

# Radio technology RTW

**ETR 45:** Finecorsa radio / Radio end limit switch

**Facile regolazione  
dei finecorsa  
dal telecomando**  
*Easy end limits adjustment  
by the transmitter*

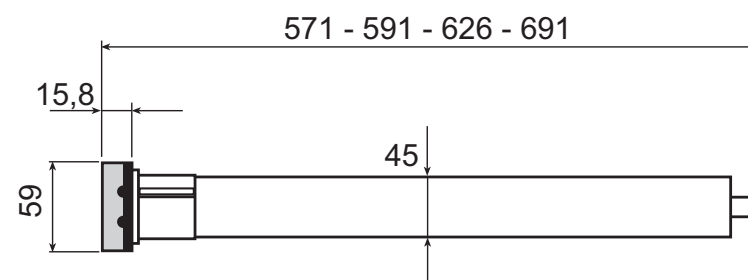
**Facile impostazione  
dei comandi di gruppo**  
*Easy group controls  
adjustment*

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

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

## Ø45 ETR

**Motore tubolare Ø45 con finecorsa radio**  
**idoneo per applicazioni su tapparelle, tende oscuranti e tende da sole.**  
*Tubular motor Ø45 with radio end limit switch*  
*suitable for rolling shutters, screens and awnings.*



### 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
2240062	ETR 5-28	5 Nm	28 Rpm	infiniti/infinite	125 W	230 V ~ / 50 Hz	IP 44	591 mm	2,12 Kg	1 pz/pc	NF CE
2240066	ETR 6-16	6 Nm	16 Rpm	infiniti/infinite	98 W	230 V ~ / 50 Hz	IP 44	571 mm	2,00 Kg	1 pz/pc	NF CE
2241241	ETR 10-16	10 Nm	16 Rpm	infiniti/infinite	125 W	230 V ~ / 50 Hz	IP 44	591 mm	2,13 Kg	1 pz/pc	NF CE
2242155	ETR 15-16	15 Nm	16 Rpm	infiniti/infinite	155 W	230 V ~ / 50 Hz	IP 44	626 mm	2,25 Kg	1 pz/pc	NF CE
2243254	ETR 20-16	20 Nm	16 Rpm	infiniti/infinite	180 W	230 V ~ / 50 Hz	IP 44	626 mm	2,38 Kg	1 pz/pc	NF CE
2245203	ETR 30-16	30 Nm	16 Rpm	infiniti/infinite	235 W	230 V ~ / 50 Hz	IP 44	691 mm	2,84 Kg	1 pz/pc	NF CE
2247233	ETR 40-16	40 Nm	16 Rpm	infiniti/infinite	270 W	230 V ~ / 50 Hz	IP 44	691 mm	2,88 Kg	1 pz/pc	NF CE
2249200	ETR 50-12	50 Nm	12 Rpm	infiniti/infinite	285 W	230 V ~ / 50 Hz	IP 44	691 mm	2,88 Kg	1 pz/pc	NF CE

# Radio technology RTW

**ETR 45: Finecorsa radio / Radio end limit switch**

## Applicazione Application

**Tapparelle**  
Rolling shutters



**Tende oscuranti**  
Screens

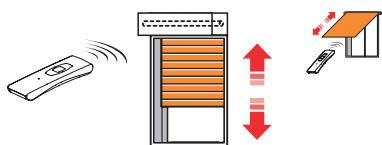


## Applicazione Application

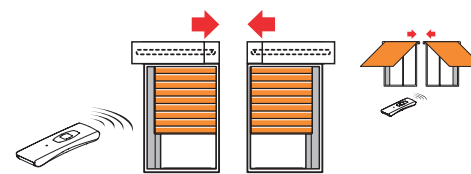
**Tende da sole**  
Awnings



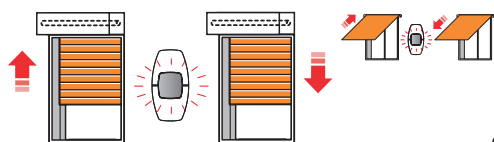
**Facile impostazione  
dei finecorsa  
dal telecomando**  
Easy end limits  
adjustment  
by the transmitter



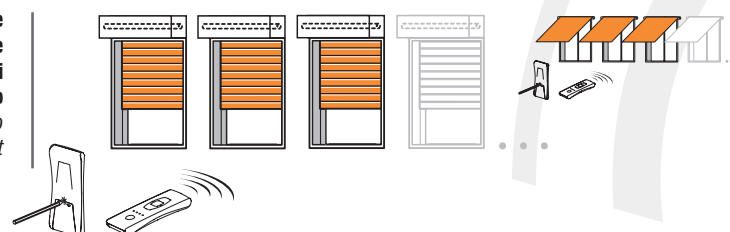
**Adatto per applicazioni  
a destra e a sinistra**  
Suitable for left and  
right application



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



**Facile  
impostazione  
dei comandi  
di gruppo**  
Easy group  
controls adjustment



## 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
2240062	ETR 5-28	5 Nm	28 Rpm	Ø 45	Ø 60	0 - 11 Kg	/	/
2240066	ETR 6-16	6 Nm	16 Rpm	Ø 45	Ø 60	0 - 11 Kg	/	/
2241241	ETR 10-16	10 Nm	16 Rpm	Ø 45	Ø 60	12 - 20 Kg	/	/
2242155	ETR 15-16	15 Nm	16 Rpm	Ø 45	Ø 60	21 - 30 Kg	/	/
2243254	ETR 20-16	20 Nm	16 Rpm	Ø 45	Ø 60	31 - 35 Kg	/	/
2245203	ETR 30-16	30 Nm	16 Rpm	Ø 45	Ø 60	46 - 55 Kg	Ø 70	0 - 45 Kg
2247233	ETR 40-16	40 Nm	16 Rpm	Ø 45	Ø 60	64 - 70 Kg	Ø 70	56 - 63 Kg
2249200	ETR 50-12	50 Nm	12 Rpm	Ø 45	Ø 60	81 - 90 Kg	Ø 70	71 - 80 Kg

CODICE CODE	DESCRIZIONE DESCRIPTION	COPPIA TORQUE	VELOCITÀ SPEED	MOTORE MOTOR	TUBO TONDO ROUND TUBE	2 BRACCIA 2 ARMS	4 BRACCIA 4 ARMS	6 BRACCIA 6 ARMS
						SPORGENZA PROJECTION	SPORGENZA PROJECTION	SPORGENZA PROJECTION
2245203	ETR 30-16	30 Nm	16 Rpm	Ø 45	Ø 70	2 m	/	/
2247233	ETR 40-16	40 Nm	16 Rpm	Ø 45	Ø 70	3,5 m - 4 m	2 m - 2,5 m - 3 m	/
2249200	ETR 50-12	50 Nm	12 Rpm	Ø 45	Ø 70	/	4 m	2 m - 2,5 m

## Accessori Accessories

### Staffe Brackets

p.71



### Adattatori Adapters

p.78



### Meccanici Mechanicals

p.83



### Controlli radio Remote controls

p.16



**Download**  
Selezionare 1 codice  
QR alla volta  
Select 1 single QR  
code each time

### Guida programmazione Programming guide



### Manuale d'uso Instruction manual



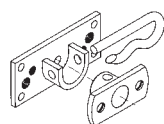
### Dichiarazione di conformità Conformity declaration





## Motori tubolari Tubular motors

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



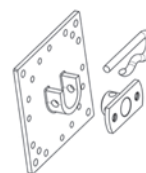
2204145



NO ET-S

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

CONF. 5 PZ / PACK. 5 PCS



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

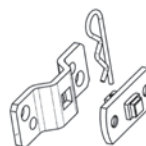


2204000



**Piastrino perno quadrato**  
*Square pin plate*

CONF. 5 PZ / PACK. 5 PCS

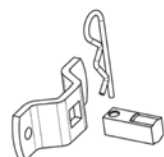


2204014



**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



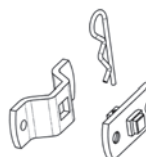
2204002



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

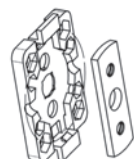


2204001



**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



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

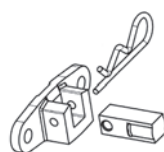


2204022



**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



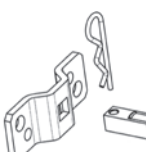
2204004



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



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

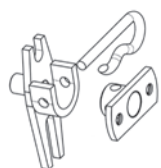


**2204032**



**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



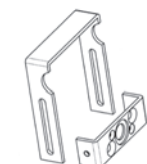
**2204112**



**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

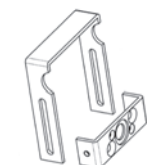


**2204042**



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

CONF. 5 PZ / PACK. 5 PCS

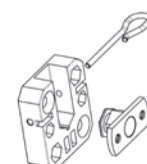


**2204107**



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

CONF. 5 PZ / PACK. 5 PCS

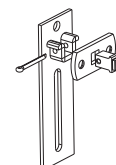


**2204045**



**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

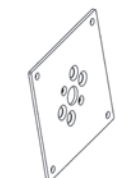


**2204206**



**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



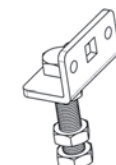
**2204100**



**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

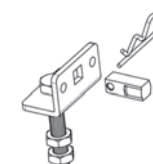


**2204017**



**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)*

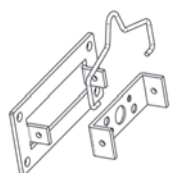
CONF. 5 PZ / PACK. 5 PCS

NO ET-S



**Motori tubolari**  
*Tubular motors*

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

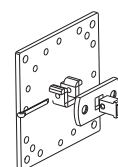


**2204109**



**Staffa minimo ingombro**  
*Minimum overall dimensions bracket*

CONF. 5 PZ / PACK. 5 PCS

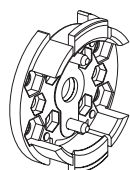


**2204198**



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

CONF. 5 PZ / PACK. 5 PCS



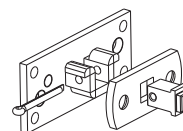
**2204167**



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

CONF. 5 PZ / PACK. 5 PCS

NO ET-S

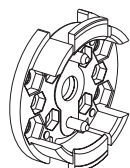


**2204202**



**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**



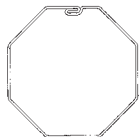
**CLIPPO**  
**Staffa clippabile per coppie basse (max 10 Nm)**  
*CLIPPO*  
*Clipable bracket for low torques (max 10 Nm)*

CONF. 5 PZ / PACK. 5 PCS



**Motori tubolari**  
*Tubular motors*

**ET-S**



Ø60 x 1,5 mm



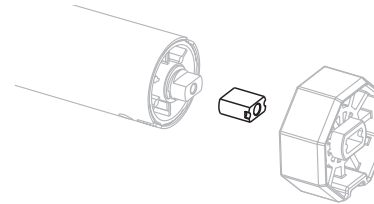
Corona e ruota / Crown and wheel



2204196

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

CONF. 5 PZ / PACK. 5 PCS



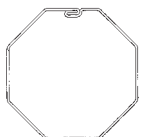
2204226

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

CONF. 5 PZ / PACK. 5 PCS

**Motori tubolari**  
*Tubular motors*

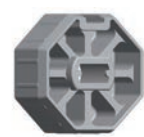
**ETR - ETR-A 45 - LPS-R - CDE-R - LP&P - LP&S - SUAW-EL - CD 45 - CDE 45**



Ø50 x 0,5 mm



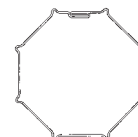
Corona e ruota / Crown and wheel



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



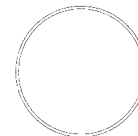
Corona e ruota / Crown and wheel



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





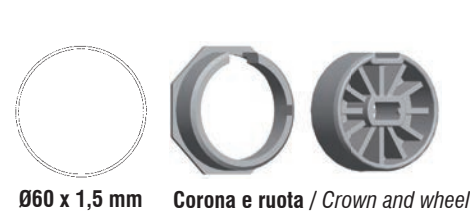
**Motori tubolari**  
*Tubular motors*

**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



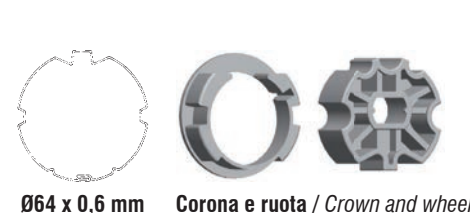
**Adattatori per tubo avvolgitore rotondo**  
**Metallo**  
*Adapters for round rolling tube Metal*

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



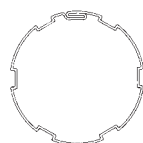
**Adattatori per tubo avvolgitore ZF**  
**Plastica**  
*Adapters for ZF profiled rolling tube Plastic*

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

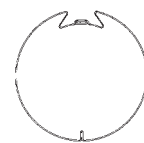


Corona e ruota / Crown and wheel

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

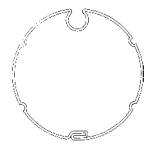


Corona e ruota / Crown and wheel

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



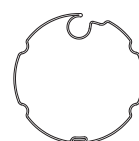
Corona e ruota / Crown and wheel



**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



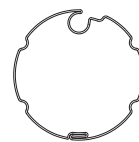
Corona e ruota / Crown and wheel



**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**

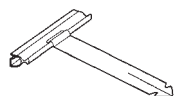
**Adattatori per tubo avvolgitore  
ROLLER BAT - Plastica**  
*Adapters for ROLLER BAT  
rolling tube - Plastic*

CONF. 5 PZ / PACK. 5 PCS



**Motori tubolari**  
*Tubular motors*

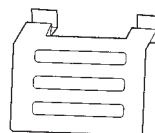
**ETR - LP&S-R - CDE-R - ET-S - LP&P - LP&S - CD 45 - CDE 45**



**2200022**

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

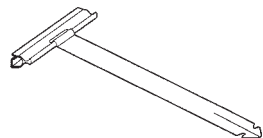
CONF. 1 PZ / PACK. 1 PC



**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**

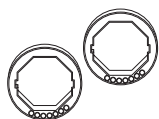
**Cintino rigido ZF**  
**per tubo ottagonale Ø 60**  
*ZF Rigid link*  
*for Ø 60 octagonal rolling tube*

CONF. 1 PZ / PACK. 1 PC



**Motori tubolari**  
Tubular motors

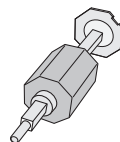
## ETR - LP&S-R - CDE-R - ET-S - LP&P - LP&S - CD 45 - CDE 45



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*

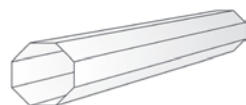
CONF. 1 PZ / PACK. 1 PC



2204054

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

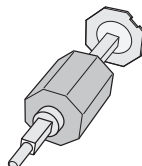
CONF. 1 PZ / PACK. 1 PC



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*

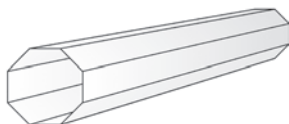
CONF. 1 PZ / PACK. 1 PC



2200024

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

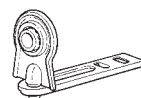
CONF. 1 PZ / PACK. 1 PC



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