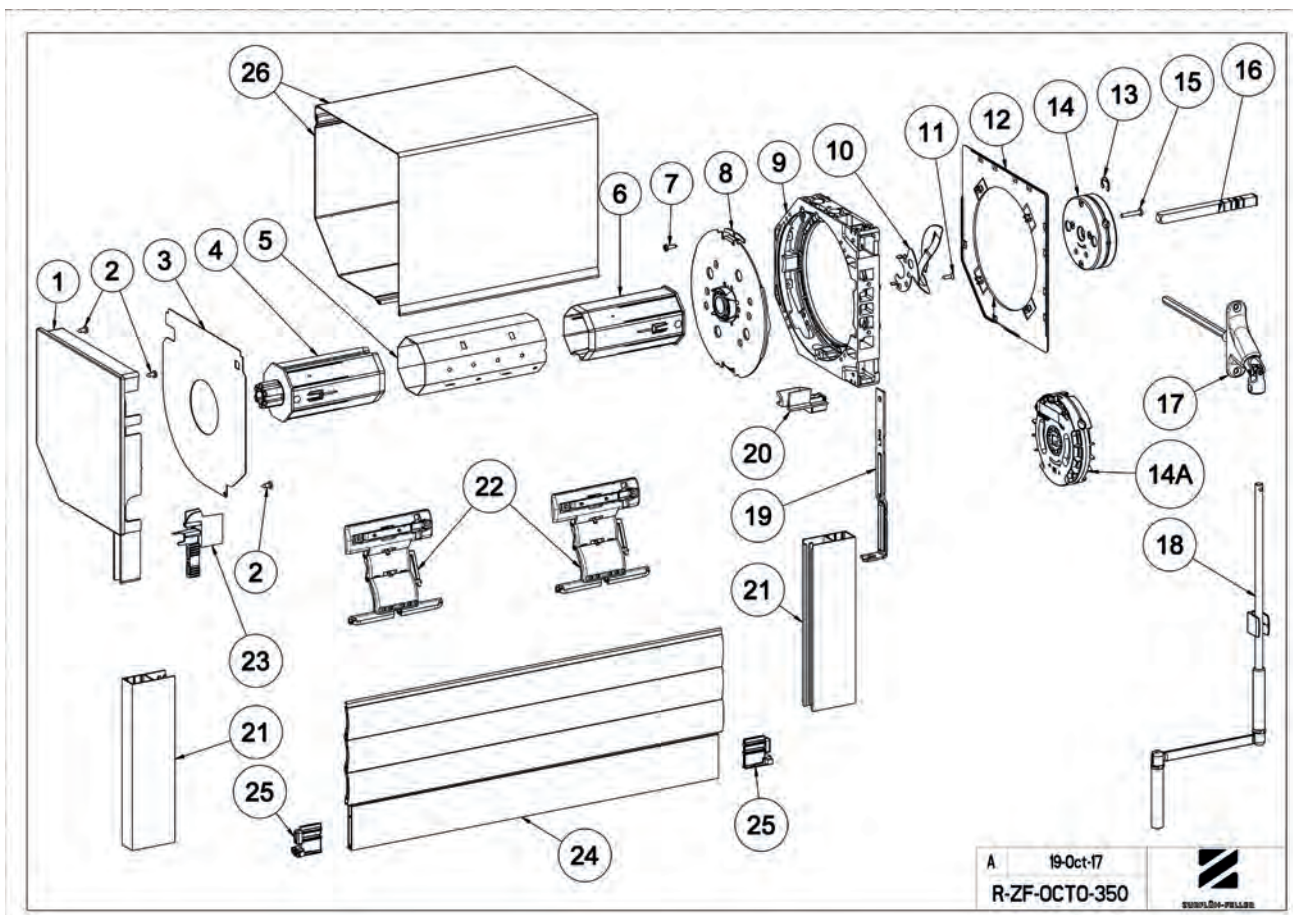
REMARK :
PIECES MARK 7+8+9 CAN DELIVERED MOUNTED UNDER THE FOLLOWING REFERENCES :

L102N	L103N	L104N	L105N	L106N
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ASSEMBLY POSSIBLE IN ROUND EXCEPT FOR 165 MM SIZE

OPTION :

POSSIBILITY TO USE TECHNIVIS GEAR MARK 14A REF C370C, EXCEPT IN THE 137 MM BOX



A 19-Oct-17
R-ZF-OCTO-350

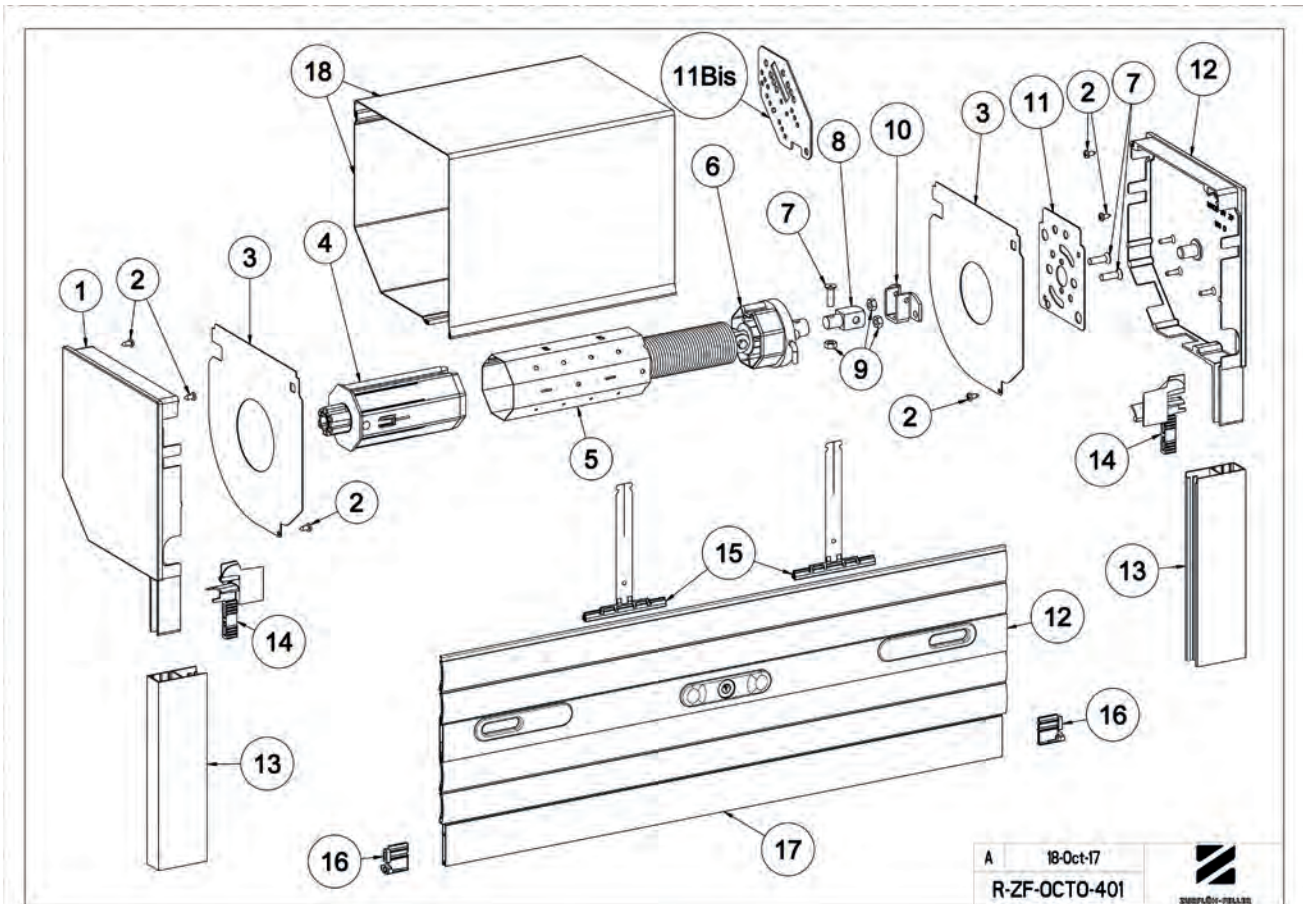




R-ZF-401 - ASSEMBLY FOR DIRECT PULL - 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION	SIZE 150	SIZE 165	SIZE 180	SIZE 205
1+12	1	L422A	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423A	L424A	L425A	L426A
OR	OR	OR	WHITE	OR	OR	OR	OR
1+12	1	L422B	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423B	L424B	L425B	L426B
OR	OR	OR	GREY	OR	OR	OR	OR
1+12	1	L422C	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423C	L424C	L425C	L426C
OR	OR	OR	BEIGE	OR	OR	OR	OR
1+12	1	L422D	ALUMINIUM ENDPLATE (2-PART SET) 45°	L423D	L424D	L425D	L426D
OR	OR	OR	BROWN	OR	OR	OR	OR
1+12	1	L412A	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L413A	L414A	L415A	L416A
OR	OR	OR	WHITE	OR	OR	OR	OR
1+12	1	L412B	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L413B	L414B	L415B	L416B
OR	OR	OR	GREY	OR	OR	OR	OR
1+12	1	L412C	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L413C	L414C	L415C	L416C
OR	OR	OR	BEIGE	OR	OR	OR	OR
1+12	1	L412D	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L413D	L414D	L415D	L416D
2	6	4204	SCREW CBL Z ST 3,9 - 9,5 C ZN8/A/FE	4204	4204	4204	4204
3	2	L432C	GUIDING PLATE FOR ALURENO ASSEMBLY	L433C	L434C	L435C	L436C
4	1	A483B	RETRACTABLE CAP 60 MM OCTA. CLAW MALE - 12MM BORE	A483B	A483B	A483B	A483B
5	-	---	60 MM OCTAGONAL TUBE	---	---	---	---
6	1	A866	SPRING LEFT FOR 60 MM OCTAGONAL TUBE DIRECT PULL	A866	A866	A866	A866
OR	OR	OR		OR	OR	OR	OR
6	1	A867	SPRING LEFT FOR 60 MM OCTAGONAL TUBE DIRECT PULL	A867	A867	A867	A867
7	3	4115	SCREW F Z M 6-20 RL ZN8/A/FE	4115	4115	4115	4115
8	1	B100	ADAPTER FOR SPRING	B100	B100	B100	B100
9	3	4507	NUT H M6 ECOLUBRIC BLACK DIN 934	4507	4507	4507	4507
10	1	B104M1	BRACKET	B104M1	B104M1	B104M1	B104M1
11	1	C518W	GEARBOX / MOTOR BRACKET FOR ALUMINIUM ENDPLATES	C518W	C518W	C518W	C518W
12	1	SÉRIE H809A.	INTERMEDIATE SLAT AUTOLOCK	SÉRIE H809A.	SÉRIE H809A.	SÉRIE H809A.	SÉRIE H809A.
OR	OR	OR		OR	OR	OR	OR
12	1	SÉRIE H809J.	INTERMEDIATE SLAT AUTOLOCK	SÉRIE H809J.	SÉRIE H809J.	SÉRIE H809J.	SÉRIE H809J.
13	-	---	GUIDE RAILS	---	---	---	---
14	1	L440A	ENTRY GUIDE (2-PART SET)	L440A	L440A	L440A	L440A
15	2MINI	H880B	FIXING SPRING TO CLIP L150 GREY 8 MM SLAT	H880B	H880B	H880B	H880B
16	2	H153A	STOPPER FOR ENDSLAT	H153A	H153A	H153A	H153A
OR	OR	OR		OR	OR	OR	OR
16	2	H155A	STOPPER FOR ENDSLAT	H155A	H155A	H155A	H155A
OR	OR	OR		OR	OR	OR	OR
16	2	H166A	STOPPER FOR ENDSLAT	H166A	H166A	H166A	H166A
17	-	---	SHUTTER	---	---	---	---
18	-	---	SHUTTER BOX	---	---	---	---

OPTION : POSSIBILITY TO REPLACE MARK 11 BY MARK 11 BIS : REF C547 EXCEPT IN 137 MM SIZE
 11BIS 1 C547 OFFSET SUPPORT

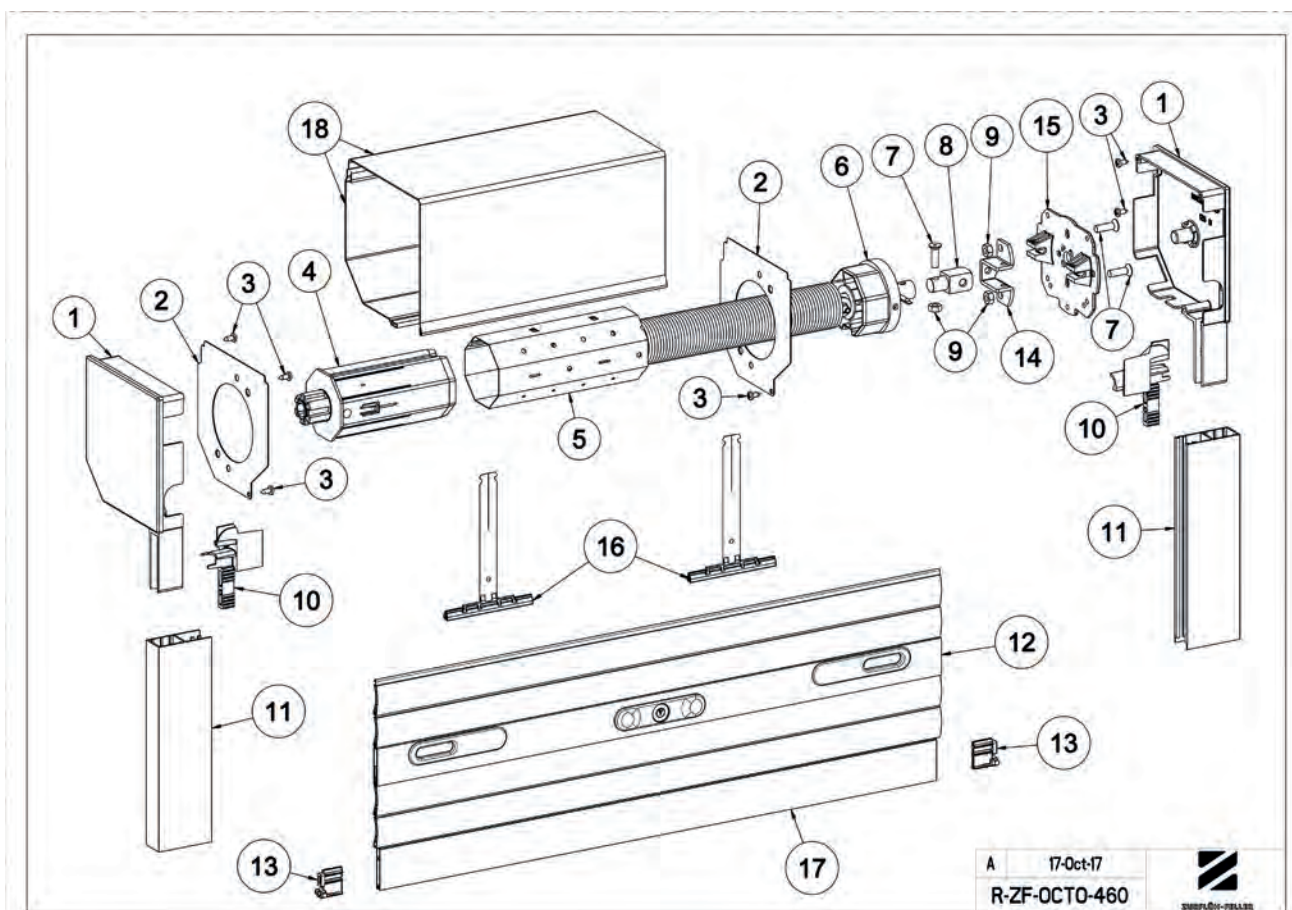


A 18-Oct-17
 R-ZF-OCTO-401



R-ZF-460 - ASSEMBLY FOR DIRECT PULL 125 MM SIZE - 60 MM OCTAGONAL TUBE

Mark	Qty	Reference	Description
1	1	L421A	ALUMINIUM Endplate (2-PART SET) 45°
or	or	or	WHITE
1	1	L421B	ALUMINIUM Endplate (2-PART SET) 45°
or	or	or	GREY
1	1	L421C	ALUMINIUM Endplate (2-PART SET) 45°
or	or	or	BEIGE
1	1	L421D	ALUMINIUM Endplate (2-PART SET) 45°
2	2	L431C	GUIDING PLATE FOR ALURENO ASSEMBLY
3	6	4204	SCREW CBL Z ST 3,9 - 9,5
4	1	A483B	RETRACTABLE CAP 60 mm OCTA. CLAW MALE - 12mm bore
5	-	---	60 MM OCTAGONAL TUBE
6	1	A866	SPRING LEFT FOR 60 MM OCTAGONAL TUBE DIRECT PULL
or	or	or	
6	1	A867	SPRING LEFT FOR 60 MM OCTAGONAL TUBE DIRECT PULL
7	3	4115	SCREW F Z M 6-20 RL Zn8/A/Fe
8	1	B100	ADAPTER FOR SPRING
9	3	4507	NUT
10	1	L440A	ENTRY GUIDE (2-PART SET)
11	-	--	GUIDE RAILS
12	1	Série H809A.	INTERMEDIATE SLAT Autolock
or	or	or	
12	1	Série H809J.	INTERMEDIATE SLAT Autolock
13	2	H153A	STOPPER FOR ENDSLAT
or	or	or	
13	2	H155A	STOPPER FOR ENDSLAT
or	or	or	
13	2	H166A	STOPPER FOR ENDSLAT
14	1	B104M1	BRACKET
15	1	K370C60	SUPPORT FOR SIMU MOTOR
16	2 Mini	H880B	FIXING SPRING TO CLIP L150 GREY 8 MM SLAT
17	-	-	SHUTTER



A 17-Oct-17
R-ZF-OCTO-460





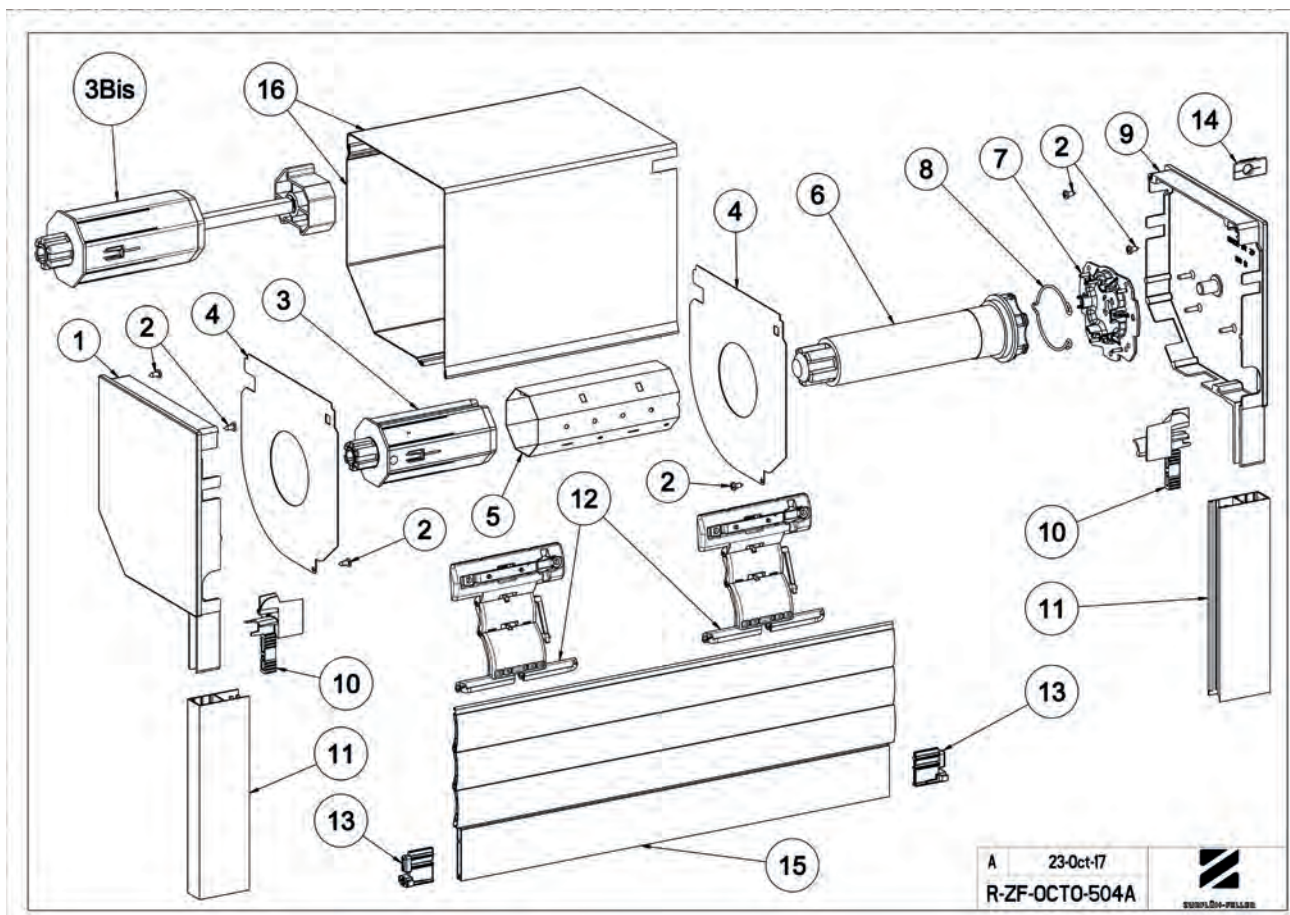
R-ZF-504A - ASSEMBLY FOR SOMFY MOTOR - 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION	SIZE 137	SIZE 150	SIZE 165	SIZE 180	SIZE 205
1+9	1	L421A	ALUMINIUM ENDPLATE (2-PART SET) 45°	L422A	L423A	L424A	L425A	L426A
OR	OR	OR	WHITE	OR	OR	OR	OR	OR
1+9	1	L421B	ALUMINIUM ENDPLATE (2-PART SET) 45°	L422B	L423B	L424B	L425B	L426B
OR	OR	OR	GREY	OR	OR	OR	OR	OR
1+9	1	L421C	ALUMINIUM ENDPLATE (2-PART SET) 45°	L422C	L423C	L424C	L425C	L426C
OR	OR	OR	BEIGE	OR	OR	OR	OR	OR
1+9	1	L421D	ALUMINIUM ENDPLATE (2-PART SET) 45°	L422D	L423D	L424D	L425D	L426D
OR	OR	OR	BROWN	OR	OR	OR	OR	OR
1+9	1		ALUMINIUM END PLATE QUARTER ROUND WHITE	L412A	L413A	L414A	L415A	L416A
OR	OR	OR		OR	OR	OR	OR	OR
1+9	1		ALUMINIUM END PLATE QUARTER ROUND GREY	L412B	L413B	L414B	L415B	L416B
OR	OR	OR		OR	OR	OR	OR	OR
1+9	1		ALUMINIUM END PLATE QUARTER ROUND BEIGE	L412C	L413C	L414C	L415C	L416C
OR	OR	OR		OR	OR	OR	OR	OR
1+9	1		ALUMINIUM END PLATE QUARTER ROUND BROWN	L412D	L413D	L414D	L415D	L416D
2	6	4204	SCREW CBL Z ST 3,9 - 9,5 C ZN8/A/FE	4204	4204	4204	4204	4204
3	1	A483B	RETRACTABLE CAP 60 MM OCTA. CLAW MALE - 12MM BORE	A483B	A483B	A483B	A483B	A483B
4	2	L431C	GUIDING PLATE FOR ALURENO ASSEMBLY	L432C	L433C	L434C	L435C	L436C
5		---	60 MM OCTAGONAL TUBE	---	---	---	---	---
6	1		MOTOR SOMFY LT50					
7	1	K370C50	METALLIC SUPPORT 100 X 100 FOR SOMFY MOTOR	K370C50	K370C50	K370C50	K370C50	K370C50
8	1	J546A3	RING FOR SOMFY MOTOR BRACKET	J546A3	J546A3	J546A3	J546A3	J546A3
10	1	L440A	ENTRY GUIDE (2-PART SET)	L440A	L440A	L440A	L440A	L440A
11	-	--	GUIDE RAILS	--	--	--	--	--
12	2MINI	H894A	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT	H894A	H894A	H894B	H894B	H894B
OR	OR	OR		OR	OR	OR	OR	OR
12	2MINI	H890A	OCTOCLICK 1 ELEMENT	H890A	H890A	H890C	H890C	H890C
		H153A A		H153A A	H153A A	H153A A	H153A A	H153A A
13	2	H166A	STOPPER FOR ENDSLAT	H166A	H166A	H166A	H166A	H166A
14	1	G240A	CABLE OUTPUT	G240A	G240A	G240A	G240A	G240A
OR	OR	OR		OR	OR	OR	OR	OR
14	1	G240B	CABLE OUTPUT	G240B	G240B	G240B	G240B	G240B
OR	OR	OR		OR	OR	OR	OR	OR
14	1	G240E	CABLE OUTPUT	G240E	G240E	G240E	G240E	G240E
OR	OR	OR		OR	OR	OR	OR	OR
14	1	G240F	CABLE OUTPUT	G240F	G240F	G240F	G240F	G240F
15	-	--	SHUTTER	--	--	--	--	--
16		---	SHUTTER BOX	---	---	---	---	---

OPTION : FOR A SHUTTER WEIGHT MORE THAN 16 KG : REPLACE CAP MARK 3 (A483B) BY DUMMY END MARK 3BIS (A484)

3BIS 1 A484 RETRACTABLE DUMMY END FOR 60 OCTAGONAL 12MM HOLE

REMARK : POSSIBILITY TO RECEIVE SUPPORT MARK 7 WITH RING MARK 8 MOUNTED : REF OF THIS SET : K370CA



A 23-Oct-17
R-ZF-OCTO-504A





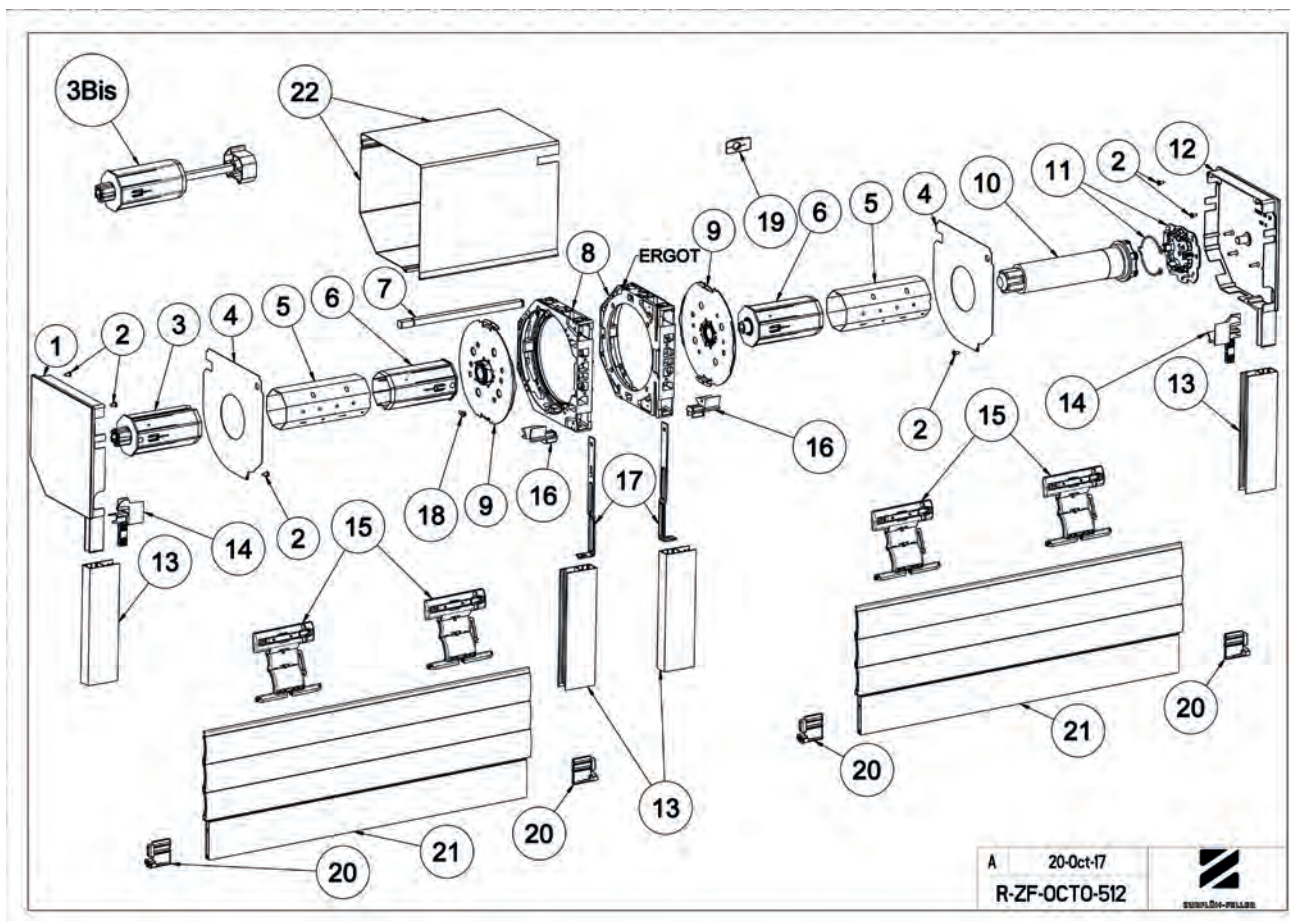
**R-ZF-512 - ASSEMBLY FOR SOMFY MOTOR DOUBLE SHUTTERS 2 AXIS - 60 MM OCTA-
GONAL TUBE**

Mark	Qty	Reference	Description	Size 150	Size 165	Size 180	Size 205
1+12	1	L422A	ALUMINIUM Endplate (2-PART SET) 45°	L423A	L424A	L425A	L426A
or	or	or	WHITE	or	or	or	or
1+12	1	L422B	ALUMINIUM Endplate (2-PART SET) 45°	L423B	L424B	L425B	L426B
or	or	or	GREY	or	or	or	or
1+12	1	L422C	ALUMINIUM Endplate (2-PART SET) 45°	L423C	L424C	L425C	L426C
or	or	or	BEIGE	or	or	or	or
1+12	1	L422D	ALUMINIUM Endplate (2-PART SET) 45°	L423D	L424D	L425D	L426D
2	6	4204	SCREW CBL Z ST 3,9 - 9,5	4204	4204	4204	4204
3	1	A483B	RETRACTABLE CAP 60 mm OCTA. CLAW MALE - 12mm bore	A483B	A483B	A483B	A483B
4	2	L432C	GUIDING PLATE FOR ALURENO ASSEMBLY	L433C	L434C	L435C	L436C
5	---	---	60 MM OCTAGONAL TUBE	---	---	---	---
6	2	A483A	RETRACTABLE CAP 60 mm OCTA. BEARING Ø 18 / 10 mm SQUARE	A483A	A483A	A483A	A483A
7	1	A605A	DRIVE 10 MM SQUARE	A605A	A605A	A605A	A605A
8	2	L102	POLYRENO CONSOLE	L103	L104	L105	L106
9	2	L201	FIXED PLATE + SLIDE BEARING B131 POLYRENO	L203	L203	L205	L206
10	1	..	MOTOR SOMFY LT50	..	..	..	..
11	1	K370CA	METALLIC SUPPORT 100 X 100 FOR SOMFY MOTOR	K370CA	K370CA	K370CA	K370CA
13	---	---	GUIDE RAILS	---	---	---	---
14	1	L440A	ENTRY GUIDE (2-PART SET)	L440A	L440A	L440A	L440A
15	4 Mini	H894A	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT	H894A	H894A	H894B	H894B
15	4 Mini	H890A	OCTOCLICK 1 ELEMENT	H890A	H890A	H890C	H890C
16	1	L330	TULIP (PAIR) FOR BUILT-IN BOX OR TUNNEL BOX	L330	L330	L330	L330
17	2	L340	FASTENING HOOK	L340	L340	L340	L340
18	1	4205	SCREW CBL Z ST 4,2 - 13 C Zn8/A/Fe x 200	4205	4205	4205	4205
19	1	G240A	CABLE OUTPUT	G240A	G240A	G240A	G240A
or	or	or		or	or	or	or
19	1	G240B	CABLE OUTPUT	G240B	G240B	G240B	G240B
or	or	or		or	or	or	or
19	1	G240E	CABLE OUTPUT	G240E	G240E	G240E	G240E
or	or	or		or	or	or	or
19	1	G240F	CABLE OUTPUT	G240F	G240F	G240F	G240F
20	4	H153A à H166A	STOPPER FOR ENDSLAT	H153A à H166A	H153A à H166A	H153A à H166A	H153A à H166A
21	---	---	SHUTTER	---	---	---	---
22	---	---	SHUTTER BOX	---	---	---	---

Option : roller shutter over 16kg

3Bis	1	A491	RETRACTABLE DUMMY END FOR ZF 54 TUBE FOR 12mm PIN MALE CLAW COUPLING				
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ASSEMBLY POSSIBLE IN ROUND VERSION EXCEPT IN 165 MM SIZE



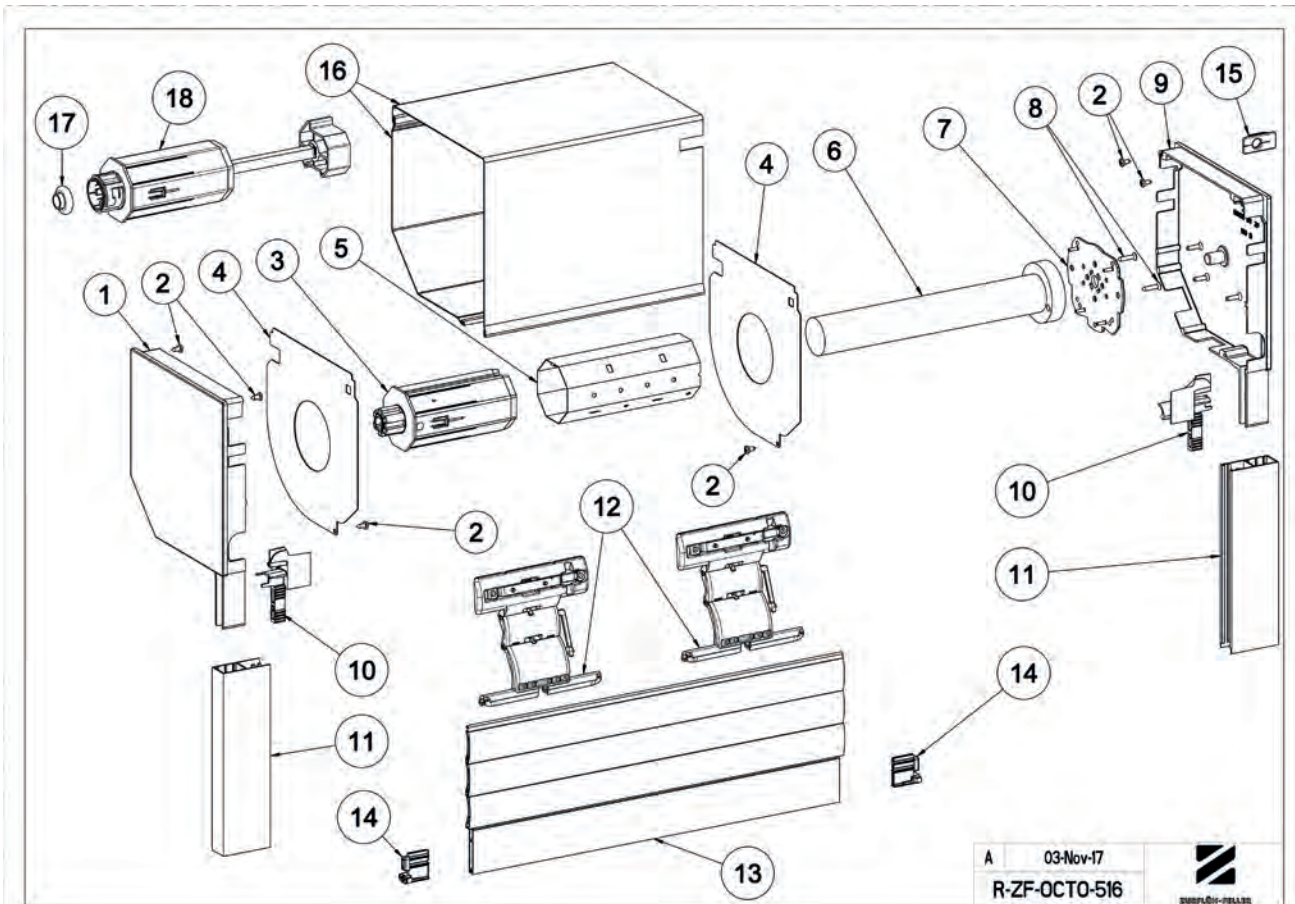
A 20-Oct-17
R-ZF-OCTO-512





R-ZF-516 - ASSEMBLY FOR UNIVERSAL MOTOR MAXI 20 NM FOR 60 MM OCTAGONAL TUBE

Mark	Qty	Reference	Description	Size 137	Size 150	Size 165	Size 180	Size 205
1+9	1	L421A	ALUMINIUM Endplate (2-PART SET) 45°	L422A	L423A	L424A	L425A	L426A
or	or	or	WHITE	or	or	or	or	or
1+9	1	L421B	ALUMINIUM Endplate (2-PART SET) 45°	L422B	L423B	L424B	L425B	L426B
or	or	or	GREY	or	or	or	or	or
1+9	1	L421C	ALUMINIUM Endplate (2-PART SET) 45°	L422C	L423C	L424C	L425C	L426C
or	or	or	BEIGE	or	or	or	or	or
1+9	1	L421D	ALUMINIUM Endplate (2-PART SET) 45°	L422D	L423D	L424D	L425D	L426D
or	or	or	BROWN	or	or	or	or	or
1+9	1		ALUMINIUM END PLATE QUARTER ROUND WHITE	L412A	L413A	L414A	L415A	L416A
or	or	or		or	or	or	or	or
1+9	1		ALUMINIUM END PLATE QUARTER ROUND GREY	L412B	L413B	L414B	L415B	L416B
or	or	or		or	or	or	or	or
1+9	1		ALUMINIUM END PLATE QUARTER ROUND BEIGE	L412C	L413C	L414C	L415C	L416C
or	or	or		or	or	or	or	or
1+9	1		ALUMINIUM END PLATE QUARTER ROUND BROWN	L412D	L413D	L414D	L415D	L416D
2	6	4204	SCREW CBL Z ST 3,9 - 9,5	4204	4204	4204	4204	4204
3	1	A483B	RETRACTABLE CAP 60 mm OCTA. CLAW MALE - 12mm bore	A483B	A483B	A483B	A483B	A483B
4	2	L431C	GUIDING PLATE FOR ALURENO ASSEMBLY	L432C	L433C	L434C	L435C	L436C
5	-	----	60 MM OCTAGONAL TUBE	----	----	----	----	----
6	1	....	UNIVERSAL MOTOR	....	....	....	....	....
7	1	K370C20	SUPPORT FOR VARIOUS MOTORS	K370C20	K370C20	K370C20	K370C20	K370C20
8	2		SCREW					
10	1	L440A	ENTRY GUIDE (2-PART SET)	L440A	L440A	L440A	L440A	L440A
11	-	--	GUIDE RAILS	--	--	--	--	--
12	2Mini	H894A	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT	H894A	H894A	H894B	H894B	H894B
or	or	or		or	or	or	or	or
12	2Mini	H890A	OCTOCLICK 1 ELEMENT	H890A	H890A	H890C	H890C	H890C
13	-	-	SHUTTER	-	-	-	-	-
14	2	H153A à H166A	STOPPER FOR ENDSLAT	H153A à H166A	H153A à H166A	H153A à H166A	H153A à H166A	H153A à H166A
15	1	G240A	CABLE OUTPUT	G240A	G240A	G240A	G240A	G240A
or	or	or		or	or	or	or	or
15	1	G240B	CABLE OUTPUT	G240B	G240B	G240B	G240B	G240B
or	or	or		or	or	or	or	or
15	1	G240E	CABLE OUTPUT	G240E	G240E	G240E	G240E	G240E
or	or	or		or	or	or	or	or
15	1	G240F	CABLE OUTPUT	G240F	G240F	G240F	G240F	G240F
16	-	---	SHUTTER BOX	---	---	---	---	---
Option : for a shutter weight over 16 Kg, replace mark 3 by :								
17	1	B132	BALL BEARING DIAMETER 28/12mm. 12 mm Th.	B132	B132	B132	B132	B132
18	1	A484A	RETRACTABLE DUMMY END FOR 60 OCTAGONAL 28mm BEARING	A484A	A484A	A484A	A484A	A484A



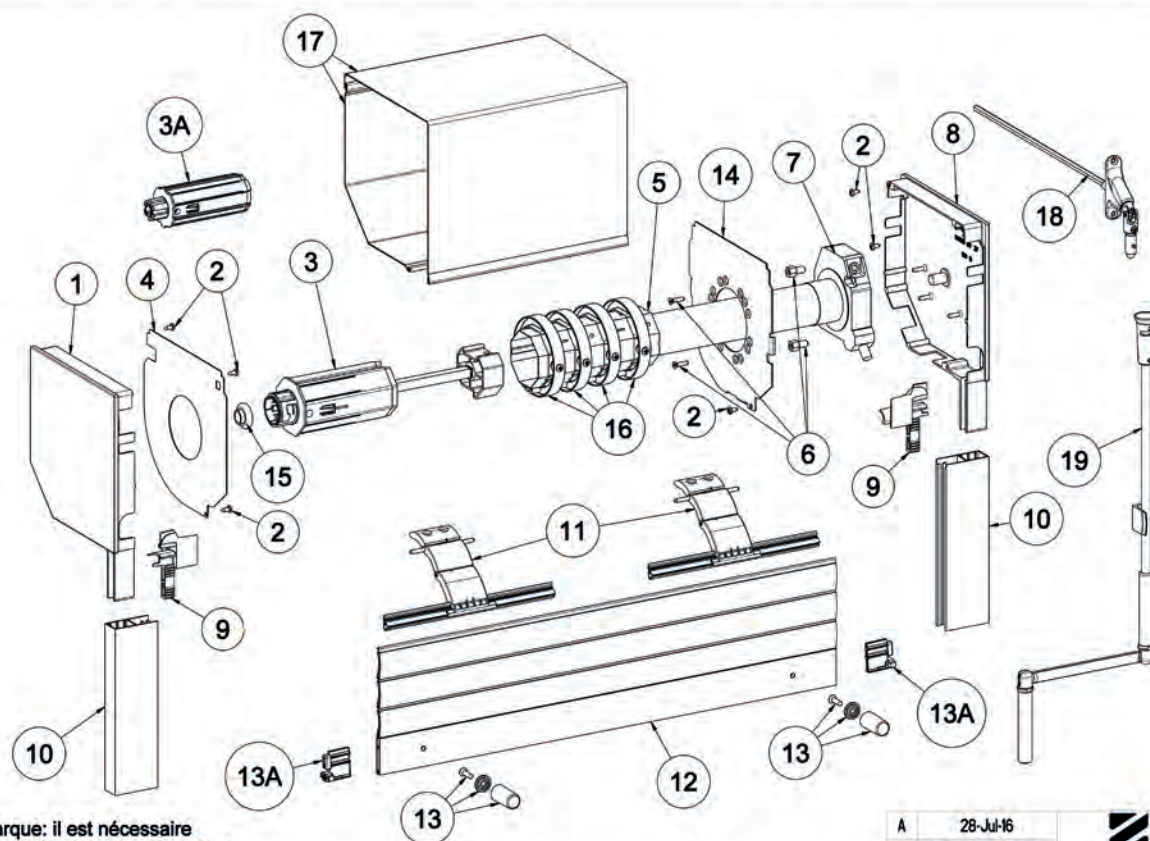
A 03-Nov-17
R-ZF-OCTO-516





**R-ZF-527 - ASSEMBLY FOR SIMU OR SOMFY MOTOR WITH MANUAL OVERRIDE -
FOR 60 MM OCTAGONAL TUBE**

MARK	QTY	REFERENCE	DESCRIPTION	SIZE 165	SIZE 180	SIZE 205
1+8	1	L423A	ALUMINIUM ENDPLATE (2-PART SET) 45°	L424A	L425A	L426A
OR	OR	OR	WHITE	OR	OR	OR
1+8	1	L423B	ALUMINIUM ENDPLATE (2-PART SET) 45°	L424B	L425B	L426B
OR	OR	OR	GREY	OR	OR	OR
1+8	1	L423C	ALUMINIUM ENDPLATE (2-PART SET) 45°	L424C	L425C	L426C
OR	OR	OR	BEIGE	OR	OR	OR
1+8	1	L423D	ALUMINIUM ENDPLATE (2-PART SET) 45°	L424D	L425D	L426D
OR	OR	OR	BROWN	OR	OR	OR
1+8	1	L413A	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L414A	L415A	L416A
OR	OR	OR	WHITE	OR	OR	OR
1+8	1	L413B	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L414B	L415B	L416B
OR	OR	OR	GREY	OR	OR	OR
1+8	1	L413C	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L414C	L415C	L416C
OR	OR	OR	BEIGE	OR	OR	OR
1+8	1	L413D	ALUMINIUM ENDPLATE (2-PART SET) QUARTER ROUND	L414D	L415D	L416D
2	6	4204	SCREW CBL Z ST 3,9 - 9,5	4204	4204	4204
3	1	A484A	RETRACTABLE DUMMY END FOR 60 OCTAGONAL 28MM BEARING	A484A	A484A	A484A
4	1	L433C	GUIDING PLATE FOR ALURENO ASSEMBLY	L434C	L435C	L436C
5	-	---	60 MM OCTAGONAL TUBE	---	---	---
6	1	J546HA	VERRIDE MOTOR FIXING SET	J546HA	J546HA	J546HA
7	1	....	UNIVERSAL MOTOR	....	....	....
9	1	L440A	ENTRY GUIDE (2-PART SET)	L440A	L440A	L440A
OR	OR	OR		OR	OR	OR
9	1	L440C	ENTRY GUIDE (2-PART SET)	L440C	L440C	L440C
10	-	--	GUIDE RAILS	--	--	--
11	2 MINI	H855	BLOCKSUR AUTOAUTOLOCK 1 ELEMENT 8 MM SLAT	H844	H844	H844
OR	OR	OR		OR	OR	OR
11	2 MINI	H856	BLOCKSUR AUTOAUTOLOCK 1 ELEMENT 14 MM SLAT	H818	H818	H818
12	-	-	SHUTTER	-	-	-
13	2	H135	ROUND STOPPER WITH RING AND SCREW	H135	H135	H135
OR	OR	OR		OR	OR	OR
13A	2	H153A H166A	STOPPER FOR ENDSLAT	H153A À H166A H153A À H166A H153A À H166A		
14	1	L433HP	ALURENO PLATE FOR MOTOR WITH EMERGENCY OPERATING SYSTEM	L434HP	L435HP	L436HP
15	1	B132	BALL BEARING DIAMETER 28/12MM. 12 MM TH.	B132	B132	B132
16	4 MINI	H823	RING Ø 88 MM	H823	H823	H823
17	-	---	SHUTTER BOX	---	---	---
18	1	D592DA	DOUBLE CARDAN JOINT HEXAGONAL 7 MM L. 355 FOR FUNNEL NICKEL	D592DA	D592DA	D592DA
19	1	E599A	REMOVABLE HANDLE	E599A	E599A	E599A
REMARK : FOR A LEFT OPERATION, ONLY REFERENCE OF FIXED PLATE MARK 14 CHANGES.						
14	1	L433GP	ALURENO PLATE FOR MOTOR WITH EMERGENCY OPERATING SYSTEM	L434GP	L435GP	L436GP
OPTION : FOR A SHUTTER WEIGHT LESS OR EQUAL TO 16 KG, POSSIBILITY TO REPLACE MARK 3+15 BY :						
3A	1	A483B	RETRACTABLE CAP 60 MM OCTA. CLAW MALE - 12MM BORE			



Remarque: il est nécessaire de casser les tetons coté moteur

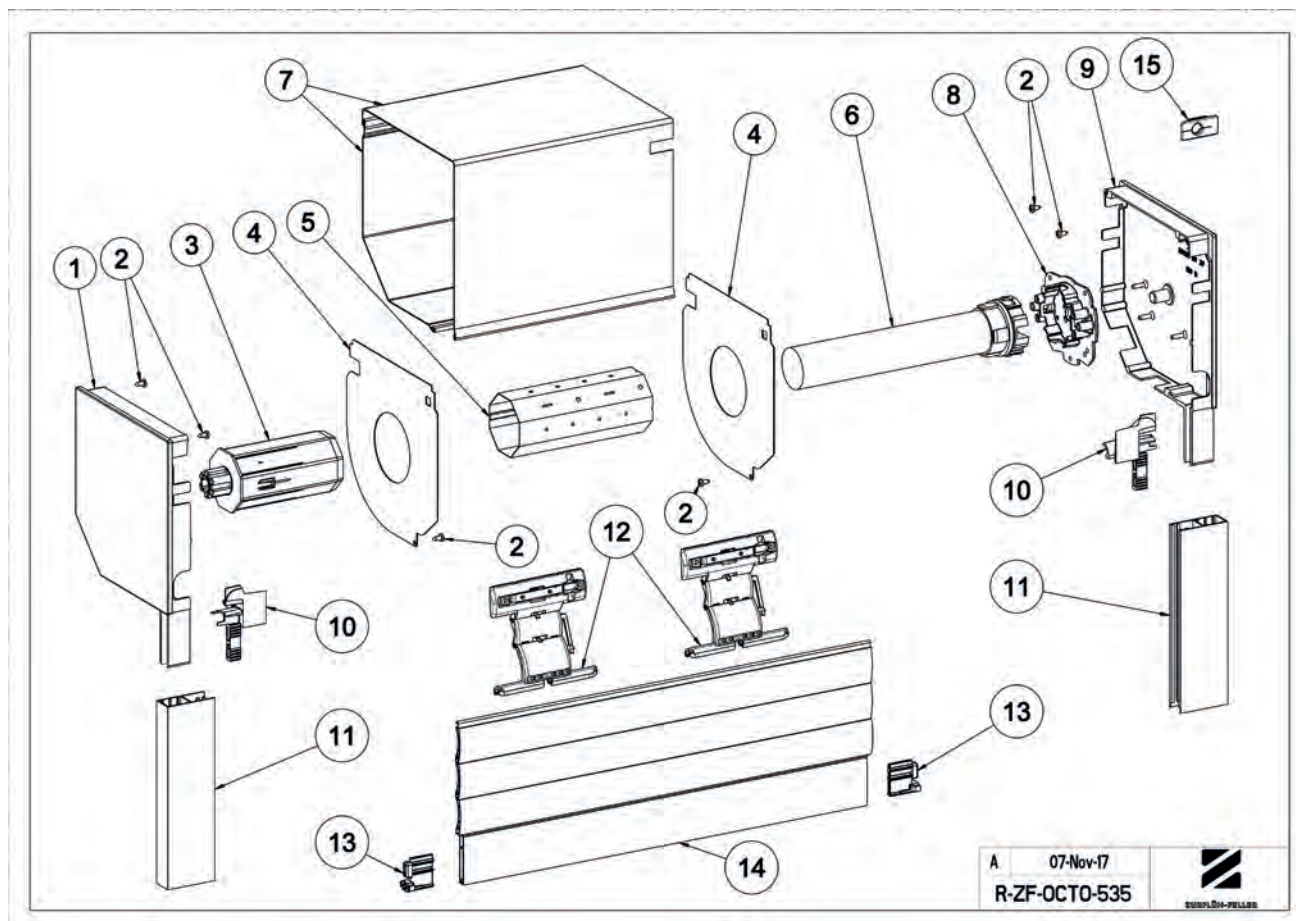
A 28-Jul-16
R-ZF-OCTO-527





R-ZF-535 - ASSEMBLY FOR NICE MAX MOTOR FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION	SIZE 137	SIZE 150	SIZE 165	SIZE 180	SIZE 205
1+9	1	L421A	ALUMINIUM ENDPLATE (2-PART SET) 45°	L422A	L423A	L424A	L425A	L426A
OR	OR	OR	WHITE	OR	OR	OR	OR	OR
1+9	1	L421B	ALUMINIUM ENDPLATE (2-PART SET) 45°	L422B	L423B	L424B	L425B	L426B
OR	OR	OR	GREY	OR	OR	OR	OR	OR
1+9	1	L421C	ALUMINIUM ENDPLATE (2-PART SET) 45°	L422C	L423C	L424C	L425C	L426C
OR	OR	OR	BEIGE	OR	OR	OR	OR	OR
1+9	1	L421D	ALUMINIUM ENDPLATE (2-PART SET) 45°	L422D	L423D	L424D	L425D	L426D
OR	OR	OR	BROWN	OR	OR	OR	OR	OR
1+9	1		ALUMINIUM END PLATE QUARTER ROUND WHITE	L412A	L413A	L414A	L415A	L416A
OR	OR	OR		OR	OR	OR	OR	OR
1+9	1		ALUMINIUM END PLATE QUARTER ROUND GREY	L412B	L413B	L414B	L415B	L416B
OR	OR	OR		OR	OR	OR	OR	OR
1+9	1		ALUMINIUM END PLATE QUARTER ROUND BEIGE	L412C	L413C	L414C	L415C	L416C
OR	OR	OR		OR	OR	OR	OR	OR
1+9	1		ALUMINIUM END PLATE QUARTER ROUND BROWN	L412D	L413D	L414D	L415D	L416D
2	6	4204	SCREW CBL Z ST 3,9 - 9,5	4204	4204	4204	4204	4204
3	1	A483B	RETRACTABLE CAP 60 MM OCTA. CLAW MALE - 12MM BORE	A483B	A483B	A483B	A483B	A483B
4	2	L431C	GUIDING PLATE FOR ALURENO ASSEMBLY	L432C	L433C	L434C	L435C	L436C
5	-	----	60 MM OCTAGONAL TUBE	----	----	----	----	----
6	1	----	NICE MAX MOTOR	----	----	----	----	----
7	-	----	SHUTTER BOX	----	----	----	----	----
8	1	K370C90	SUPPORT FOR NICE MAX MOTOR	K370C90	K370C90	K370C90	K370C90	K370C90
10	1	L440A	ENTRY GUIDE (2-PART SET)	L440A	L440A	L440A	L440A	L440A
11	-	--	GUIDE RAILS	--	--	--	--	--
12	4 MINI	H894A	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT	H894A	H894A	H894B	H894B	H894B
OR	OR	OR		OR	OR	OR	OR	OR
12	4 MINI	H890A	OCTOCLICK 1 ELEMENT	H890A	H890A	H890C	H890C	H890C
13	2	H153A	STOPPER FOR ENDSLAT	H153A	H153A	H153A	H153A	H153A
OR	OR	OR		OR	OR	OR	OR	OR
13	2	H155A	STOPPER FOR ENDSLAT	H155A	H155A	H155A	H155A	H155A
OR	OR	OR		OR	OR	OR	OR	OR
13	2	H166A	STOPPER FOR ENDSLAT	H166A	H166A	H166A	H166A	H166A
14	-	-	SHUTTER	-	-	-	-	-
15	1	G240A	CABLE OUTPUT	G240A	G240A	G240A	G240A	G240A
OR	OR	OR		OR	OR	OR	OR	OR
15	1	G240B	CABLE OUTPUT	G240B	G240B	G240B	G240B	G240B
OR	OR	OR		OR	OR	OR	OR	OR
15	1	G240E	CABLE OUTPUT	G240E	G240E	G240E	G240E	G240E
OR	OR	OR		OR	OR	OR	OR	OR
15	1	G240F	CABLE OUTPUT	G240F	G240F	G240F	G240F	G240F

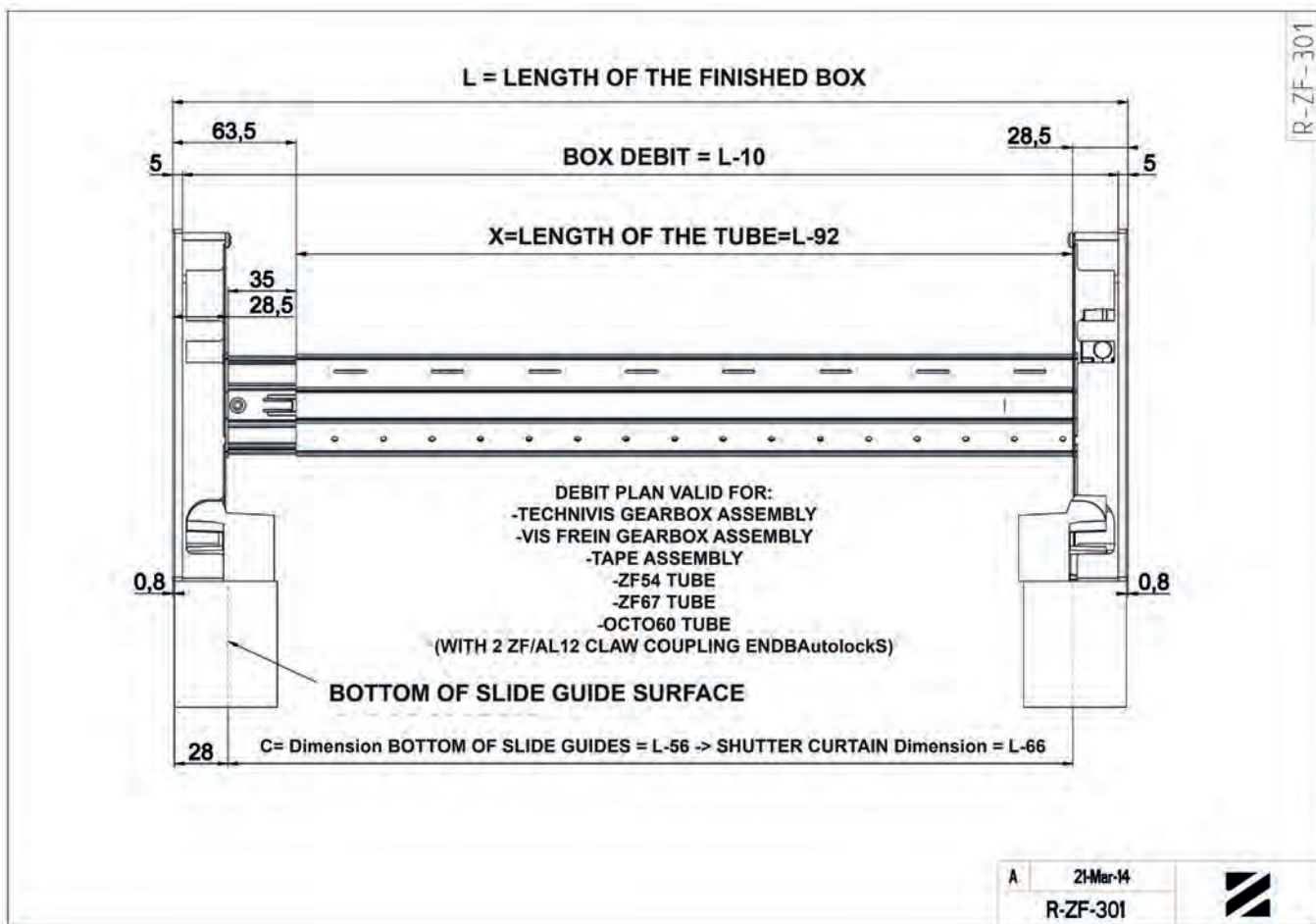


A 07-Nov-17
R-ZF-OCTO-535

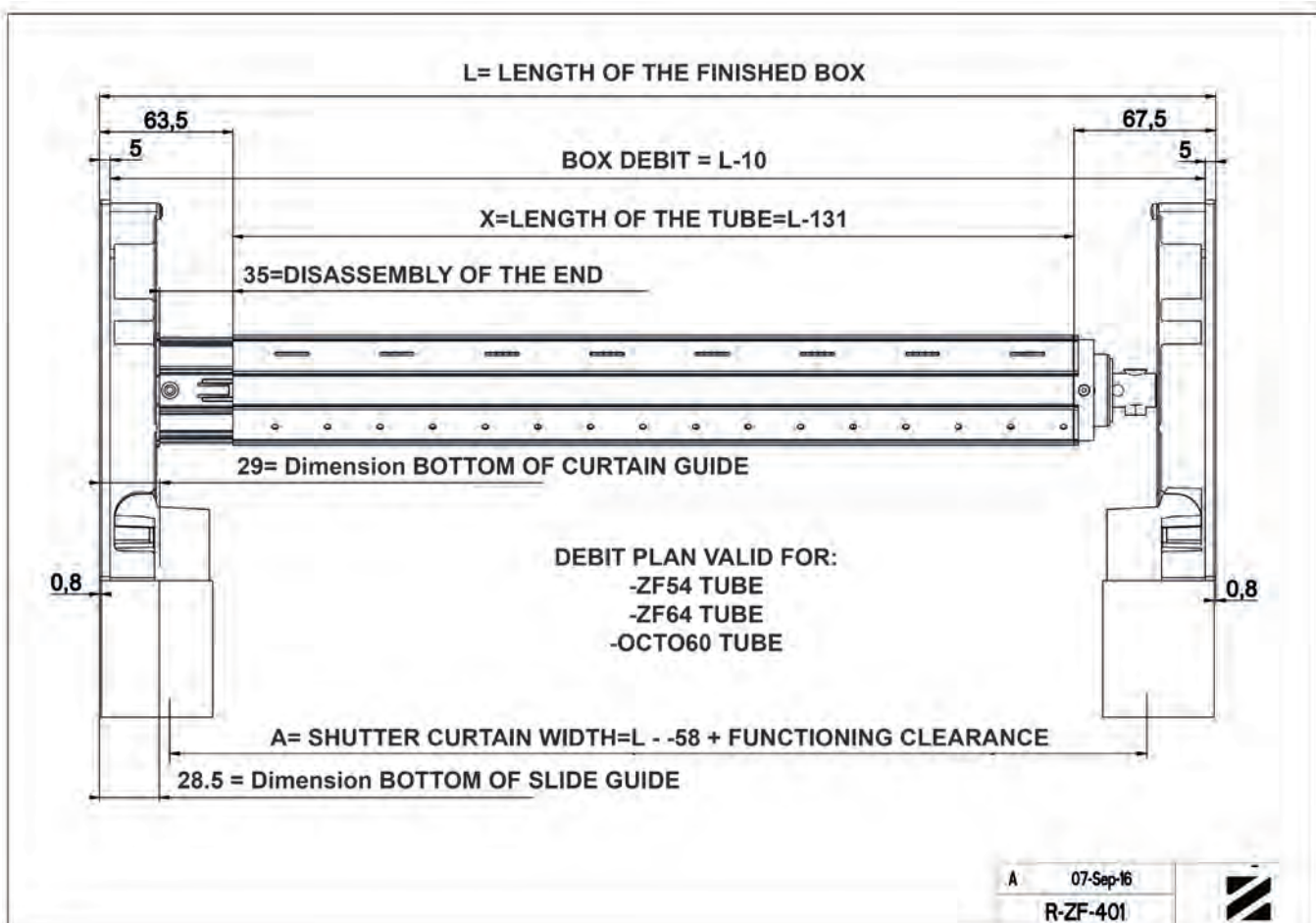




R-ZF-301A - CUTTING CHART - GEARBOX AND STRAP COILERS



R-ZF-401 - CUTTING CHART - DIRECT PULL



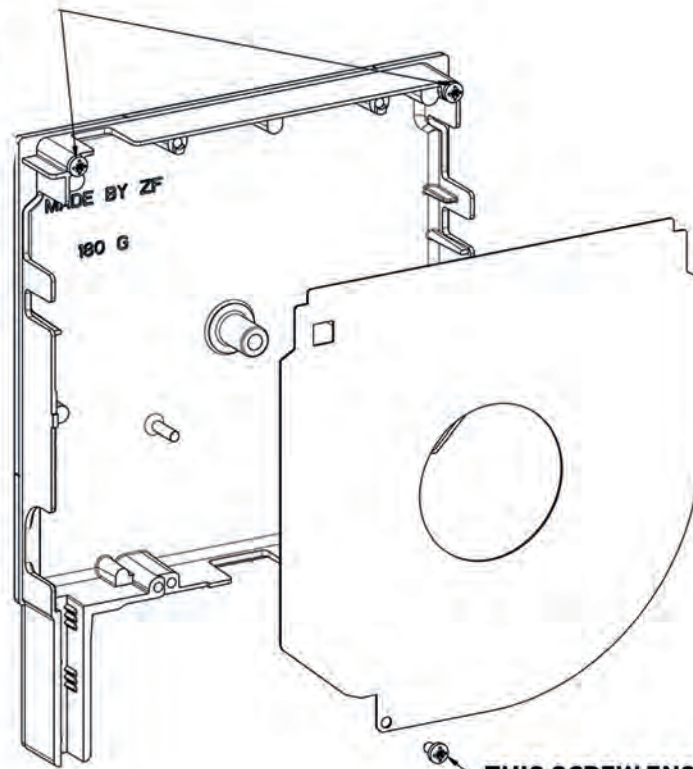


GUIDING PLATE



**THESE 2 SCREWS CAN
BE FIXED BEFORE THE
GUIDING PLATE**

SCREW REF. 4204

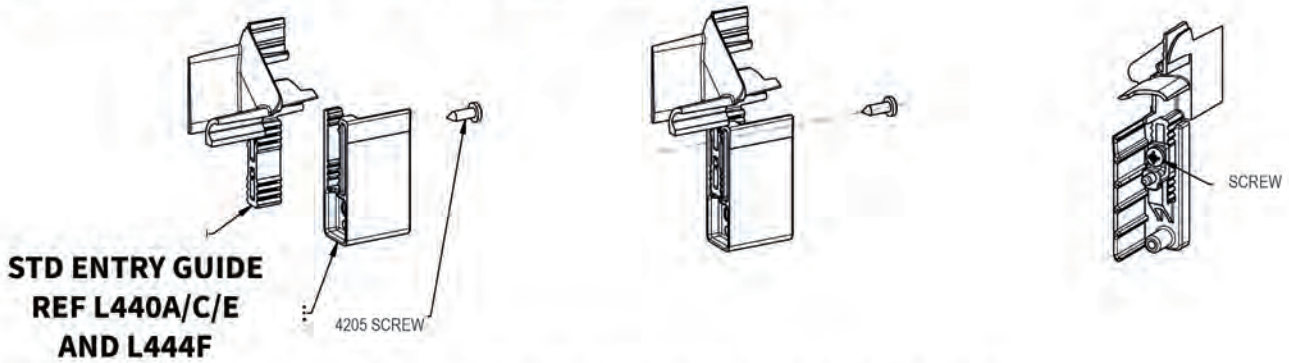


**THIS SCREW ENSURES
THE FINAL FIXING OF
THE GUIDING PLATE**



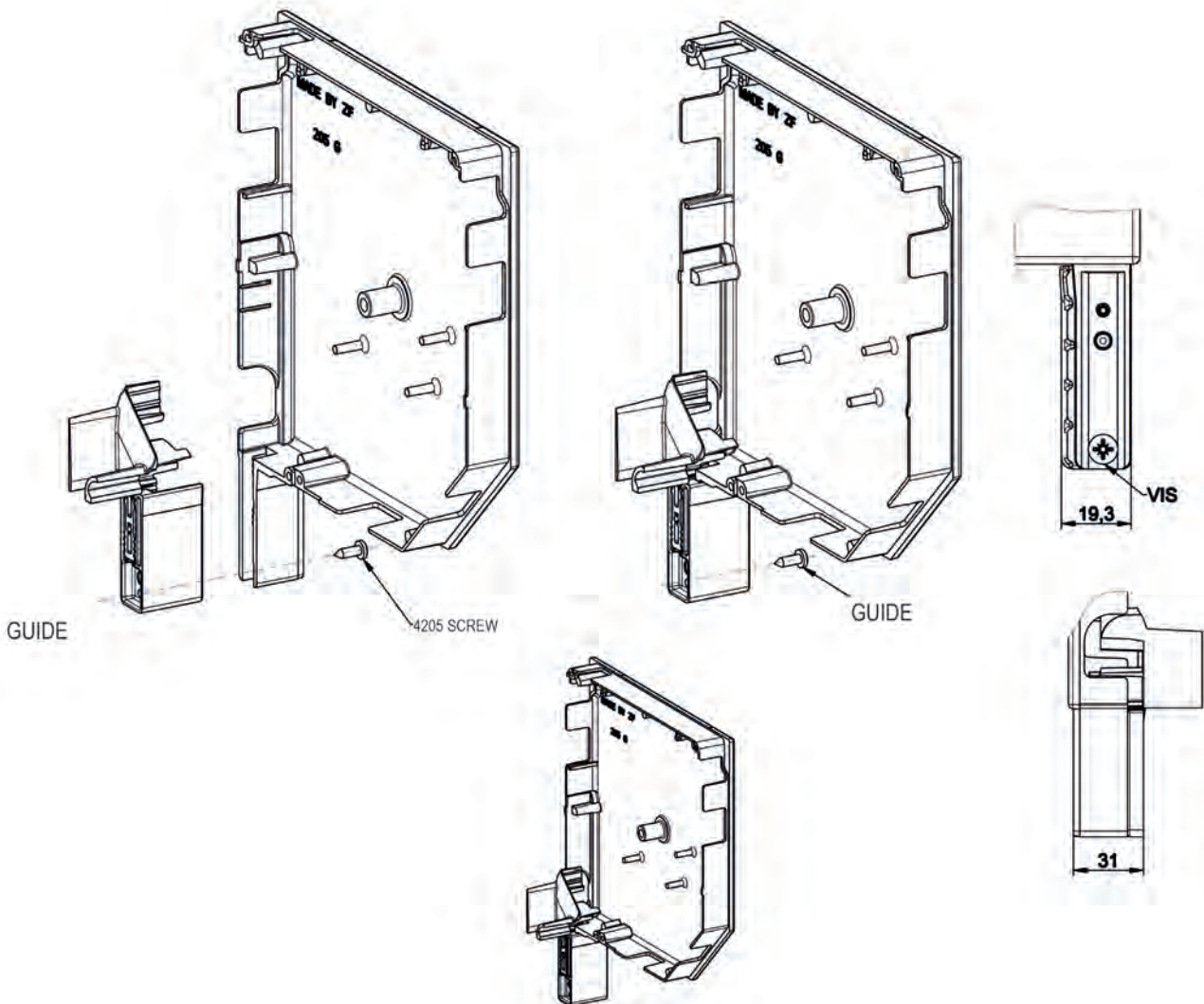
ASSEMBLY - SHIM REF L419CT AND ENDPLATE FITTING TO THE 28MM GUIDE RAIL

1) MOUNTING OF THE ENTRY GUIDE AND THE SHIM L419CT



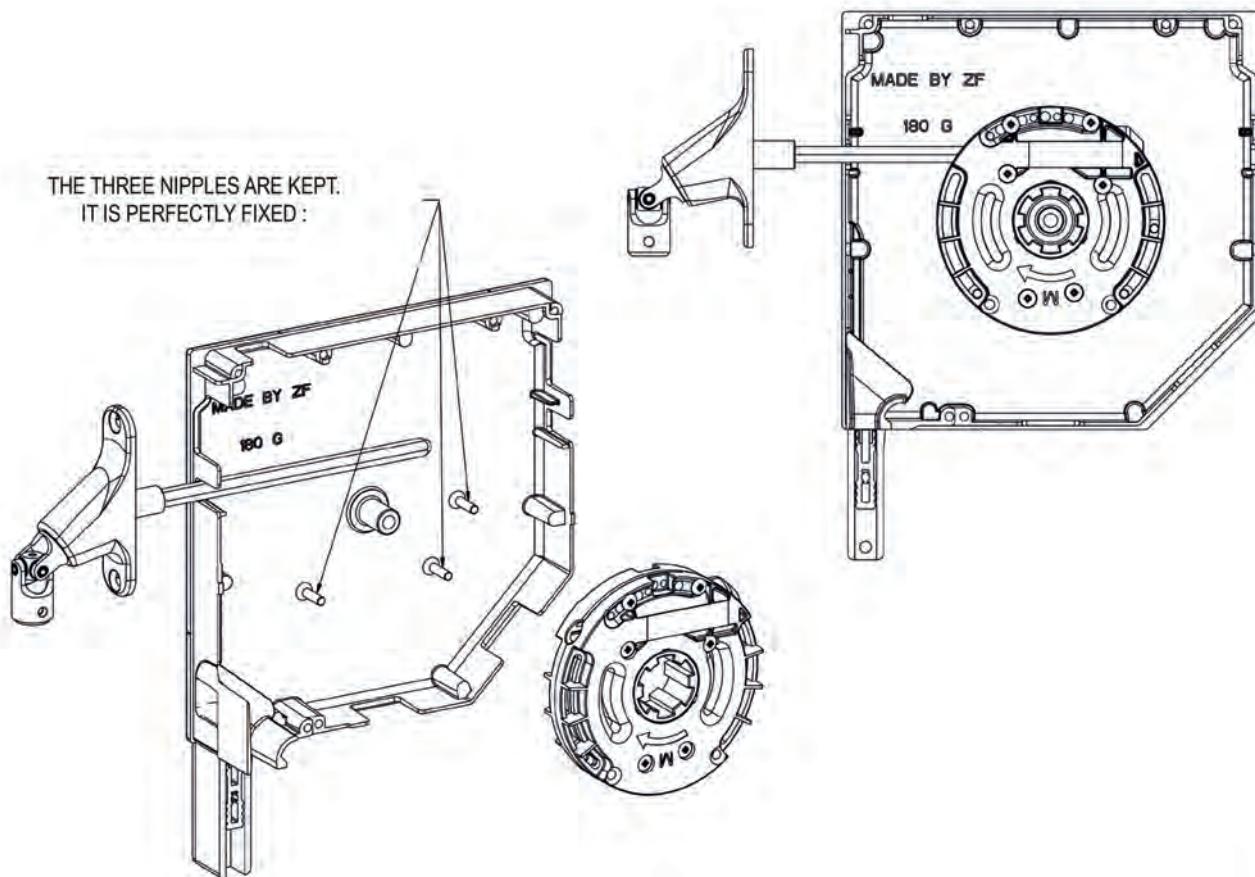
CARRYING OUT THIS OPERATION: RIGHT AND LEFT

2) MOUNTING OF THE ABOVE SUBASSEMBLY ONTO THE ALU ENDPLATE

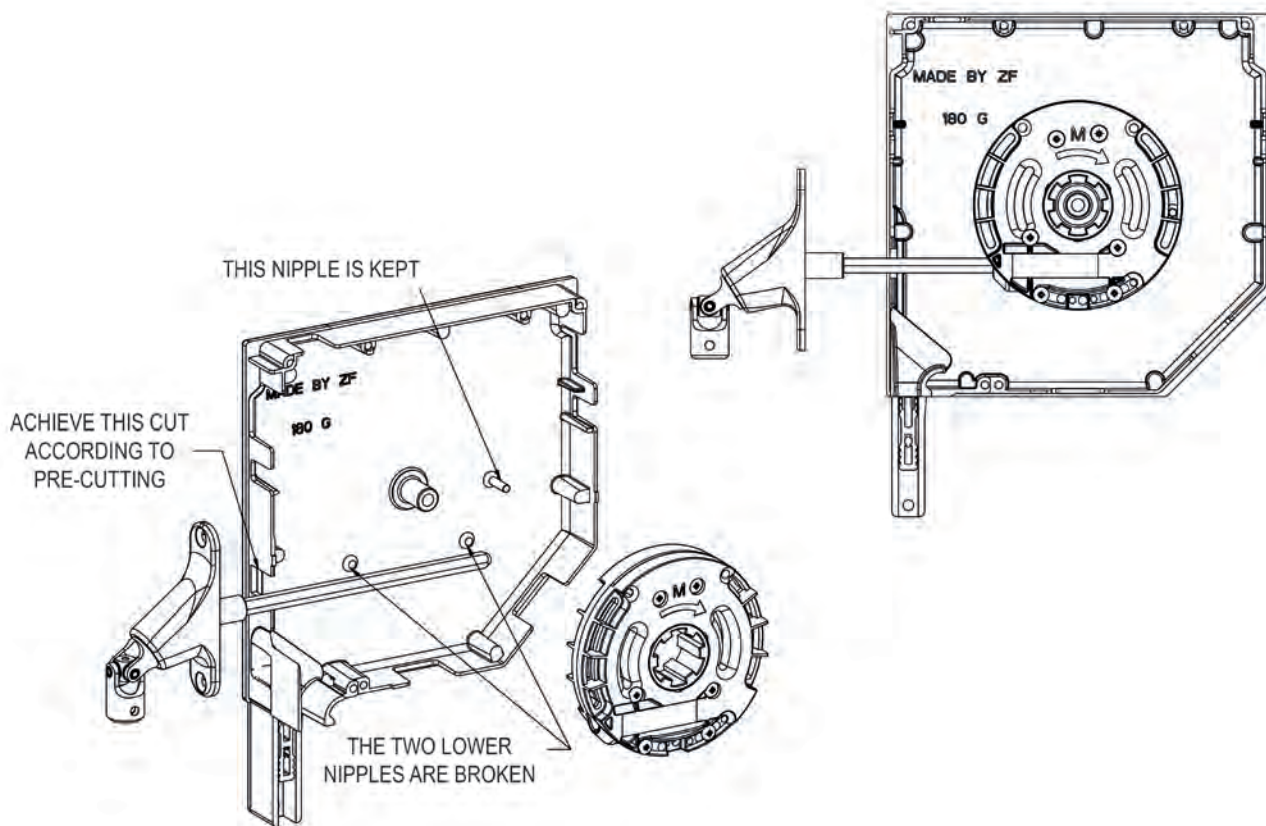




90° HIGH OUTPUT TECHNIVIS ASSEMBLY

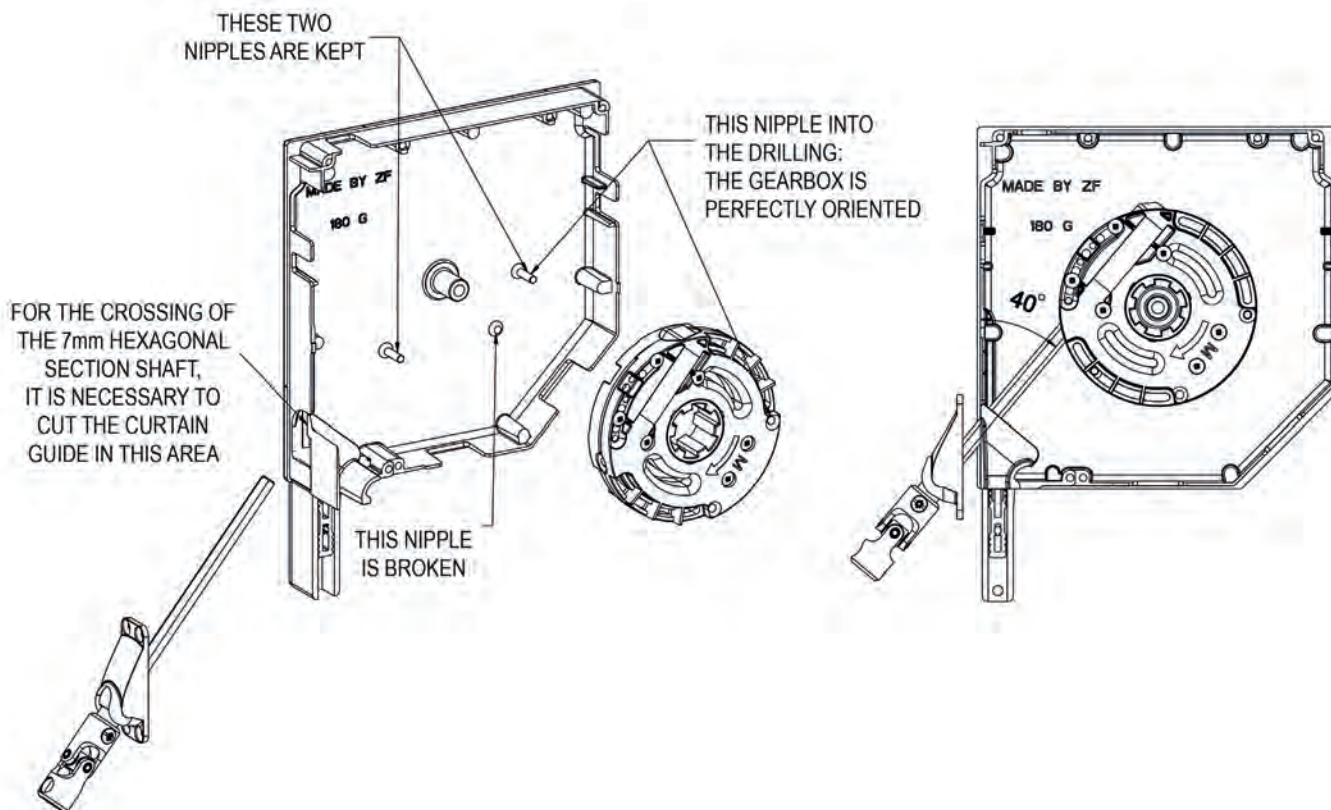


LOW HORIZONTAL OUTPUT TECHNIVIS ASSEMBLY

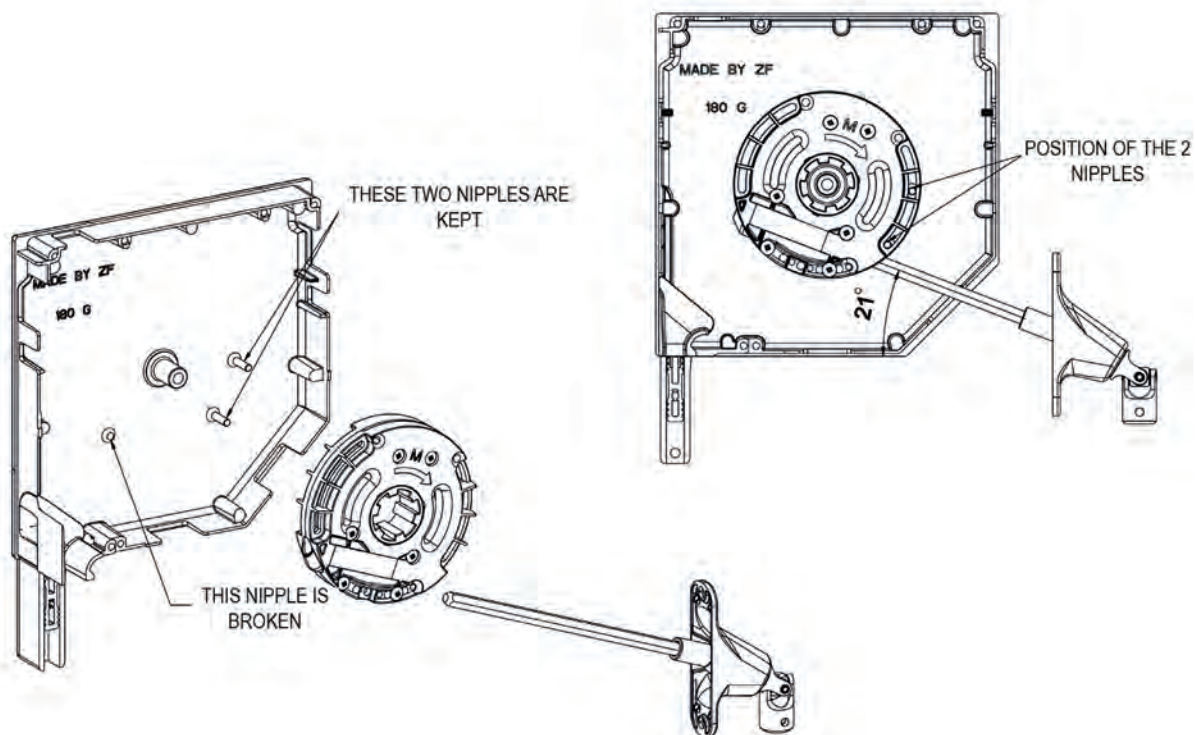




60° OUTPUT TECHNIVIS ASSEMBLY

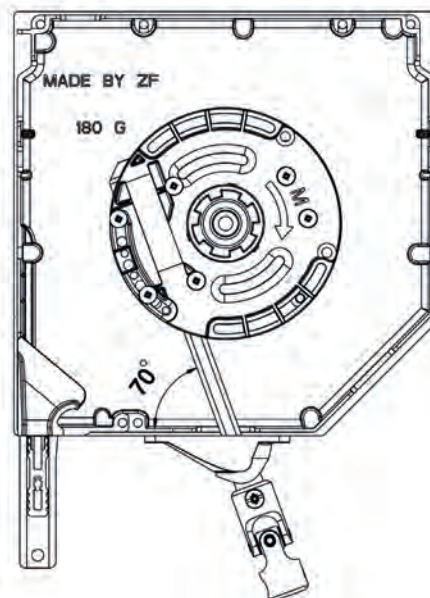
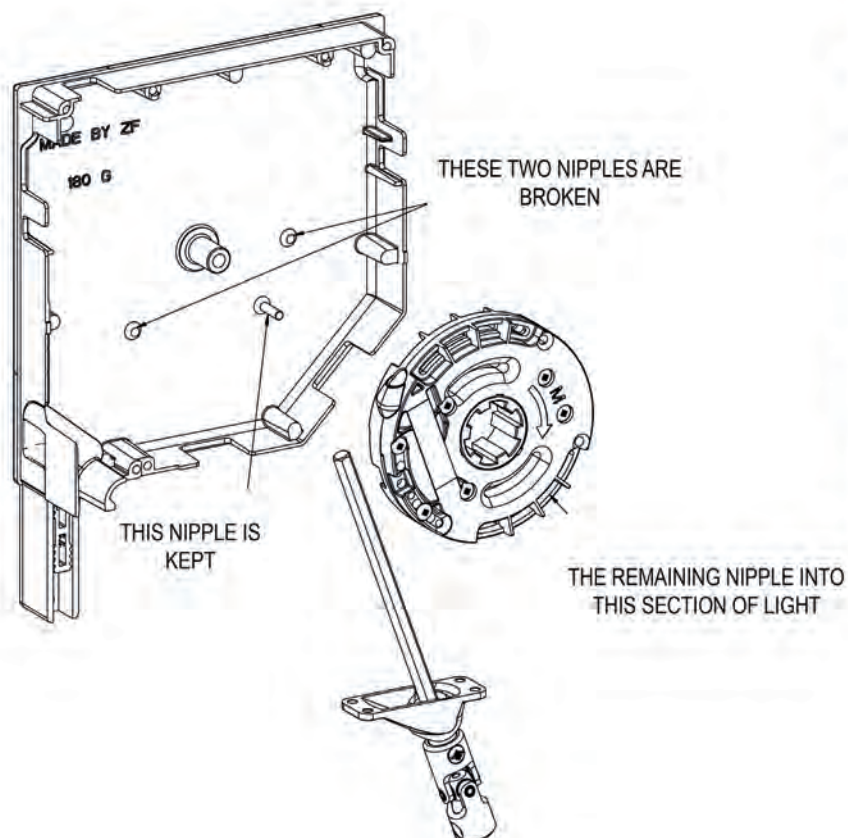


OUTPUT ONTO THE CUT-OFF TECHNIVIS ASSEMBLY

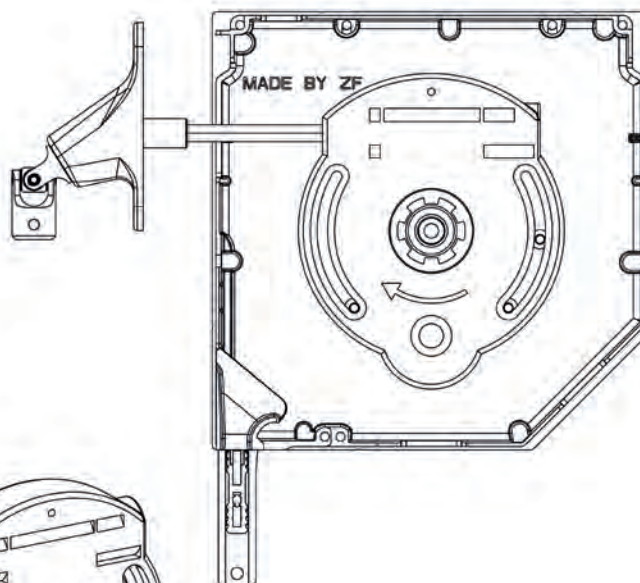
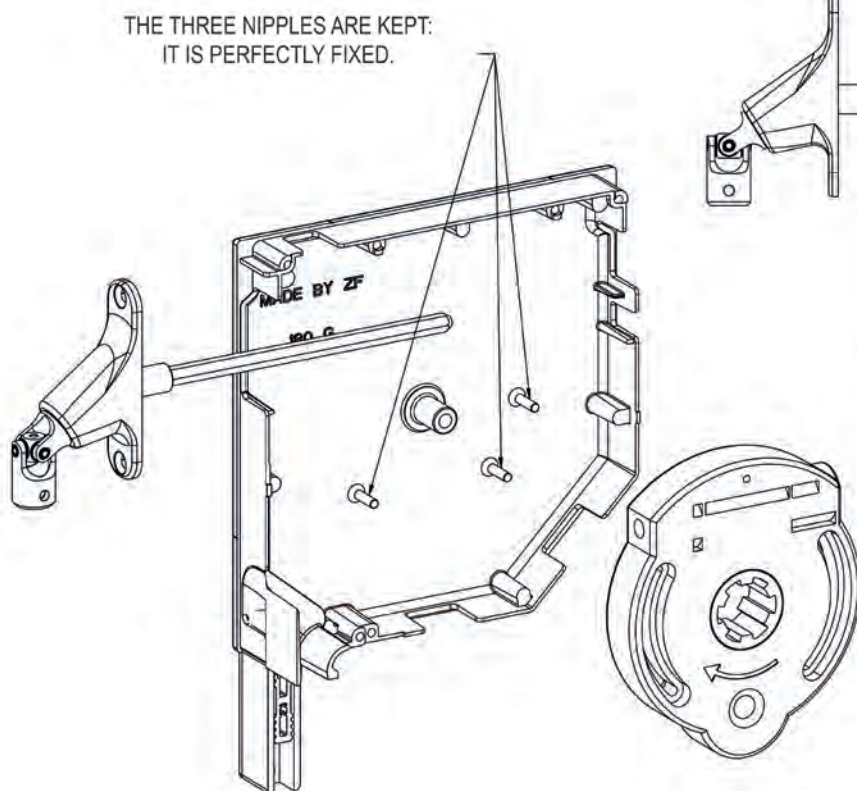




OUTPUT UNDER THE BOX TECHNIVIS ASSEMBLY



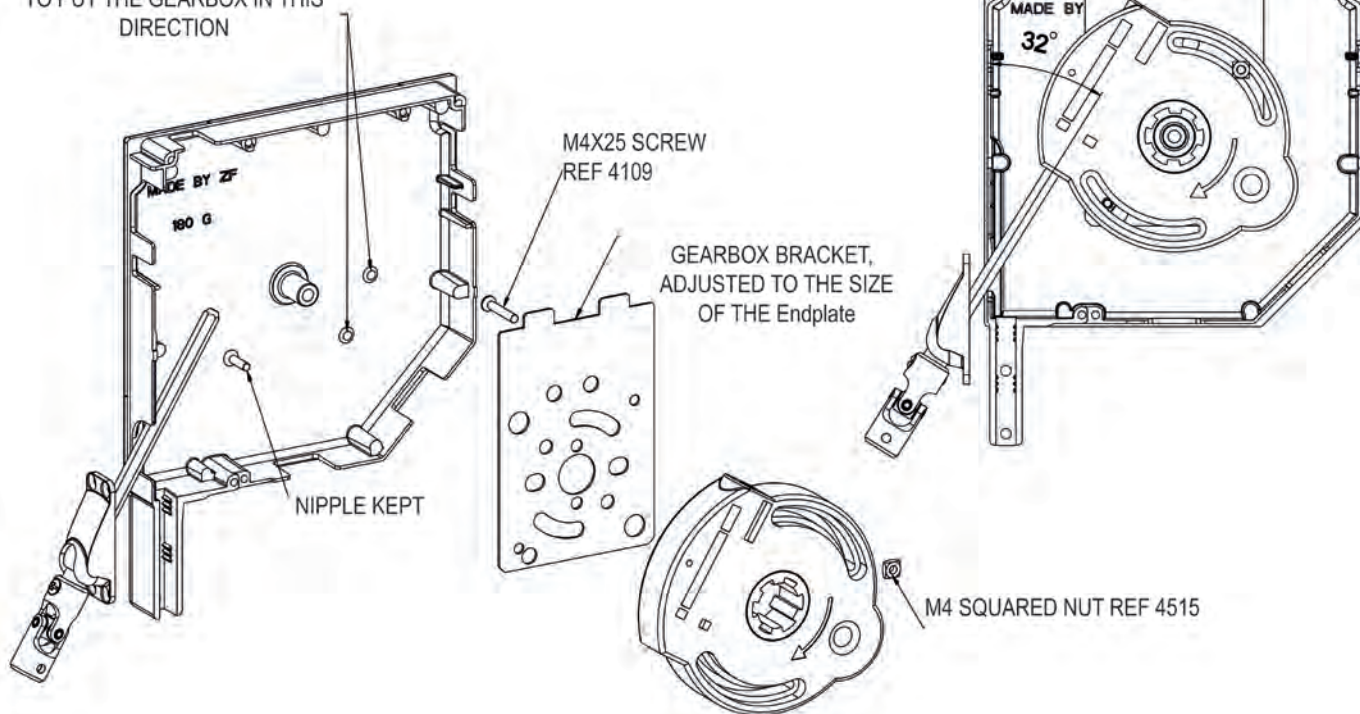
90° HIGH OUTPUT BRAKE - GEARBOX ASSEMBLY





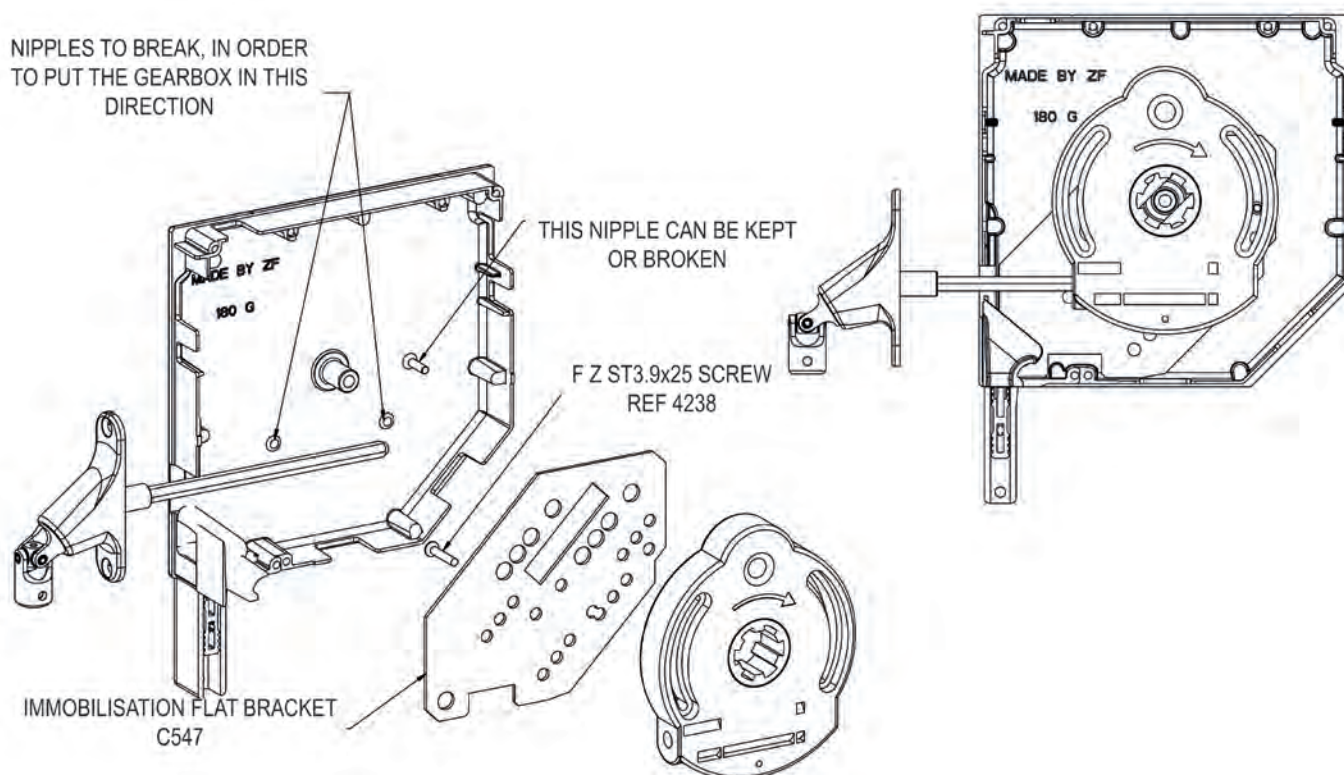
60° OUTPUT BRAKE-VIS FREIN GEARBOX ASSEMBLY

NIPPLES TO BREAK, IN ORDER TO PUT THE GEARBOX IN THIS DIRECTION



90° LOW OUPUTBRAKE-VIS FREIN GEARBOX ASSEMBLY

NIPPLES TO BREAK, IN ORDER TO PUT THE GEARBOX IN THIS DIRECTION



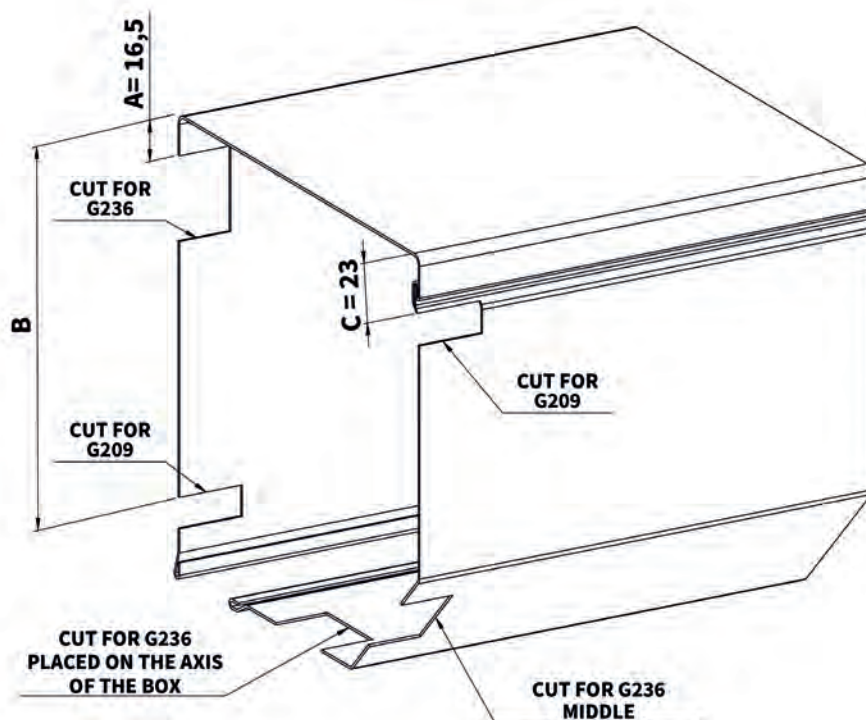


BOX CUT FOR TAPE CROSSING AND CABLE BUSHING

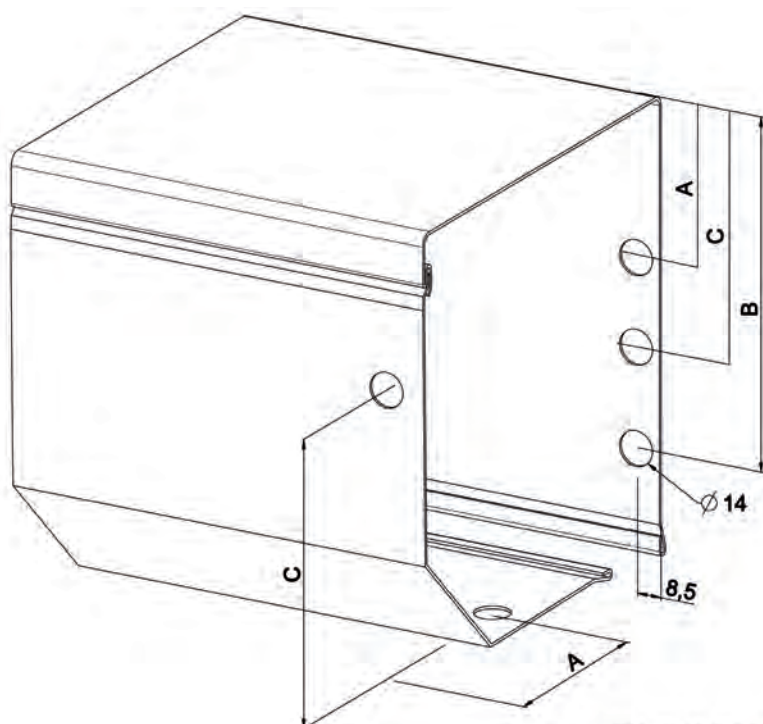
Cutting Section Detail
FOR G209 : H=12,5 / P=27
FOR G236 : H=34 / P=22

Comment :
 For using the cable bushing G240
 --> same cutting section than for G209

Size	B
125	97
137	108
150	122.5
165	136.5
180	152
205	176



DEFINITION OF DRILLING POSITION FOR GEARBOX OUTPUT



OUTSIDE BOX DIMENSIONS

		125	137	150	165	180	205
A	C183-C191	28	35	42	50	62	
	C302	42	48	55	62	70	82
	C370	34	40	47	54	62	74
B	C183-C191	108	121	136	151	176	
	C302	95	107	120	135	150	175
	C370	95	107	120	135	150	175
C	C183-C191	108	115	122	130	142	
	C302	81	87	94	102	110	122
	C370	90	96	103	110	118	130

A Box upper horizontal output

B 45° Output guide side

C Box lower horizontal output

Upper horizontal output

NOTES

A series of horizontal dotted lines for writing notes.



ZURFLÜH-FELLER

COMPONENTS FOR ROLLER DOOR

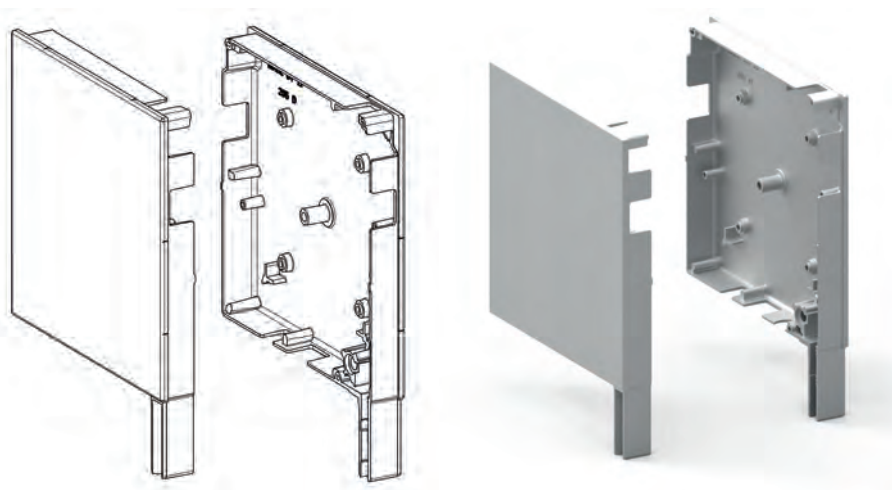
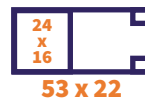
- ▶ **COMPONENTS FOR ROLLER DOOR SIZE 205 360**
- ▶ **COMPONENTS FOR ROLLER DOOR SIZE 230 365**
- ▶ **COMPONENTS FOR ROLLER DOOR SIZE 250 / 300 /
360 370**
- ▶ **REMOVABLE HANDLE 391**





SQUARE ENDPLATE SIZE 205

L466

**Features**

Raw or lacquered aluminum.
Supplied as a pair

Use

Allows the use of standard entry guide as well as the roller guide system.
Adaptors L419 CT/CL available to fit bigger guide rails.

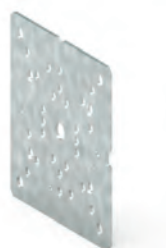
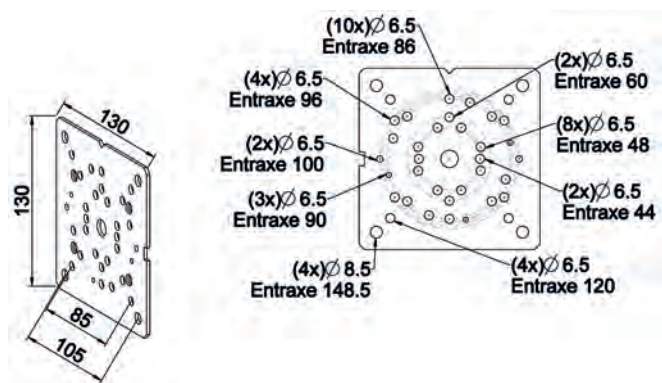
REF.	COLOR	PACK.
L466	Raw	10 pairs
L466A	White RAL 9016 shiny	10 pairs
L466AA	White RAL 9016 matt	10 Pairs
L466E	White RAL 9010 satin	10 pairs
L466BF	Gray RAL 7016 satin	10 pairs



COMPONENTS

BRACKET PLATE

C520K



Features

Galvanized steel thickness 2.5 mm.

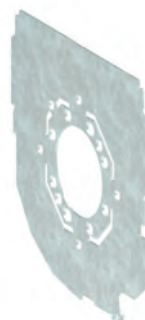
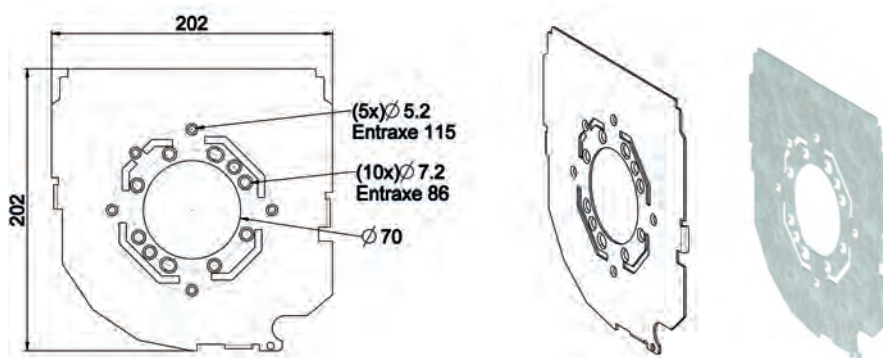
Use

For fixing pin BRACKET Ref. B104.
For fixing motors with emergency device distance 86 - 48 and 60.

REF.	PACK.
C520K	40

FIXED PLATE FOR MOTOR WITH EMERGENCY DEVICE

L436HP



Features

Galvanized steel thickness 1.5 mm.

Use

Fixing on endcap with 3 screws TC D. 3.9 x 9.5 Ref. 4204.

Mounted on endcap 45° and round shape.

With 4 tales for an orientation of the motor rod exit :

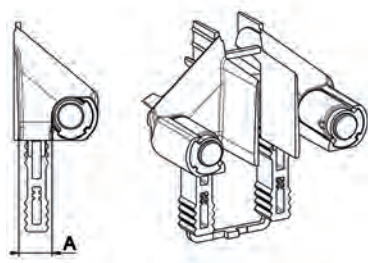
- high-horizontal
- low-horizontal
- cut-off.

Fixed on the motor with the set Ref. J546HA.

REF.	BOX SIZE	TYPE	PACK.
L436GP	205	Left	30
L436HP	205	Right	30

ALURENO ENTRY GUIDE

L440E



Features

POM
Galvanized steel

Use

Allows the use of retractable or fixed final slat end stop

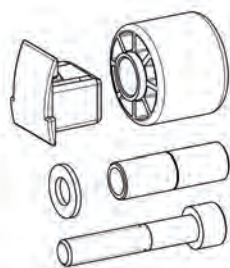
REF.	TYPE	A	COLOR	PACK.
L440E	8mm slat	11	Natural	200
L440F	14 mm slat	17	Grey	200



ENDPLATE

GUIDING SET - DIAM 38 L30

L430AD



Features

Screw : M10 x 55 galvanized steel.
Brass.

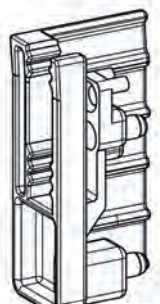
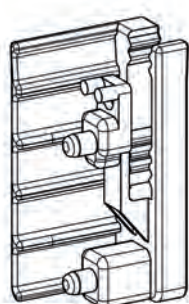
Use

The bearing is placed on a shouldered stud of the endplate : mechanical centering.
The pad is wedged on the endplate.

REF.	TYPE	PACK.
L430AD	Compatible with endplates size 205 and 230	30
L430AE	Compatible with endplates size 205 and 230	30

PAIR OF ADAPTATORS FOR 28 MM GUIDE RAIL - STANDARD ENTRY GUIDE

L419CT



Features

Aluminium

Use

To be fastened to endplates to obtain a total section of 31 x 19.

Maintaining by TC screws Ø 3.9 x 25 Ref. 4203.

Allows the mounting of the L440 series entry guide.

Compatible with Alureno endplate range of sizes 125 to 230, all types.

REF.	PACK.
L419CT	100

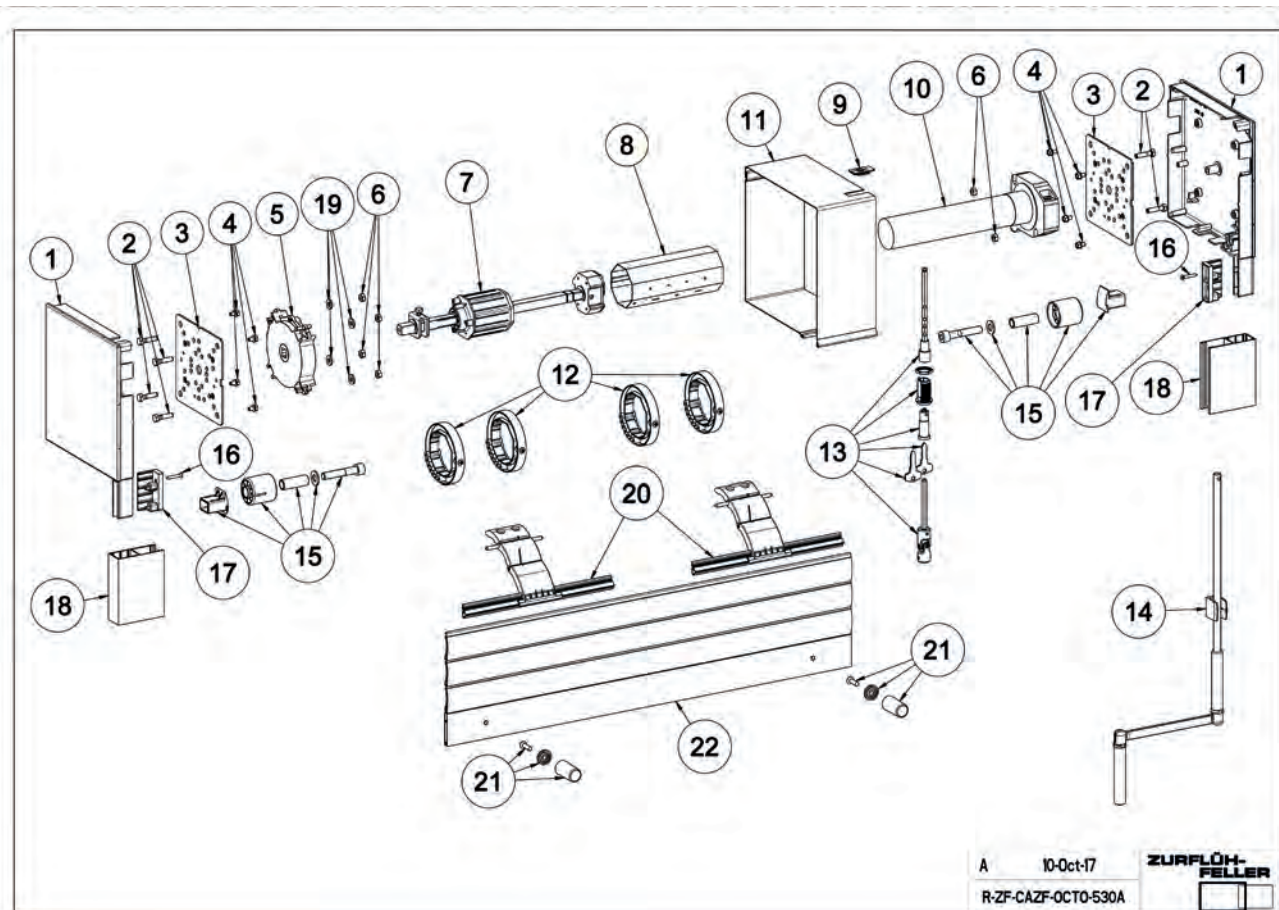




ASSEMBLY

R-ZF-CAZF-530A - ASSEMBLY 205 MM SQUARE ENDCAP - FOR MOTOR CSI - SAFETY BRAKE - SECURED EMERGENCY OPERATION FOR 60 MM OCTAGONAL TUBE

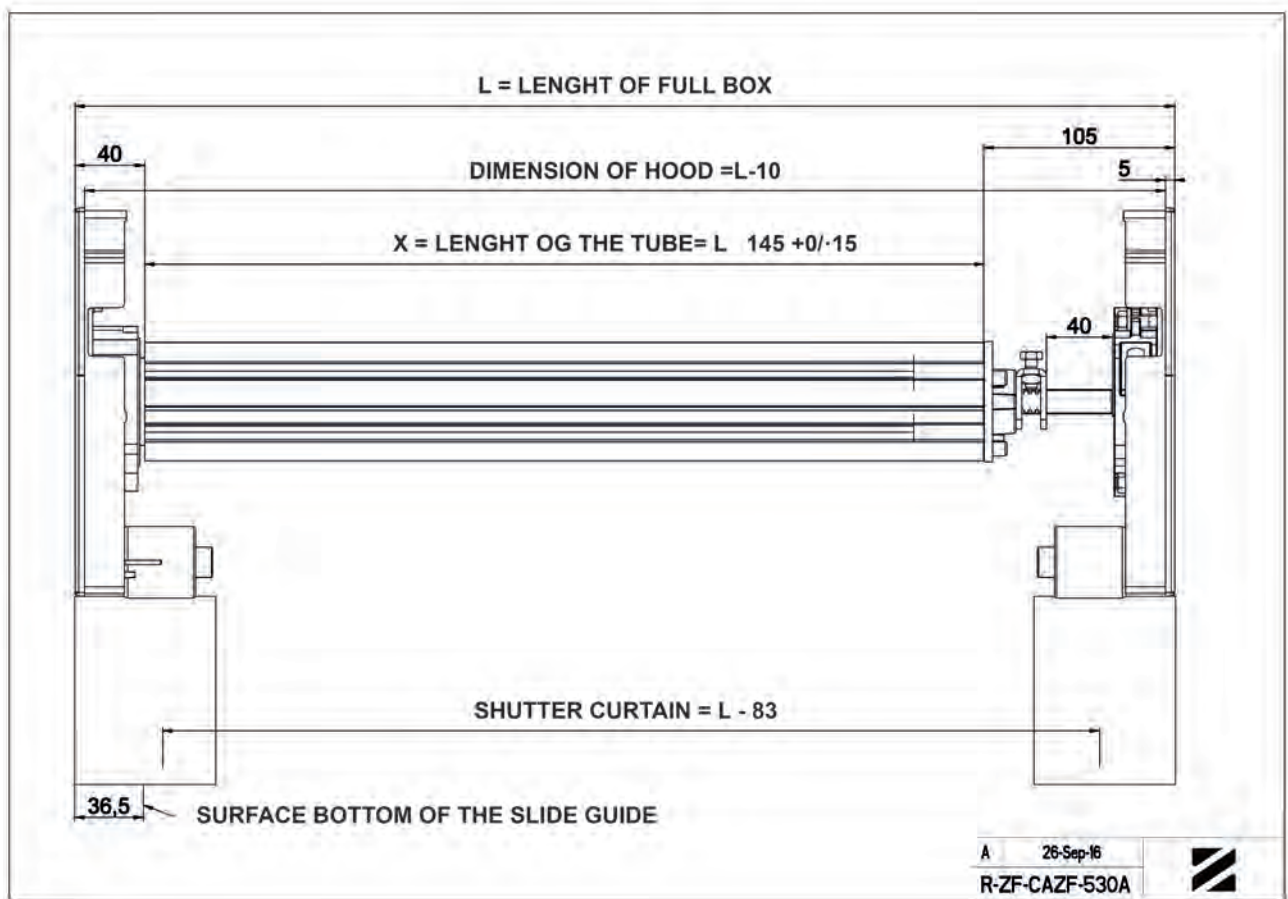
MARK	QTY	REFERENCE	DESCRIPTION
1	1	L466A	ALUMINIUM ENDCAP SIZE 205
2	6	4129	SCREW H M 6-25 ZN8/A/FE CLASSE 8,8
3	2	C520K	GUIDING PLATE 130 X 130 FOR ALUMINIUM ENDCAP SIZE 230
4	8	4259	SCREW H M5X8
5	1	□	SAFETY BRAKE
6	6	4507	NUT M6
7	1	A484E	ADJUSTABLE DUMMY END OCTAGONAL 60 13MM SQUARE FOR SAFETY BRAKE
8	1	----	60 MM OCTAGONAL TUBE
9	1	G240A	BRACKET FOR CABLE OUTPUT
10	1	.	MOTOR CSI (NO ZF DISTRIBUTION)
11	-	---	SHUTTER BOX
12	4 MINI	H823	RING Ø 88 MM
13	1	F699E	SECURED AUTOLOCKING SYSTEM FOR EMERGENCY OPERATION
14	1	E618	PROFIL ASSEMBLED SWIVELLING HANDLE
OR	OR	OR	
14	1	E631	PROFIL ASSEMBLED SWIVELLING HANDLE
15	1	L430AE	ROLLER KIT
16	2	4203	SCREW CBL Z ST 3,9 - 25 ZN72
17	1	L419CL	WEDGE FOR REINFORCED SLIDING GUIDES D. 28 (BY 2)
18	-	--	GUIDE RAILS
19	4	N151	STEEL WASHER 14 X 6,5 X 2
20	2 MINI	H818	BLOCKSUR AUTOAUTOLOCK 2 ELEMENTS 14 MM SLAT
OR	OR	OR	
20	2 MINI	H844	BLOCKSUR AUTOAUTOLOCK 2 ELEMENTS 8 MM SLAT
21	2	H135	ROUND STOPPER WITH RING AND SCREW
22	-	-	SHUTTER



A 10-Oct-17 ZURFLÖH-FELLER
R-ZF-CAZF-OCTO-530A



R-ZF-CAZF-530A - CUTTING CHART

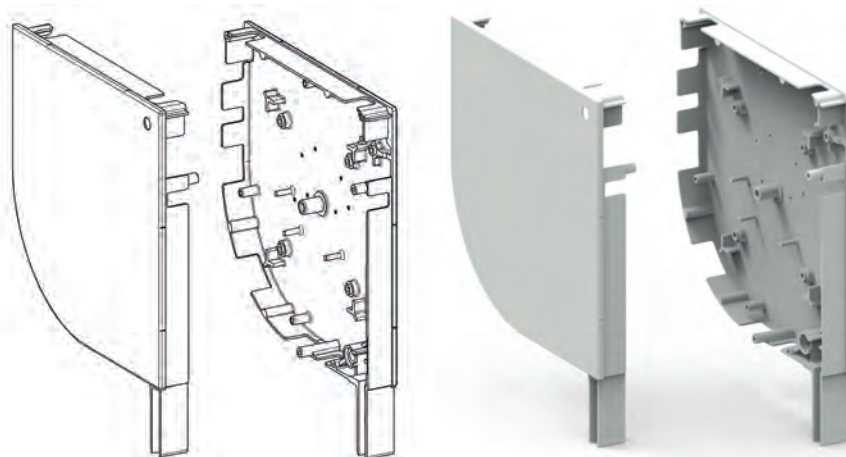
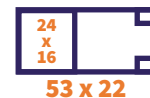




ENDPLATE

PAIR OF ENDPLATE SIZE 230 ROUND

L419A



Features

Raw or lacquered passivated aluminum.

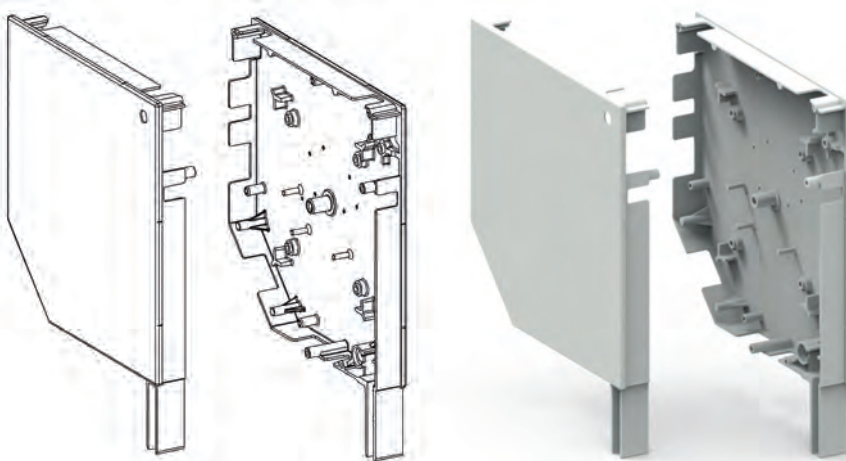
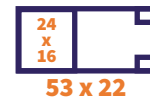
Use

Tapped M10 to receive guiding device plate.
3 Ø 4 nipples for immobilisation of the gearbox and motor brackets.

REF.	COLOR	PACK.
L419	Raw	9
L419A	White RAL 9016 shiny BJ31	9
L419B	Grey RAL 7035 matt GR01	9
L419C	Beige RAL 1015 satin BJ01	9
L419D	Brown RAL 8019 shiny	9
L419E	White RAL 9010 satin	9
L419AA	White RAL 9016 matt	9

PAIR OF ENDPLATE SIZE 230 45° CUT

L429A



Features

Raw or lacquered aluminum.

Supplied as a pair packed in protective foam for lacquered types

Use

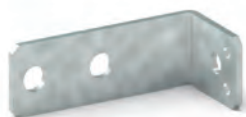
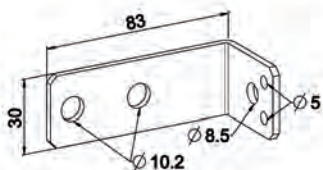
Tapped M10 to receive guiding device plate
3 Ø 4 nipples for immobilisation of the gearbox and motor brackets.

REF.	COLOR	PACK.
L429	Raw	9
L429A	White RAL 9016 shiny BJ31	9
L429AA	White RAL 9016 matt BJ31	9
L429B	Grey RAL 7035 matt GR01	9
L429BA	Grey RAL 7016 shiny GR32	9
L429C	Beige RAL 1015 Satin BR23	9
L429D	Brown RAL 8019 shiny MA27	9
L429E	White RAL 9010 Satin BJ01	9
L429F	Grey RAL 9006 matt GM01	9



ADDITIONAL BRACKET ENDPLATE 230

C520EC



Features

Steel 3 mm thick.

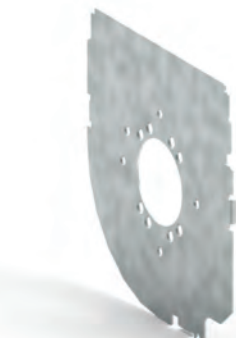
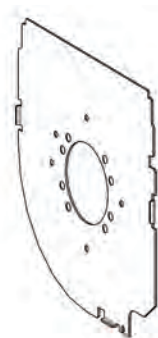
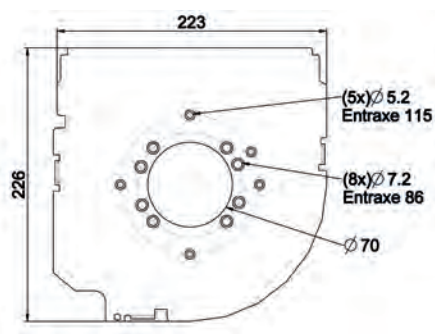
Use

To be fastened to the wall

REF.	COLOR
C520EC	150

GUIDING PLATE FOR MOTOR WITH MANUAL OVERRIDE

L437HP



Features

Galvanized steel thickness 1.5 mm.

Use

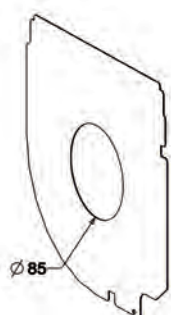
For fixing motors

To be fixed with TC D. 3,9 x 9,5 Ref. 4204.

REF.	COLOR	PACK.
L437HP	Right	30
L437GP	Left	30

STD GUIDING PLATE

L437D



Features

Galvanized steel thickness 0.8 mm.

Use

Fixing on endcap through 3 screws TC D 3.9 L = 9.5 : Ref. 4204.

Mounted right or left.

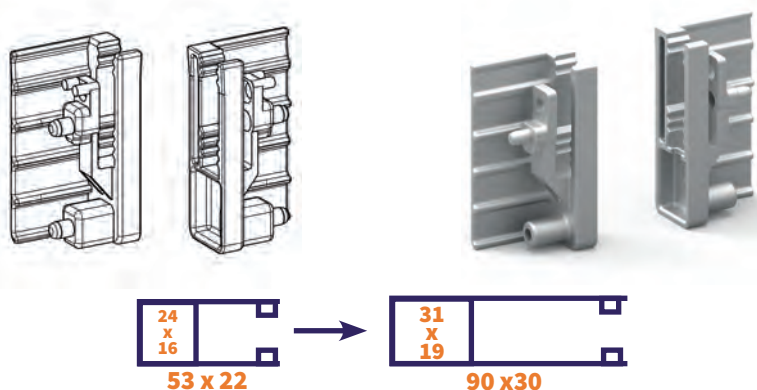
REF.	PACK.
L437	30



COMPONENTS

PAIR OF ADAPTATORS FOR 28 MM GUIDE RAIL - STANDARD ENTRY GUIDE

L419CT



Features

Aluminium

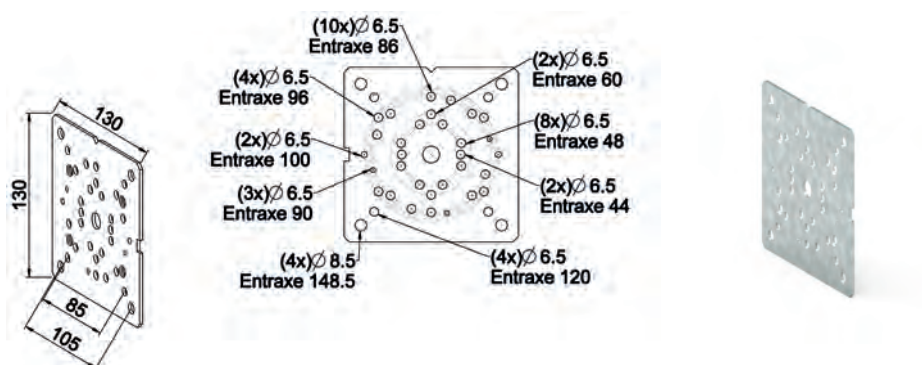
Use

To be fastened to endplates to obtain a total section of 31 x 19.
Maintaining by screws D. 3.9 x 25 Ref. 4203.
Allows the mounting of the L440 series entry guide.
Compatible with Alureno endplate range of sizes 125 to 230, all types.

REF.	PACK.
L419CT	100

PLATE 130X130 ALU ENDPLATE SIZE 230

C520K



Features

Galvanized steel thickness 2.5 mm.

Use

For fixing pin bracket Ref. B104.
For fixing motors with emergency device.

REF.	PACK.
C520K	40

GUIDING SET - DIAM 38 L30

L430AD



Features

Screw : M10 x 55 galvanized steel.
Brass.

Use

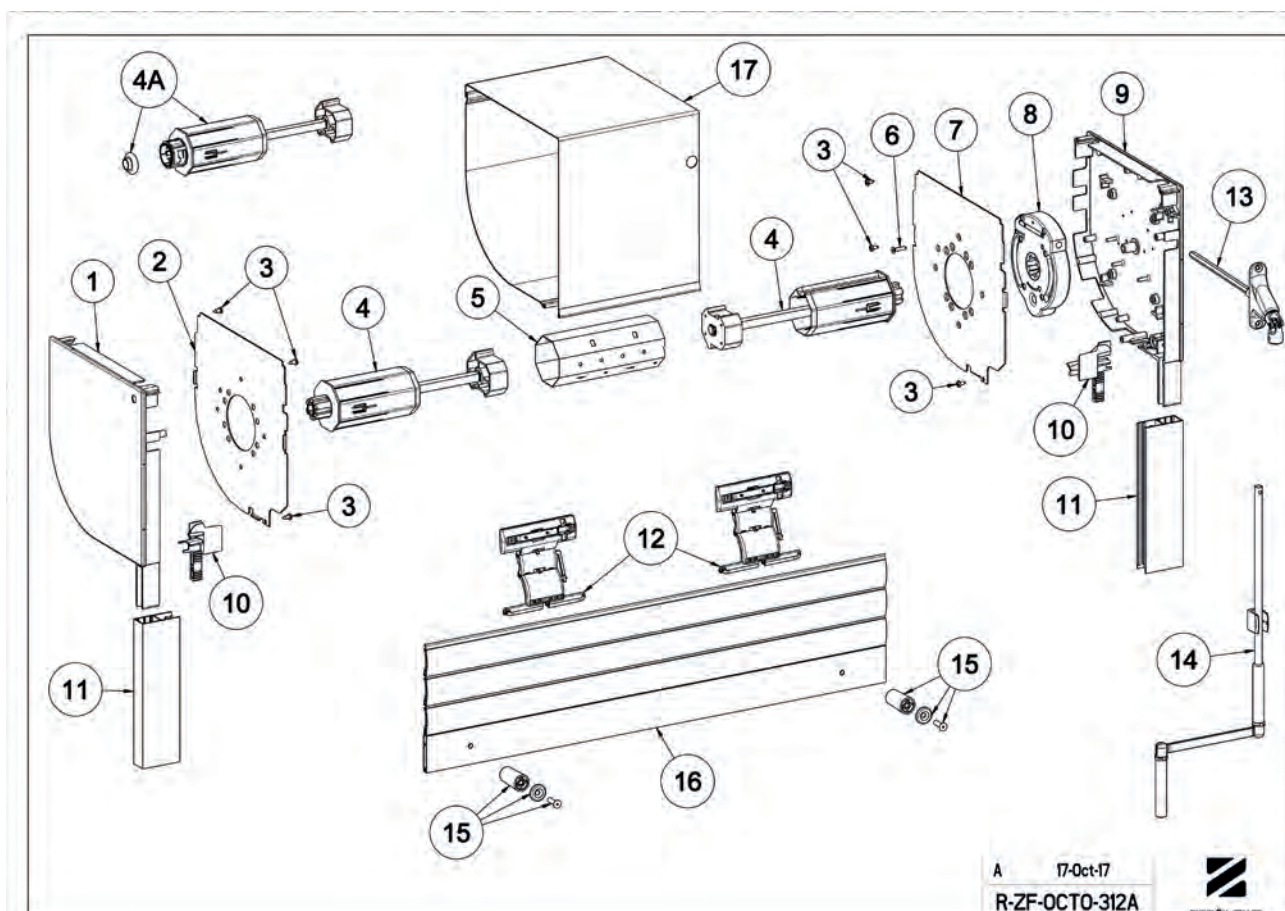
The bearing is placed on a shouldered stud of the endplate : mechanical centering.
The pad is wedged on the endplate.

REF.	TYPE	PACK.
L430AD	Compatible with endplates size 205 and 230	30
L430AE	Compatible with endplates size 205 and 230	30



R-ZF-312A - ASSEMBLY WITH 25 KG GEARBOX - ZF 64 TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1+9	1	L429A	ALUMINIUM ENDCAP (2-PART SET) SIZE 230
OR	OR	OR	WHITE
1+9	1	L429B	ALUMINIUM ENDCAP (2-PART SET) SIZE 230
OR	OR	OR	GREY
1+9	1	L429C	ALUMINIUM ENDCAP (2-PART SET) SIZE 230
OR	OR	OR	BEIGE
1+9	1	L429D	ALUMINIUM ENDCAP (2-PART SET) SIZE 230
OR	OR	OR	BROWN
1+9	1	L419A	ALUMINIUM ENDCAP (2-PART SET) QUARTER ROUND SIZE 230
OR	OR	OR	WHITE
1+9	1	L419B	ALUMINIUM ENDCAP (2-PART SET) QUARTER ROUND SIZE 230
OR	OR	OR	GREY
1+9	1	L419C	ALUMINIUM ENDCAP (2-PART SET) QUARTER ROUND SIZE 230
OR	OR	OR	BEIGE
1+9	1	L419D	ALUMINIUM ENDCAP (2-PART SET) QUARTER ROUND SIZE 230
2	1	L437GP	GUIDING PLATE SIZE 230 LEFT
3	6	4204	SCREW CBL Z ST 3,9 - 9,5
4	2	A484	RETRACTABLE DUMMY END FOR 60 OCTAGONAL 12MM HOLE
5	-	---	60 MM OCTAGONAL TUBE
6	1	4219	SCREW F Z ST 3,9 - 19 C ZN8/A/FE DIN7982
7	1	L437HP	GUIDING PLATE SIZE 230 RIGHT
8	1	C191C	GEARBOX
10	1	L440A	ENTRY GUIDE (2-PART SET)
OR	OR	OR	
10	1	L440C	ENTRY GUIDE (2-PART SET)
11	2	--	GUIDE RAILS
12	2MINI	H894A	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 1 ELEMENT
OR	OR	OR	
12	2MINI	H894B	OCTOEASY AUTOAUTOLOCK 50/60 MM OCTA. TUBE - 2 ELEMENTS
13	1	SÉRIE D590	CARDAN JOINT 90 ° SMALL PLATE 7 MM HEXA
14	1	SÉRIE E6..	CRANK HANDLE
15	2	H135	ROUND STOPPER WITH RING AND SCREW
16	1	-	SHUTTER
17	-	---	SHUTTER BOX
OPTION :			
4A	1	A484A	RETRACTABLE DUMMY END FOR 60 OCTAGONAL 28MM BEARING
+	+	+	+
4A	1	B132	BALL BEARING DIAMETER 28/12MM. 12 MM TH.

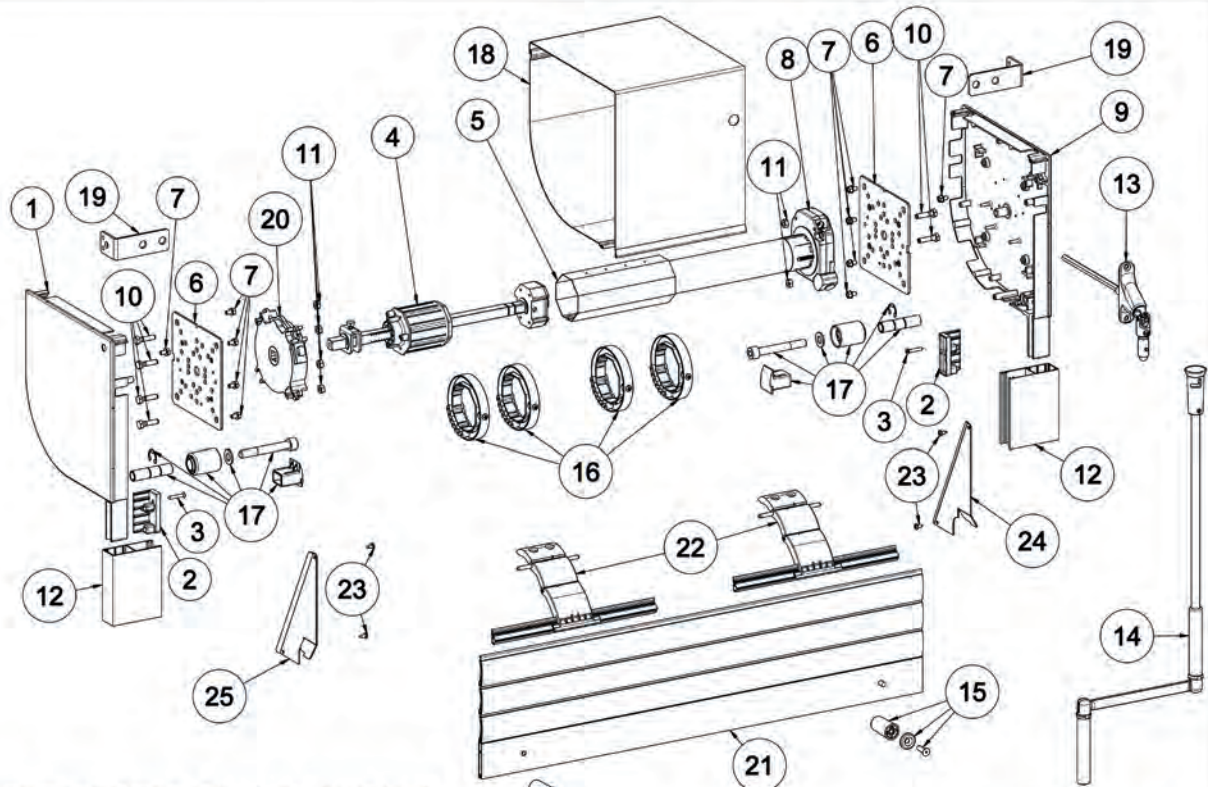


A 17-Oct-17
R-ZF-OCTO-312A



R-ZF-528D - ASSEMBLY FOR MOTOR WITH MANUAL OVERRIDE - ZF 64 TUBE

Mark	Qty	Reference	Description
1+9	1	L429A	ALUMINIUM ENDCAP (2-PART SET) SIZE 230
	or		WHITE
1+9	1	L429B	ALUMINIUM ENDCAP (2-PART SET) SIZE 230
	or		GREY
1+9	1	L429C	ALUMINIUM ENDCAP (2-PART SET) SIZE 230
	or		BEIGE
1+9	1	L429D	ALUMINIUM ENDCAP (2-PART SET) SIZE 230
	or		BROWN
1+9	1	L419A	ALUMINIUM ENDCAP (2-PART SET) QUARTER ROUND SIZE 230
	or		WHITE
1+9	1	L419B	ALUMINIUM ENDCAP (2-PART SET) QUARTER ROUND SIZE 230
	or		GREY
1+9	1	L419C	ALUMINIUM ENDCAP (2-PART SET) QUARTER ROUND SIZE 230
	or		BEIGE
1+9	1	L419D	ALUMINIUM ENDCAP (2-PART SET) QUARTER ROUND SIZE 230
2	1	L419CL	WEDGE FOR REINFORCED SLIDING GUIDES D. 28 (by 2)
3	2	4203	SCREW CBL Z ST 3,9 - 25 Zn72
4	1	A484E	ADJUSTABLE DUMMY END OCTAGONAL 60 13mm SQUARE FOR SAFETY BRAKE
5	-	---	60 MM OCTAGONAL TUBE
6	2	C520K	GUIDING PLATE 130 x 130 FOR ALUMINIUM ENDCAP SIZE 230
7	10	4259	SCREW H M5 x 8
8	1	-	MOTOR CSI
10	2	4129	SCREW H M 6-25 Zn8/A/Fe CLASSE 8.8
11	6	4507	NUT
12	-	-	GUIDE RAILS
13	1	D592DB	DOUBLE CARDAN JOINT HEXAGONAL 7 MM L. 355 FOR FUNNEL WHITE RAL 9010
14	1	E599A	REMOVABLE HANDLE
15	2	H135	ROUND STOPPER WITH RING AND SCREW
16	4Mini	H823	RING Ø 88 MM
17	1	L430H	SET FOR ADJUSTABLE GUIDING COMPONENTS
18	-	---	SHUTTER BOX
19	2	C520EC	BRACKET FOR ALU ENDCAP 230
20	1	▣	SAFETY BRAKE
21	-	-	SHUTTER
22	2Mini	H844	Blocksur Autoautolock 2 ELEMENTS 8 MM SLAT
22	2Mini	H818	Blocksur Autoautolock 2 ELEMENTS 14 MM SLAT
		OPTION :	
23	4	4204	SCREW CBL Z ST 3,9 - 9,5
24	1	L429B2	REDUCED PLATE FOR 230 ENDCAP GUIDE RAIL 28
25	1	L429B3	REDUCED PLATE FOR 230 ENDCAP GUIDE RAIL 28



Remarque : coté pare-chute : Il est nécessaire de couper le béton sur une longueur de 10 mm MINIMUM

A 18-Oct-17
R-ZF-OCTO-528D





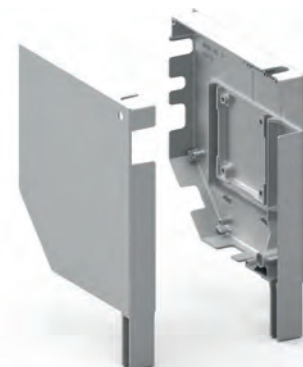
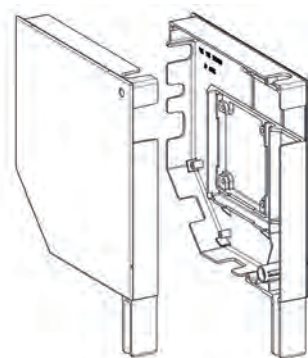
ENDPLATE

PAIR OF ENDPLATE SIZE 250 45°

L427



90 x30



Features

Raw or lacquered aluminum.
Can be used with reinforcement brackets.
Packed in a protective foam bay.

Use

Allows the fixing of safety brakes

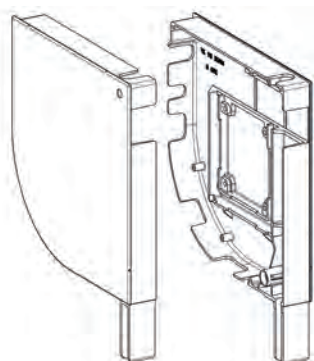
REF.	COLOR	PACK.
L427	Raw	4
L427A	White RAL 9016 shiny BJ31	4
L427AA	White RAL 9016 matt BJ31	4
L427B	Grey RAL 7035 matt GR01	4
L427BA	Grey RAL 7016 GR32	4
L427C	Beige RAL 1015 satin BR23	4
L427D	Brown RAL 8019 shiny BR28	4
L427E	White RAL 9010 Satin BJ01	4
L427F	Gray RAL 9006 matt GM01	4
L427G	Brown RAL 8014 satin MA28	4
L427H	Beige BR28 specific	4

PAIR OF ENDPLATE SIZE 250 (QUARTER) ROUND

L417



90 x30



Features

Raw or lacquered aluminum.
Can be used with reinforcement brackets.
Packed in a protective foam bay.

Use

Allows the fixing of safety brakes

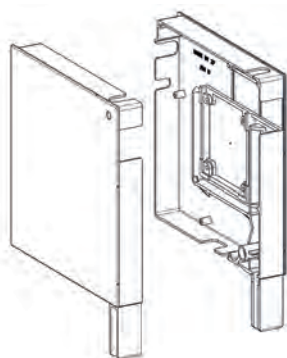
REF.	COLOR	PACK.
L417	Raw	4
L417A	White RAL 9016 shiny BJ31	4
L417B	Grey RAL 7035 matt GR01	4
L417BA	Grey RAL 7016 GR32	4
L417D	Brown RAL 8019 shiny MA27	4
L417E	White RAL 9010 satin BJ01	4



ENDPLATE

PAIR OF ENPLATE SIZE 250 SQUARE

L467



90 x30

Features

Raw or lacquered passivated aluminum.
Pre-cut peripheral wall for:
- motor cable mounting
- feed rod passage 6 mm. hex. emergency handling
Ground reinforcement feedthrough
- Access to the motor limit switch buttons
Perking Ø 10 on the bottom of the endplate for the motor wire passage.
Slip and slide section: 31.5 x 19.5.

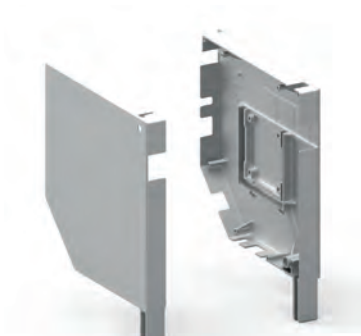
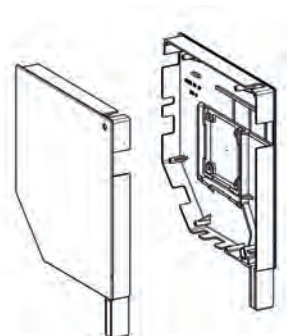
Use

For square shutter box.
For fixing the stop device of the markets.
Fastened with 4 screws M6.

REF.	COLOR	PACK.
L467	Raw	4
L467A	White RAL 9016 BJ31	4
L467BF	Grey GR40	4
L467C	Beige RAL 1015 BR23	4
L467E	White RAL 9010 satin	4

PAIR OF ENDPLATE SIZE 300 45°

L428



90 x30

Features

Raw or lacquered passivated aluminum.
Pre-cut peripheral wall for:
- motor cable mounting
- feed rod passage 6 mm. hex. emergency handling
Ground reinforcement feedthrough
- Access to the motor limit switch buttons
Perking Ø 10 on the bottom of the endplate for the motor wire passage.
Slip and slide section: 31.5 x 19.5.

Use

Allows the fixing of the fall protection devices on the market. Fixing with 4 M6 screws.

REF.	COLOR	PACK.
L428	Raw	5
L428A	White RAL 9016 shiny BJ31	5
L428AA	White RAL 9016 matt BJ31	5
L428B	Gray RAL 7035 matt GR01	5
L428BA	Gray RAL 7016 satin GR32	5
L428BB	Gray RAL 7038 GR34	5
L428BD	Gray RAL 7044 GR37	5
L428C	Beige RAL 1015 satin BR23	5
L428D	Brown RAL 8019 shiny MA27	5
L428E	White RAL 9010 satin BJ01	5
L428F	Grey RAL 9006 matt GM01	5
L428G	Brown RAL 8014 satin MA28	5
L428H	Beige specific BR28	5



ENDPLATE

PAIR OF ENDPLATE 300 ROUND

L418



90 x30

Features

Raw or lacquered aluminum.
Can be used with reinforcement brackets.
Packed in a protective foam bay.

Use

Allows the fixing of safety brakes

REF.	COLOR	PACK.
L418	Raw	5
L418A	White Ral 9016 shiny BJ31	5
L418E	White RAL 9010 Satin BJ01	5
L418EB	White RAL 9010 Shiny BJ32	5

PAIR OF ENDPLATE SIZE 300 45° FOR MOVING CARRIAGE

L428X1



90 x30

Features

Raw or lacquered aluminum.

Use

Machined type based on the standard version.
Allows the mounting of the moving carriage.
Adapted to standard guide rail .

REF.	COLOR	PACK.
L428X1	Raw	5
L444A	White RAL 9016 shiny BJ31	5
L444BA	Grey RAL 7016 satin GR32	5
L444C	Beige RAL 1015 satin BR23	5
L444D	Brown RAL 8019 shiny MA27	5
L444E	White RAL 9010 satin BJ01	5

PAIR OF ENDPLATE SIZE 300 QUARTER ROUND

L418X1



90 x30

Features

Raw or lacquered aluminum.
Supplied as a pair packed in protective foam for lacquered types

Use

Machined type based on the standard type
Allows the mounting of the moving carriage.
Adapted to standard guide rail.

REF.	BOX SIZE	COLOR	PACK
L418X1	300	Raw	5
L448A	300	White RAL 9016 shiny BJ31	5
L448E	300	White RAL 9010 satin BJ01	5



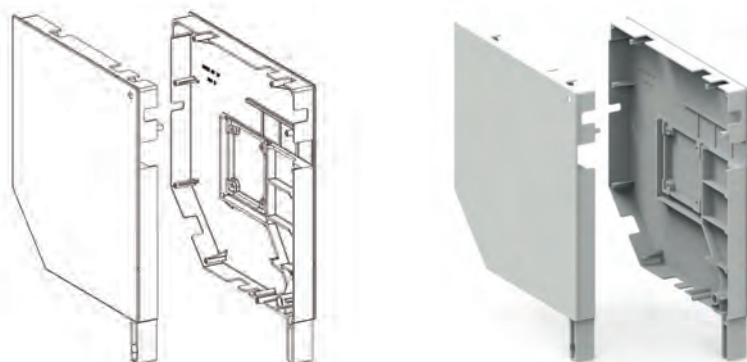
ENDPLATE

PAIR OF ENDPLATE SIZE 360 45°

L446A



90 x30



Features

Raw or lacquered aluminum.
Can be used with reinforcement brackets.
Packed in a protective foam bay.

Use

Allows the fixing of safety brakes

REF.	TCOLOR	PACK.
L446BT	Raw	4
L446A	White RAL 9016 shiny BJ31	4
L446AA	White RAL 9016 matt BJ31	4
L446C	Beige RAL1015 BR23	4
L446D	Brown RAL8019 MA27	4
L446E	White RAL 9010 Satin	4
L446H	Beige BR 28 specific	4

REF.	TCOLOR	PACK.
L447BT	Raw	4
L447D	Brown RAL 8019	4
L447E	White RAL 9016 BJ31	4
L447N	Black	4

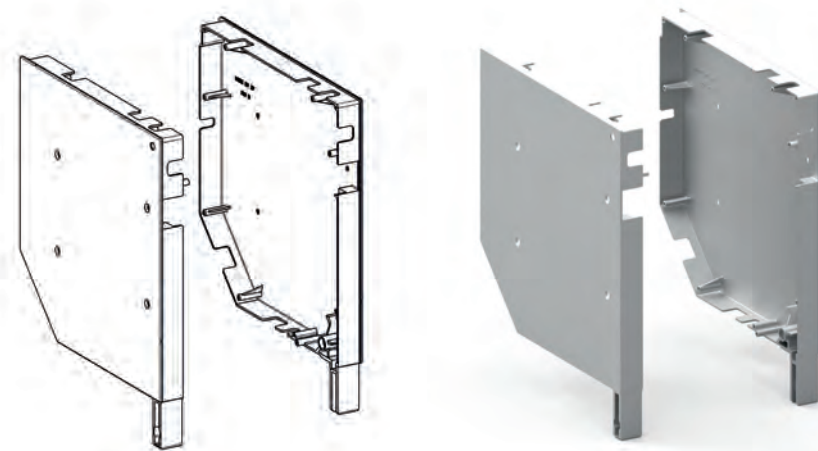
L447x for Alulux and BP 360 box.

PAIR OF ENDPLATE SIZE 360 45° FOR MOVING CARRIAGE

L446X1



90 x30



Features

Raw or lacquered passivated aluminum.
Pre-cut peripheral wall for:
- motor cable mounting
- feed rod passage 6 mm. hex. emergency handling
Ground reinforcement feedthrough
- Access to the motor limit switch buttons
Perking Ø 10 on the bottom of the endplate for the motor wire passage.
Slip and slide section : 31.5 x 19.5
Supplied as a pair packed in protective foam for lacquered types

Use

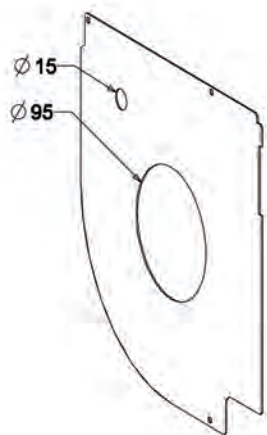
45° cutaway box
Allows the fixing of the fall protection devices on the market. Fixing with 4 M6 screws.

REF.	TCOLOR	PACK.
L446X1	Raw	4
L445A	White RAL 9016 shiny BJ31	4
L445BA	Grey RAL 7016 satin GR32	4
L445C	Beige RAL 1015 satin BR23	4
L445D	brown RAL 8019 shiny MA27	4
L445E	White RAL 9010 satin	4



GUIDING PLATE

L438D



Features

Galvanized steel thickness 1 mm.

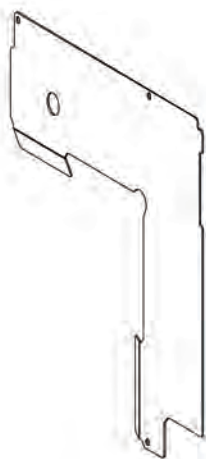
Use

Fixing on endcap through 3 screws TC D 3.9
 L=9.5 ; RÉF. 4204.
 Mounted right or left.

REF.	ENDPLATE SIZE	PACK.
L438D	250	30
L439D	300	20
L439F	360	6

L-SHAPED PLATE

L438A



Features

Galvanized steel thickness 1 mm.

Use

Allows removing the motor without disassembly
 of the flange. Fitting with 3 screws $\varnothing 3.9 \times 9.5$
 Ref. 4204.

REF.	ENDPLATE SIZE	TYPE	PACK.
L438A	250	Left	30
L438B	250	Right	30
L439A	300	Left	20
L439B	300	Right	20



SHUTTER BOX REINFORCEMENT

SHUTTER BOX REINFORCEMENT BRACKET

L441



Features

Galvanized steel thickness 1.5 mm.

Use

One bracket every 80 cm.
To be used with Alulux or Gimenez Ganga shutter boxes.
Please contact us for other types of roller shutter boxes.

REF.	BOX SIZE	PACK.
L441	250	30
L441A	300	30

L-SHAPED REINFORCEMENT

L441CA



Features

Galvanized steel thickness 1.5 mm.

Use

One bracket every 80 cm.
Can be used on all types of boxes.

REF.	BOX SIZE	PACK.
L441CA	300	30
L441DA	360	30

SHUTTER BOX REINFORCEMENT (3 PARTS BOXES)

L441DB



Features

Galvanized steel thickness 1.5 mm.

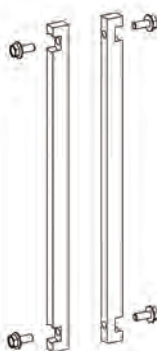
Use

One bracket every 80 cm.
Can be used on all types of boxes.

REF.	BOX SIZE	PACK.
L441DB	360	30

REINFORCING SET FOR ENDPLATE SIZE 360

L446



Features

Steel zinc-coated
Supplied as a pair in a bag with the 4 fixing screws : self-tapping screw TH M6 x 15 Ref. 4126.

REF.	PACK.
L446	20



MOVING CARRIAGE SET - FOR DOUBLE GUIDE RAIL

L443J



105 x 30

Features

Slide:

Galvanized steel thickness 2.5 mm.

Trolley:

Galvanized steel thickness 2.5 mm.

Steel ball bearing, waterproof, greased with POM tread

Use

Sliding rail:

Mounted on endcap size 300.

Fixed through 4 screws TH M6 x 12 RÉF. 4127.

With 2 bores M5 for blocking the carriage for transport and maxi. winding position : take a screw TC M5 x 20 RÉF. 4152.

It is necessary to mount 2 identical models for each side RIGHT or LEFT.

Carriage:

for fixing motors with manual override and safety brake system device.

Both adjustable rollers are mounted on the top : to be set in the horizontal hole after installation of the tube in the shutter box.

NEW

REF.	BOX SIZE	PACK.
L443J *NEW*	250	4
L430J	300	4
L430JA	360	4

MOVING CARRIAGE SET - FOR SIMPLE GUIDE RAIL

L444JB



90 x 30

Features

Set of metal parts made of galvanized steel

A set include :

- REP H : 1 motor bracket
- REP G
- REP F : 2 slides
- REP A : 2 reinforcement brackets
- REPB : 8 screws M6 x 20
- REP C : 8 nuts M6
- REP D : 4 screws M5 x 14
- REP E : 8 rubber damping pads Ø 12

Use

Can only be used on machined end plate or heavy shutter steel plate Ref. B110BB.

NEW

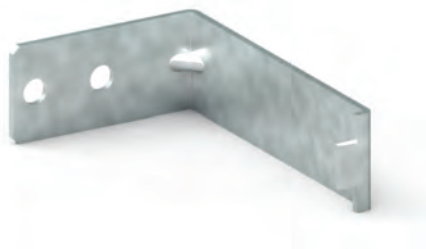
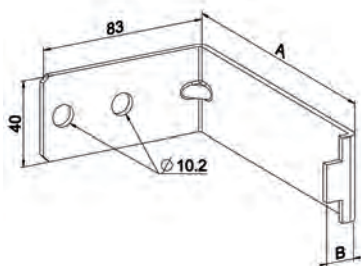
REF.	BOX SIZE	MOTOR	PACK.
L444JA	300	Somfy	2
L444JB	300	Cherubini	2
L444JC *NEW*	300	Somfy	2
L444JD *NEW*	300	Cherubini	2
L445JA	360	Somfy	2
L445JB	360	Cherubini	2



REINFORCING BRACKET

REINFORCEMENT SQUARE OR BRACKET

C520E



Features

Galvanized steel or stainless steel 3 mm thick.

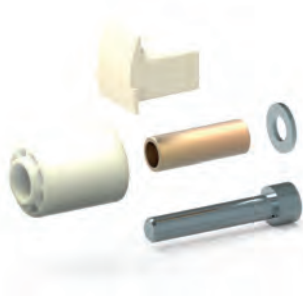
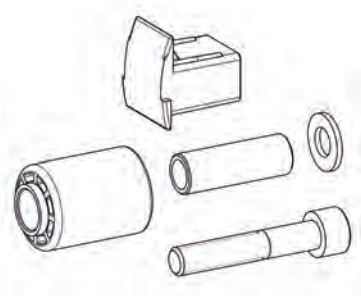
Use

For a rigid fixing of the shutter box to the wall.
To be mounted with carriage system or plate Ref. C520P.
For moving carriage, use B = 16.

REF.	TYPE	DIM.A	MATERIAL	DIM.B	ENDPLATE SIZE	PACK.
C520E	Shutter box set inside	136	Galvanized steel	16	250 and 300	60
C520EA	Shutter box set inside	166	Galvanized steel	16	360	40
C520EL	Shutter box set inside	136	Galvanized steel	9	250 and 300	60

STD GUIDING SET

L430A



Features

Pad and roller : PA
Bearing : brass.
Screw : M10 x 55 galvanized steel or stainless steel.
Washer : 20 x 10.2 x 2 passivated galvanized steel or stainless steel.
Bag containing 2 screws, 2 washers, 2 rollers, 2 pads and 2 rollers bearings.

Use

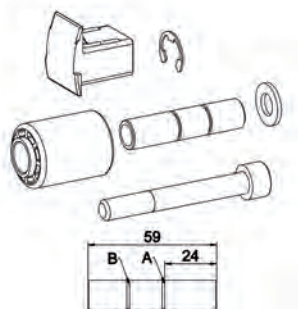
The bearing guides the rolling of the shutter.
The pin is set on the endcap : mechanical centering.
The patin is pinched on the endcap and ensures the guiding of the slats.
We advice to use this set on guiding rail with 90 mm maxi depth.

REF.	TYPE	PACK.
L430A	Set for 14 mm slat - roller D. 38	30
L430B	Set for 19 mm slat - roller D. 30	30
L430C	Set for 14 mm slat - stainless steel screws - roller D.38	30
L430D	Set for 19 mm slat - stainless steel screws - roller D.30	30
L430E	Set for 25 mm slat - roller D.22	30
L430L	Set for 22 mm slat - roller D.22	50



ADJUSTABLE GUIDING SET

L430G



Features

Pad and roller : PA natural color.
 Bearing : brass.
 Screw : M10 x 75 galvanized steel.
 Ring : treated steel.
 Washer : 20 x 10.2 x 2 galvanized steel .
 The bronze bearing has 2 grooves of positioning of the ring, allowing the adjustment of the offset of the roller according to the depth of the slide:
 Position A = slide from 95 to 105
 Position B = slide from 75 to 90.
 Bag containing 2 screws, 2 washers, 2 rollers, 2 pads and 2 rollers bearings.

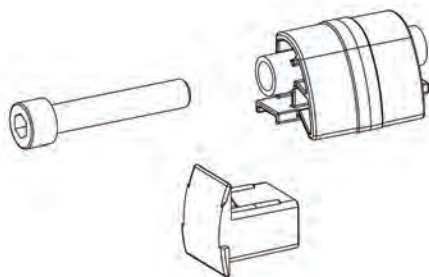
Use

The bearing guides the rolling of the shutter.
 The pin is set on the endcap : mechanical centering.
 The patin is pinched on the endcap and ensures the guiding of the slats.
 We advice to use this set on guiding rail with 90 mm maxi depth.

REF.	TYPE	PACK.
L430G	Set for 14 mm slat - roller D.38	30
L430H	Set for 19 mm slat - roller D.30	30
L430HA	Set for 17 mm slat - roller D.32	30
L430HC	Set for 23 mm slat - roller D.25	30
L430HD	Set for 19 mm slat - roller D.30 without patin	30

GUIDING SET WITH NEW PAD

L430N



NEW

Features

Pad and roller : PA natural color.
 Screw : M10 x 75 galvanized steel.

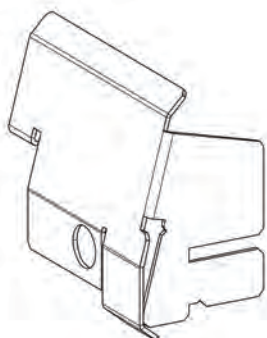
Use

The bearing guides the rolling of the shutter.
 The pin is set on the endcap : mechanical centering.
 The patin is pinched on the endcap and ensures the guiding of the slats.

REF.	PACK.
L430N	30

PAD

L427B3



Features

Galvanized steel 1.5 mm thick.

Use

Ensures the guiding of the curtain at the entrance of the slide.
 Exclusive installation with MOVING CARRIAGE system for 2-gage slides.

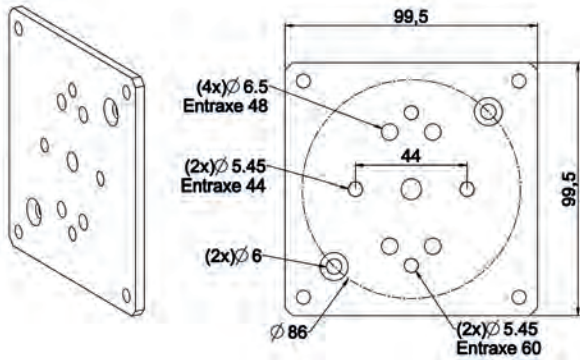
REF.	ENDPLATE SIZE	TYPE	PACK.
L427B3	300	Right	t30
L427B3	300	Left	30
L427B5	360	Right	30
L427B6	360	Right	30



BRACKET

BRACKET PLATE

C520A



Features

Galvanized steel thickness 4 mm.

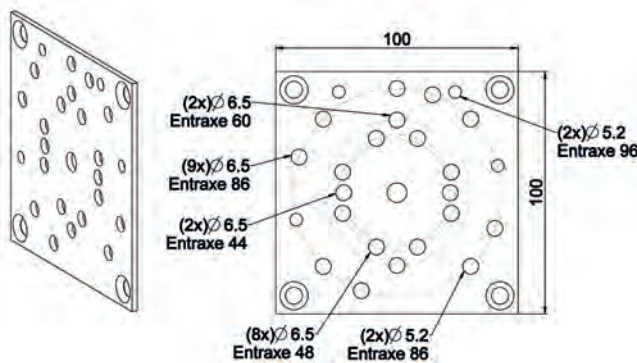
Use

For fixing motors with emergency device in the majority endcaps sizes 250 and 300

REF.	PACK.
C520A	50

UNIVERSAL BRACKET PLATE

C520F



Features

Galvanized steel thickness 2.5 mm.

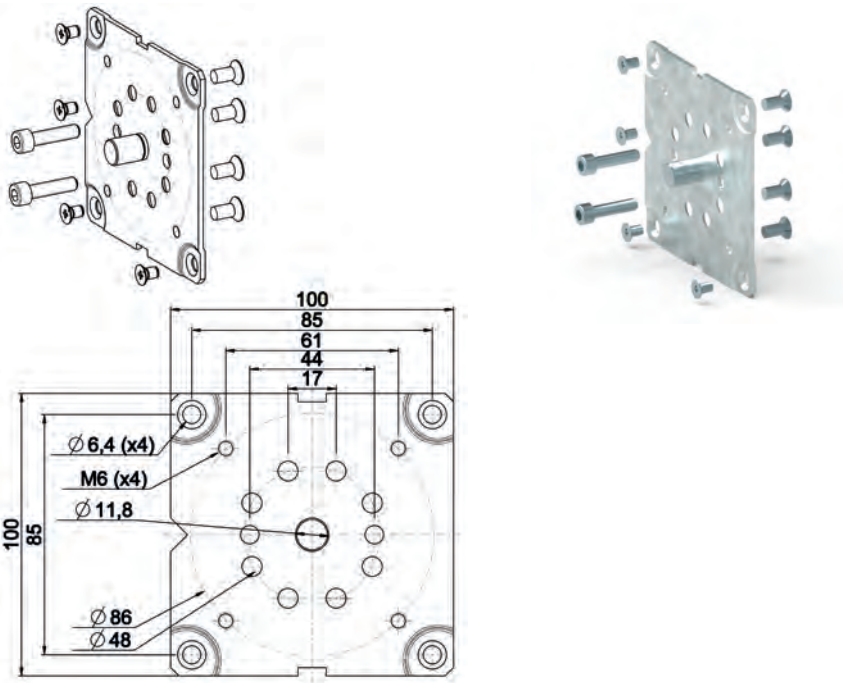
Use

To be set on endcaps size 250 - 300 and 360.
For fixing motors with emergency device.
For fixing BRACKETs type B104 and B100GA.

REF.	PACK.
C520F	60

BRACKET PLATE DOOYA MOTOR

C520GG



Features

Galvanized steel thickness 2.5 mm.

Screws : galvanized steel.

Set delivered in an individual bag including :

- 1 plate with pin Ø 12
- 4 screws TF M5 x 8
- 4 screws TF M6 x 12
- 2 screws Chc M6 x 25

Use

Mounts on the ZF T250 - 300 - 360 endplate as well as on the endplate of the market.

For Dooya motors of the ranges :

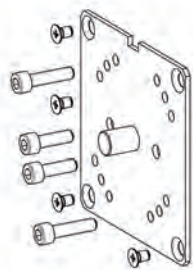
- Ø 45 using the 8 countersunk holes of the center
- Ø 59 using the 4 threaded holes M6.

REF.	PACK.
C520GG	60



BRACKET PLATE WISTAR & SIMU MOTOR

C520GF



Features

Galvanized steel thickness 2.5 mm.
 Screws : galvanized steel.
 Set delivered in an individual bag including :
 - 1 plate with pin Ø 12
 - 4 screws Chc M5 x 2.5
 - 4 screws TF M5 x 8
 - 2 screws Chc M6 x 20

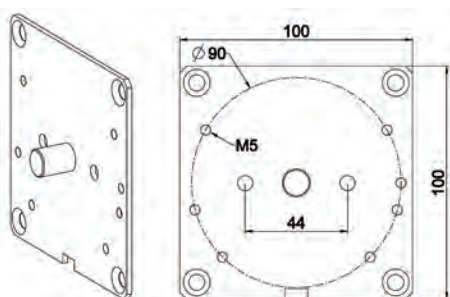
Use

Supplied with the M5 mounting hardware for T250 - 300 flanges on the market.
 Can be used on ZF flanges but with M6 x 10 TF screws.
 Fits 12 M6 tapped holes for fixing different motors.

REF.	PACK.
C520GF	60

BRACKET PLATE WITH 12 MM PIN

C520G



Features

Galvanized steel thickness 2.5 mm.

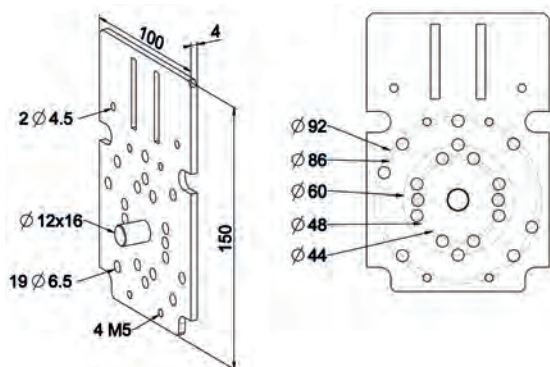
Use

To be mounted on endcaps size 250 - 300 and 360.

REF.	PACK.
C520G	60

BRACKET PLATE 100X150 ALU ENDPLATE GT

C520PN



Features

Galvanized steel thickness 4 mm.

Use

Each plate version usually has the holes required to achieve the following emergency handling output orientations:

- Horizontal exit High
- Horizontal low output
- Vertical output
- 45° output

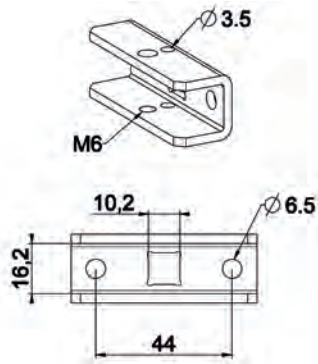
REF.	Ø 12 PIN	MOTOR TYPE	PACK.
C520PB	Without	Becker Simu Somfy Nice MH Lianda 55	30
C520PA	Without	Cherubini	30
C520PB	Without	Nice MH - LH	30
C520PC	Without	Came Ø 45 et Ø 55	30
C520PE	With	Came Ø 45 et Ø 55	30
C520PF	Without	Nice MH et LH	30
C520PG	With	Nice MH et LH	30
C520PH	Without	Lianda Ø 45	30
C520PJ	With	Lianda Ø 45	30
C520PN	With	Nice MH et LH	30



BRACKET

U-SHAPED REINFORCEMENT BRACKET 16-11

B100G



Features

Galvanized steel thickness 3 mm

Use

For mounting of the motors with crank pin 10 mm or 16 mm square.

For mounting the Ø 16 dummy ends

Delivered in bags with a screw TH M6 x 25 class 8-8.

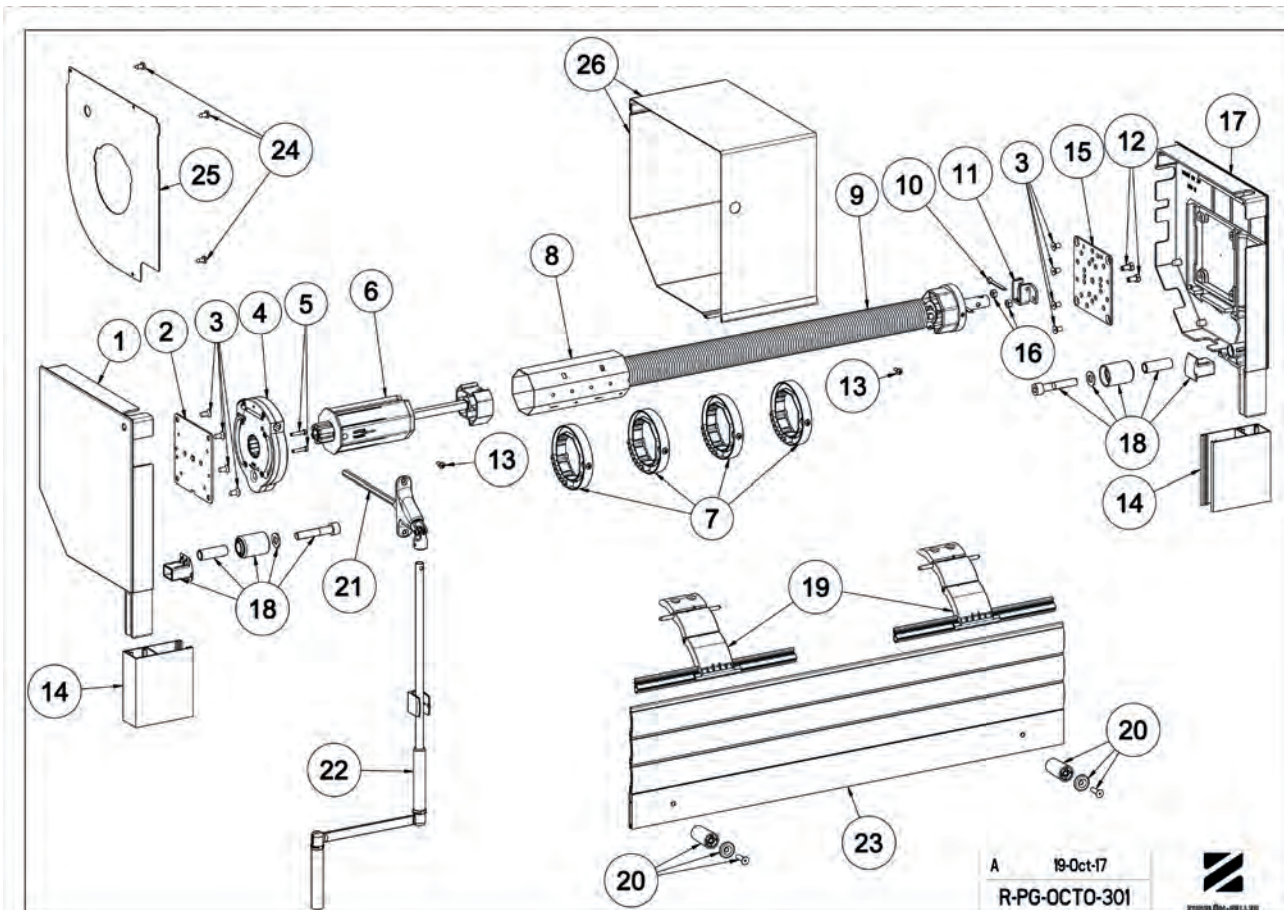
Delivered for heavy shutter (150 kg)

REF.	TYPE	PACK.
B100G	Without screw	100
B100GA	With screw	100



R-PG-301 - ASSEMBLY FOR ROLLER DOOR FOR GEARBOX 7 : 1 «VIS FREIN» WITH SPRING FOR 60 MM OCTAGONAL TUBE

MARK	QTY	REFERENCE	DESCRIPTION	REFERENCE SIZE 250 QUARTER ROUND	REFERENCE SIZE 300 45°	REFERENCE SIZE 300 QUARTER ROUND
1+17	1	L427A	ALUMINIUM ENDPLATES (2-PART SET) 45° 250	L417A	L428A	L418A
OR	OR	OR	WHITE	OR	OR	OR
1+17	1	L427B	ALUMINIUM ENDPLATES (2-PART SET) 45° 250	L417B	L428B	L418B
OR	OR	OR	GREY	OR	OR	OR
1+17	1	L427C	ALUMINIUM ENDPLATES (2-PART SET) 45° 250	L417C	L428C	L418C
OR	OR	OR	BEIGE	OR	OR	OR
1+17	1	L427D	ALUMINIUM ENDPLATES (2-PART SET) 45° 250	L417D	L428D	L418D
2	1	C520G	FOR ALUMINIUM ENDCAP BRACKET	C520G	C520G	C520G
3	8	4110	SCREW F Z M 6-10 RL ZN8/A/FE	4110	4110	4110
4	1	C184	GEARBOX	C184	C184	C184
5	2	4152	SCREW CBL Z M 5-20 RL ZN8/A/FE	4152	4152	4152
6	1	A484	RETRACTABLE DUMMY END FOR 60 OCTAGONAL 12MM HOLE	A484	A484	A484
7	4MINI	H823	RING Ø 88 MM	H823	H823	H823
8	-	---	60 MM OCTAGONAL TUBE	---	---	---
9	1	A864	SPRING FOR 60 OCTAGONAL TUBE LEFT	A864	A864	A864
OR	OR	OR		OR	OR	OR
9	1	A865	SPRING FOR 60 OCTAGONAL TUBE LEFT	A865	A865	A865
10	1	4629	SPLINT 4 X 32	4629	4629	4629
11	1	B104	PIN BRACKET	B104	B104	B104
12	2	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017	4127	4127	4127
13	2	4205	SCREW CBL Z ST 4,2 - 13 C ZN8/A/FE X 200	4205	4205	4205
14	-	--	GUIDE RAILS	--	--	--
15	1	C520F	UNIVERSAL BRACKET 100MM*100MM	C520F	C520F	C520F
16	2	4507	NUT	4507	4507	4507
18	1	L430A	GUIDING COMPONENTS (KIT)	L430A	L430A	L430A
OR	OR	OR		OR	OR	OR
18	1	L430B	GUIDING COMPONENTS (KIT)	L430B	L430B	L430B
19	2MINI	H818	BLOCKSUR AUTOAUTOLOCK 2 ELEMENTS 14 MM SLAT	H818	H819	H819
20	2	H135	ROUND STOPPER WITH RING AND SCREW	H135	H135	H135
21	1	D590LB	CARDAN JOINT 90 ° SMALL PLATE	D590LB	D590LB	D590LB
22	1	SÉRIE E6..	CRANK HANDLE	SÉRIE E6..	SÉRIE E6..	SÉRIE E6..
23	-	-	SHUTTER	-	-	-
26	-	---	SHUTTER BOX	---	---	---
OPTION : FOR SHUTTER GUIDING						
24	6	4204	SCREW CBL Z ST 3,9 - 9,5	4204	4204	4204
25	2	L438D	GUIDING PLATE 45° 250	L438D	L439D	L439D



A 19-Oct-17

R-PG-OCTO-301





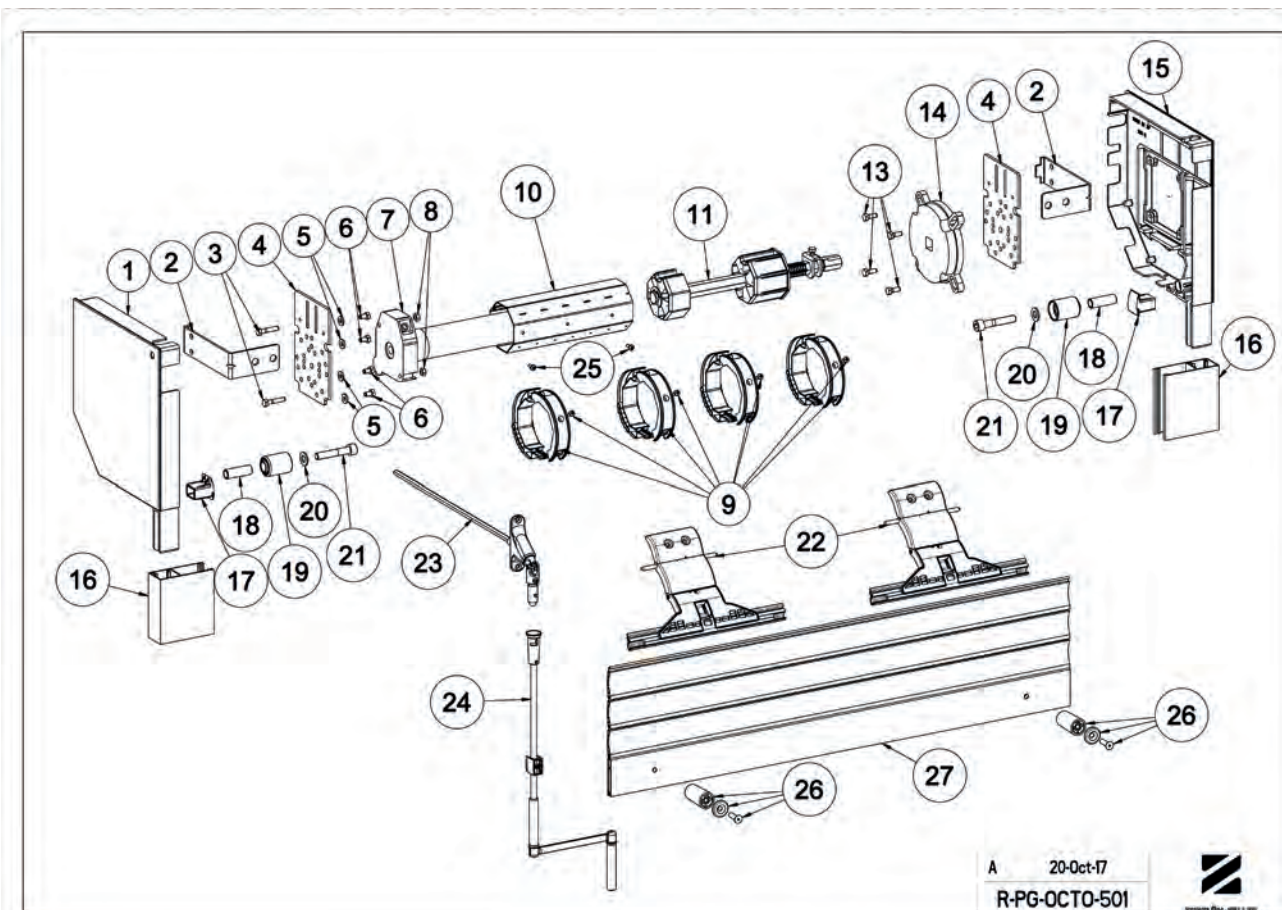
ASSEMBLY

R-PG-501 - ASSEMBLY FOR MOTOR WITH MANUAL OVERRIDE

MARK	QTY	REFERENCE	DESCRIPTION	REFERENCE SIZE 250 QUARTER ROUND	REFERENCE SIZE 250 SQUARE	REFERENCE SIZE 300 45°	REFERENCE SIZE 300 QUARTER ROUND
1+15 OR	1 OR	L427A OR	ALUMINIUM ENDPLATES (2-PART SET) 45° 250 WHITE	L417A OR	L467A OR	L428A OR	L418A OR
1+15 OR	1 OR	L427B OR	ALUMINIUM ENDPLATES (2-PART SET) 45° 250 GREY	L417B OR	- OR	L428B OR	L418B OR
1+15 OR	1 OR	L427C OR	ALUMINIUM ENDPLATES (2-PART SET) 45° 250 BEIGE	L417C OR	L467C OR	L428C OR	L418C OR
1+15	1	L427D	ALUMINIUM ENDPLATES (2-PART SET) 45° 250	L417D	L467D	L428D	L418D
2	2	C520E	PLATE FOR ALUMINIUM ENDCAP BIG SIZE	C520E	C520E	C520E	C520E
3	2	4129	SCREW H M 6-25 ZN8/A/FE CLASSE 8.8	4129	4129	4129	4129
4	2	C520P	SUPPORT 100MM*150MM ALUMINIUM ENDCAP	C520P	C520P	C520P	C520P
5	4	N151	STEEL WASHER	N151	N151	N151	N151
6	4	4125	SCREW H M 6-10 6-8 ZN8/A/FE EN 24017	4125	4125	4125	4125
7	1		MOTOR CSI				
8	2	4507	NUT	4507	4507	4507	4507
9	4 MINI	H895AC	RING FOR GARAGE DOOR AUTOAUTOLOCK OCTAGONAL 70 + SCREW	H895AC	H895AC	H895AC	H895AC
10	-	----	70 MM OCTAGONAL TUBE	----	----	----	----
11	1	A485	ADJUSTABLE DUMMY END OCTAGONAL 70 18MM SQUARE FOR SAFETY BRAKE	A485	A485	A485	A485
13	4	4128A	SCREW H M 6-16 8-8 ZN5/A/FE EN 24017	4128A	4128A	4128A	4128A
14	1	▣	SAFETY BRAKE	▣	▣	▣	▣
16	-	--	GUIDE RAILS	--	--	--	--
17	2	L427C3	SLIDING BAUTOLOCK	L427C3	L427C3	L427C3	L427C3
18	2	L427Z1	BEARING L41	L427Z1	L427Z1	L427Z1	L427Z1
19	2	L427C1	ROLLER D30	L427C1	L427C1	L427C1	L427C1
OR	OR	OR					
19	2	L427C2	ROLLER D38	L427C2	L427C2	L427C2	L427C2
20	2	4837	WASHER 20 X 10 X 2 ZN8/A/FE	4837	4837	4837	4837
21	2	4323	SCREW CHC M10-55 6-8 ZN8/A/FE	4323	4323	4323	4323
22	2 MINI	H895B	GARAGE DOOR AUTOAUTOLOCK 2 ELEMENTS	H895B	H895B	H895B	H895B
23	1	D592DB	DOUBLE CARDAN JOINT HEXAGONAL 7 MM L. 355 FOR FUNNEL WHITE RAL 9010	D592DB	D592DB	D592DB	D592DB
24	1	E599A	REMOVABLE HANDLE	E599A	E599A	E599A	E599A
25	2	4205	SCREW CBL Z ST 4,2 - 13 C ZN8/A/FE X 200	E599A	E599A	E599A	E599A
26	2	H135	ROUND STOPPER WITH RING AND SCREW	H135	H135	H135	H135
27	-	-	SHUTTER	-	-	-	-

REMARK :

PIECES MARK 17 - 18 - 19 - 20 - 21 ARE ALWAYS DELIVERED TOGETHER IN ONE BAG :
REF. L430A : SET ACCESSORIES ROLLER 38 - REF. L430B : SET ACCESSORIES ROLLER 30.



A 20-Oct-17

R-PG-OCTO-501





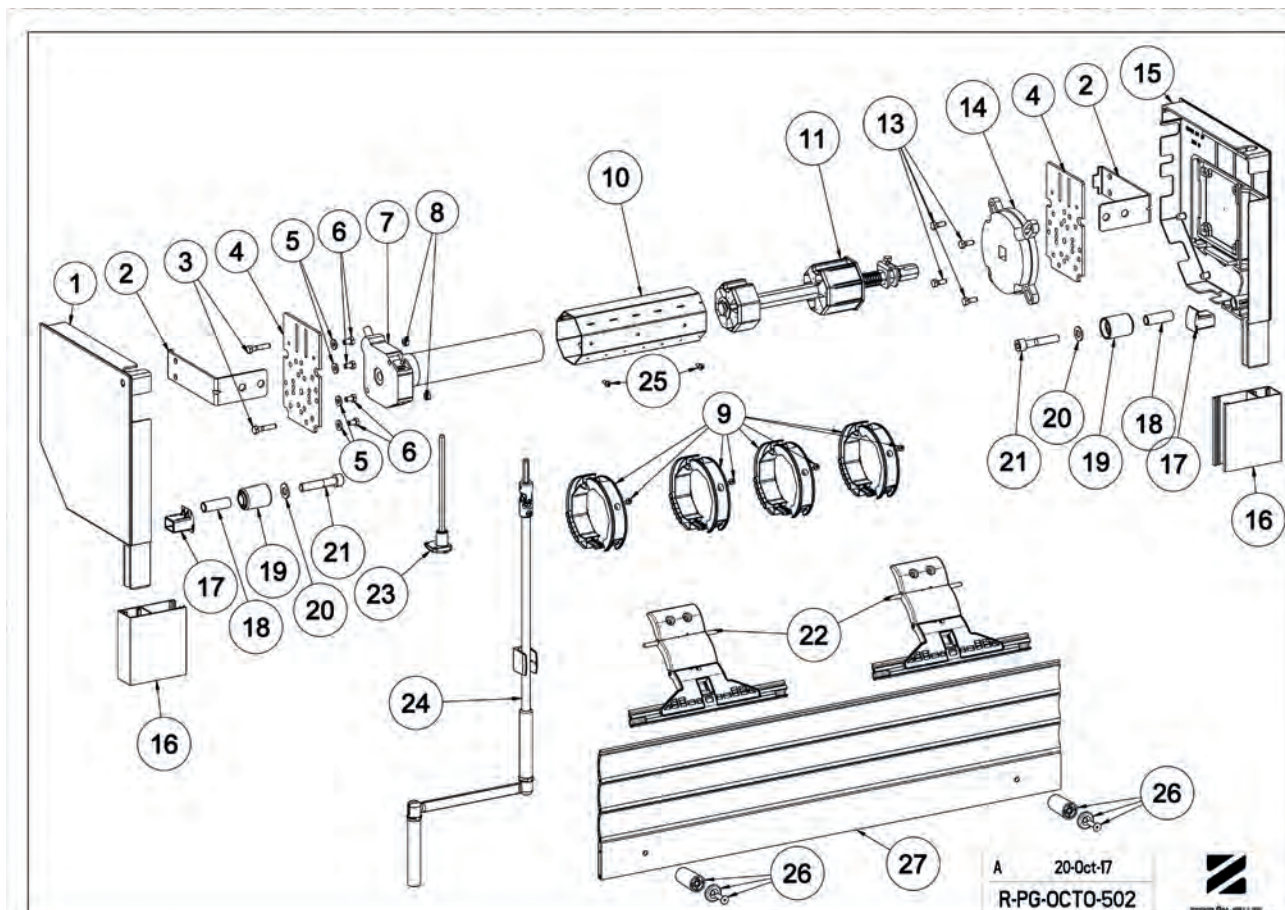
R-PG-502 - ASSEMBLY MOTOR WOTH MANUAL OVERRIDE - 70 MM OCTA TUBE

Mark	Qty	Reference	Description	Reference SIZE 250 QUARTER ROUND	Reference SIZE 250 SQUARE	Reference SIZE 300 45°	Reference SIZE 300 QUARTER ROUND
1+15	1	L427A	ALUMINIUM ENDPLATES (2-PART SET) 45° 250	L417A	L467A	L428A	L418A
or	or	or	WHITE	or	or	or	or
1+15	1	L427B	ALUMINIUM ENDPLATES (2-PART SET) 45° 250	L417B	-	L428B	L418B
or	or	or	GREY	or	or	or	or
1+15	1	L427C	ALUMINIUM ENDPLATES (2-PART SET) 45° 250	L417C	L467C	L428C	L418C
or	or	or	BEIGE	or	or	or	or
1+15	1	L427D	ALUMINIUM ENDPLATES (2-PART SET) 45° 250	L417D	L467D	L428D	L418D
2	2	C520E	PLATE FOR ALUMINIUM ENDCAP BIG SIZE	C520E	C520E	C520E	C520E
3	2	4129	SCREW H M 6-25 Zn8/A/Fe CLASSE 8.8	4129	4129	4129	4129
4	2	C520P	SUPPORT 100MM*150MM ALUMINIUM ENDCAP	C520P	C520P	C520P	C520P
5	4	N151	STEEL WASHER	N151	N151	N151	N151
6	4	4125	SCREW H M 6-10 6-8 Zn8/A/Fe EN 24017	4125	4125	4125	4125
7	1	-	MOTOR CSI	-	-	-	-
8	2	4507	NUT	4507	4507	4507	4507
9	4 Mini	H895AC	RING FOR GARAGE DOOR Autoautolock OCTAGONAL 70 + SCREW	H895AC	H895AC	H895AC	H895AC
10	-	----	70 MM OCTAGONAL TUBE	----	----	----	----
11	1	A485	ADJUSTABLE DUMMY END OCTAGONAL 70 18mm SQUARE FOR SAFETY BRAKE	A485	A485	A485	A485
13	4	4128A	SCREW H M 6-16 8-8 Zn5/A/Fe EN 24017	4128A	4128A	4128A	4128A
14	1	□	SAFETY BRAKE	□	□	□	□
16	-	--	GUIDE RAILS	--	--	--	--
17	2	L427C3	SLIDING BAutolock	L427C3	L427C3	L427C3	L427C3
18	2	L427Z1	BEARING L41	L427Z1	L427Z1	L427Z1	L427Z1
19	2	L427C1	ROLLER D30	L427C1	L427C1	L427C1	L427C1
or	or	or					
19	2	L427C2	ROLLER D38	L427C2	L427C2	L427C2	L427C2
20	2	4837	WASHER 20 x 10 x 2 Zn8/A/Fe	4837	4837	4837	4837
21	2	4323	SCREW CHC M10-55 6-8 Zn8/A/Fe	4323	4323	4323	4323
22	2 Mini	H895B	GARAGE DOOR Autoautolock 2 ELEMENTS	H895B	H895B	H895B	H895B
23	1	D109A	INTERNAL BOX JOINT Ø 16 HEXAGONAL 7 MM - L.150 MM WHITE	D109A	D109A	D109A	D109A
or	or	or					
23	1	D109B	INTERNAL BOX JOINT Ø 16 HEXAGONAL 7 MM - L.150 MM BROWN	D109B	D109B	D109B	D109B
24	1	E590	ASSEMBLED CRANK HANDLE FOR EMERGENCY OPERATION	E590	E590	E590	E590
25	2	4205	SCREW CBL Z ST 4,2 - 13 C Zn8/A/Fe x 200	4205	4205	4205	4205
26	2	H138	ROUND STOPPER WITH RING AND SCREW	H138	H138	H138	H138
27	-	-	SHUTTER	-	-	-	-

Remark :

Pieces mark 17 - 18 - 19 - 20 - 21 are always delivered together in one bag :

Ref. L430A : set accessories roller 38 - Ref. L430B : set accessories roller 30.



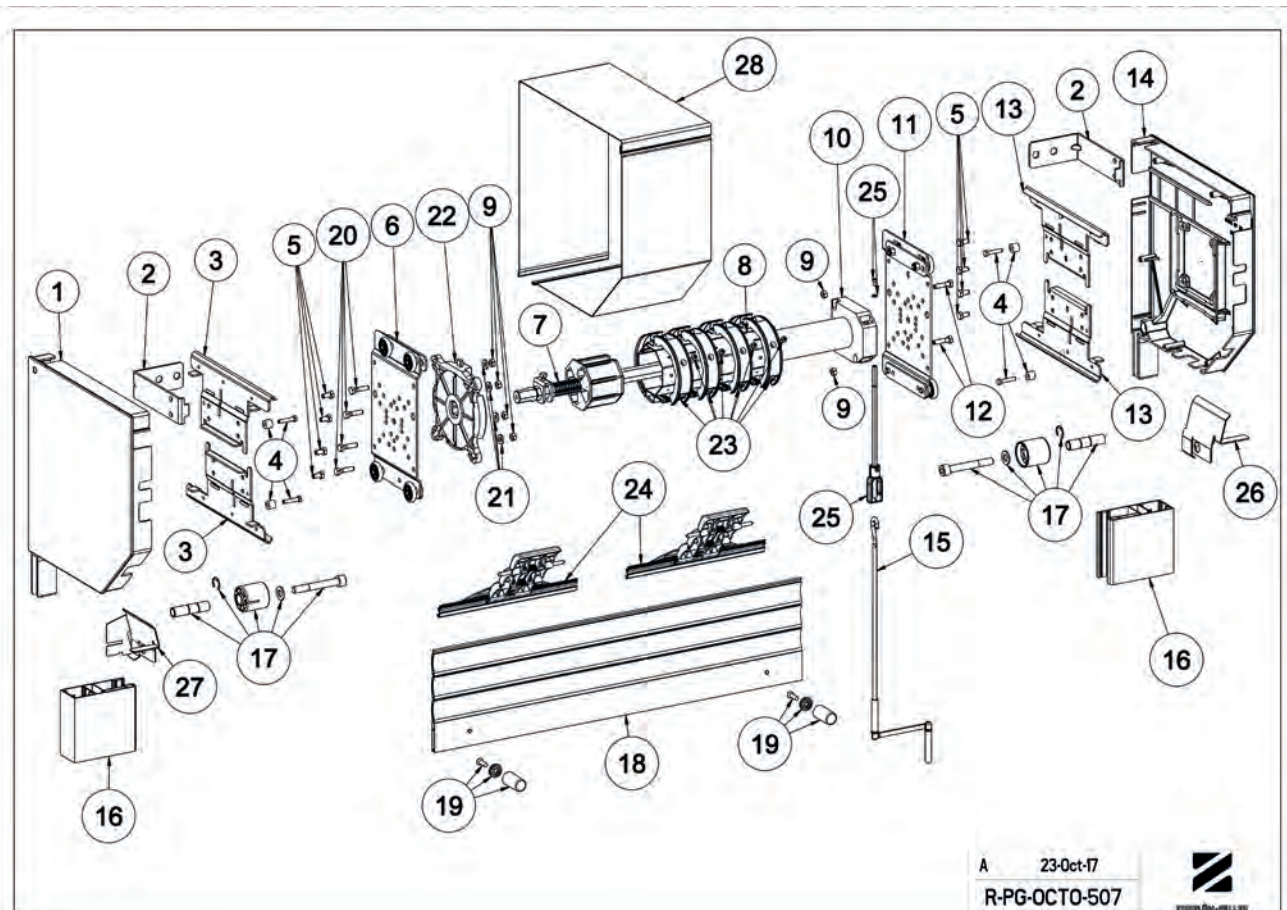


ASSEMBLY

**R-PG-507 - ASSEMBLY - SIMU MOTOR WITH MANUAL OVERRIDE - ROLLING
CONSOLE - 70 MM OCTA TUBE**

MARK	QTY	REFERENCE	DESCRIPTION	REFERENCE SIZE 300 QUARTER ROUND
1+14	1	L428A	ALUMINIUM ENDPLATES (2-PART SET) 45° 300	L418A
OR	OR	OR	WHITE	OR
1+14	1	L428B	ALUMINIUM ENDPLATES (2-PART SET) 45° 300	L418B
OR	OR	OR	GREY	OR
1+14	1	L428C	ALUMINIUM ENDPLATES (2-PART SET) 45° 300	L418C
OR	OR	OR	BEIGE	OR
1+14	1	L428D	ALUMINIUM ENDPLATES (2-PART SET) 45° 300	L418D
	2	C520E	PLATE FOR ALUMINIUM ENDCAP BIG SIZE	C520E
3	2	L430DA	SLIDING BRACKET RIGHT	L430DA
4	1	L430JM	ANTI NOISE PAD SET	L430JM
5	8	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017	4127
6	1	L430DB	COMPLETE CARRIAGE RIGHT	L430DB
7	1	A485	ADJUSTABLE DUMMY END OCTAGONAL 70 18MM SQUARE FOR SAFETY BRAKE	A485
8	-	----	70 MM OCTAGONAL TUBE	----
9	6	4507	NUT	4507
10	1	-	MOTOR SIMU DMI	-
11	1	L430GB	COMPLETE CARRIAGE LEFT	L430GB
12	2	4129	SCREW H M 6-25 ZN8/A/FE CLASSE 8.8	4129
13	2	L430GA	SLIDING BRACKET LEFT	L430GA
15	1	E618CT	PROFIL CRANK F301A L1000.WHYTE+HOOK Ø 10 EMMERGENCY OP.	E618CT
OR	OR	OR		OR
15	1	E631CT	PROFIL CRANK F301A L1200.WHYTE+HOOK Ø 10 EMMERGENCY OP.	E631CT
16	2	--	GUIDE RAILS	--
17	1	L430G	SET FOR ADJUSTABLE GUIDING COMPONENTS	L430G
OR	OR	OR		OR
17	1	L430H	SET FOR ADJUSTABLE GUIDING COMPONENTS	L430H
18	1	-	SHUTTER	-
19	2	H135	ROUND STOPPER WITH RING AND SCREW	H135
20	4	-	SCREW	-
21	4	N151	STEEL WASHER	N151
22	1	□	SAFETY BRAKE RING FOR GARAGE DOOR AUTOAUTOLOCK OCTAGONAL 70 + SCREW	□
23	4MINI	H895AC	SCREW	H895AC
24	2MINI	H895B	GARAGE DOOR AUTOAUTOLOCK 2 ELEMENTS	H895B
25	1	F606EG	EMERGENCY CARDAN JOINT WITH RING NI-BRI HEXA. 7 MM - 190 MM	F606EG
OR	OR	OR		OR
25	1	F606HG	EMERGENCY CARDAN JOINT WITH RING GALVANISED HEXA. 7 MM - 190 MM	F606HG
26	1	L427B4	SLIDING PAD 49,5 FOR ROLLING CONSOLE	L427B4
27	1	L427B3	SLIDING PAD 49,5 FOR ROLLING CONSOLE	L427B3
28	-	---	SHUTTER BOX	---

REMARK : PIECES MARK 3+6+11+13 ARE ALWAYS DELIVERED TOGETHER IN ONE SET : L430J



A 23-Oct-17
R-PG-OCTO-507

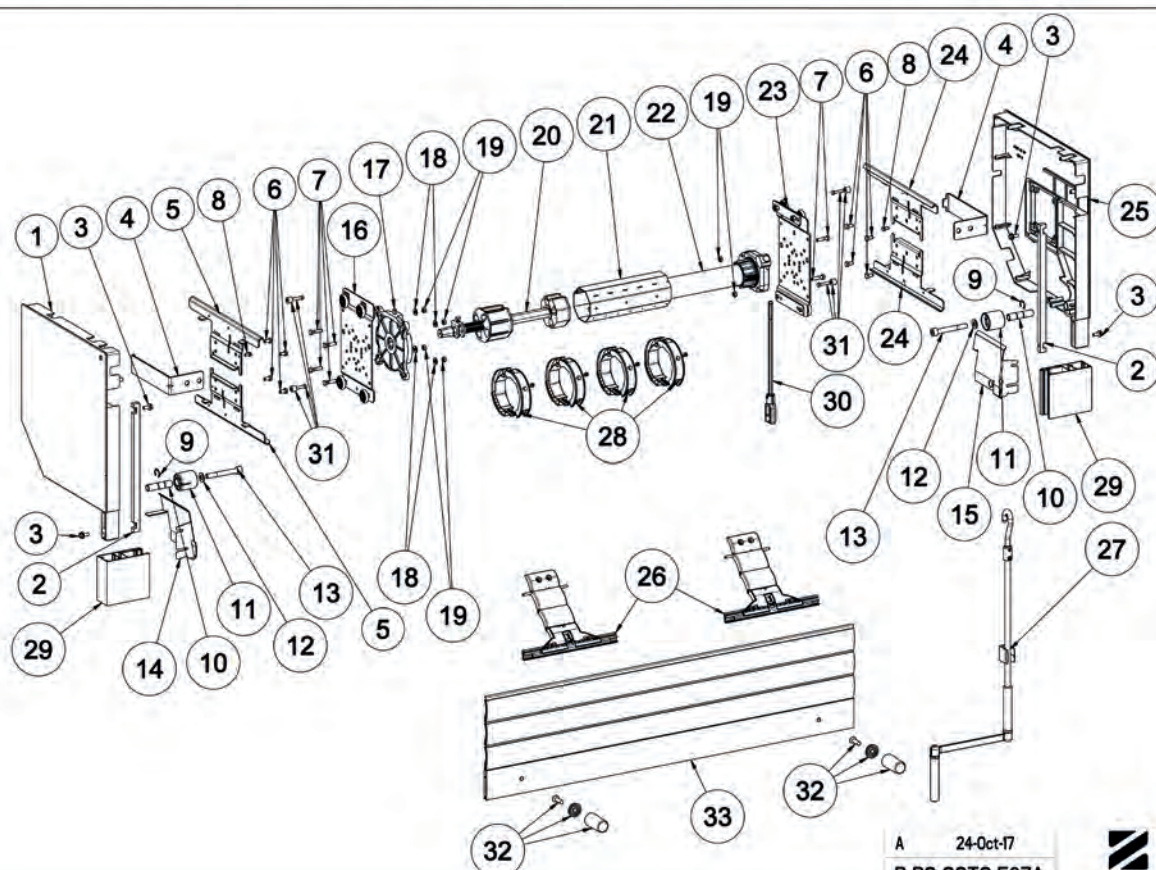




R-PG-507A - ASSEMBLY - ROLLER DOOR MOTOR WITH MANUAL OVERRIDE - ROLLING CONSOLE DOUBLE GUIDE RAIL - SIZE360 FOR 70 MM OCTA TUBE

MARK	QTY	REFERENCE	DESCRIPTION
1+25	1	L446A	ALUMINIUM ENDPLATES (2-PART SET) 45° 360
OR	OR	OR	WHITE
1+25	1	L446C	ALUMINIUM ENDPLATES (2-PART SET) 45° 360
OR	OR	OR	BEIGE
1+25	1	L446D	ALUMINIUM ENDPLATES (2-PART SET) 45° 360
OR	OR	OR	BROWN
1+25	1	L446E	ALUMINIUM ENDPLATES (2-PART SET) 45° 360
2	2	L446E1	REINFORCEMENT
3	4	4126	SCREW M6 X 16
4	2	C520EA	PLATE FOR ALUMINIUM ENDCAP BIG SIZE
5	2	L430GC	SLIDING BRACKET LEFT
6	8	4127	SCREW H M6-12 8-8 ZN8/A/FE EN 24017
7	6	4129	SCREW H M 6-25 ZN8/A/FE CLASSE 8.8
8	2	4122	SCREW H M 5-10 6-8 ZN8/A/FE
9	2	4842	RING E 863 D14
10	2	L427Z2	BEARING L59
11	2	L427C1	ROLLER D30
12	2	4837	WASHER 20 X 10 X 2 ZN8/A/FE
13	2	4316	SCREW CHC M10X75 6-8 ZN8/A/FE
14	1	L427B6	SLIDING PAD 49,5 FOR ROLLING CONSOLE
15	1	L427B5	SLIDING PAD 49,5 FOR ROLLING CONSOLE
16	1	L430GB	COMPLETE CARRIAGE LEFT
17	1	□	SAFETY BRAKE
18	4	N151	STEEL WASHER
19	6	4507	NUT
20	1	A485	ADJUSTABLE DUMMY END OCTAGONAL 70 18MM SQUARE FOR SAFETY BRAKE
21	1	----	70 MM OCTAGONAL TUBE
22	1	.	MOTOR CSI
23	1	L430DB	COMPLETE CARRIAGE RIGHT
24	2	L430DC	SLIDING BRACKET RIGHT
26	2 MINI	H895C	GARAGE DOOR AUTOAUTOLOCK 3 ELEMENTS
27	1	E618CV	PROFIL CRANK F301A L1000.WHITE+HOOK.
28	4 MINI	H895AC	RING FOR GARAGE DOOR AUTOAUTOLOCK OCTAGONAL 70 + SCREW
29	2	-	GUIDE RAILS
30	1	F606EH	EMERGENCY CARDAN JOINT WITH RING NI-BRI HEXA. 7 MM - 220 MM
31	1	L430JM	ANTI NOISE PAD SET
32	2	H142	ROUND STOPPER WITH RING AND SCREW
33	-	-	SHUTTER

REMARK :
 POSSIBILITIES TO GET A BAG WITH MARK 2+3 : REF. L446 : PAIR OF REINFORCEMENT + SCREW.
 MARKS 5 - 16 - 23 - 24 ARE ALWAYS DELIVERED TOGETHER IN ONE SET REF. L430JA.
 MARKS 9 - 10 - 11 - 12 - 13 ARE ALWAYS DELIVERED TOGETHER IN ONE BAG REF. L430H.



A 24-Oct-17
 R-PG-OCTO-507A



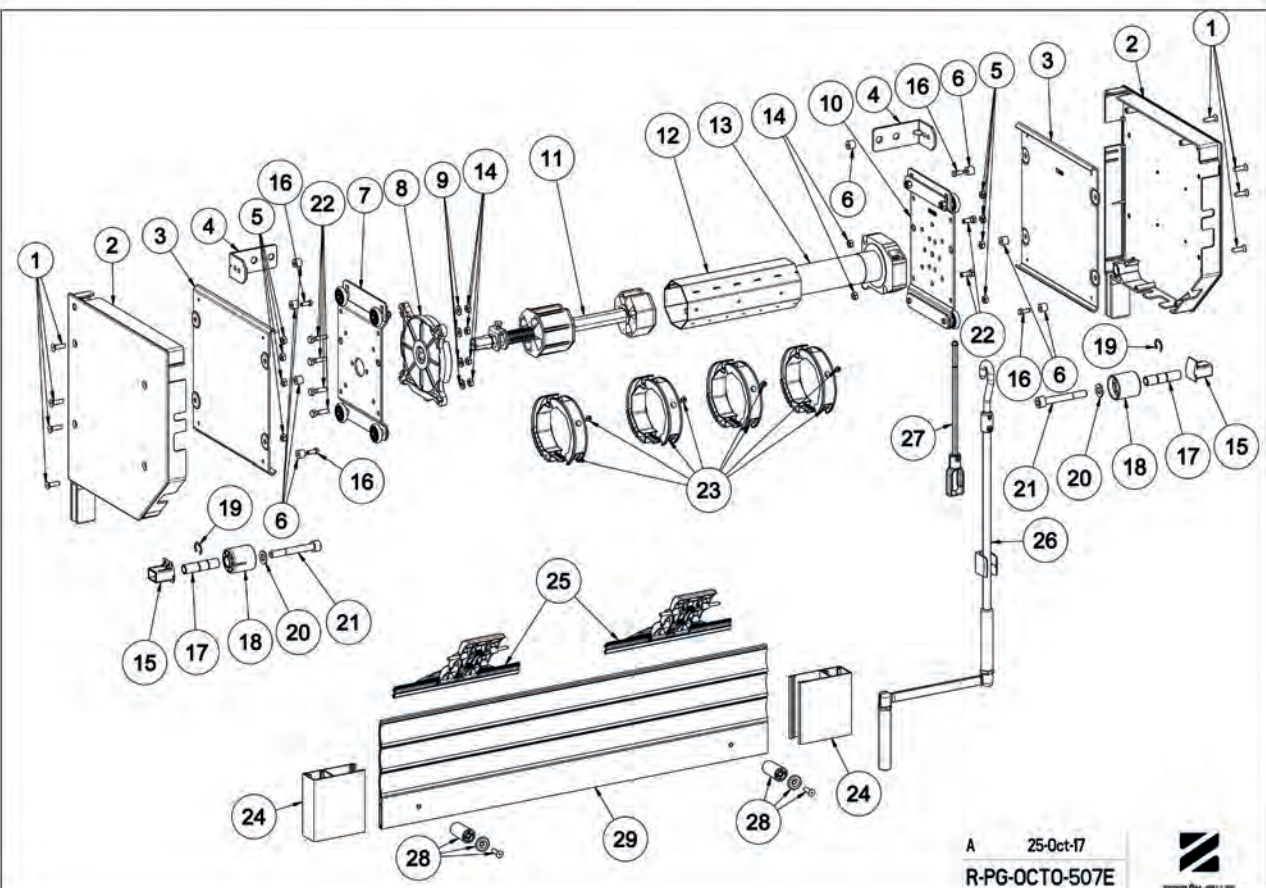


ASSEMBLY

**R-PG-507E - ASSEMBLY FOR ROLLER DOOR MOTOR CSI - ROLLING CONSOLE
STANDARD GUIDE RAIL - SAFETY BRAKE FOR 70 MM OCTAGONAL TUBE**

MARK	QTY	REFERENCE	DESCRIPTION	REFERENCE SIZE 300 QUARTER ROUND
1	8	4113	SCREW Z M 6-20	4113
2	1	L444A	ALUMINIUM ENDPLATES (2-PART SET) 45° 300	L448A
OR	OR	OR	WHITE	OR
2	1	L444BA	ALUMINIUM ENDPLATES (2-PART SET) 45° 300	L448BA
OR	OR	OR		OR
2	1	L444C	ALUMINIUM ENDPLATES (2-PART SET) 45° 300	L448C
OR	OR	OR	BEIGE	OR
2	1	L444D	ALUMINIUM ENDPLATES (2-PART SET) 45° 300	L448D
OR	OR	OR		OR
2	1	L444E	ALUMINIUM ENDPLATES (2-PART SET) 45° 300	L448E
3	2	L444B30	SLIDING BRACKET	L444B30
4	2	L444B50	PLATE FOR END PLATE	L444B50
5	8	4507	NUT	4507
6	6	L430A5	RUBBER PAD	L430A5
7	1	L444B72	CARRIAGE	L444B72
8	-	□	SAFETY BRAKE	□
9	4	N151	STEEL WASHER	N151
10	1	L444B82	CARRIAGE	L444B82
11	1	A485	ADJUSTABLE DUMMY END OCTAGONAL 70 18MM SQUARE FOR SAFETY BRAKE	A485
12	-	----	70 MM OCTAGONAL TUBE	----
13	1	.	MOTOR CSI	.
14	6	4507	NUT M6	4507
15	2	L427C3	SLIDING BAUTOLOCK	L427C3
16	4	4121	SCREW TH M5X14	4121
17	2	L427Z2	BEARING L59	L427Z2
18	2	L427C2	ROLLER D38	L427C2
OR	OR	OR		OR
18	2	L427C1	ROLLER D30	L427C1
19	2	4842	RING E 863 D14	4842
20	2	4837	WASHER 20 X 10 X 2	4837
21	2	4316	SCREW CHC M10X75	4316
22	6	4129	SCREW H M 6-25	4129
23	4MINI	H895AC	RING FOR GARAGE DOOR AUTOAUTOLOCK OCTAGONAL 70 + SCREW	H895AC
24	-	--	GUIDE RAILS	--
25	2MINI	H895B	GARAGE DOOR AUTOAUTOLOCK 2 ELEMENTS	H895B
26	1	E618CV	PROFIL CRANK F301A L1000 WHITE+HOOK	E618CV
27	1	F606EG	EMERGENCY CARDAN JOINT WITH RING NI-BRI HEXA. 7 MM - 190 MM	F606EG
28	2	H135	ROUND STOPPER WITH RING AND SCREW	H135
29	-	-	SHUTTER	-

REMARKS :
PIECES MARK 15 - 17 - 18 - 19 - 20 - 21 ARE ALWAYS DELIVERED TOGETHER IN ONE BAG :
REF. L430G : SET ACCESSORIES ROLLER 38 - REF. L430H : SET ACCESSORIES ROLLER 30.



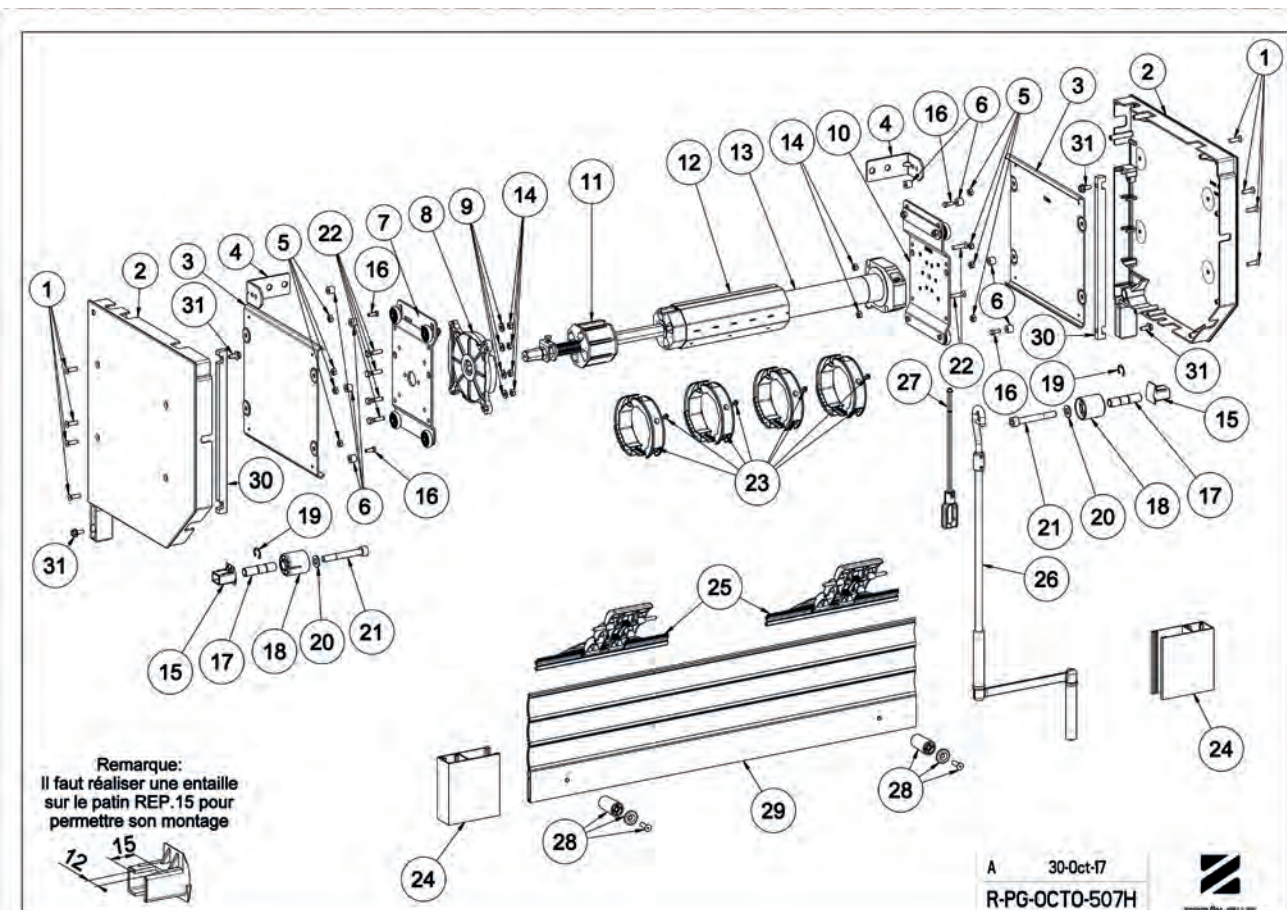


R-PG-507H - ASSEMBLY FOR ROLLER DOOR FOR SOMFY CSI MOTOR - ROLLING CONSOLE DOUBLE GUIDE RAIL + SAFETY BRAKE - FOR 70 MM OCTAGONAL TUBE

Mark	Qty	Reference	Description
1	8	4113	SCREW Z M 6-20
2	1	L445A	ALUMINIUM ENDPLATES (2-PART SET) 45° 360
or	or	or	WHITE
2	1	L445BA	ALUMINIUM ENDPLATES (2-PART SET) 45° 360
or	or	or	
2	1	L445C	ALUMINIUM ENDPLATES (2-PART SET) 45° 360
or	or	or	BEIGE
2	1	L445D	ALUMINIUM ENDPLATES (2-PART SET) 45° 360
or	or	or	
2	1	L445E	ALUMINIUM ENDPLATES (2-PART SET) 45° 360
3	2	L445B30	SLIDING BRACKET
4	2	L444B50	PLATE FOR END PLATE
5	8	4507	NUT
6	8	L430A5	RUBBER PAD
7	1	L444B72	CARRIAGE
8	-	□	SAFETY BRAKE
9	4	N151	STEEL WASHER
10	1	L444B82	CARRIAGE
11	1	A485	ADJUSTABLE DUMMY END OCTAGONAL 70 18mm SQUARE FOR SAFETY BRAKE
12	-	----	70 MM OCTAGONAL TUBE
13	1	.	MOTOR CSI
14	6	4507	NUT
15	2	L427C3	SLIDING BAunlock
16	4	4121	SCREW TH M5x14 Zn8/A/Fe ISO 4017
17	2	L427Z2	BEARING L59
18	2	L427C2	ROLLER D38
or	or	or	
18	2	L427C1	ROLLER D30
19	2	4842	RING E 863 D14
20	2	4837	WASHER 20 x 10 x 2 Zn8/A/Fe
21	2	4316	SCREW CHC M10x75 6-8 Zn8/A/Fe
22	6	4129	SCREW H M 6-25 Zn8/A/Fe CLASSE 8.8
23	4Mini	H895AC	RING FOR GARAGE DOOR Autoautolock OCTAGONAL 70 + SCREW
24	-	--	GUIDE RAILS
25	2Mini	H895C	GARAGE DOOR Autoautolock 3 ELEMENTS
26	1	E618CV	PROFIL CRANK F301A L1000.WHYTE+HOOK.
27	1	F606EH	EMERGENCY CARDAN JOINT WITH RING NI-BRI HEXA. 7 MM - 220 MM
28	2	H135	ROUND STOPPER WITH RING AND SCREW
29	-	-	SHUTTER
30	2	L446E1	REINFORCEMENT FOR END PLATE 360 Zn
31	4	4126	SCREW M6 x 16

Remarks :

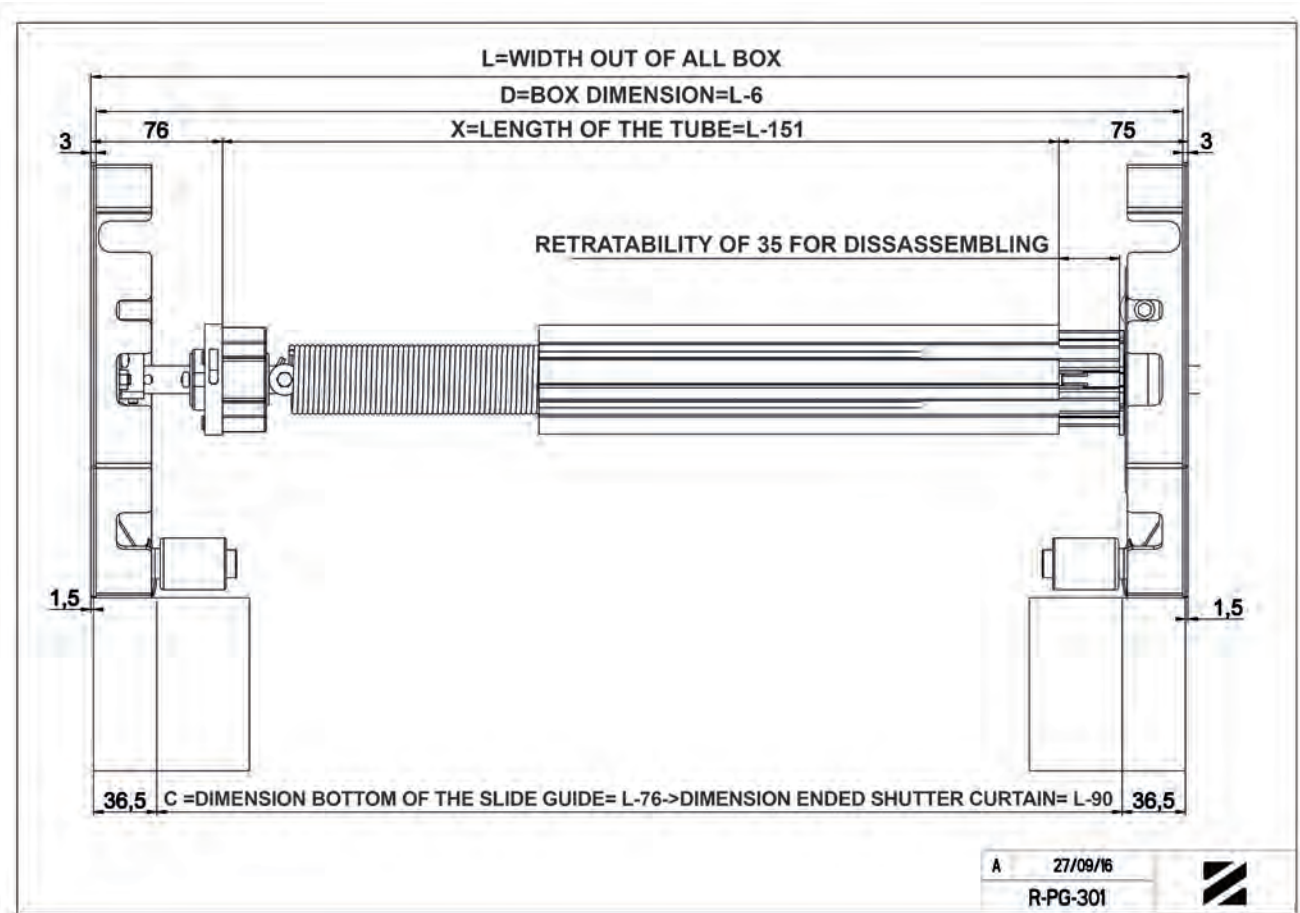
Pieces mark 15-17-18-19-20-21 are ALWAYS delivered together in one bag :
 Ref. L430G : set accessories roller 38 - Ref. L430H : set accessories roller 30.
 Pieces mark 1-3-4-5-6-7-10-16 are ALWAYS delivered together in one set ref. L445JB
 Possibility to deliver mark 30+31 in one bag Ref. L446



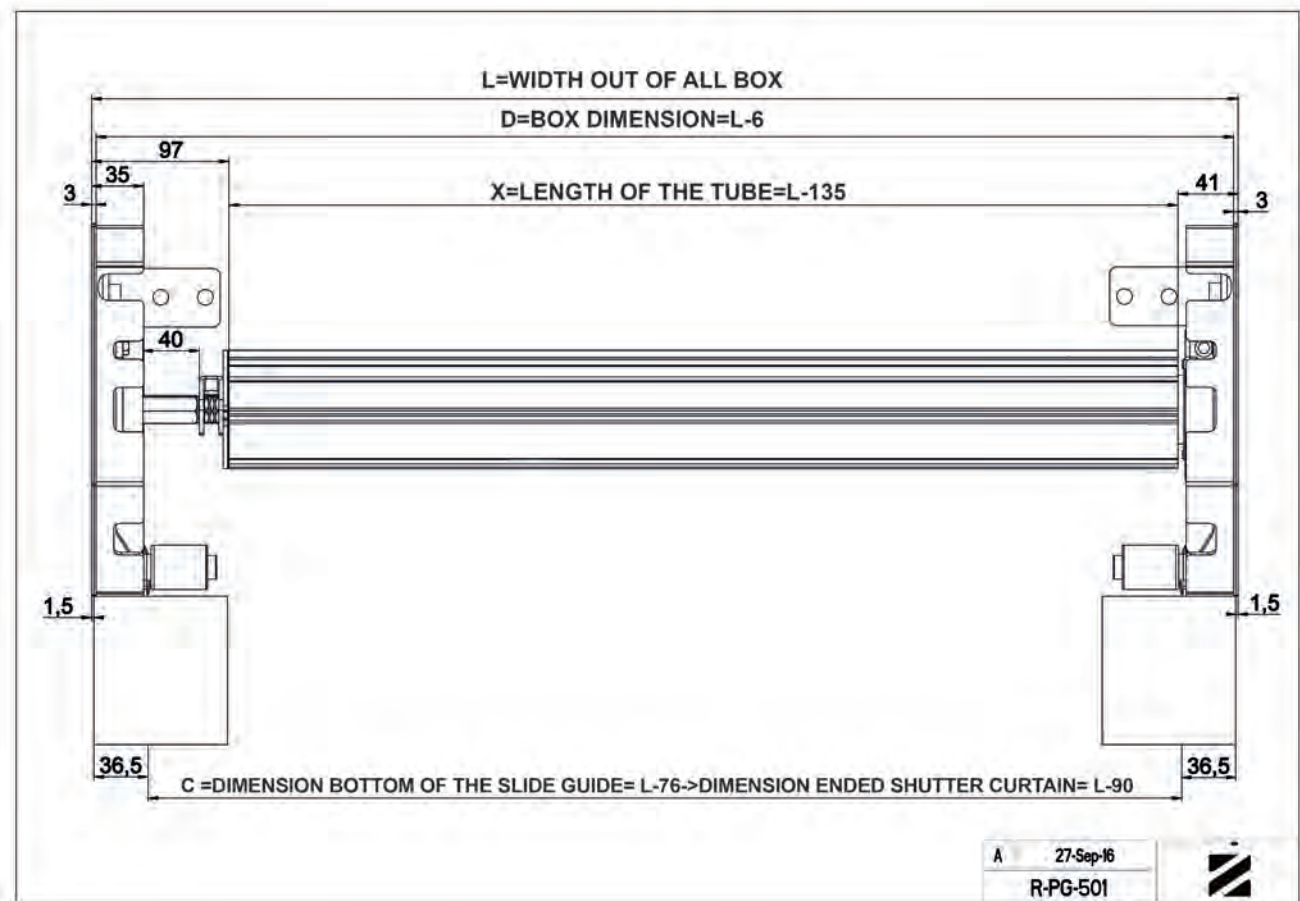


CUTTING CHART

R-PG-301 - CUTTING CHART

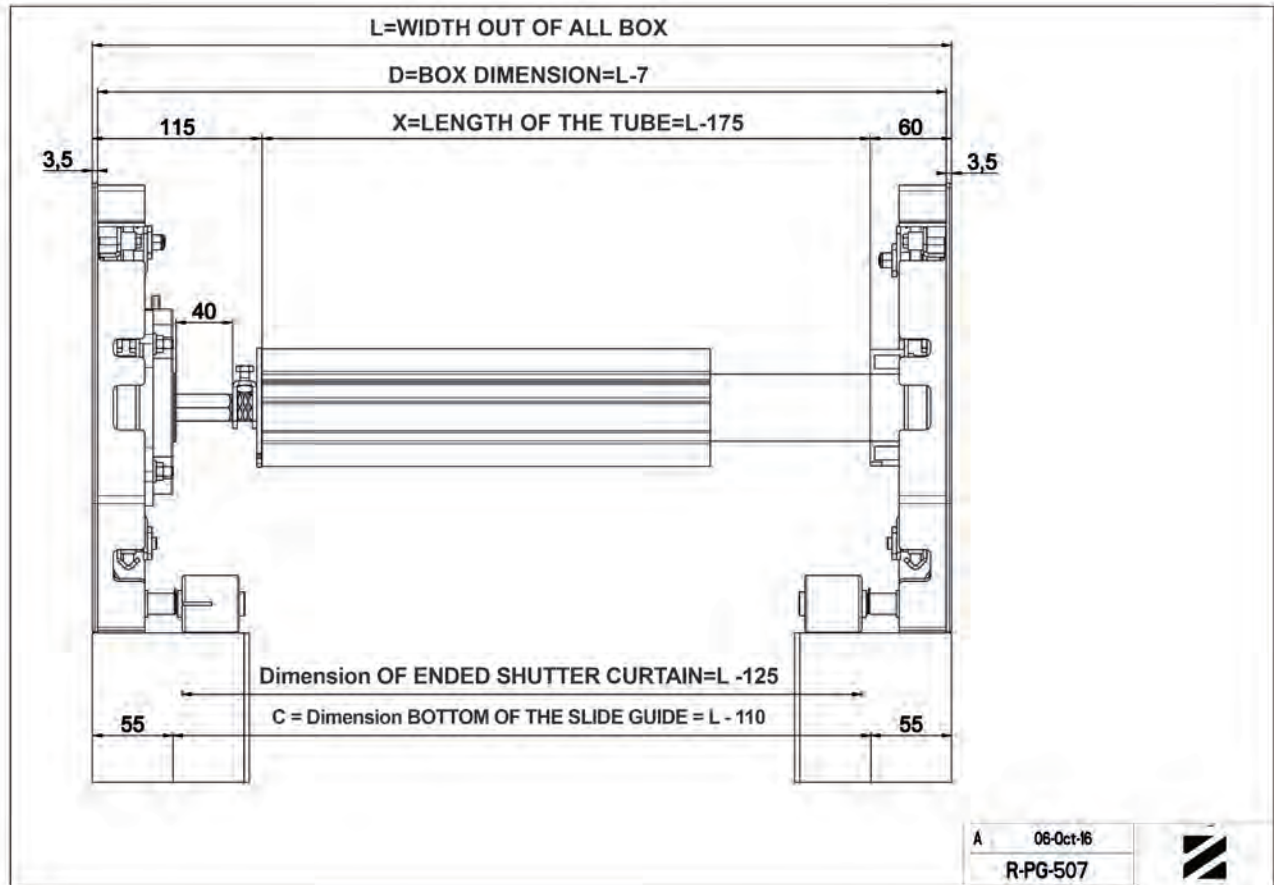


R-PG-501 - CUTTING CHART





R-PG-507 - CUTTING CHART





MANUAL EMERGENCY KIT

D690FE



NEW

Features

Crank + cardan White 9010
- Plate : natural anodized aluminium

Use

This set permits the installation of override device with access :
- either from outside : with crank handle
- or from the inside : with crank handle complete

For the set without the rod, D690FF contact us.

REF.	PACK
D690FE	10

CRANCK HANDLE FOR MANUAL OVERRIDE

D690FB



Features

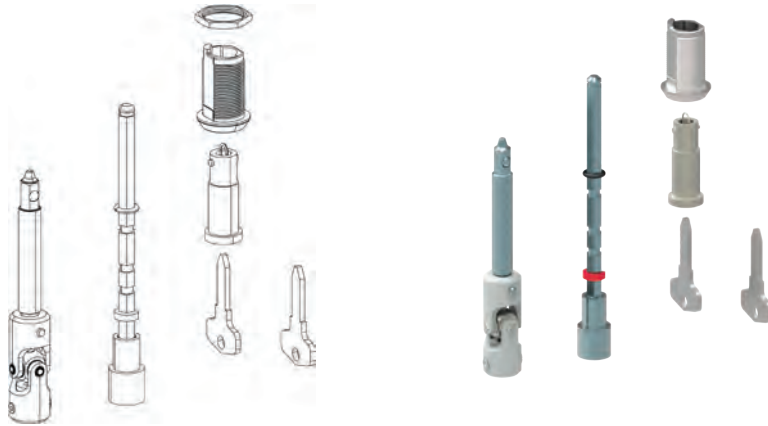
Rod for D690FE system with a length of 2 m or 2.5 m allowing this system to be installed on doors of greater height.

REF.	A	PACK
D690FB	2m	10
D690FC	2,5m	10



SET FOR SECURED LOCKING SYSTEM

F699G



NEW

Features

Set :
 - Joint F768G
 - Lock D690G
 - Shaft hexa 7mm and funnel.
 Delivered in individual bag

Use

For boxes : 205 - 230 - 50 - 300
 - Hexagonal 7mm with funnel for easy operating and mounting on the motor head.

Remark

Do not fit with D108, D109, E590 and F699E.

REF.	PACK
F699G	20

SET FOR SECURED LOCKING SYSTEM

F699H



NEW

Features

Set :
 - Ball lock joint F768LA. This part enables to clip joint to funnel.
 Shaft hexa 7mm and funnel.
 Delivered in individual bag

Use

Made to secure box exits and ease operating by cranc handle.

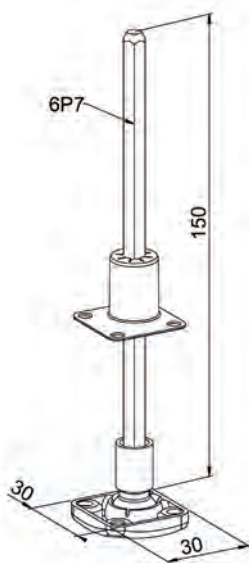
Remark

Do not fit with D108, D109, E590 and F699E.

REF.	PACK
F699H	20

INTERNAL BOX JOINT

D109H



NEW

Features

Frame : PBT
 Shaft + mechanism : zinc steel
 Male hex. 8mm hole
 Supplied with sealing.
 Delivered in individual bags

Use

To be used with gearbox or manual override motor. To be used only with joints F768KA and F768LA

Remark

Do not fit with D108, D109, E590 and F699E

For other colors, contact us.

REF.	COLOR	PACK
D109H	White	50





INTERNAL BOX JOINT

D108H



NEW

Features

Frame : PA
 Shaft + mechanism : zinc steel
 Hex. 8mm hole to fit with joints F768KA and F768LA only.

Use

To be used with manual override motors or gearboxes.

Remark

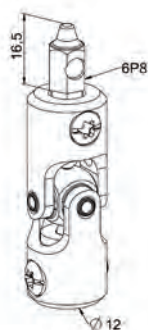
Do not fit with D108, D109, E590 and F699E

For other colors, contact us.

REF.	COLOR	PACK
D108H	White	50

18MM JOINT FOR EMERGENCY OPERATION

F768KA



NEW

Features

-Body, shaft : zinc steel
 -Ball joint: aluminium
 Available in white and brown

Use

With funnels dedicated to F699H set.
 To be fitted with cranked handles
 Ball lock for both funnel fitting and clip on.
 To be fitted with Ø12 cranked handles

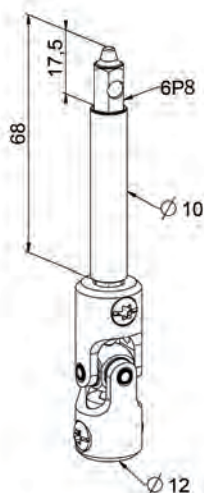
Remark

Do not fit with D108, D109, E590 and F699E

REF.	COLOR	PACK
F768KA	White	100

18MM JOINT FOR EMERGENCY OPERATION

F768LA



NEW

Features

- Length 52mm.
 -Body, shaft : zinc steel
 -Ball joint: aluminium
 Available in white and brown

Use

With funnels dedicated to F699H set.
 To be fitted with cranked handles
 Ball lock for both funnel fitting and clip on.
 To be fitted with Ø12 cranked handles

Remark

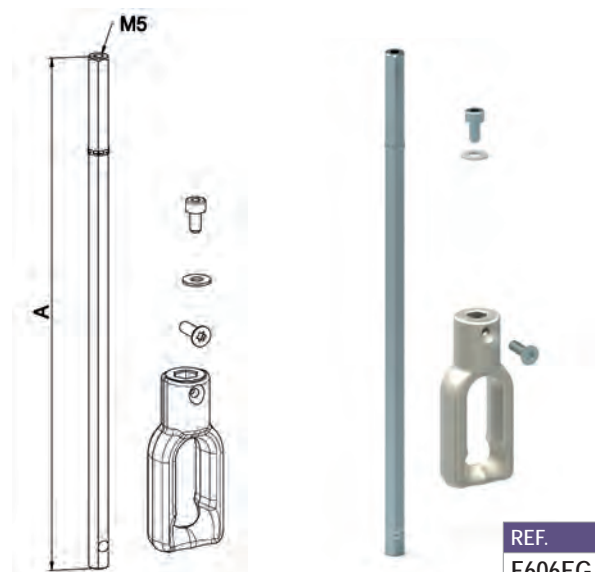
Do not fit with D108, D109, E590 and F699E

REF.	COLOR	PACK
F768LA	White	100



PLATED BUCKLE FOR EMERGENCY OPERATION

F606EG



Features

Buckle zamack.
Metallic rod with nickel
Rod : galvanized steel passivated.
Fasteners : galvanized steel passivated.
Set delivered unassembled in individual bag

Use

For an emergency device vertical exit.
The rod 7 mm hexa. is set on the motorhead,
then the buckle is positioned after box closing.

REF.	VERSION	FINITION BOUCLE	DIM.A	PACK
F606EG	For box size 250 and 300	Nickel	190	50
F606EH	For box size 360	Nickel	220	50
F606HG	For box size 250 and 300	Zinc	190	50
F606HH	For box size 360	Zinc	220	50

CRANK HANDLE WITH HOOK SLEEVE

E618CV



Features

Set including crank white profil + lacquered rod
+ galvanized hook.
Delivered in individual bag

Use

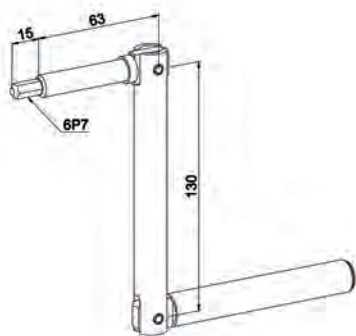
Allows handling of all types of handling :
winch or motor with emergency operation. 7,000-
cycle guarantee with handling force of up to
30 N and inclination angle of up to 25°.

REF.	L	COLOR	PACK
E618CV	1000	White RAL 9010	25
E631CV	1200	White RAL 9010	25



CRANK HANDLE FOR EMERGENCY OPERATION

F351B



Features

Arm : white lacquered aluminium.
Upper and lower handle : passivated galvanized steel.
Handle : PA white.
Axle joints : stainless steel.
Only the bottom handle is hinged

Use

Removable : to be placed in the entry of the canon after withdrawing the cylinder.
Only the bottom handle is articulated.

REF.	PACK
F351B	10

STD LOCKING SYSTEM

D690G



Features

Stator : nickel-plated steel.
key and barrel : galvanized steel.
Nut : brass.

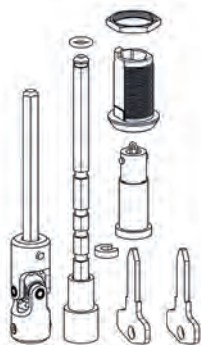
Use

Mounted on the trunk in front of the motor head : allows secure access.
For mounting : make a hole \varnothing 12 minimum on the inspection door

REF.	PACK
D690G	20

FULL LOCKING SYSTEM

F699E



Features

Set composed :
- An indexed knee brace : F768G
- Autolock kit Ref D690G
- 6 mm. hex. Rod with crimped funnel sleeve

Use

Compatible with box : 205 - 230 - 250 - 300.
The 6 mm. hex. Rod with funnel sleeve is mounting on the motor head : the funnel shape facilitates the engagement of 7 mm. Hex. Rod mounted on the knee.
Do not work with billed version.

REF.	PACK
F699E	20

ASSEMBLED CRANK HANDLE FOR EMERGENCY OPERATION

E590



Features

Assembled with :
- Knee handling relief ref. F768A
- Lacquered = 1200 handle
- Packaged in individual bag.

Use

Used primarily with invisible emergency handling exits.
Do not work with billed version.

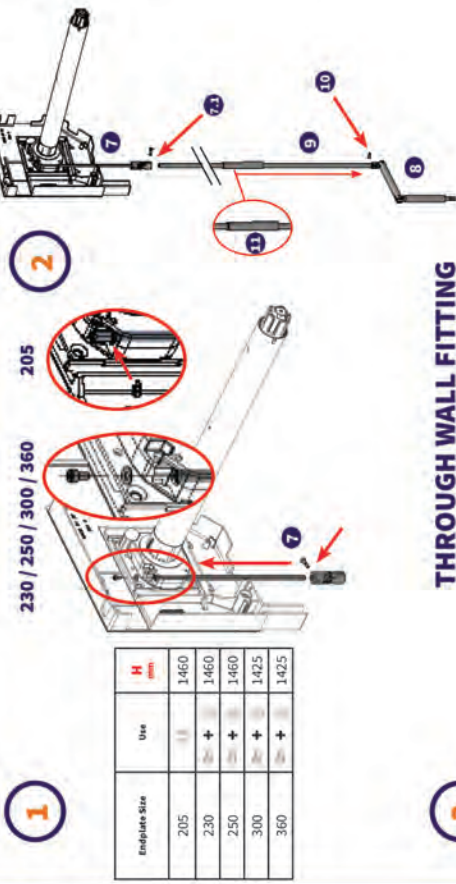
REF.	TYPE	COLOR
E590	White RAL 9010	25
E590A	Brown RAL 8017	25



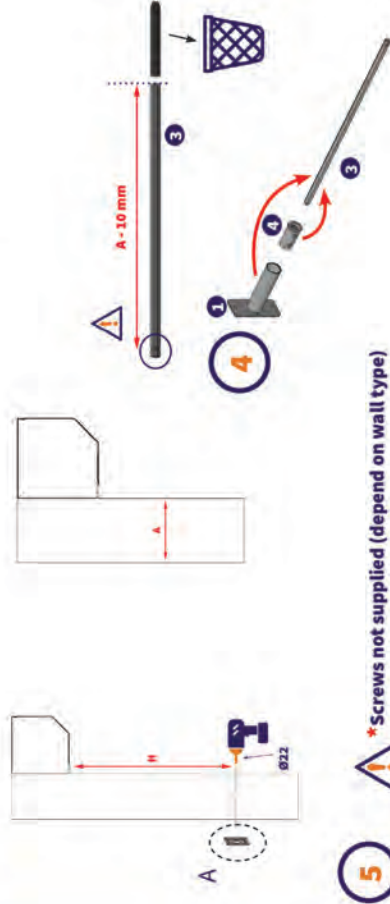
ROLL-UP DOORS EMERGENCY OPERATION INSTRUCTIONS



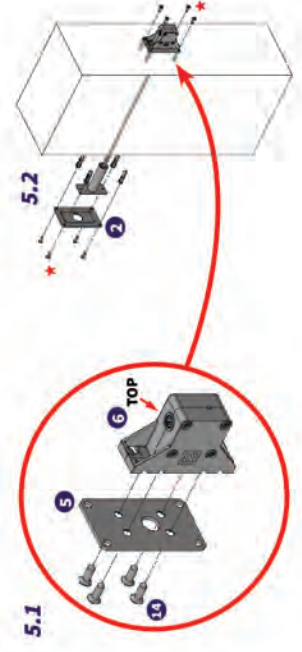
COMMON



THROUGH WALL FITTING



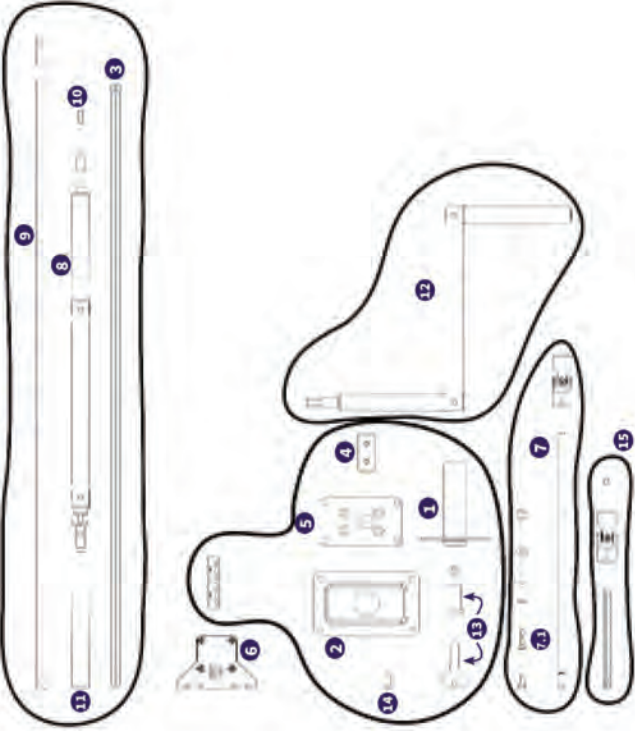
*Screws not supplied (depend on wall type)



ZURFLÜH-FELLER

N°6665B

D690FE





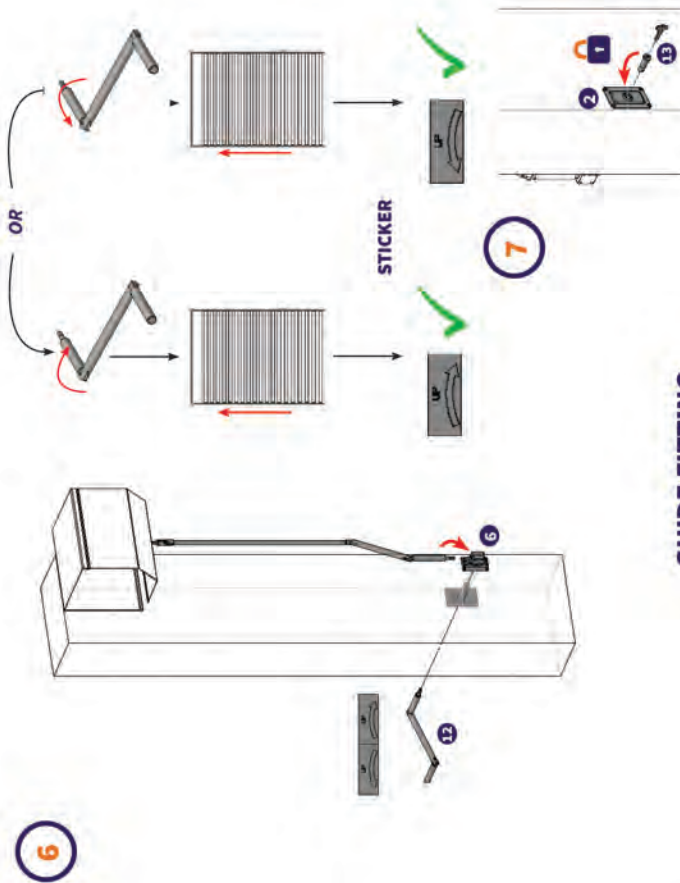
ROLL-UP DOORS' CRANK SPECIFICATIONS



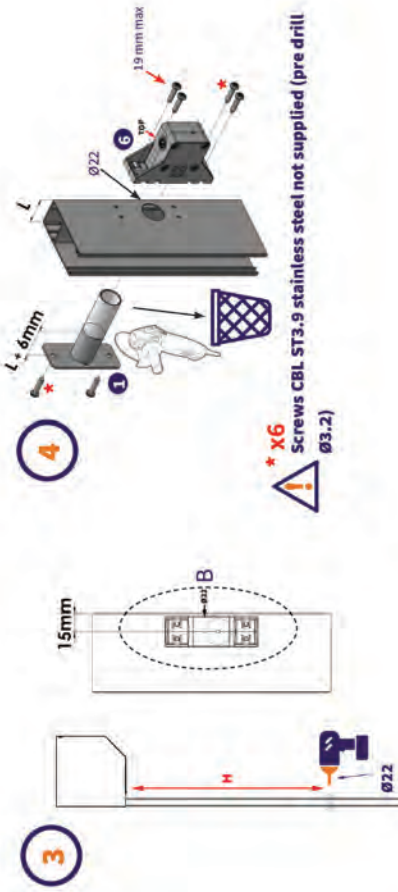
When guide fitting, parts 2 - 3 - 4 - 5 won't be used.



For extension of the handle, use part n°4 and hex 7mm rod. It will enable to keep away from the wall.



GUIDE FITTING



After step 4, go to step 6 and 7 below



F699E IMPLEMENTATION ON SIZE 205

1: Machining endplate

2: Machining revision panel

3: Mounting of the all stator on the revision panel

4. After complete assembling of the Rolling shutter

A	22-Dec-15	
	F699E.T205	

F699E IMPLEMENTATION ON SIZE 230

1: Machining endplate

2: Machining revision panel

3: Mounting of the all stator on the revision panel

4. After complete assembling of the Rolling shutter

A	04-Jan-16	
	F699E.T230	



F699E IMPLEMENTATION ON SIZE 250



1: Machining endplate

Make the notching

Make the notching

2: Machining revision panel

Make the drilling

Dimensions with drilling position

3: Mounting of the all stator on the revision panel

Autolocked nut in this position : one side at slice of the revision panel

panel

4. After complete assembling of the Rolling shutter

screw on rivet

A	05-Jan-16	
F699E.T250		

F699E IMPLEMENTATION ON SIZE 300



1: Machining endplate

Make the notching

Make the notching

2: Machining revision panel

Make the drilling

Dimensions with drilling position

3: Mounting of the all stator on the revision panel

Autolocked nut in this position : one side at slice of the revision panel

panel

4. After complete assembling of the Rolling shutter

screw on rivet

A	05-Jan-16	
F699E.T300		

NOTES

A series of horizontal dotted lines for writing notes, spanning the width of the page.



INFORMATIONS ABOUT PRODUCTS

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CORRESPONDING OF THE STANDARD COLORS ALL ZF RANGE INCLUDED (EXCEPTED ALURENO RANGE)

White	RAL 9010
Brown	RAL 8017
Cream	RAL 9001
Sand	No RAL reference
Grey	RAL 7035
Beige	RAL 1015
Black	RAL 9005

TABLE OF CORRESPONDING OF THE SHADES BETWEEN THE ZF POWDERS AND THE COLOURINGS RAL

Bright = brightness 80% to 90%

Satiny = brightness 60% to 70%

Matt = brightness 20% to 30%

COULEUR	CODE ZF	RAL OU SPECIFIQUE	BRILLANCE	CODE TERMINAISON POUR LES JOUES ALU
BLANC JAUNE	BJ-01	SPÉCIFIQUE ZF APPROCHANT RAL 9010	40%	E
BLANC JAUNE	BJ-31	RAL 9016	85%	A
MARRON	MA-27	RAL 8019	70%	D
GRIS	GR-01	RAL 7035	30%	B
BEIGE ROSÉ	BR-23	RAL 1015	70%	C
CHÊNE DORÉ	CD-02	RAL 8003	70%	M
GRIS	GR-32	RAL 7016	70%	BA
BLANC JAUNE	BJ-31	RAL 9016	30%	AA
GRIS MÉTAL	GM-01	FAMILLE RAL 9006	20%	F
MARRON	MA-28	RAL 8014	70%	G
BEIGE ROSÉ	BR-28	SPÉCIFIQUE ZF APPROCHANT RAL 1001	60%	H
NOIR	NR-01	RAL 9005	30%	N
BEIGE VERT	BV-01	SPÉCIFIQUE ZF APPROCHANT RAL 1015	90%	NON JOUE ALU
MARRON	MA-26	RAL 8017	30%	NON JOUE ALU
BEIGE ROSÉ	BR-01	SPÉCIFIQUE ZF APPROCHANT RAL 1014	70%	NON JOUE ALU
MARRON	MA-22	SPÉCIFIQUE ZF APPROCHANT RAL 8022	70%	K
VERT	VE-02	RAL 6005	85%	XA
GRIS	GR-34	RAL 7038	30%	BB
BLANC	BJ-32	RAL 9010	80%	EB
CARAMEL	CA-22	RAL 1011	30%	P
MARRON	MA-20	SPÉCIFIQUE ZF APPROCHANT RAL 8019	60%	DA
VERT	VE-01	RAL 6021	85%	X
BEIGE ROSÉ	BR-30	SPÉCIFIQUE ZF APPROCHANT RAL 1015	35%	L
CARAMEL	CA-01	RAL 8001	70%	NON JOU ALU
ROUGE	RG-01	RAL 3004	85%	W
BLEU	BL-01	RAL 5024	85%	Z
BLEU	BL-02	RAL 5011	85%	ZA
MARRON	MA-23	RAL 8016	30%	GA
VERT	VE-03	RAL 6009	85%	XB
BLEU	BL-03	RAL 5009	85%	ZC
BLEU	BL-05	RAL 5014	85%	ZD
GRIS	GR-36	RAL 7004	30%	BE
GRIS	GR-37	RAL 7044	30%	BD
BLANC JAUNE	BJ-26	RAL 9001	90%	CA
BEIGE	BV-20	RAL 1013	30%	NON JOUE ALU



ABBREVIATIONS



Prefab. S.A.	Prefabricated spring assembly
Approx.	Approximately
Ins.Ø	Inside diameter
6P.C.	Hexagon socket
H.R.	High resistance

MATERIAL

Alu	Aluminium
A.B.S.	Acrylonitrile Butadiene Styrene
ASA	Acrylonitrile Styrene Ester Acrylic
P.A.	Polyamide
P.A.F.V.	Polyamide reinforced with fibreglass
P.B.T.	Polybutylene terephthalate
P.O.M.	Polyoxymethylene or acetal resin
P.P.	Polypropylene
P.S.	Polystyrene
P.V.C.	Polychlorure de vinyle
P.S.Choc	Polystyrène choc
PE	Polyéthylène

SCREW

H.R.	High resistance
-------------	-----------------

SCREW

CBL	Screw with cylindrical broad head
TFB	Raised countersunk head
TH	Hexagon head
TC	Cheese head
TF	Countersunk head
V.B.A.	Screw with pan head for flake board
CHC	Hexagon socket cylindrical head
Nut HU	Hexagon nut

UNITS OF MEASUREMENT all the dimensions are given in millimeters, except indication

mm	Millimeter
m or ml	Meter
µ	Thousands of millimeter
N	Newton meter
da N	Decanewton (approx. 1 kg)
m da N	Meter decanewton
Nm	Newton meter
cm⁴	Unit of inertia moment



FEATURES OF THE PLASTIC MATERIALS USED

It has been agreed that thermoplastic materials will be referred by a two or three-letters acronym.

The main technical plastics used are :

Acrylobutadiene Styrene : A.B.S.

Acrylobutadiene Styrene Ester Acrylic : ASA

Polystyrene : PS

Choc Polystyrene : CP

Polyethylene : PEbd

Polypropylene : P.P.

Polyamide : P.A.

Polyoxymethylene or acetal resine : P.O.M.

Each thermoplastic may exist in different grades appropriated to the use for which it will be employed.

We try to reduce the defects inherent in plastic materials by incorporating additives.

Plasticizers : to give suppleness and reduce brightness

Stabilizers (anti-oxygen-thermic-anti-UV, antistatic)

Colourings : to improve appearance

Extenders : to bring a particular aesthetic attribute :

- Heat resistance
- Resistance to shocks
- Sliding conductivity

Reinforcements : to increase mechanical strength (fibreglass...)

POLYSTYRENE PS

Keeps its mechanical attributes from -40 ° C to + 70 ° C. Combustible

Excellent dimensional stability

Good resistance to diluted acids – to hydrous saline solutions and to bases

Dissolves and swells in numerous organic environments (hydrocarbons).

Sensitive to ultraviolet rays

CHOC POLYSTYRENE CP

Identical features to PS

To improve its resistance to shocks, particularly : polymerisation is made with polybutadiene (a rubbery substance by nature able to absorb the energy caused by a shock).

ACRYLOBUTADIENE STYRENE ABS

Good dimensional stability

Good resistance to impacts

Hard surface and resistant to scratching

Resistant to hydrocarbons

Sensitive to ultraviolet rays

POLYOXYMETHYLENE P.O.M.

Excellent dimensional stability

Very good mechanical attributes

Not very sensitive to creep

Excellent attributes in bending (springs) and alternating stress

Excellent frictional attribute and resistance to wear

The combination between PA and POM is recommended to avoid grating in fixation.

Resistant to acids and bases

Sensitive to ultraviolet ray

POLYAMIDE PA

Dimensional variations due to taking up humidity. Seasonal variations in humidity (from 20 to 0% of relative humidity in the air) do not affect PA thanks to its low rate of absorption and desorption.

PAs are amongst the most resistant thermoplastics. Good attributes of endurance in fatigue and excellent attributes of rubbing.

Medium resistance to ultraviolet rays

Good resistance to chemical products

Insensitive to oil, grease, hydraulic liquids, hydrocarbons, paints...

Acids are the solvents of PAs

Self-extinguishing

POLYETHYLENE PEbd

Flexible at room temperature, may be used therefore for sheaths, wrappings

Good frictional attributes

Very good chemical stability

Excellent electrical insulating

POLYPROPYLENE P.P.

Identical to PEbd but better mechanical strength, more rigid, excellent bending fatigue attributes.

Sensitive to ultraviolet rays



SURFACE COATING OF THE STEEL PARTS

ZINC COATING : Electroplated coating of pure zinc

In order to respect the requirements, 2 types of passivation have been selected according to their use :

- 1) Iron Zinc + passivation without Chromium IV with or without varnish = finishing stage 1
- 2) Iron Zinc + black passivation + varnish = finishing stage 2

The average thickness of the zinc is 10 microns.

A finish is obtained through the conversion coating by chromating the zinc coated. This finishing coat is designed to protect the zinc coating from corrosion.

Resistance to salt pray : all salt pray tests are carried out according to French standard NF ISO 9227.

FINISHING	WITH RUST	RED RUST
1	120 h	400 h
2	96 h	360 h

SHINY CHROMIUM-PLATED NICKEL

The average thickness is 15 microns. 1 coat of copper + coat of nickel 7 µm.

This coating is used for apparent interior parts that require a particular aesthetic. Resistance to ultraviolet rays according to French standard NF ISO 9227 : 24 hours.

POWDERED PAINTS

The coating of 60 microns minimum thickness is intended for decoration and anti-corrosion purposes. It is made in various standards colourings.

List of the principal colourings RAL used :

- White RAL 9010
- Brown RAL 8017 et 8019
- Cream RAL 9001
- Sand RAL 7016
- Grey RAL 7035
- Beige RAL 1015
- Black RAL 9005

Preparation of the steel before powder coating : iron zinc + passivation CHROMIUM III or thick phosphatation Zn8.

Resistance to salt pray according to French standard NF ISO 9227 : > 240 h.

Resistance to ultraviolet rays according to French standard NF T 30036 : > 300 h.



SURFACE COATING OF THE ALUMINIUM PIECES



ANODIC OXIDATION

This surface coating is carried out by Class 10 anodisation (10 to 15 µm).

POWDERED PAINTS

The coating of 60 microns minimum thickness is intended for decoration and anti-corrosion purposes.

It is made in various colourings :

White	RAL 9010
Brown	RAL 8017 and 8019
Cream	RAL 9001
Sand	RAL 7016
Grey	RAL 7035
Beige	RAL 1015
Black	RAL 9005

Preparation of the aluminium before painting : conversion/passivation with Chromium III. Resistance to salt pray according to French standard NF ISO 9227 > 240 h.

Resistance to ultraviolet rays according to French standard NF T30036 > 300 h.

SURFACE COATING FOR PLASTIC PIECES



LIQUID PAINTS

Polyurethane basis

Coating used on plastic pieces for small or occasional needs in a particular colour.

List of the principal colourings RAL used :

White	RAL 9001, 9010 and 9016
Brown	RAL 8017
Grey	RAL 7035 and 7016
Beige	RAL 8015
Golden Oak	RAL 8003



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C166	98	C520PF	380	D192NG	102	D590FC	110
C167	98	C520PG	380	D204NG	102	D590FE	110
C170	98	C520PH	380	D207NG	102	D590JA	110
C181	99	C520PJ	380	D210NG	102	D590JB	110
C182	99	C520PN	380	D290A	114	D590JC	110
C183	99	C522A	318	D290E1	113	D590JD	110
C184	99	C523A	60	D422B	115	D590KA	110
C185	99	C523A	204	D422J6	115	D590KB	110
C186	99	C523A	217	D423A	114	D590KC	110
C189	99	C523A	236	D423B	116	D590KD	110
C191	100	C524B	60	D464NG	103	D590LA	110
C191A	100	C524B	203	D466NG	103	D590LB	110
C191B	100	C524B	217	D468NG	103	D590MA	110
C191C	100	C524B	235	D470NG	103	D590MB	110
C191D	100	C525C	337	D471NG	103	D590MC	110
C191E	100	C525D	337	D472NG	103	D590MD	110
C370	101	C525E	337	D474NG	103	D590ME	110
C370A	101	C531	180	D475NG	103	D590MF	110
C370B	101	C547	338	D476NG	103	D590MG	110
C370C	101	C601	52	D478NG	103	D590NA	110
C370D	101	C602	52	D479NG	103	D590NB	110
C371	101	C603	52	D480NG	103	D590NC	110
C371A	101	C604	52	D482NG	103	D590ND	110
C371B	101	C713	113	D508BNG	103	D590NE	110
C371C	101	C722	113	D508NG	103	D590NG	110
C372	101	C800	98	D512ANG	103	D590PB	110
C373	101	C800A	115	D512DNG	103	D590QA	110
C375	101	C800B	115	D512NG	103	D590RA	110
C375C	101	C801	98	D514NG	103	D590RB	110
C375D	101	C802	98	D515NG	103	D590RC	110
C503A	59	C810	98	D516NG	103	D590ZB	110
C505	59	C811	98	D547AA	107	D591KA	111
C505	203	C812	98	D547AB	107	D591KB	111
C505	217	C820	98	D547AC	107	D591KC	111
C505	235	C821	98	D547AD	107	D591LA	111
C506	216	C822	98	D547AE	107	D591LB	111
C506	235	D108	123	D547AJ	107	D591MA	111
C509	60	D108A	123	D547BA	107	D591MB	111
C517	60	D108E	123	D547BB	107	D591MC	111
C518B	338	D108F	123	D547BG	107	D591MD	111
C518C	338	D108H	393	D547BJ	107	D591NA	111
C518D	338	D109A	122	D547CA	107	D591NB	111
C518H	338	D109B	122	D547CC	107	D591ND	111
C518W	338	D109D	122	D547DA	107	D591QA	111
C518X	338	D109E	122	D547DB	107	D591RA	111
C519	61	D109H	392	D547DD	107	D592AA	121
C519B	61	D116	113	D553	112	D592AB	121
C520A	379	D117	113	D553C	112	D592DA	121
C520E	377	D118	113	D559	103	D592DB	121
C520EA	377	D119	113	D559A	103	D592EA	121
C520EC	366	D120	113	D560	102	D592EB	121
C520EL	377	D122	113	D581CA	108	D592EBL	122
C520F	379	D123	113	D581CB	108	D592EG	121
C520G	380	D148NG	102	D581EB	109	D593AB	112
C520GF	380	D168NG	102	D581EC	109	D596JB	111
C520GG	379	D169NG	102	D581EE	109	D596JC	111
C520K	361	D171NG	102	D581EG	109	D596LB	111
C520K	367	D172NG	102	D581EH	109	D596LC	111
C520PA	380	D173NG	102	D583CA	108	D596LD	111
C520PB	380	D174NG	102	D586BB	110	D596MB	111
C520PB	380	D175NG	102	D587AB	111	D596MC	111
C520PC	380	D176NG	102	D587AD	111	D596MD	111



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D596MG.....	111	D828NG	104	E590A.....	395	F140J	120
D596NB	111	D830CNG.....	106	E590B.....	123	F141A.....	120
D596NC	111	D830ED	104	E599A.....	122	F141AA.....	120
D596ND	111	D830NG.....	106	E611A.....	118	F141AB.....	120
D601ANG	107	D832NG.....	106	E611ANO	118	F141AC.....	120
D601BNG	107	D840NG.....	104	E613B.....	118	F141AD.....	120
D601CNG.....	107	D841NG.....	106	E614A.....	118	F141AH.....	120
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D760CNG.....	104	D901BNG.....	112	E661A.....	118	F606K.....	125
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D773NG.....	105	E113.....	117	E803GA	119	F768C.....	123
D773PCDNG.....	105	E114.....	117	E803JA	119	F768F.....	126
D774NG.....	105	E116.....	117	E803LA	119	F768G.....	123
D775NG.....	105	E116C.....	117	E803MA	119	F768KA.....	393
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GENERAL TERMS AND CONDITIONS OF SALE

1. **GENERAL PROVISIONS:** Unless ZURFLÜH-FELLER (ZF) and the Customer have agreed any special written provisions, all offers made by ZF are subject hereto and imply the Customer's total, unreserved acceptance of these general terms and conditions of sale, which take precedence over all general terms and conditions of purchase. This also applies to the delivery of its products, parts or specific equipment. Should the Parties need to exchange any written documents, they may be sent electronically.

2. **GOVERNING LAW – JURISDICTION:** These General Terms and Conditions of Sale, of which only the original French version is authentic, are governed by French law. Any dispute that arises in the course of the business dealings between ZF and the Customer will fall within the exclusive jurisdiction of the commercial courts (tribunaux de commerce) of Belfort, France, even if third party proceedings have been commenced, or an urgent application has been made, or if there is more than one defendant. In the event of a dispute, the parties agree that evidence of the contract and of any element relating to the performance of the contract may be provided by any means, particularly by email or electronic data exchange.

3. **OFFER:** The information provided on the website and the web platform, in the catalogues and prospectuses and in all other non-contractual documents issued by ZF is provided solely for information purposes. The following documents are classified as contractual: documents that describe the technical features of the products, documents confirming orders, delivery slips, warranties, and invoices. ZF reserves the right, at any time, without notice and unilaterally, to revise its documents, its prices and to make any changes to the products mentioned in its documents and price lists. Orders are subject to the documents in force at the time they are accepted.

4. **ORDERS:** 4.1 **PLACING ORDERS:** All orders or changes to orders must be sent in writing, via EDI or ZF's web platform. The Customer will be bound by any order that it has sent, particularly when its personal user names have been used on the web platform. Any order with specific requirements or technical specifications will only be valid after all the documents have been approved by ZF. Any change to the specifications must be recorded in an amendment to the contract and the prices will be revised automatically. Any order or change to an order that is sent to ZF, will only be deemed to have been accepted after ZF has given its written confirmation (email or fax). 4.2 **CHANGES TO OR CANCELLATIONS OF ORDERS:** Any Customer that cancels or changes all or any part of its order is required to compensate ZF for all of the costs incurred on the date on which the notice of cancellation or change is received from the Customer, without prejudice to any action for damages that ZF may bring.

5. **DELIVERY:** Unless there is a provision to the contrary, the delivery times are not binding. The delivery times accepted by ZF do not become operative until the Customer has provided everything required of it, including payment of any monies due. ZF will inform the Customer of any events likely to give rise to a delay. Should a delivery be delayed, the Customer will not be entitled to refuse the products, or cancel, change or postpone the order, or other orders that have already been confirmed, nor will the delay give rise to any penalties for late delivery, nor to any damages whatsoever. Delivery means the direct handover of the products either to the Customer, or to the carrier named by the Customer, or, failing that, chosen by ZF.

6. **TRANSPORT – TRANSFER OF RISKS:** As from the delivery as defined in clause 5, the Customer shall assume the risks of the loss or deterioration of the products, and assume any liability for damage that they may cause. The Customer shall assume all the risks and bear the cost of transporting the products, whatever the mode and terms of transport (carriage paid or due). In consequence, the Customer undertakes to take out an insurance policy to cover the risks of the loss, theft, and destruction of the products.

7. **RECEIPT OF THE PRODUCTS:** It is the Customer's responsibility to check the state of the packages and the products on receipt, and to inform the carriers of any defects under the conditions laid down in article L.133-3 of the French Commercial Code (Code de commerce).

The Customer is bound to check the conformity of the products (colour, material, dimensions, quantity delivered, etc.), on receipt. In the event of a visible defect or if the products are not in conformity with the order or the dispatch note, this must be notified by the Customer, in writing, within eight days of receipt. ZF will then check the reality of the defect or non-conformity. The products concerned may then be replaced free of charge, to the exclusion of any other form of redress, particularly compensation. The Customer must provide evidence of the defect and allow ZF to confirm the existence of and remedy the problem without any restriction. Products may only be returned with the prior agreement of ZF. As from one year after the dispatch of the products, ZF will no longer take them back or exchange them. The Customer will be responsible if it decides to proceed with the use and/or installation of any products with visible defects or that are not in conformity with the order, particularly when the products supplied are assembled. Under the provisions of the French Commercial Code the Customer may not refuse an item, or return products that have been delivered, or deduct automatically from the amount of the invoice prepared by ZF penalties for late delivery or a non-conformity, when ZF was not in a position to check the reality of the complaint in question.

8. **PRICE AND TERMS OF PAYMENT:** 8.1 **PRICE:** Unless there are specific conditions for goods for export, prices are quoted, carriage paid as from €1,500 excluding VAT, including packaging, but excluding the tubes. The minimum amount of any order is €150. Products are invoiced on the basis of the prices that apply on the date of dispatch, which are mentioned on the confirmation of the order. The general price list applies to products packed in a standard package in accordance with the ZF catalogue. For all orders for quantities smaller than the amount provided in a standard package, an additional charge of €10 per line is applied. If the Customer requests delivery within 4 days, an additional charge of €50 will be invoiced per order. A price reduction may be granted for any order to be packaged with a full pallet per reference. As our terms are carriage paid from €1,500 excluding VAT, a discount is allowed when the products are taken directly from the factory EXW at Noirefontaine, when the collection is scheduled in advance, on the date agreed with ZF and per full lorry. 8.2 **SPECIFIC EQUIPMENT:** ZF reserves the right to invoice the cost of the manufacture, and the costs of replacing or restoring after wear, of specific equipment made or caused to be made by ZF independently of the price of the products. 8.3 **PAYMENT:** 8.3.1 **TERMS OF PAYMENT** Payments are deemed to be made at ZF's registered office at Noirefontaine 25190 on the due date mentioned on the invoice. Unless otherwise stated, invoices are payable by bank transfer at 30 days net from invoice date. The Customer may not challenge these payment dates unilaterally. ZF is deemed to have been paid when the funds have been made available to it. Payments that are due to ZF may not, in any event, be suspended or reduced for any reason or set off against any other sum without ZF's written agreement. ZF may require payment in cash depending on the Customer risk and the credit insurance cover. ZF reserves the right to require, as a condition of the order, that the Customer supply a bank guarantee payable on first demand to cover all or some of the services, particularly in the event of a payment incident, doubt about the Customer's solvency, any change in the Customer's legal structure, or circumstances that might increase the risk of insolvency.

9. **LATE PAYMENT:** Should payment be delayed, late payment interest will be charged on the sums due, at the interest rate applied by the ECB to its refinancing operations plus 10 percentage points. Flat rate compensation in the sum of €40, to cover the costs of recovery, will also be due. Should payment not be made on the due date, 15 days after formal notice to pay has been sent by registered letter with acknowledgement of receipt and gone unheeded, all sums owed that have not fallen due may become payable immediately and any current contracts may be suspended or terminated as of right, by ZF, by ordinary letter, and any interim payments that have been received and products will be retained, without prejudice to any action for damages.

10. **RETENTION OF TITLE:** ZF will retain title to the products until the price has been paid in full, such price including

the principal sum, interest, costs and incidentals. Payment is made when the price is effectively collected, on the understanding that the delivery of a bill of exchange or any other instrument creating an obligation to pay does not constitute payment. In the event of non-payment on the due date, after formal notice has been issued by registered letter with acknowledgement of receipt, the Customer must, at its expense, risk and peril, return the product for which payment has not been made, and the Customer shall assign automatically to ZF all the debts to which it became entitled at the time of the re-sale, due from a third party purchaser, the re-sale price of the products being in any event used to pay for the products for which payment has not been made, and the Customer shall refrain from reselling any other product. Products in stock are presumed to be those for which payment has not been made, ZF being able to draw up an inventory of these items at any time. The Customer undertakes to store these products in such a way as to ensure that they are identifiable. The Customer may not, in any event, pledge, use as collateral or grant security interests over the products for which payment has not been made.

11. **RECOVERY OF SPECIFIC EQUIPMENT:** Should the Customer wish to recover equipment that it owns, six months' notice must be given, and the costs of dismantling and transportation will be borne by the Customer. ZF reserves the right to invoice the Customer for components and raw materials in stock on its premises that are required for the manufacture of parts that are not manufactured during the months of the notice period that remain to run, on the basis of the monthly average of the number of parts sold to the Customer during the 12 months preceding the recovery of the equipment. The equipment may only be recovered by the Customer in exchange for the payment of an annual licence to exploit ZF's intellectual property rights in the said equipment.

12. **USE OF THE PRODUCTS – TECHNICAL SHEETS:** The products must be used in accordance with our technical specifications which can be found in our catalogues, on the product sheets and/or our website. It is up to the Customer to provide its customer, in writing, with the technical specifications, and information about the performances and constraints affecting the use or installation of the products, all of which must be clear. In the event of doubt, it is up to the Customer to ask us for clarification. Any Customer that cannot show that it has provided its customer with this information in writing will incur liability, vis-à-vis its own customer and vis-à-vis ZF. In the event that the technical specifications and/or conditions for the use or installation of the products have not been observed, ZF will not incur any liability and its warranties will not apply, whether this failure is the responsibility of the Customer or of its customer.

13. **GENERAL WARRANTIES:** 13.1 **SCOPE OF THE WARRANTY:** ZF warrants that the products are in conformity with the stipulations on the confirmation of the order and have no hidden defects. ZF undertakes to repair or exchange any defective products if they are not in conformity with the confirmation of the order or if there is a hidden defect that arose during the manufacturing process, provided the defects are outside the contractual tolerances and within the limits of the following provisions. 13.2 **EXCLUSION:** All warranties are excluded in the event of a situation of force majeure, normal wear and tear, the transmission by the Customer of incorrect data (measurements, etc.), deterioration due to negligence, lack of or poor control, inadequate verification and trials, inadequate surveillance, faulty maintenance, the abnormal use of the products, use that is not in conformity with the specifications, and in the event of incompetence, negligent transportation or installation or abnormal installation and, more generally, defects due to events that occurred after the delivery. ZF's operating instructions do not discharge professionals of their responsibility and must be followed at the very least. All warranties are excluded in the event of the deterioration or corrosion of the surface coatings, subject to the specifications in ZF's notices and catalogues. 13.3 **DURATION AND STARTING POINT OF THE WARRANTY FOR HIDDEN DEFECTS:** The warranty only applies to defects that become apparent during a period of two years after the delivery of the products. Replacement or remade products have the same warranty under the

GENERAL TERMS AND CONDITIONS OF SALE

same terms and conditions as the original material and for the same period from their delivery. 13.4 TIME-LIMIT WITHIN WHICH TO GIVE NOTICE OF NON-CONFORMITIES AND VISIBLE DEFECTS: In accordance with clause 7, notice of all non-conformities must be given within eight days of the receipt of the products. After this time, complaints on this account will not be accepted. 13.5 CUSTOMER'S OBLIGATIONS: The Customer shall refrain from carrying out repairs itself or causing them to be carried out by a third party. No part may be returned to ZF without its prior agreement. The Customer's payment obligations will not be affected if a claim is made under the warranty.

14. WARRANTIES FOR ASSEMBLED PRODUCTS: Apart from the warranties mentioned in clause 13, ZF offers a specific contractual warranty for assembled products. The contractual warranties can be found in the operating instructions. If a claim is made under the warranty, the product in question may be passed to the technical department which will examine it in order to confirm the defect. The assembled products have a two-year warranty as from the date of delivery to ZF's Customer. The warranty covers the repair or replacement of the products and/or components. The warranty covers the cost of the labour required and the travelling expenses. The repair or replacement of the products and/or components does not prolong the initial term of the warranty. All warranties are excluded if the installation instructions have not been strictly followed or if the defect is due to the assembly or an external factor such as an impact or obstacle. ZF's Customer must inform its own customer and, where appropriate, the final customer of the terms and conditions of the warranty.

15. CUSTOMER'S RESPONSIBILITY: It is incumbent upon the Customer to choose products that correspond to its technical needs and, if necessary, to ensure that the product is suitable for the intended use. The Customer is responsible for using the products under normal, foreseeable conditions, in accordance with the safety and environmental rules in force and standard practice in its profession, and in accordance with the product sheets. The Customer is responsible for taking the measurements and choosing products in light of the conditions in which they will be installed (geographical area, nature of the building, exposure to the sun, technical constraints). The Customer states that it is familiar with the regulations applicable to the installation of joinery products. ZF will not be held liable for the consequences of inappropriate storage.

16. ZF'S LIABILITY: ZF's liability is strictly limited to direct and foreseeable property damage caused to the Customer that results from contractual non-performance or negligence on the part of ZF. ZF will not be required to provide compensation for consequential or indirect loss such as: operating loss, loss of profit, loss of opportunity, commercial damage, loss of earnings, claims from third parties, or costs incurred in the implementation, installation or removal of products. Except for bodily injury and gross negligence, ZF's civil liability is limited to the amount that was invoiced and received in consideration of the delivery of the defective products. The Customer shall ensure that its insurers or any third party to the contract waive their right to bring an action against ZF or its insurers over and above the limits and exclusion set out above.

17. PRODUCT PACKAGING: The products are delivered in packaging which ensures that they are protected during transportation. ZF's warranty will not apply and it will not be held liable if the Customer handles, stores or transports the products without the packaging in which they were delivered.

18. INDUSTRIAL AND INTELLECTUAL PROPERTY: When the products are sold the Customer will not acquire any of ZF's industrial and intellectual property rights in these products. The Customer may not, in any event, dispose of, use, reproduce, patent or communicate to third parties, inter alia, ZF's studies, plans, prototypes, documents, patents, designs or know-how. The Customer shall hold ZF harmless against all the consequences of disputes with third parties relating to the industrial or intellectual property rights in any of the elements provided by the Customer in connection with the performance of an

order. The Customer authorises ZF to display the products created at any event such as a trade fair or exhibition or in its advertising and sales documents.

19. FORCE MAJEURE: In the event of a situation of force majeure, the party in default shall inform the other party in writing that it is unable to fulfil its obligations, as soon as the situation has arisen. The contract will be suspended, until the situation has ceased, for a period that may not exceed two months, at the end of which the contract will terminate automatically. On the basis of a report, prepared with the involvement of both parties, of the progress made by the parties, each of them reserves the right to require the party that relied upon the force majeure event to reimburse the expenses incurred. Apart from the events acknowledged in the case law, and those that meet the legal definition set out in Article 1218 of the French Civil Code, the following events, inter alia, are considered to fall into this category: shortage of raw materials, total or partial strike at ZF's place of business, or that of the Customer, or that of the carrier, operational accident, machinery breakdown, flood, fire at ZF's place of business, or that of a supplier, or that of a major player in the market, embargo, blocking of transportation, blocking of public services, and natural disasters.

20. CONFIDENTIALITY: The Products and all information disclosed by ZF regarding the Products and its activity constitute business secrets within the meaning of Article L.151-1 of the French Commercial Code. The Customer undertakes not to disclose any technical, commercial, financial or legal information about ZF or ZF's products that it may have acquired in the course of its contractual relations with ZF.

21. UNFORESEEABLE EVENTS: Should the parties be affected by an event that is beyond their control that compromises the balance of the contract to such an extent that the performance of the contract would be harmful for one of them, they agree to negotiate in good faith to revise the contract. This clause applies particularly to the following events: variation in the price of raw materials, change in customs duties, fluctuations in exchange rates, and changes in legislation and in the Customer's financial situation.

22. PERSONAL DATA: Within the framework of managing its relationship with the Customer and of processing

orders, ZF has to gather data that may allow individuals to be identified. Such data is processed by ZF solely for professional purposes and within the framework of B-to-B relations. The data is processed in accordance with applicable laws and in particular with the GDPR. Any individual is entitled to exercise their rights vis-à-vis ZF to access, query, amend and delete their personal data, and to exercise the right to portability of such data. Unless a request has been made to delete this data, it will be kept for a maximum period of 5 years following the Customer's most recent order.

INFORMATION ABOUT THE PRODUCTS

The information, diagrams and photographs included in the catalogues, prospectuses and marketing brochures are provided for information purposes and are not contractually binding. Zurflüh-Feller satisfies its obligation to provide information about the products in the technical documents by which they are accompanied. It is up to the Customer to inform its own customers of the conditions governing the installation and use of the products and the safety measures to be observed. Zurflüh-Feller reserves the right to modify the products at any time, along with the related technical information, other information and packaging.



ZURFLÜH-FELLER



ZURFLÜH-FELLER

ZURFLÜH-FELLER

11 Rue des Herbiers - 25190 Noirefontaine - France

Phone : +33 381 99 33 00

Fax : +33 381 99 33 40

**www.zurfluh-feller.fr
std@zurfluh-feller.com**