

Radio technology RTW

LP&S-R 45: Finecorsa radio / Radio end limit switch

**Regolazione automatica
dei finecorsa ALTO e BASSO**

*UP and DOWN automatic
end limits setting*

**Opzione di regolazione
manuale dei 3 finecorsa**

*Manual adjustment
option of the 3 end limits*

**Rilevazione automatica
degli ostacoli e del congelamento**

*Automatic obstacle
and freeze detection*

**Facile inversione del senso
di rotazione dal telecomando**

*Easy inversion of the sense
of rotation by the transmitter*

Collegabile in parallelo

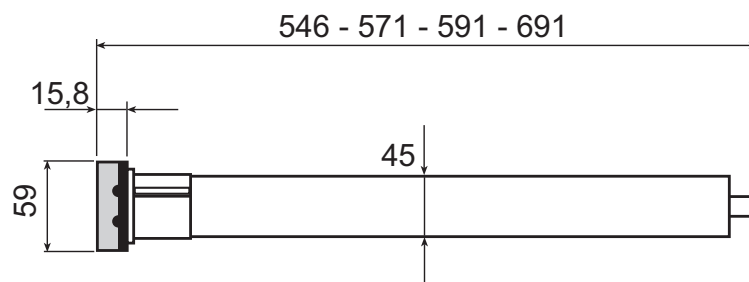
Parallel wiring allowed

**Minimo cablaggio
(comandi solo via radio)**

*Minimal wiring
(only radio remote controls)*

Ø45 LP&S-R Plug & Set con 3 finecorsa / with 3 end limits

Motore tubolare radio Ø45 plug & play con opzione di regolazione manuale dei 3 finecorsa, specifico per applicazioni su tapparelle con cintini rigidi e stoppers (non necessari quando il motore è in modalità di regolazione manuale)
Radio Tubular motor Ø45 plug & play with manual adjustment option of the 3 end limits, specific for rolling shutters with rigid links and stoppers (not necessary when the motor is in manual setting mode)



Plug & Play

Tapparella no-stress:

Quando il motore è in modalità Plug & Play, durante i primi cicli di funzionamento riconosce i finecorsa e successivamente si arresterà nelle posizioni di finecorsa riconosciute. Ciò consente di non stressare meccanicamente la tapparella ad ogni ciclo garantendone così l'integrità.

No-stress rolling shutter:

When the motor is in Plug & Play mode, in the first operating cycles, the end limits are automatically recognized and stored for subsequent cycles.

This allows not stressing the rolling shutter at each cycle, thereby ensuring durability.

Intelligente nel tempo:

Grazie ad una funzione elettronica il motore ciclicamente riprogramma i finecorsa per garantire una prestazione ottimale nel tempo.

Intelligent over time:

Thanks to a specific function, the motor periodically searches for and confirms the end limits, thus offering optimum performance and lasting stopping precision.



Caratteristiche tecniche / Technical features

CODICE CODE	DESCRIZIONE DESCRIPTION	COPPIA TORQUE	VELOCITÀ SPEED	GIRI FC LS ROUNDS	ASSORBIMENTO CONSUMPTION	ALIMENTAZIONE POWER SUPPLY	GRADO DI PROT. PROT. DEGREE	LUNGHEZZA LENGTH	PESO MOTORE MOTOR WEIGHT	IMBALLO PACKAGE	CERTIFICAZIONE CERTIFICATION
2240150	LP&S-R 6-16	6 Nm	16 Rpm	infiniti/infinite	98 W	230 V ~ / 50 Hz	IP 44	546 mm	2,05 Kg	1 pc/pc	NF CE
2241420	LP&S-R 10-16	10 Nm	16 Rpm	infiniti/infinite	125 W	230 V ~ / 50 Hz	IP 44	571 mm	2,15 Kg	1 pc/pc	NF CE
2242236	LP&S-R 15-16	15 Nm	16 Rpm	infiniti/infinite	155 W	230 V ~ / 50 Hz	IP 44	571 mm	2,35 Kg	1 pc/pc	NF CE
2243515	LP&S-R 20-16	20 Nm	16 Rpm	infiniti/infinite	180 W	230 V ~ / 50 Hz	IP 44	591 mm	2,46 Kg	1 pc/pc	NF CE
2245422	LP&S-R 30-16	30 Nm	16 Rpm	infiniti/infinite	235 W	230 V ~ / 50 Hz	IP 44	691 mm	2,84 Kg	1 pc/pc	NF CE
2247357	LP&S-R 40-16	40 Nm	16 Rpm	infiniti/infinite	285 W	230 V ~ / 50 Hz	IP 44	691 mm	2,88 Kg	1 pc/pc	NF CE
2249382	LP&S-R 50-12	50 Nm	12 Rpm	infiniti/infinite	285 W	230 V ~ / 50 Hz	IP 44	691 mm	2,88 Kg	1 pc/pc	NF CE

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Applicazione Application

Tapparelle con cintini rigidi e stopper
Rolling shutters with rigid links and stoppers



Tapparelle orientabili
Orientable shutters



Dati prestazionali / Performance data

CODICE CODE	DESCRIZIONE DESCRIPTION	COPPIA TORQUE	VELOCITÀ SPEED	MOTORE MOTOR	TUBO OTT. OCTO TUBE	PESO SOLLEVATO LIFTED WEIGHT	TUBO OTT. OCTO TUBE	PESO SOLLEVATO LIFTED WEIGHT
2240150	LP&S-R 6-16	6 Nm	16 Rpm	Ø 45	Ø 60	0 - 15 Kg	Ø 70	0 - 12 Kg
2241420	LP&S-R 10-16	10 Nm	16 Rpm	Ø 45	Ø 60	15 - 20 Kg	Ø 70	12 - 20 Kg
2242236	LP&S-R 15-16	15 Nm	16 Rpm	Ø 45	Ø 60	25 - 35 Kg	Ø 70	20 - 30 Kg
2243515	LP&S-R 20-16	20 Nm	16 Rpm	Ø 45	Ø 60	35 - 45 Kg	Ø 70	30 - 40 Kg
2245422	LP&S-R 30-16	30 Nm	16 Rpm	Ø 45	Ø 60	45 - 65 Kg	Ø 70	40 - 60 Kg
2247357	LP&S-R 40-16	40 Nm	16 Rpm	Ø 45	Ø 60	65 - 85 Kg	Ø 70	60 - 80 Kg
2249382	LP&S-R 50-12	50 Nm	12 Rpm	Ø 45	Ø 60	81 - 90 Kg	Ø 70	71 - 80 Kg

Accessori Accessories

Staffe Brackets



p.71

Adattatori Adapters



p.78

Meccanici Mechanicals



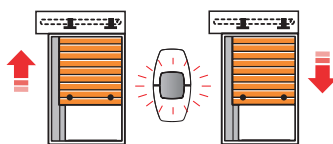
p.83

Controlli radio Remote controls



p.16

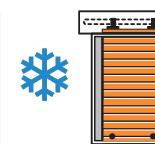
Facile inversione del senso di rotazione dal telecomando
Easy inversion of the sense of rotation by the transmitter



Rilevazione automatica degli ostacoli
Automatic obstacle detection



Rilevazione automatica del congelamento
Automatic freeze detection

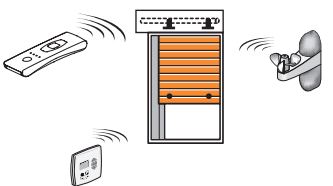


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Select 1 single QR code each time

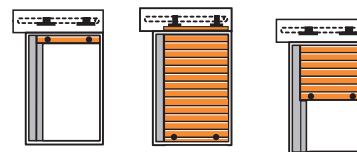
Guida programmazione Programming guide



Minimo cablaggio (comandi solo via radio)
Minimal wiring (only radio remote controls)



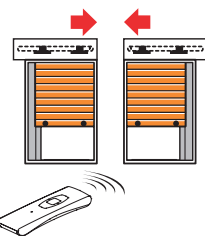
Posizione finecorsa mantenuta anche durante black-out
End limit positions maintained even during electrical black-out



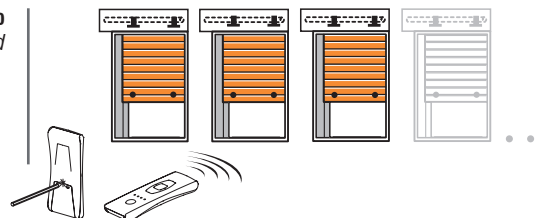
Tapparella no-stress
No-stress rolling shutter



Adatto per applicazioni a destra e a sinistra
Suitable for left and right applications



Collegabile in parallelo
Parallel wiring allowed



Manuale d'uso Instruction manual



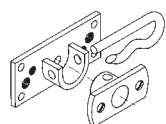
Dichiarazione di conformità Conformity declaration





Motori tubolari Tubular motors

ETR - ETR-A - LP&S-R - ET-S - LP&P - LP&S - SUAW-EL - CD 45



2204145



NO ET-S

Staffa con perno rotondo a due posizioni
Bracket with two positions round pin and housing

CONF. 5 PZ / PACK. 5 PCS

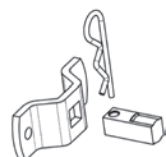


2204000



Piastrino perno quadrato
Square pin plate

CONF. 5 PZ / PACK. 5 PCS



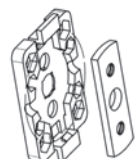
2204002



NO ET-S

Staffa con perno quadrato a "scatto" completa di culla.
Interasse 48 mm e fori filettati (solo per motori con max 20 Nm)
Bracket with "click" square pin Threaded holes with center-to-center distance 48 mm (only for motors max 20 Nm)

CONF. 5 PZ / PACK. 5 PCS

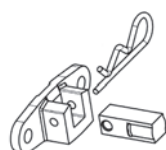


2204003



Staffa ad innesto "rapido". Ridottissime dimensioni di ingombro e facile applicazione (solo per motori con max 35 Nm)
Fast connection bracket minimum overall dimensions (only for motors max 35 Nm)

CONF. 5 PZ / PACK. 5 PCS



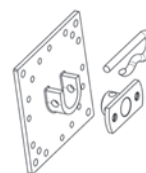
2204004



NO ET-S

Staffa con perno quadrato a scatto e culla per innesto del perno "dall'alto" (solo per motori con max 20 Nm)
Bracket with "open" housing for the click square pin (only for motors max 20 Nm)

CONF. 5 PZ / PACK. 5 PCS



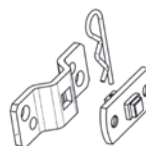
2204011



NO ET-S

Staffa 100x100 con sella per perno rotondo a due posizioni
100x100 bracket with two positions round pin

CONF. 5 PZ / PACK. 5 PCS

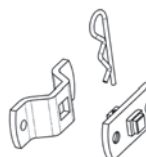


2204014



Staffa con perno quadrato completa di culla.
Interasse 48/60 mm
Bracket with square pin center-to-center distance 48/60 mm

CONF. 5 PZ / PACK. 5 PCS



2204001



Staffa con perno quadrato completa di culla.
Interasse 48 mm e fori filettati
Bracket with square pin threaded holes with center-to-center distance 48 mm

CONF. 5 PZ / PACK. 5 PCS

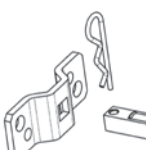


2204022



Staffa per supporti tipo "Torino"
(aggiungere il perno quadrato per motori)
Bracket for support type "Torino" (match with square pin for motors)

CONF. 5 PZ / PACK. 5 PCS



2204025



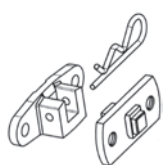
NO ET-S

Staffa con perno quadrato a "scatto" completa di culla.
Interasse 48/60 mm (solo per motori con max 20 Nm)
Bracket with "click" square pin Center-to-center distance 48/60 mm (only for motors max 20 Nm)

CONF. 5 PZ / PACK. 5 PCS

Motori tubolari
Tubular motors

ETR - ETR-A - LP&S-R - ET-S - LP&P - LP&S - SUAW-EL - CD 45

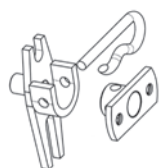


2204032



Staffa con perno quadrato con culla per innesto del perno "dall'alto" (solo per motori con max 30 Nm)
Bracket with "open" housing for the square pin. Clutch the pin from "above" (only for motors max 30 Nm)

CONF. 5 PZ / PACK. 5 PCS



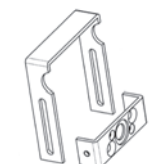
2204112



Staffa autocentrante per tende completa di sella e perno rotondo a due posizioni
Bracket for awnings with two positions round pin

CONF. 5 PZ / PACK. 5 PCS

NO ET-S

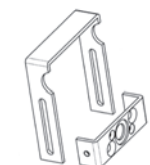


2204042



Staffa per mini cassonetti
Lunghezza 137 mm
Bracket for mini boxes
Length 137 mm

CONF. 5 PZ / PACK. 5 PCS

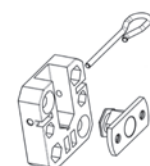


2204107



Staffa per mini cassonetti
Lunghezza 90 mm
Bracket for mini boxes
Length 90 mm

CONF. 5 PZ / PACK. 5 PCS

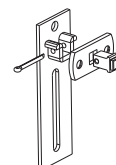


2204045



Staffa in zama con perno esagonale.
L'inserimento del perno avviene "dall'alto"
Metal bracket with hexagonal pin.
Clutch the pin from "above"

CONF. 5 PZ / PACK. 5 PCS

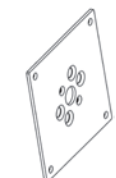


2204206



Staffa regolabile verticalmente con perno quadrato a due posizioni
Adjustable bracket with two positions square pin

CONF. 5 PZ / PACK. 5 PCS

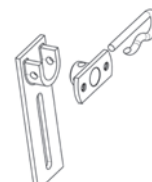


2204088



Staffa 100 x 100
100 x 100 bracket plate

CONF. 5 PZ / PACK. 5 PCS



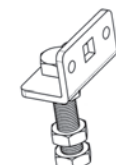
2204100



Staffa regolabile verticalmente con perno rotondo a due posizioni
Adjustable bracket with two positions round pin

CONF. 5 PZ / PACK. 5 PCS

NO ET-S

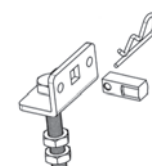


2204017



Staffa con perno Ø 10 per innesto diretto su murature già esistenti.
Ideale nelle ristrutturazioni.
Bracket Ø 10 threading pin for the direct clutch
ideal for the existing clamp

CONF. 5 PZ / PACK. 5 PCS



2204037



Staffa con perno Ø 10 per innesto diretto con perno quadrato a "scatto" e copiglia (solo per motori con max 20 Nm)
Bracket with Ø 10 "click" square pin and splint pin for the direct clutch (only for motors max 20 Nm)

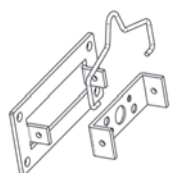
CONF. 5 PZ / PACK. 5 PCS

NO ET-S



Motori tubolari
Tubular motors

ETR - ETR-A - LP&S-R - ET-S - LP&P - LP&S - SUAW-EL - CD 45

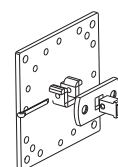


2204109



Staffa minimo ingombro
Minimum overall dimensions bracket

CONF. 5 PZ / PACK. 5 PCS

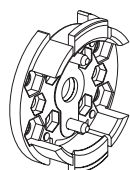


2204198



Staffa 100x100 per perno quadrato
100 x 100 bracket with two positions square pin

CONF. 5 PZ / PACK. 5 PCS



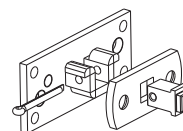
2204167



CLIPPO
Staffa clippabile per coppie alte
CLIPPO
Clipable bracket for high torques

CONF. 5 PZ / PACK. 5 PCS

NO ET-S

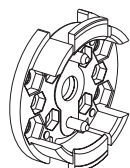


2204202



Staffa con culla per perno quadrato.
Interasse 48/60 mm
Bracket with two positions square pin
Centre to centre distance 48/60 mm

CONF. 5 PZ / PACK. 5 PCS



2204170



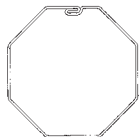
CLIPPO
Staffa clippabile per coppie basse (max 10 Nm)
CLIPPO
Clipable bracket for low torques (max 10 Nm)

CONF. 5 PZ / PACK. 5 PCS



Motori tubolari
Tubular motors

ET-S



Ø60 x 1,5 mm



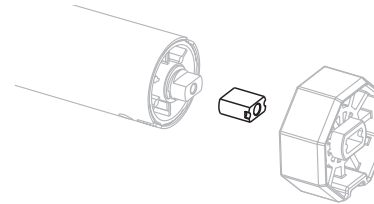
Corona e ruota / Crown and wheel



2204196

Adattatori per tubo avvolgitore ottagonale
Plastica
Adapters for octagonal rolling tube
Plastic

CONF. 5 PZ / PACK. 5 PCS



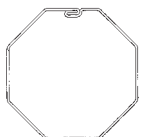
2204226

ET-S Interfaccia per adattatori ASA
ET-S interface for ASA adapters

CONF. 5 PZ / PACK. 5 PCS

Motori tubolari
Tubular motors

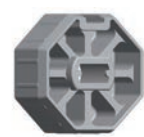
ETR - ETR-A 45 - LPS-R - CDE-R - LP&P - LP&S - SUAW-EL - CD 45 - CDE 45



Ø50 x 0,5 mm



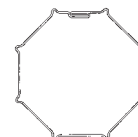
Corona e ruota / Crown and wheel



2204105

Adattatori per tubo avvolgitore ottagonale
Plastica
Adapters for octagonal rolling tube
Plastic

CONF. 5 PZ / PACK. 5 PCS



Ø60 x 0,7 mm



Corona e ruota / Crown and wheel



2204061

Adattatori per tubo avvolgitore ottagonale con spigoli rinforzati
Metallo
Adapters for octagonal with reinforced edges rolling tube - Metal

CONF. 5 PZ / PACK. 5 PCS



Ø60 x 1,5 mm



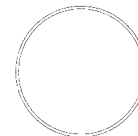
Corona e ruota / Crown and wheel



2204006

Adattatori per tubo avvolgitore ottagonale
Metallo
Adapters for octagonal rolling tube
Metal

CONF. 5 PZ / PACK. 5 PCS



Ø50 x 1,5 mm



Ruota / Wheel

2204009

Adattatore per tubo avvolgitore rotondo
Plastica
Adapter for round rolling tube
Plastic

CONF. 5 PZ / PACK. 5 PCS



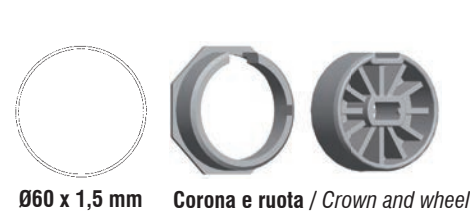
Motori tubolari
Tubular motors

ETR - ETR-A 45 - LPS-R - CDE-R - LP&P - LP&S - SUAW-EL - CD 45 - CDE 45



Adattatori per tubo avvolgitore ottagonale
Metallo
Adapters for octagonal rolling tube Metal

CONF. 5 PZ / PACK. 5 PCS



Adattatori per tubo avvolgitore rotondo
Metallo
Adapters for round rolling tube Metal

CONF. 5 PZ / PACK. 5 PCS



Adattatori per tubo avvolgitore ottagonale per coppie fino a 30Nm
Plastica
Adapters for octagonal rolling tube for torques up to 30Nm tube - Plastic

CONF. 5 PZ / PACK. 5 PCS



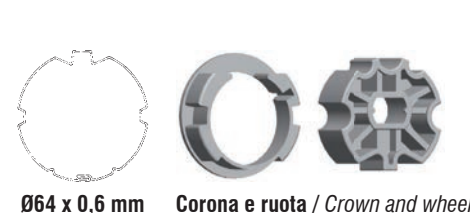
Adattatori per tubo avvolgitore rotondo
Metallo
Adapters for round rolling tube Metal

CONF. 5 PZ / PACK. 5 PCS



Adattatori per tubo avvolgitore rotondo
Metallo
Adapters for round rolling tube Metal

CONF. 5 PZ / PACK. 5 PCS



Adattatori per tubo avvolgitore ZF
Plastica
Adapters for ZF profiled rolling tube Plastic

CONF. 5 PZ / PACK. 5 PCS



Adattatori per tubo avvolgitore rotondo
Metallo
Adapters for round rolling tube Metal

CONF. 5 PZ / PACK. 5 PCS

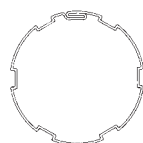


Adattatori per tubo avvolgitore ZF
Plastica
Adapters for ZF profiled rolling tube Plastic

CONF. 5 PZ / PACK. 5 PCS

Motori tubolari
Tubular motors

ETR - ETR-A 45 - LPS-R - CDE-R - LP&P - LP&S - SUAW-EL - CD 45 - CDE 45



Ø65 x 1,5 mm

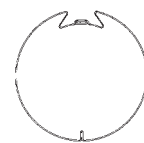


Corona e ruota / Crown and wheel

2200050

Adattatori per tubo avvolgitore scanalato
Metallo
Adapters for profiled rolling tube
Metal

CONF. 5 PZ / PACK. 5 PCS



LP Ø62 x 0,6 mm



Corona e ruota / Crown and wheel

2204007

Adattatori per tubo avvolgitore deprat - F2000
Plastica
Adapters for deprat rolling tube - F2000
Plastic

CONF. 5 PZ / PACK. 5 PCS



Ø54 x 0,5 mm



Corona e ruota / Crown and wheel

2204139

Adattatori per tubo avvolgitore ZF
Plastica
Adapters for ZF profiled rolling tube
Plastic

CONF. 5 PZ / PACK. 5 PCS



LP Ø89 x 1 mm



Corona e ruota / Crown and wheel

2200056

Adattatori per tubo avvolgitore deprat - F5039
Metallo
Adapters for deprat rolling tube - F5039
Metal

CONF. 5 PZ / PACK. 5 PCS



Ø78 x 1,5 mm

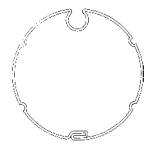


Corona e ruota / Crown and wheel

2204010

Adattatori per tubo avvolgitore con ogiva schiacciata
Metallo
Adapters for round with groove rolling tube - Metal

CONF. 5 PZ / PACK. 5 PCS



Ø78 x 1,5 mm



Corona e ruota / Crown and wheel

2204010

Adattatori per tubo avvolgitore con ogiva tonda - Metallo
Adapters for round with groove rolling tube - Metal

CONF. 5 PZ / PACK. 5 PCS



Ø70 x 1,5 mm



Corona e ruota / Crown and wheel

2204078

Adattatori per tubo avvolgitore con ogiva tonda - Plastica
Adapters for rolling tube with round groove - Plastic

CONF. 5 PZ / PACK. 5 PCS



Ø85 x 1,5 mm



Corona e ruota / Crown and wheel

2204138

Adattatori per tubo avvolgitore con ogiva tonda - Metallo
Adapters for round with groove rolling tube - Metal

CONF. 5 PZ / PACK. 5 PCS



Motori tubolari
Tubular motors

ETR - ETR-A 45 - LPS-R - CDE-R - LP&P - LP&S - SUAW-EL - CD 45 - CDE 45



Ø70 x 1,5 mm



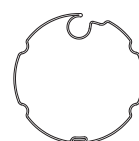
Corona e ruota / Crown and wheel



2204083

**Adattatori per tubo avvolgitore
con ogiva tonda 15mm - Metallo**
*Adapters for round with groove
rolling tube 15mm - Metal*

CONF. 5 PZ / PACK. 5 PCS



Ø63 x 0,8 mm



Corona e ruota / Crown and wheel



2204234

**Adattatori per tubo avvolgitore
ROLLER BAT - Plastica**
*Adapters for ROLLER BAT
rolling tube - Plastic*

CONF. 5 PZ / PACK. 5 PCS



Ø70 x 1,5 mm



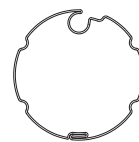
Corona e ruota / Crown and wheel



2204008

**Adattatori per tubo avvolgitore
con ogiva tonda - Metallo**
*Adapters for round with groove
rolling tube - Metal*

CONF. 5 PZ / PACK. 5 PCS



Ø70 x 0,9 mm



Corona e ruota / Crown and wheel



2204235

**Adattatori per tubo avvolgitore
ROLLER BAT - Plastica**
*Adapters for ROLLER BAT
rolling tube - Plastic*

CONF. 5 PZ / PACK. 5 PCS



Ø80 x 1 mm



Corona e ruota / Crown and wheel



2204236

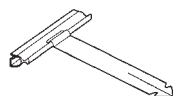
**Adattatori per tubo avvolgitore
ROLLER BAT - Plastica**
*Adapters for ROLLER BAT
rolling tube - Plastic*

CONF. 5 PZ / PACK. 5 PCS



Motori tubolari
Tubular motors

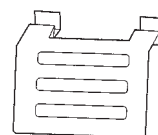
ETR - LP&S-R - CDE-R - ET-S - LP&P - LP&S - CD 45 - CDE 45



2200022

**Molla di fissaggio tubo
per mini lame 9 mm**
Security spring for 9 mm slats

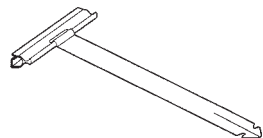
CONF. 1 PZ / PACK. 1 PC



2200035

Gancio fissaggio cintino/tubo
Belt - rolling tube fixing hook

CONF. 1 PZ / PACK. 1 PC



2200021

**Molla di fissaggio tubo
per lame standard 14 mm**
*Security spring for 14 mm standard
slats*

CONF. 1 PZ / PACK. 1 PC



2200033

Blocco di sicurezza per tapparelle.
**A tapparella completamente
abbassata impedisce il
sollevamento dell'avvolgibile**
Security block for shutters

CONF. 1 PZ / PACK. 1 PC



2200146

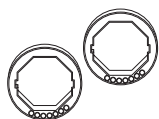
Cintino rigido ZF
per tubo ottagonale Ø 60
ZF Rigid link
for Ø 60 octagonal rolling tube

CONF. 1 PZ / PACK. 1 PC



Motori tubolari Tubular motors

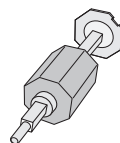
ETR - LP&S-R - CDE-R - ET-S - LP&P - LP&S - CD 45 - CDE 45



2204092

Coppia di adattatori montaggio rapido blocchi di sicurezza per tubo ottagonale Ø 60
Set of two security block adapters for Ø 60 octagonal rolling tube

CONF. 1 PZ / PACK. 1 PC



2204055

Fondello regolabile in materiale plastico con perno tondo per tubo ottagonale Ø 60
Adjustable plastic cap with pivot for Ø 60 octagonal rolling tube

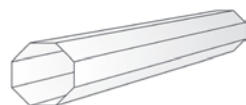
CONF. 1 PZ / PACK. 1 PC



2204054

Fondello in materiale plastico con perno tondo per tubo ottagonale Ø 60
Plastic cap with pivot for Ø 60 octagonal rolling tube

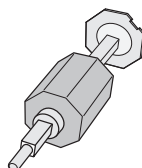
CONF. 1 PZ / PACK. 1 PC



2204094

Barra 3m tubo ottagonale Ø 60
3 m Ø 60 octagonal tube

CONF. 4 PZ / PACK. 4 PCS



2200026

Fondello regolabile in materiale plastico con perno tondo per tubo ottagonale Ø 70
Adjustable plastic cap with pivot for Ø 70 octagonal rolling tube

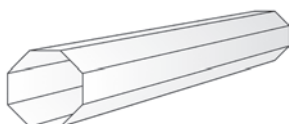
CONF. 1 PZ / PACK. 1 PC



2200024

Fondello in materiale plastico con perno tondo per tubo ottagonale Ø 70
Plastic cap with pivot for Ø 70 octagonal rolling tube

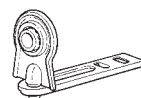
CONF. 1 PZ / PACK. 1 PC



2200017

Barra 3m tubo ottagonale Ø 70
3 m Ø 70 octagonal tube

CONF. 4 PZ / PACK. 4 PCS



2200037

Supporto a murare con cuscinetto
Wall mounted support with ball bearing

CONF. 1 PZ / PACK. 1 PC



2200038

Supporto a parete con cuscinetto
Surface mounted support with ball bearing

CONF. 1 PZ / PACK. 1 PC