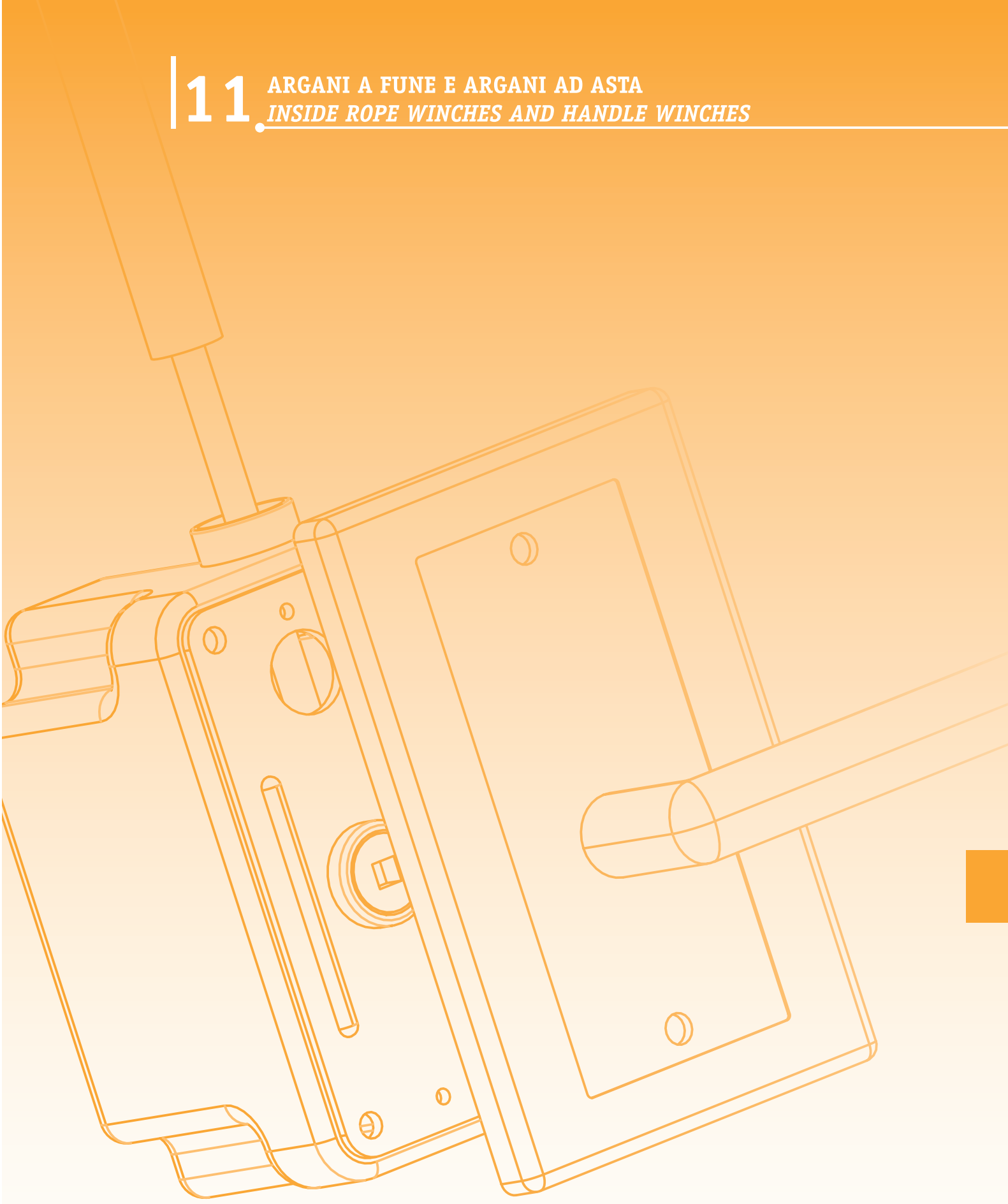
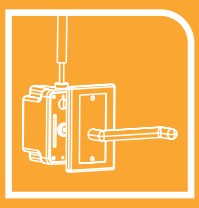
11 ARGANI A FUNE E ARGANI AD ASTA
INSIDE ROPE WINCHES AND HANDLE WINCHES

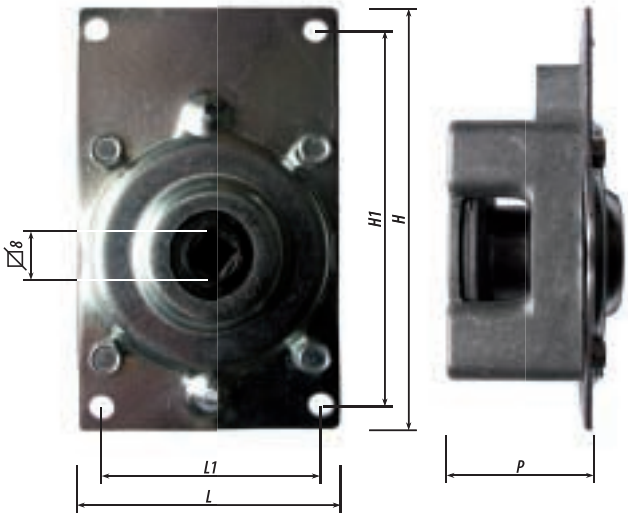


Bolis Carlo srl

ARGANELLO A FUNE INTERNO TIPO BGM

INSIDE ROPE WINCH TYPE BGM

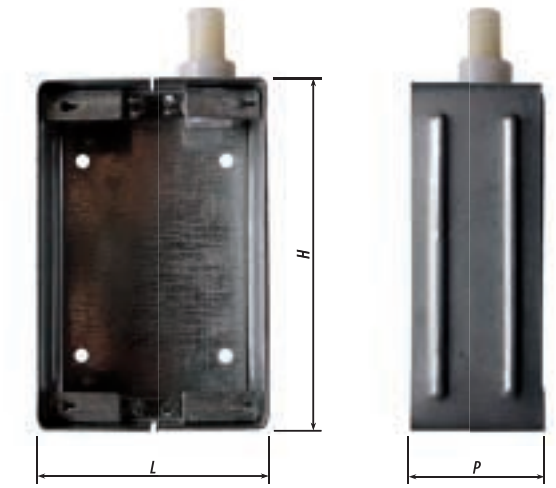




CODICE *ITEM*	TIPO *TYPE*	PORTATA *WEIGHT* (KG.)	RAPPORTO *RATIO???*	PULEGGIA *PULLEY*	FUNE *ROPE*	L	L1	H	H1	P	PZ *PCS*
1700/A	A30	30	1:1	190	1,8 mm	48	38	98	87	39	20
1700/B	B40	40	1:1	190	2,4 mm	67	56	108	96	29	20
1700/C	B50	50	1:1	210	2,4 mm	70	50	139	120	54	20
1700/D	C80	80	1:2	210	3 mm	80	68	135	125	46	20
1700/E	C100	100	1:2,5	210	3 mm	80	68	135	125	46	20
1700/F	C100P	100	1:2,5	210	3 mm	80	68	169	158	68	20

CASSETTA PER ARGANELLO BGM

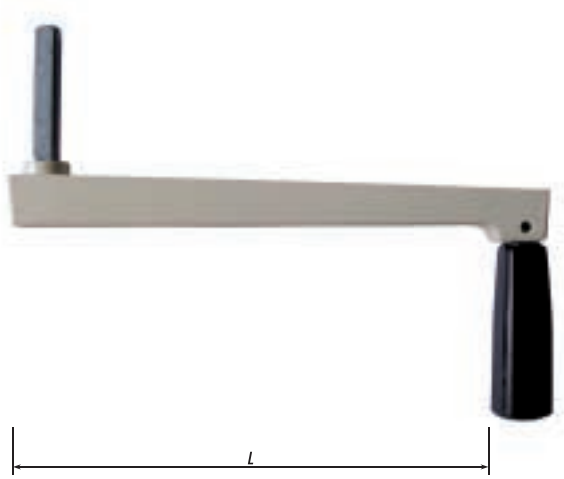
BOX FOR INSIDE ROPE WINCH BGM



CODICE *ITEM*	TIPO *TYPE*	L	H	P	DA UTILIZZARE CON ARGANO *USE WITH INSIDE ROPE WINCH*	MATERIALE *MATERIAL*	PZ *PCS*
1702	A30	60	102	35	1700/A	FERRO - *STEEL*	20
1702/A	B40	72	111	37	1700/B	FERRO - *STEEL*	20
1702/B	B50	75	144	62	1700/C	FERRO - *STEEL*	20
1702/C	C80/C100	85	140	52	1700/D - 1700/E	ZAMA - *ZAMAC*	20
1702/D	C100G	84	175	77	1700/F	FERRO - *STEEL*	20

MANOVELLA PER ARGANO BGM

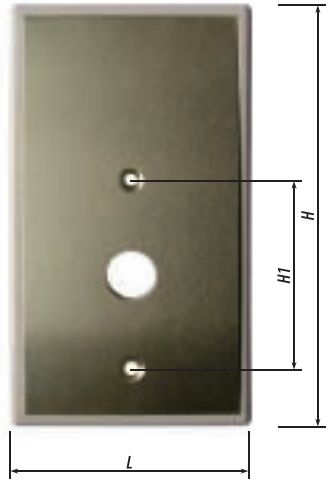
HANDLE FOR WINCH BGM



CODICE *ITEM*	L	SEZIONE *SECTION*	COLORE *COLOR*	MATERIALE *MATERIAL*	PZ *PCS*
1704	120	QUADRO 8 - *SQUARE 8*	AVORIO - *IVORY*	ALLUMINIO - *ALUMINIUM*	20
1705	160	QUADRO 8 - *SQUARE 8*	AVORIO - *IVORY*	ALLUMINIO - *ALUMINIUM*	20

PLACCA PER ARGANELLO BGM

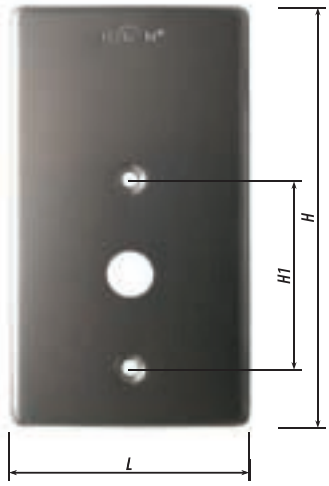
COVERING PLATE FOR INSIDE ROPE WINCH BGM



CODICE *ITEM*	TIPO *TYPE*	L	H	H1	COLORE *COLOR*	MATERIALE *MATERIAL*	PZ *PCS*
1701	A30	70	120	60	AVORIO - *IVORY*	PLASTICA - *PLASTIC*	20
1701/B	B40/B50	90	160	68	AVORIO - *IVORY*	PLASTICA - *PLASTIC*	20
1701/C	C80/C100/C100P	99	186	119	AVORIO - *IVORY*	PLASTICA - *PLASTIC*	20

PLACCA PER ARGANELLO BGM

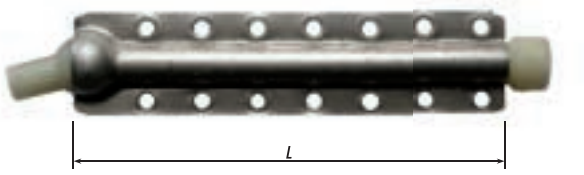
COVERING PLATE FOR INSIDE ROPE WINCH BGM



CODICE *ITEM*	TIPO *TYPE*	L	H	H1	COLORE *COLOR*	MATERIALE *MATERIAL*	PZ *PCS*
1701/ALAA	A30	70	120	60	ARGENTO - *SILVER*	ALLUMINIO - *ALUMINIUM*	20
1701/ALAB	B40/B50	90	160	68	ARGENTO - *SILVER*	ALLUMINIO - *ALUMINIUM*	20
1701/ALAC	C80/C100/C100P	99	186	119	ARGENTO - *SILVER*	ALLUMINIO - *ALUMINIUM*	20
1701/ALAO	A30	70	120	60	BRONZO - *BRONZE*	ALLUMINIO - *ALUMINIUM*	20
1701/ALOB	B40/B50	90	160	68	BRONZO - *BRONZE*	ALLUMINIO - *ALUMINIUM*	20
1701/ALOC	C80/C100/C100P	99	186	119	BRONZO - *BRONZE*	ALLUMINIO - *ALUMINIUM*	20

TERMINALE GUIDAFUNE

TERMINAL ROPE GUIDE



. Materiale: ferro zincato con terminali in nylon
. *Material: galvanised steel with nylon terminals*

CODICE *ITEM*	L	NOTE *NOTES*	PZ *PCS*
1706	140	-	100
1706/G	140	CON DADO - *WITH SCREW*	100

GUIDAFUNE

ROPE GUIDE



CODICE *ITEM*	MATERIALE *MATERIAL*	PZ *PCS*
1076/A	NYLON - *NYLON*	50

FUNE METALLICA

ROPE



CODICE *ITEM*	DIAMETRO *DIAMETER*	METRI PER CF *METERS PACK*	MATERIALE *MATERIAL*	PZ *PCS*
1707	1,8	100 ML	ACCIAIO - *STEEL*	10
1707/A	1,8	10 ML	ACCIAIO - *STEEL*	100
1707/B	1,8	5 ML	ACCIAIO - *STEEL*	100
1708	2,4	100 ML	ACCIAIO - *STEEL*	10
1708/A	2,4	10 ML	ACCIAIO - *STEEL*	100
1708/B	2,4	5 ML	ACCIAIO - *STEEL*	100
1709	3	100 ML	ACCIAIO - *STEEL*	10
1709/A	3	10 ML	ACCIAIO - *STEEL*	100
1709/B	3	5 ML	ACCIAIO - *STEEL*	100

TUBETTO DI PROTEZIONE

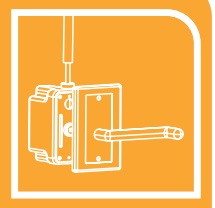
PROTECTION TUBE

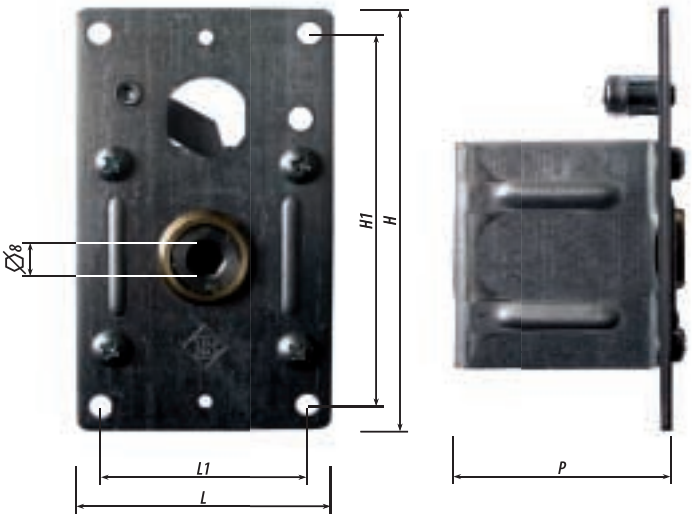


CODICE *ITEM*	L	MATERIALE *MATERIAL*	PZ *PCS*
TUBO	1800 MM	PLASTICA - *PLASTIC 14X1 MM*	50

ARGANELLO A FUNE "TIPO C" 40 KG PER FINESTRA

OUTSIDE ROPE WINCH "TYPE C" 40 KG FOR WINDOW

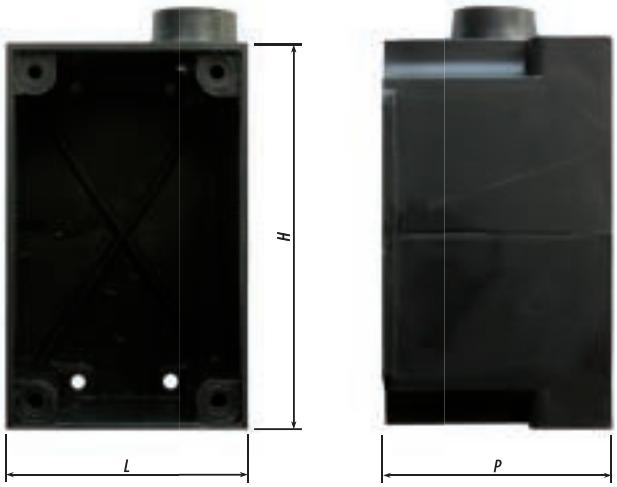




CODICE *ITEM*	FUNE *ROPE*	L	L1	H	H1	P	PZ *PCS*
1700/G	2,4 MM	67	54	110	98	67	25

CASSETTA PER ARGANELLO A FUNE "TIPO C" 40 KG

BOX FOR OUTSIDE ROPE WINCH "TYPE C" 40 KG



CODICE *ITEM*	L	H	P	MATERIALE *MATERIAL*	DA UTILIZZARE CON ARGANO *USE WITH INSIDE ROPE WINCH*	PZ *PCS*
1702/E	72	116	67	PVC	1700/G	25

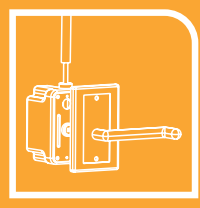
KIT ARGANO A FUNE "TIPO C" PER FINESTRA

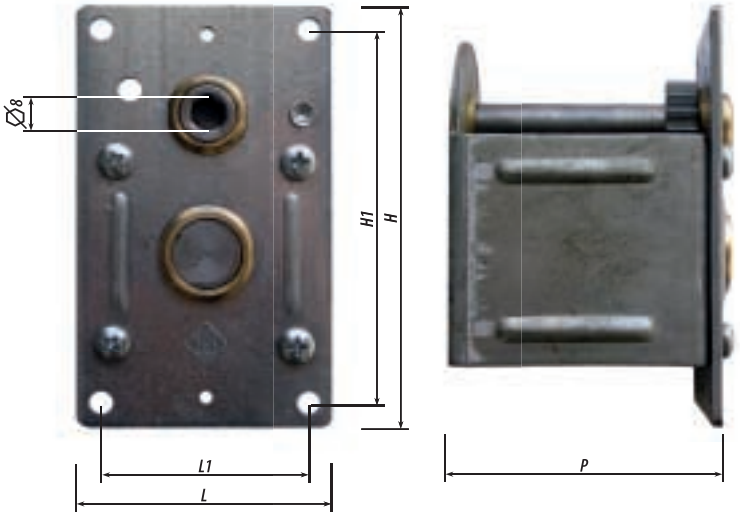
KIT OUTSIDE ROPE WINCH "TYPE C" FOR WINDOW

CODICE *ITEM*	KIT COMPLETO *COMPLETE KIT*	CONFEZIONE *PACKAGING*
1711	1-ART. 1700/G ARGANO A FUNE TIPO C - *OUTSIDE ROPE WINCH TYPE C* 2-ART. 1702/E CASSETTA PVC - *PVC BOX* 3-ART. 1706 GUIDAFUNE - *ROPE GUIDE* 4-ART. 1708 FUNE METALLICA MT. 5,00 - *ROPE MT.5,00* 5-ART. TUBETTO DI PROTEZIONE MT. 1,8 - *PROTECTION TUBE MT.1,8*	20

ARGANELLO A FUNE "TIPO R" 70 KG PER BALCONE

OUTSIDE ROPE WINCH "TYPE R" 40 KG FOR BALCONY

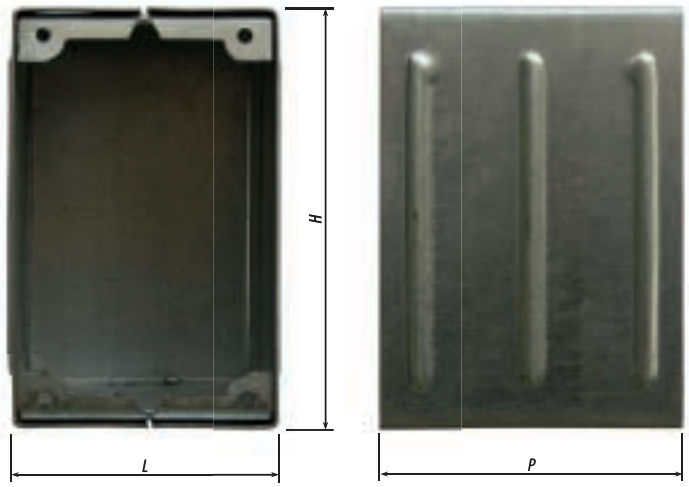




CODICE *ITEM*	FUNE *ROPE*	L	L1	H	H1	P	PZ *PCS*
1700/H	2,4 MM	67	54	110	98	71	25

CASSETTA PER ARGANELLO A "FUNE TIPO R" 70 KG PER BALCONE

BOX FOR OUTSIDE ROPE WINCH "TYPE R" 70 KG FOR BALCONY



CODICE *ITEM*	L	H	P	MATERIALE *MATERIAL*	DA UTILIZZARE CON ARGANO *USE WITH INSIDE ROPE WINCH*	PZ *PCS*
1702/F	70	113	80	FERRO - *STEEL*	1700/H	25

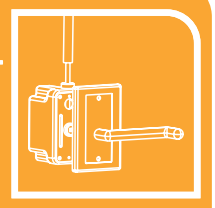
KIT ARGANO A FUNE "TIPO R"

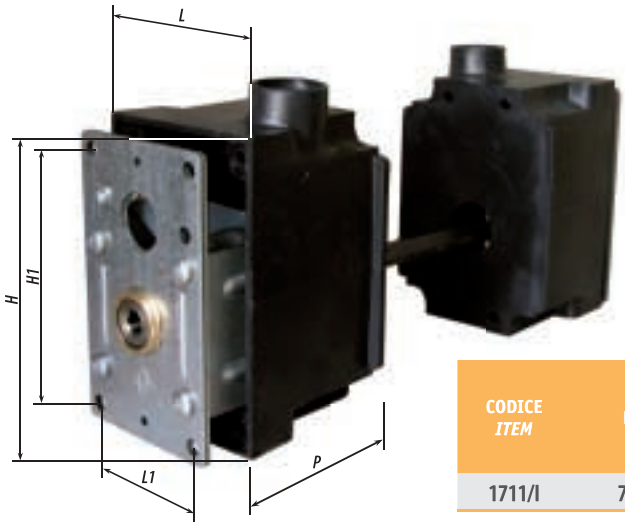
KIT OUTSIDE ROPE WINCH "TYPE R"

CODICE *ITEM*	KIT COMPLETO *COMPLETE KIT*	CONFEZIONE *PACKAGING*
1711/A	1-ART. 1700/H ARGANO A FUNE TIPO R - *OUTSIDE ROPE WINCH TYPE R* 2-ART. 1702/F CASSETTA FERRO - STEEL BOX 3-ART. 1706 GUIDAFUNE - *ROPE GUIDE* 4-ART. 1708 FUNE METALLICA MT. 7,00 - *ROPE MT.7,00* 5-ART. TUBETTO DI PROTEZIONE MT. 1,8 - *PROTECTION TUBE MT.1,8*	20

ARGANELLO A FUNE "TIPO C" DOPPIO COMANDO 40 KG

OUTSIDE ROPE WINCH "TYPE C" DUAL CONTROL 40 KG

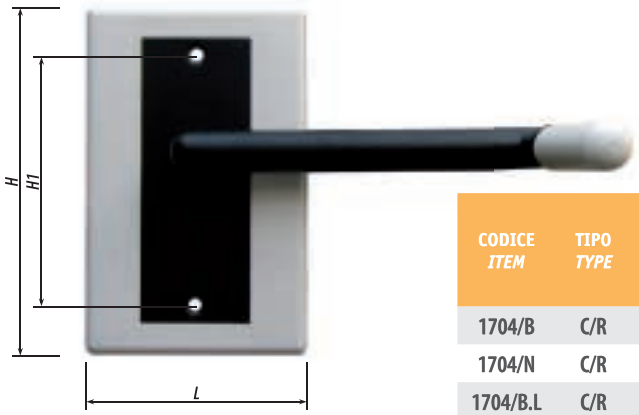




CODICE *ITEM*	L	LI	H	HI	P	ESAGONO *EXAGON*	PZ *PCS*
1711/I	71	54	115	98	67	8	10

KIT PLACCA + MANOVELLA

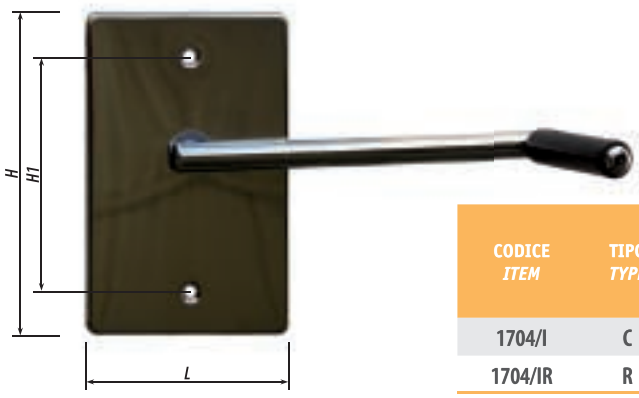
KIT COVERING PLATE + HANDLE



CODICE *ITEM*	TIPO *TYPE*	L	H	H1	PERNO *PIVOT*	COLORE *COLOR*	MATERIALE *MATERIAL*	PZ *PCS*
1704/B	C/R	85	133	95	30	BIANCO - *WHITE*	PLASTIC - *PLASTIC*	20
1704/N	C/R	85	133	95	30	NERO - *BLACK*	PLASTIC - *PLASTIC*	20
1704/B.L	C/R	85	133	95	90	BIANCO - *WHITE*	PLASTIC - *PLASTIC*	20
1704/N.L	C/R	85	133	95	90	NERO - *BLACK*	PLASTIC - *PLASTIC*	20
1704/C	C	83	130	95	30	ZINCATO - *GALVANISED*	FERRO ZINCATO - *GALVANISED STEEL*	20
1704/CR	R	83	130	95	30	ZINCATO - *GALVANISED*	FERRO ZINCATO - *GALVANISED STEEL*	20

KIT PLACCA + MANOVELLA INOX

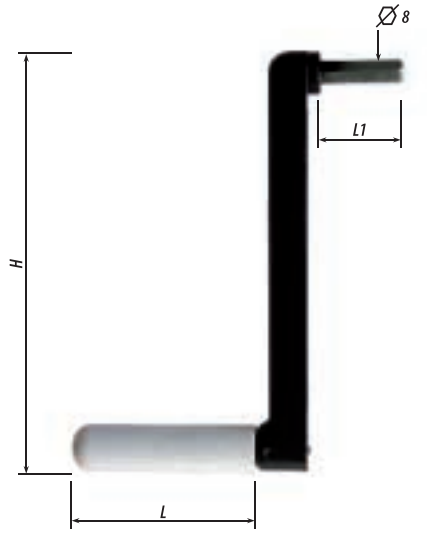
KIT COVERING PLATE + HANDLE STAINLESS STEEL



CODICE *ITEM*	TIPO *TYPE*	L	H	H1	COLORE *COLOR*	MATERIALE *MATERIAL*	PZ *PCS*
1704/I	C	83	130	95	INOX - *STAINLESS STEEL*	INOX - *STAINLESS STEEL*	20
1704/IR	R	83	130	95	INOX - *STAINLESS STEEL*	INOX - *STAINLESS STEEL*	20

MANOVELLA STANDARD

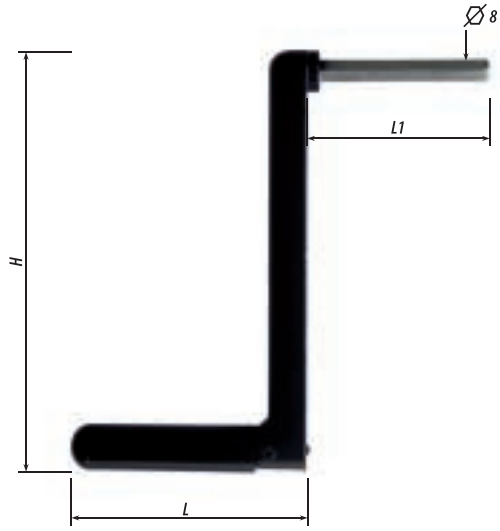
HANDLE STANDARD



CODICE *ITEM*	L	H	L1	COLORE *COLOR*	ESAGONO *EXAGON*	PZ *PCS*
1704/B30	68	140	30	BIANCO - *WHITE*	8	50
1704/N30	68	140	30	NERO - *BLACK*	8	50

MANOVELLA STANDARD

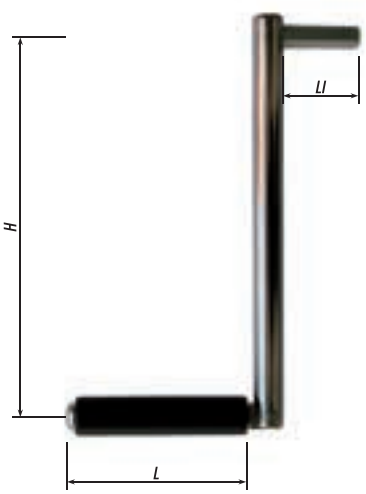
HANDLE STANDARD



CODICE *ITEM*	L	H	L1	COLORE *COLOR*	ESAGONO *EXAGON*	PZ *PCS*
1704/B90	68	140	60	BIANCO - *WHITE*	8	50
1704/N90	68	140	60	NERO - *BLACK*	8	50

MANOVELLA

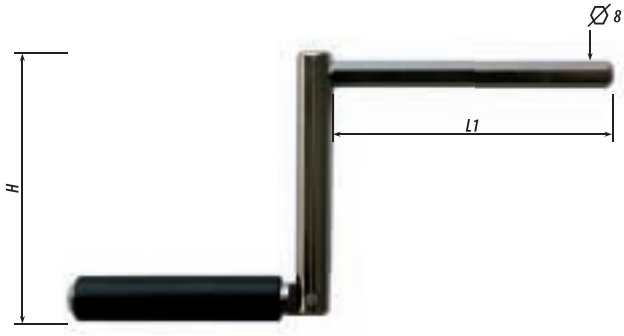
HANDLE



CODICE *ITEM*	L	H	L1	COLORE *COLOR*	SEZIONE *SECTION*	PZ *PCS*
1704/A	68	140	30	CROMATA - *CHROMIUM*	QUADRO 8 - *SQUARE 8*	50
1704/AES	68	140	30	CROMATA - *CHROMIUM*	ESAGONO 8 - *EXAGONAL 8*	50

MANOVELLA GAMBO CORTO

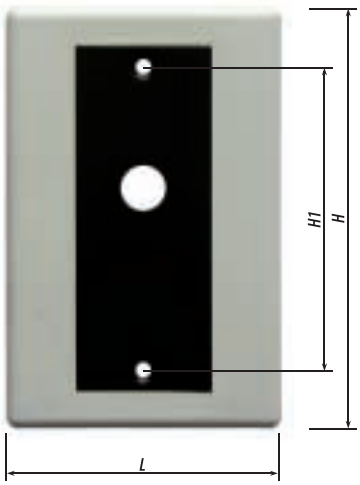
HANDLE SHORT TYPE



CODICE *ITEM*	H	L1	SEZIONE *SECTION*	COLORE *COLOR*	PZ *PCS*
1704/AE	75	90	ESAGONO 8 - *EXAGONAL 8*	CROMATA - *CHROMIUM*	50

PLACCA PER ARGANELLO "TIPO C/R"

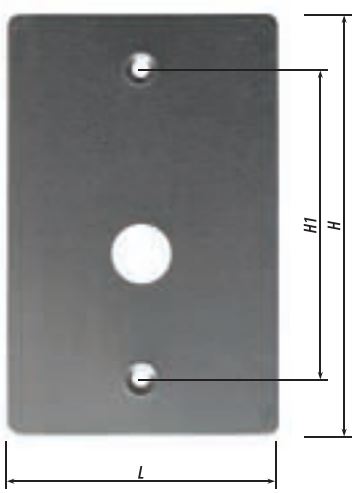
COVERING PLATE FOR INSIDE ROPE WINCH "TYPE C/R"



CODICE *ITEM*	TIPO *TYPE*	L	H	H1	COLORE *COLOR*	MATERIALE *MATERIAL*	PZ *PCS*
1701/ABC	C	85	133	95	BIANCO - *WHITE*	PLASTICA - *PLASTIC*	20
1701/NBC	C	85	133	95	NERA - *BLACK*	PLASTICA - *PLASTIC*	20
1701/ABC.R	R	85	133	95	BIANCO - *WHITE*	PLASTICA - *PLASTIC*	20
1701/NBC.R	R	85	133	95	NERA - *BLACK*	PLASTICA - *PLASTIC*	20

PLACCA PER ARGANELLO "TIPO C/R"

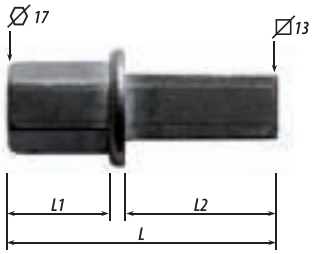
COVERING PLATE FOR INSIDE ROPE WINCH "TYPE C/R"



CODICE *ITEM*	TIPO *TYPE*	L	H	H1	MATERIALE *MATERIAL*	PZ *PCS*
1701/ZN	C	83	130	95	FERRO ZINCATO - *GALVANISED STEEL*	20
1701/ZNR	R	83	130	95	FERRO ZINCATO - *GALVANISED STEEL*	20
1701/I	C	83	130	95	INOX - *STAINLESS STEEL*	20
1701/IR	R	83	130	95	INOX - *STAINLESS STEEL*	20

INSERTO PER ARGANO

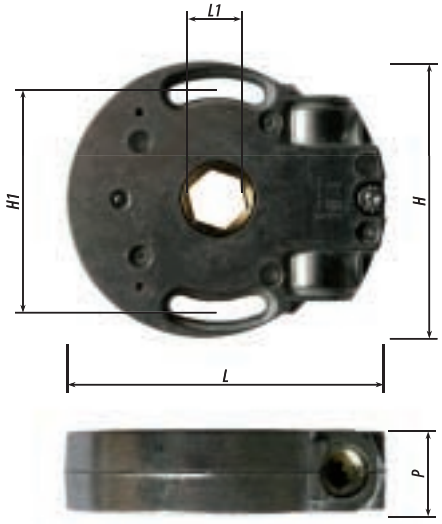
PIVOT FOR HANDLE WINCH



CODICE *ITEM*	L	L1	L2	H QUADRO *H SQUARE*	H ESAGONO *H EXAGON*	PZ *PCS*
1289	53	20	30	13	17	25

ARGANO AD ASTA IN ZAMA COMPLETO DI INSERTO

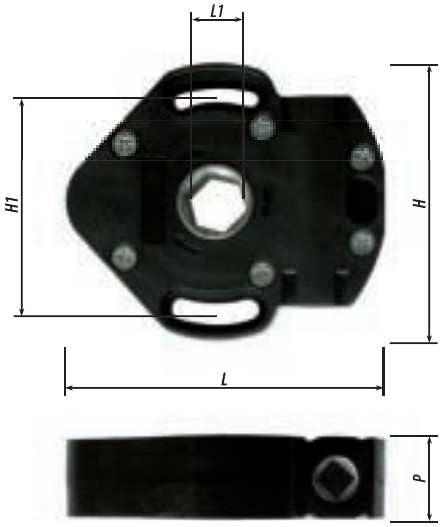
HANDLE WINCH COMPLETE WITH PIVOT



CODICE *ITEM*	PORTATA *WEIGHT* (KG.)	RAPPORTO *RATIO*	L	L1	H	H1	P	SEZIONE *SECTION*	PZ *PCS*
1290	20	1:5	94	17	81	63	23	QUADRO 8 - *SQUARE 8*	25
1291	25	1:7	94	17	81	63	23	QUADRO 8 - *SQUARE 8*	25
1292	35	1:11	94	17	81	63	23	QUADRO 8 - *SQUARE 8*	25
1290/E	20	1:5	94	17	81	63	23	ESAGONO 7 - *HEXAGON 7*	25
1291/E	25	1:7	94	17	81	63	23	ESAGONO 7 - *HEXAGON 7*	25
1292/E	35	1:11	94	17	81	63	23	ESAGONO 7 - *HEXAGON 7*	25

ARGANO AD ASTA IN PVC COMPLETO DI INSERTO

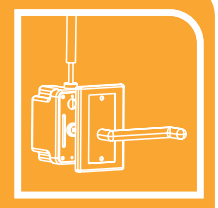
HANDLE WINCH PVC COMPLETE WITH PIVOT

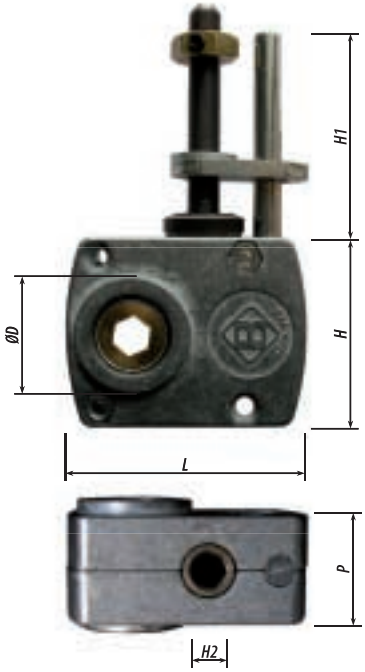


CODICE *ITEM*	PORTATA *WEIGHT* (KG.)	RAPPORTO *RATIO*	L	L1	H	H1	P	SEZIONE *SECTION*	PZ *PCS*
1390/H	20	1:5	94	17	81	63	23	QUADRO 8 - *SQUARE 8*	25
1390/F	25	1:8	94	17	81	63	23	QUADRO 8 - *SQUARE 8*	25
1390/E	35	1:11	94	17	81	63	23	QUADRO 8 - *SQUARE 8*	25
1390/HE	20	1:5	94	17	81	63	23	ESAGONO 7 - *HEXAGON 7*	25
1390/FE	25	1:8	94	17	81	63	23	ESAGONO 7 - *HEXAGON 7*	25
1390/EE	35	1:11	94	17	81	63	23	ESAGONO 7 - *HEXAGON 7*	25

ARGANO AD ASTA OSCILLANTE "TIPO B"

OSCILLATOR HANDLE WINCH "TYPE B"





CODICE *ITEM*	PORTATA *WEIGHT* (KG.)	RAPPORTO *RATIO*	L	DIAMETRO *DIAMETER* (ØD)	H	H1	H ESAGONO *H EXAGON*	P	H2	PZ *PCS*
1390/ABC	30	1:8	82	40	65	80	10	35	10	20

ARGANO AD ASTA OSCILLANTE "TIPO B"

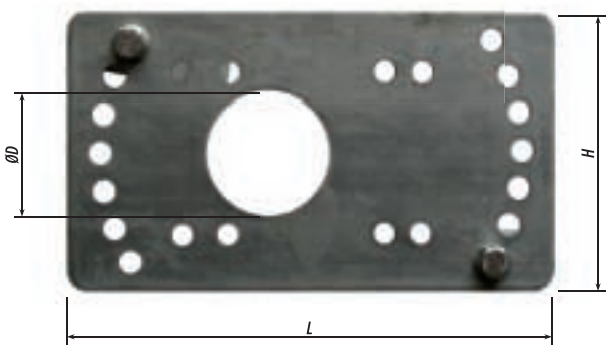
OSCILLATOR HANDLE WINCH "TYPE B"



CODICE *ITEM*	PORTATA *WEIGHT* (KG.)	RAPPORTO *RATIO*	L	DIAMETRO *DIAMETER* (ØD)	H	H1	H ESAGONO *H EXAGON*	P	H2	PZ *PCS*
1390/BBC	70	1:16	109	40	65	133	10	35	10	20

PIASTRA DI FISSAGGIO PER ARGANELLO OSCILLANTE

PLATE FOR OSCILLATOR HANDLE WINCH



CODICE *ITEM*	RAPPORTO *RATIO*	L	DIAMETRO *DIAMETER* (ØD)	H	PZ *PCS*
1105/ABC	1:16	160	40,2	90	20

ISTRUZIONI DI MONTAGGIO PER ARGANI A FUNE METALLICA
ASSEMBLY INSTRUCTIONS OF WINCHES

L'argano non deve essere murato vicino agli angoli o qualsiasi sporgenza che impedirebbe la rotazione della manovella.
Per consentire un'ottimale scorrevolezza del cavo metallico, l'argano, il tubetto di protezione, lo snodo e la puleggia devono essere allineati.
1. Installare nel cassonetto la puleggia a fune con il rullo;
2. Murare la cassetta a 90 cm dal pavimento e a filo muro. Invece se deve essere rivestito l'intonaco, la cassetta deve essere leggermente sporgente;
3. Murare il tubetto di protezione del cavo metallico e lo snodo orientandolo verso il centro della puleggia;
4. Avvolgere la tapparella attorno al rullo;
5. Avvolgere la puleggia nel cavo metallico per due giri, prima di fissarlo;
6. Per fare in modo che il cavo metallico si avvolga sulla puleggia fare scendere completamente la tapparella;
7. Tagliare il cavo metallico 10 cm al di sotto dell'argano avvolgendo l'estremità con del nastro adesivo per evitare che si strecci;
8. Inserire il cavo metallico nello snodo, e nel tubetto di protezione e fissare l'estremità nel foro del rocchetto interno all'arganello;
Bloccare con la relativa vite;
9. Fissare il blocco metallico nella cassetta precedentemente murata in modo tale che l'argano entri perfettamente nella propria sede, prima di avvitarlo. E' molto importante che l'argano sia scorrevole nelle relative guide; fissare la placca;
10. Controllare il funzionamento dell'argano girando la manovella in senso orario per alzare la tapparella. Poi fare scendere la tapparella fino in fondo per controllare il finecorsa, girando sempre in senso antiorario. Se la manovra si blocca significa che l'argano è stato montato correttamente.

The winch don't be wall near conners or other obstacle preventing the turning of the handle; For a correct smoothness of the rope the accessories must be placed on the same line.
1. Put the reel with the pulley into the box;
2. Wall the box at 90 cm from the floor but if the wall must be covered with tiles keeping it close to the wall;
3. Wall the rope and the joint in the middle of the pulley;
4. Roll the rolling shutter completely close;
5. Fix the rope into the pulley winding it two times;
6. Roll the rolling shutter completely down, when the rope is winded on the pulley;
7. Cut the rope at 10 cm below the housing box of the winch.
Cover the rope with some adhesive to prevent the frayng;
8. Put the rope into the joint and into the protection tube and fix the head into its housing folding. Fix with the screw;
9. Fix the winch into the walled housing with the screw; it is important that the winch must slide perfectly into its prifiles;
10. Check the correct works of the winch turning the handle clockwiseto lift the rolling shutter. Then unwind the shutter and turn the handle. If the working is blocked the winch is correctly assembly.

ISTRUZIONI DI MONTAGGIO PER ARGANI AD ASTA
ASSEMBLY INSTRUCTIONS OF HANDLE WINCHES

1. Prima di montare l'argano verificare che la portata sia sufficiente per sollevare la tapparella.
2. A tapparella abbassata, prima di agganciare la tapparella al rullo, verificare il corretto funzionamento dell'argano.
3. Il finecorsa interno funziona quando la tapparella è completamente abbassata.

1. Before assembly the handle winch make sure that it be enough to lift the shutter.
2. When the Shutter is completly low, before fixing the shutter to the reel, verify the correct working of the handle winch.
3. The inner end winch working when the shutter is lowered.

NOTE .....