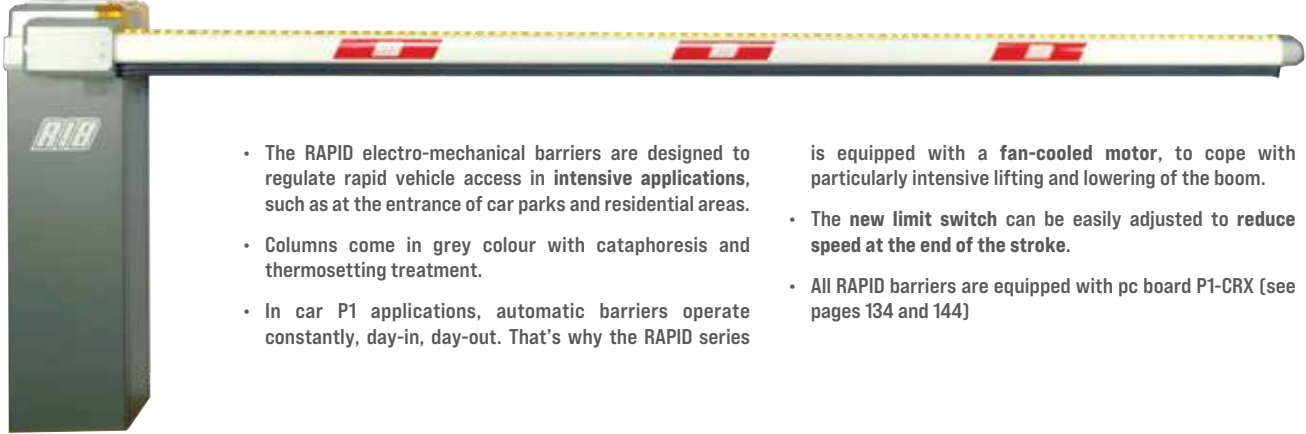


RAPID

AUTOMATIC BARRIER
FOR ACCESS CONTROL



- The RAPID electro-mechanical barriers are designed to regulate rapid vehicle access in **intensive applications**, such as at the entrance of car parks and residential areas.
- Columns come in grey colour with cataphoresis and thermosetting treatment.
- In car P1 applications, automatic barriers operate constantly, day-in, day-out. That's why the RAPID series

is equipped with a **fan-cooled motor**, to cope with particularly intensive lifting and lowering of the boom.

- The new limit switch can be easily adjusted to **reduce speed at the end of the stroke**.
- All RAPID barriers are equipped with pc board P1-CRX (see pages 134 and 144)

FOR BOOM UP TO 4 m LONG - OPENS IN 2,5 ÷ 3 SECONDS

AA50130 RAPID S [needs base plate, springs, 3 or 4 m boom arm, hub and stickers]

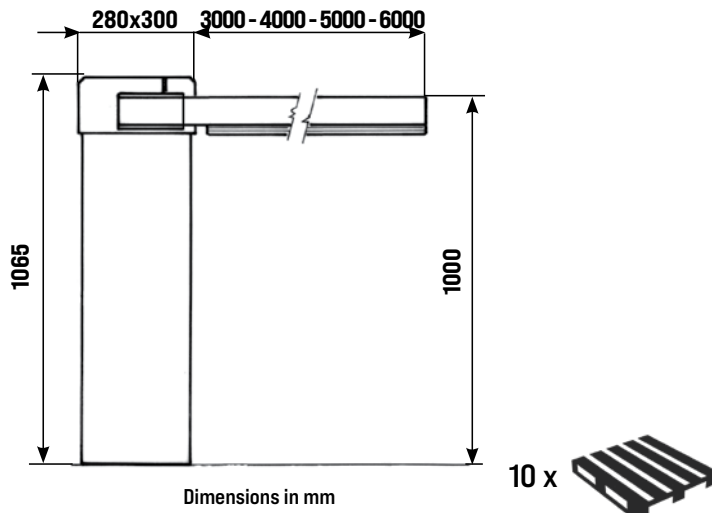
FOR BOOM UP TO 5 - 6* m LONG - OPENS IN 6 SECONDS

AA50140 RAPID N [needs base plate, springs, 3, 4, 5 or 6* m boom arm, hub and stickers]

* On condition that no extra weight is added on the boom arm (STOP plates, hanging racks, hanging support, FOTOCOSTA, etc.)

GAR0047 Warranty extension 4 years for RAPID

GAR0048 Warranty extension 7 years for RAPID



| TECHNICAL DATA | | RAPID S | RAPID N |
|--------------------------------|----|-----------|----------|
| Max. boom length | m | 3-4 | 3-4-5/6* |
| Opening time | s | 3 | 6 |
| Max. torque | Nm | 80 | 155 |
| Power supply | V | | |
| Power absorbed | A | 1 | 1,07 |
| Actuator weight | kg | 62 | |
| Protection grade | IP | 54 | |
| Operating temperature | °C | -10 ÷ +55 | |
| Daily cycles suggested | | 1200 | 1500 |
| Service | % | 100 | |
| Nr of consecutive cycles guar. | | 1200 | 1500 |

* On condition that no extra weight is added on the boom arm (STOP plates, hanging racks, hanging support, FOTOCOSTA, etc.)



ACCESSORIES FOR RAPID



ACG8110 BASE PLATE



ACG8526 STICKERS
for Ø60 mm and Ø80 mm profile
12 pieces



**ACG9130G FIXED FORK TYPE BOOM
ARM SUPPORT**
for all boom arms



only for RAPID N

ACG8290B HANGING RACK L=2m
Real length 1,63m

ACG8291B HANGING RACK L=3m
Real length 2,55m

max 200 daily cycles



only for RAPID N

**ACG8073G COLUMN WITH
ELECTROMAGNETIC LOCK**
with DEGAUSSER CARD and
transformer
(not for 6 m boom arm)



only for RAPID N

**ACG8285 TELESCOPIC HANGING
SUPPORT**

with height regulation
(680÷1060mm)
(not for 6 m boom arm)



ACG4666 PROBE
for P1-CRX to keep the motor
warm (for prompt start at low
temperatures)

NEW



**ACG8081 Cards for the
synchronization of commands
and safety devices of 2
RAPID operating together -**
Synchronization can only be
activated with RIB GATE App



ACQ9080 1 Relay Card
to obtain a 1 second contact or
supplies for 3 minutes a 40W max
light



ACQ9081 3 Relay Card
to manage courtesy light, traffic
light, electromagnetic lock with
P1-CRX



**ACG9060 METALLIC MASS
DETECTOR**
to open with vehicles
1 channel - 230 Vac



**ACG9063 METALLIC MASS
DETECTOR**
to open with vehicles
1 channel - 12÷24 Vac/dc



**ACG9064 METALLIC MASS
DETECTOR**
to open with vehicles
2 channels - 12÷24 Vac/dc



**ACG9067 PRE-ASSEMBLED
LOOP 6M**
perimeter 2 x 1+15m of cable



**ACG9068 PRE-ASSEMBLED
LOOP 10M**
perimeter 3 x 2+15m of cable

FOTOCOSTA 2.0 - SAFETY STRIP WITH PHOTOCELLS - EN12978 - EN13849-2 PL" c" CAT.2



ACG8611 FOTOCOSTA 2.0 EN 12978
 (panel inside plastic box and stoppers, **PLUS** cables and circuits)
 Add rubber profile ACG7090



ACG7090 RUBBER PROFILE
 with double chamber.
 per m
BATCH OF 50 m

| TECHNICAL DATA |
|---|
| Max. length of profile = 5 m |
| IP 55 electric circuit container |
| 12Vdc power supply [D+/D- terminals] - 24Vac/dc(A*/A terminals) |
| Modulated transmitter with infrared diode |

NOVA PHOTOCELLS

EN 12978 - EN 13849-1 PL" c" CAT2



ACG8047 NOVA WIRELESS
 infrared signal range = 15÷30m
 infrared signal adjustable 180°
 IP44 - 12/24V ac/dc
 batteries not included



ACG8039 PAIR OF COLUMNS
 H = 0,5 m
 for NOVA

It is an EN 12978, EN 13849-1 PL" c" CAT.2 safety device if managed by a RIB pc board equipped with safeties self-test.



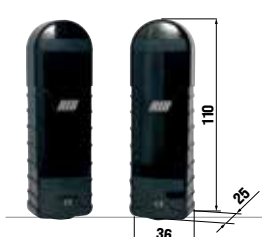
ACG9519 BATTERIE AA
 4 X 1,5V
 with NOVA WIRELESS 3÷4 years of
 batteries life



ACG9509 BATTERIES LITHIO AA
 2 X 1,5V
 with NOVA WIRELESS 4÷5 years
 of batteries life - for extreme
 temperatures -40÷+60° C

FIT SLIM PHOTOCELLS

EN 12978 - EN 13849-1 PL" c" CAT2



ACG8032B FIT SLIM*
 wall mounted
 range 20 m
 IP54 - 12/24V ac/dc



ACG8065 PAIR OF COLUMNS
 H = 0,5 m
 for FIT SLIM ACG8032B

It is an EN 12978, EN 13849-1 PL" c" CAT.2 safety device if managed by a RIB pc board equipped with safeties self-test.

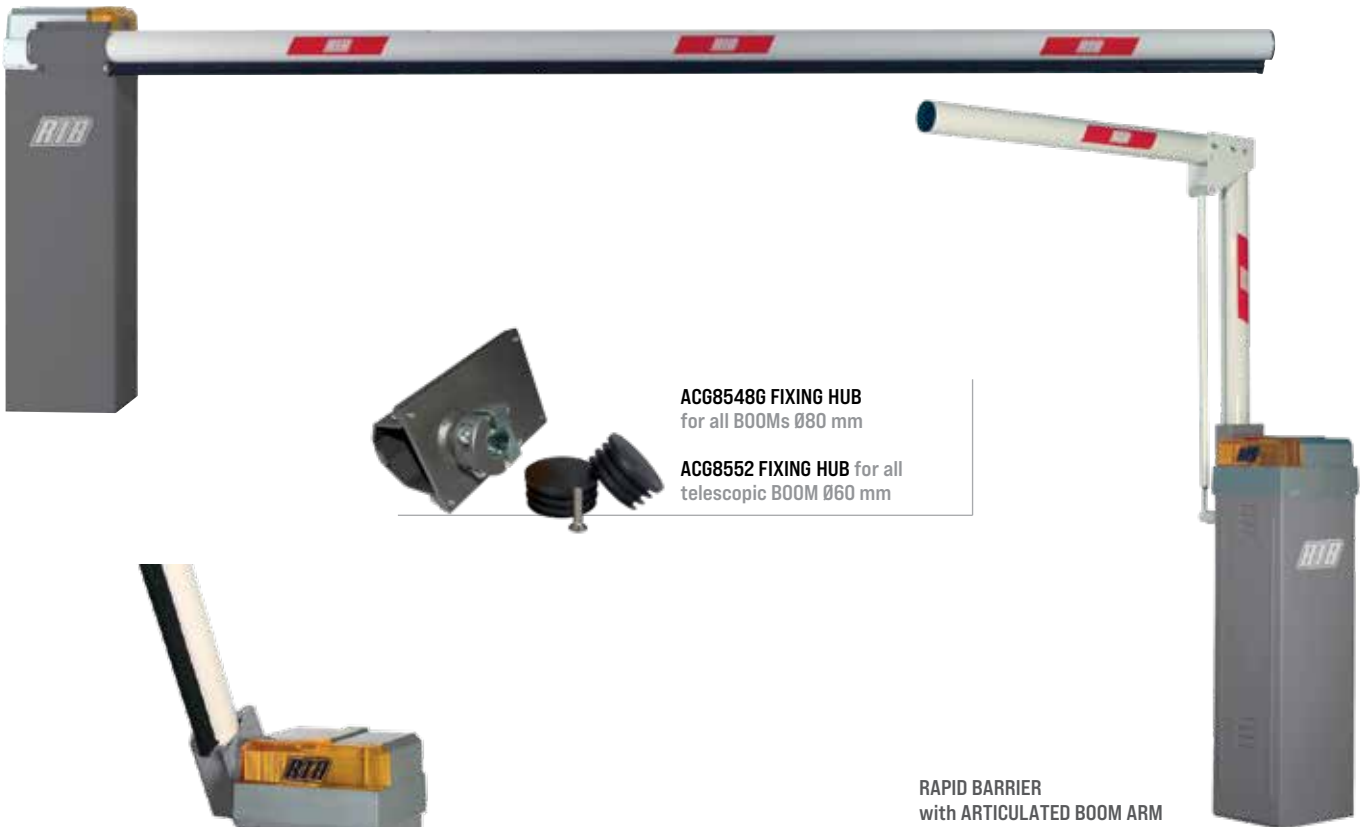
BOOMS FOR RAPID BARRIERS

| | | |
|---------|--|--|
| ACG8501 | RIB BOOM ARM L=3m Ø 80 mm | (needs fixing hub ACG8548G) |
| ACG8517 | TELESCOPIC RIB BOOM ARM L=3m Ø60 mm | (needs the hub ACG8552) in 3 pieces – with caps |
| ACG8223 | RIB ARTICULATED BOOM ARM L=3m Ø80 mm * | (needs fixing hub ACG8548G) |
| ACG8502 | RIB BOOM ARM L=4m Ø 80 mm | (needs the hub ACG8548G) |
| ACG8518 | TELESCOPIC RIB BOOM ARM L=4m Ø60 mm | (needs the hub ACG8552) in 4 pieces – with caps |
| ACG8224 | RIB ARTICULATED BOOM ARM L=4m Ø80 mm * | (needs the hub ACG8548G) |
| ACG8503 | RIB BOOM ARM L=5m Ø80 mm | (needs the hub ACG8548G) |
| ACG8522 | TELESCOPIC RIB BOOM ARM L=5m Ø80 mm | (needs the hub ACG8548G) in 3 pieces – with caps |
| ACG8225 | RIB ARTICULATED BOOM ARM L=5m Ø80 mm * | (needs the hub ACG8548G) |
| ACG8506 | RIB BOOM ARM L=6 m Ø80 mm | (only for RAPID N - needs the hub ACG8548G) |
| ACG8523 | TELESCOPIC RIB BOOM ARM L=6m Ø80 mm | (needs the hub ACG8548G) in 3 pieces – with caps |

* ARTICULATED BOOM ARM: In the order it must be specified the distance between the floor and the ceiling, but also the side of the cabinet where you want to install it.

Maximum height allowed for all articulated boom arms H max = 3 m.

Minimum height allowed for articulated boom arm ACG8223 3m - H min = 2 m / ACG8224 4m - H min = 2.5 m / ACG8225 5m - H min = 3 m



ACG8548G FIXING HUB
for all BOOMs Ø80 mm

ACG8552 FIXING HUB for all
telescopic BOOM Ø60 mm

RAPID BARRIER
with ARTICULATED BOOM ARM

| Example of standard configuration: | | |
|------------------------------------|------------------------------|--|
| 1 AA50130 | RAPID S | |
| 1 ACG8110 | BASE PLATE | |
| 1 ACG8526 | STICKERS | |
| 1 ACG8502 | BOOM ARM L = 4 m Ø 80 mm | |
| 1 ACG8548G | FIXING HUB for BOOMs Ø80 mm | |
| 1 ACG8640 | BALANCING SPRING Ø 4 mm | |
| 2 ACG8641 | BALANCING SPRING Ø 4,5 mm | |
| 1 ACG6052 | SUN 2CH transmitter | |
| 1 ACG8032B | FIT SLIM photocell | |
| 1 ACG8065 | PAIR OF COLUMNS for FIT SLIM | |
| TOTAL | | |

SPRING SELECTION TABLE FOR 3 m LONG BOOM ON RAPID S / N

| BOOM TYPE | CODE | SPRINGS TO ORDER | for |
|--|----------------------------------|-----------------------------|-------------|
| Ø60 mm RIB telescopic boom | ACG8517 | n. 2 ACG8640 | RAPID S - N |
| Ø80 mm RIB Boom | ACG8501 | n. 3 ACG8640 | RAPID S - N |
| Ø80 mm RIB Articulated boom | ACG8223 | * | RAPID S - N |
| Ø80 mm RIB Boom and hanging support | ACG8501+ACG8285 | n. 2 ACG8641 | RAPID N |
| Ø80 mm RIB Boom and fotocosta unit | ACG8501+ACG7090+ACG8611 | n. 2 ACG8641 | RAPID S - N |
| Ø80 mm RIB Boom and fotocosta unit+hanging support | ACG8501+ACG7090+ACG8611+ACG8285 | n. 2 ACG8641 + n. 1 ACG8640 | RAPID N |
| Ø80 mm RIB Boom and hanging rack | ACG8501+ACG8291B | n. 2 ACG8641 | RAPID N |
| Ø80 mm RIB Boom and hanging rack+magnet | ACG8501+ACG8291B+ACG8073G | n. 2 ACG8641 + n. 1 ACG8640 | RAPID N |
| Ø80 mm RIB Boom and hanging rack+hanging support | ACG8501+ACG8291B+ACG8285 | n. 2 ACG8641 + n. 1 ACG8640 | RAPID N |
| Ø80 mm RIB Boom and fotocosta unit+magnet | ACG8501+ACG7090+ACG8611+ACG8073G | n. 2 ACG8641 + n. 1 ACG8640 | RAPID N |
| Ø80 mm RIB Boom and magnet | ACG8501+ACG8073G | n. 2 ACG8641 | RAPID N |

SPRING SELECTION TABLE FOR 4 m LONG BOOM ON RAPID S / N

| BOOM TYPE | CODE | SPRINGS TO ORDER | for |
|--|------------------------------------|-----------------------------|-------------|
| Ø60 mm RIB telescopic boom | ACG8518 | n.3 ACG8640 | RAPID S - N |
| Ø80 mm RIB Boom | ACG8502 | n. 1 ACG8640 + n. 2 ACG8641 | RAPID S - N |
| Ø80 mm RIB Articulated boom | ACG8224 | * | RAPID S - N |
| Ø80 mm RIB Boom and hanging support | ACG8502+ACG8285 | n. 2 ACG8641 + n. 1 ACG8642 | RAPID N |
| Ø80 mm RIB Boom and fotocosta unit | ACG8502+ACG7090+ACG8611 | n. 2 ACG8641 + n. 1 ACG8642 | RAPID S - N |
| Ø80 mm RIB Boom and magnet | ACG8502+ACG8073G | n. 2 ACG8641 + n. 1 ACG8642 | RAPID N |
| Ø80 mm RIB Boom and fotocosta unit+hanging support | ACG8502+ACG7090+ACG8611+ACG8285 | n. 2 ACG8641 + n. 1 ACG8642 | RAPID N |
| Ø80 mm RIB Boom and fotocosta unit+magnet | ACG8502+ACG7090+ACG8611+ACG8073G | n. 2 ACG8641 + n. 1 ACG8642 | RAPID N |
| Ø80 mm RIB Boom and hanging rack | ACG8502+ACG8290B+ACG8290B | n. 3 ACG8641 | RAPID N |
| Ø80 mm RIB Boom and hanging rack+magnet | ACG8502+ACG8290B+ACG8290B+ACG8073G | n. 3 ACG8642 | RAPID N |
| Ø80 mm RIB Boom and hanging rack+hanging support | ACG8502+ACG8290B+ACG8290B+ACG8285 | n. 3 ACG8642 | RAPID N |

SPRING SELECTION TABLE FOR 5 m LONG BOOM ON RAPID N

| BOOM TYPE | CODE | SPRINGS TO ORDER |
|--|------------------------------------|-----------------------------|
| Ø80 mm RIB telescopic boom | ACG8522 | n. 3 ACG8642 |
| Ø80 mm RIB Boom | ACG8503 | n. 3 ACG8642 |
| Ø80 mm RIB Articulated boom | ACG8225 | * |
| Ø80 mm RIB Boom and hanging support | ACG8503+ACG8285 | n. 1 ACG8642 + n. 2 ACG8643 |
| Ø80 mm RIB Boom and fotocosta unit | ACG8503+ACG7090+ACG8611 | n. 1 ACG8642 + n. 2 ACG8643 |
| Ø80 mm RIB Boom and magnet | ACG8503+ACG8073G | n. 1 ACG8642 + n. 2 ACG8643 |
| Ø80 mm RIB Boom and hanging rack | ACG8503+ACG8290B+ACG8291B | n. 1 ACG8642 + n. 2 ACG8643 |
| Ø80 mm RIB Boom and hanging rack+magnet | ACG8503+ACG8290B+ACG8291B+ACG8073G | n. 3 ACG8643 |
| Ø80 mm RIB Boom and hanging rack+hanging support | ACG8503+ACG8290B+ACG8291B+ACG8285 | n. 3 ACG8643 |
| Ø80 mm RIB Boom and fotocosta unit+hanging support | ACG8503+ACG7090+ACG8611+ACG8285 | n. 3 ACG8643 |
| Ø80 mm RIB Boom and fotocosta unit+magnet | ACG8503+ACG7090+ACG8611+ACG8073G | n. 3 ACG8643 |

SPRING SELECTION TABLE FOR 6 m LONG BOOM ON RAPID N

| BOOM TYPE | CODE | SPRINGS TO ORDER |
|----------------------------|------------------|------------------|
| Ø80 mm RIB telescopic boom | ACG8523 | n. 3 ACG8643 |
| Ø80 mm RIB Boom | ACG8506+ACG8548G | n. 3 ACG8643 |

* It may vary according to where the articulated boom arm is divided



BALANCING SPRING

(see table)

- ACG8640 Ø 4 mm
- ACG8641 Ø 4,5 mm
- ACG8642 Ø 5 mm
- ACG8643 Ø 5,5 mm



- Thanks to a special feeder (ABP1001) it is possible to set different modes of flashing, on and off modes:
 1. Lights always on
 2. Lights always on and flashing
 3. Lights on when the motor is activated
 4. Lights on and flashing when the motor is activated
 5. Lights on when the barrier is closed and still, and on and flashing when the barrier is active and the boom arm is moving.
 6. Lights on or lights on and flashing only when the barrier is closed.
- A light sensor can be connected to the Feeder to decide the LED lights functioning according to the light of the day.
- The boom arm can carry the LED lights in the upper part, and the rubber profile ACG7090 or the hanging racks ACG8290B - ACG8291B in lower part.

| Example of standard configuration: | |
|------------------------------------|-------------------------------|
| 1 AA50130 | RAPID S |
| 1 ACG8110 | BASE PLATE |
| 1 ACG8526 | STICKERS |
| 1 ACG1495 | RAPID LED BOOM ARM L = 4 m |
| 1 ACG1500 | LED TUBE |
| 1 ABP1001 | POWER FEEDER for LED LIGHTS |
| 1 ACG1515 | FIXING HUB for RAPID LED BOOM |
| 3 ACG8641 | BALANCING SPRING Ø 4,5 mm |
| 1 ACG6052 | SUN 2CH transmitter |
| 1 ACG8032B | FIT SLIM photocell |
| 1 ACG8065 | PAIR OF COLUMNS for FIT SLIM |
| TOTAL | |

BOOMS WITH LEDS FOR RAPID BARRIERS

| | |
|---------|--|
| ACG1494 | RAPID LED BOOM ARM L = 3 m with LED protection |
| ACG1495 | RAPID LED BOOM ARM L = 4 m with LED protection |
| ACG1496 | RAPID LED BOOM ARM L = 5 m with LED protection |
| ACG1497 | RAPID LED BOOM ARM L = 6 m with LED protection |



ABP1001 POWER FEEDER for LED LIGHTS



ACG1500 LED TUBE
7.5m LONG COIL



ACG1515 FIXING HUB for RAPID LED BOOM



ACG1510 LIGHT SENSOR for LED LIGHTS

TABLE FOR SPRING SELECTION OF A 3 m - LONG BOOM WITH LED TUBE (RAPID S and RAPID N)

| BOOM TYPE | CODE | SPRINGS TO ORDER | for |
|---|----------------------------------|-----------------------------|-------------|
| Boom with LED tube | ACG1494 | n. 3 ACG8640 | RAPID S - N |
| Boom with LED tube and hanging support | ACG1494+ACG8285 | n. 2 ACG8641 | RAPID N |
| Boom with LED tube and fotocosta unit | ACG1494+ACG7090+ACG8611 | n. 2 ACG8641 | RAPID S - N |
| Boom with LED tube and magnet | ACG1494+ACG8073G | n. 2 ACG8641 | RAPID N |
| Boom with LED tube and fotocosta unit+hanging support | ACG1494+ACG7090+ACG8611+ACG8285 | n. 2 ACG8641 + n. 1 ACG8640 | RAPID N |
| Boom with LED tube and fotocosta unit+magnet | ACG1494+ACG7090+ACG8611+ACG8073G | n. 2 ACG8641 + n. 1 ACG8640 | RAPID N |
| Boom with LED tube and hanging rack | ACG1494+ACG8291B | n. 2 ACG8641 | RAPID N |
| Boom with LED tube and hanging rack+magnet | ACG1494+ACG8291B+ACG8073G | n. 2 ACG8641 + n. 1 ACG8640 | RAPID N |
| Boom with LED tube and hanging rack+hanging support | ACG1494+ACG8291B+ACG8285 | n. 2 ACG8641 + n. 1 ACG8640 | RAPID N |

TABLE FOR SPRING SELECTION OF A 4 m - LONG BOOM WITH LED TUBE (RAPID S e RAPID N)

| BOOM TYPE | CODE | SPRINGS TO ORDER | for |
|---|------------------------------------|-----------------------------|-------------|
| Boom with LED tube | ACG1495 | n. 3 ACG8641 | RAPID S - N |
| Boom with LED tube and hanging support | ACG1495+ACG8285 | n. 2 ACG8641 + n. 1 ACG8642 | RAPID N |
| Boom with LED tube and fotocosta unit | ACG1495+ACG7090+ACG8611 | n. 2 ACG8641 + n. 1 ACG8642 | RAPID S - N |
| Boom with LED tube and magnet | ACG1495+ACG8073G | n. 2 ACG8641 + n. 1 ACG8642 | RAPID N |
| Boom with LED tube and fotocosta unit+hanging support | ACG1495+ACG7090+ACG8611+ACG8285 | n. 1 ACG8641 + n. 2 ACG8642 | RAPID N |
| Boom with LED tube and fotocosta unit+magnet | ACG1495+ACG7090+ACG8611+ACG8073G | n. 1 ACG8641 + n. 2 ACG8642 | RAPID N |
| Boom with LED tube and hanging rack | ACG1495+ACG8290B+ACG8290B | n. 1 ACG8641 + n. 2 ACG8642 | RAPID N |
| Boom with LED tube and hanging rack+magnet | ACG1495+ACG8290B+ACG8290B+ACG8073G | n. 1 ACG8641 + n. 2 ACG8642 | RAPID N |
| Boom with LED tube and hanging rack+hanging support | ACG1495+ACG8290B+ACG8290B+ACG8285 | n. 1 ACG8641 + n. 2 ACG8642 | RAPID N |

TABLE FOR SPRING SELECTION OF A 5 m - LONG BOOM WITH LED TUBE (RAPID N only)

| BOOM TYPE | CODE | SPRINGS TO ORDER |
|---|------------------------------------|------------------|
| Boom with LED tube | ACG1496 | n. 3 ACG8643 |
| Boom with LED tube and hanging support | ACG1496+ACG8285 | n. 3 ACG8643 |
| Boom with LED tube and fotocosta unit | ACG1496+ACG7090+ACG8611 | n. 3 ACG8643 |
| Boom with LED tube and magnet | ACG1496+ACG8073G | n. 3 ACG8643 |
| Boom with LED tube and fotocosta unit+hanging support | ACG1496+ACG7090+ACG8611+ACG8285 | n. 3 ACG8643 |
| Boom with LED tube and fotocosta unit+magnet | ACG1496+ACG7090+ACG8611+ACG8073G | n. 3 ACG8643 |
| Boom with LED tube and hanging rack | ACG1496+ACG8290B+ACG8291B | n. 3 ACG8643 |
| Boom with LED tube and hanging rack+magnet | ACG1496+ACG8290B+ACG8291B+ACG8073G | n. 3 ACG8643 |
| Boom with LED tube and hanging rack+hanging support | ACG1496+ACG8290B+ACG8291B+ACG8285 | n. 3 ACG8643 |

TABLE FOR SPRING SELECTION OF A 6 m - LONG BOOM WITH LED TUBE (RAPID N only)

| BOOM TYPE | CODE | SPRINGS TO ORDER |
|--------------------|---------|------------------|
| Boom with LED tube | ACG1497 | n. 3 ACG8643 |


BALANCING SPRING
(see table)

- ACG8640 Ø 4 mm
- ACG8641 Ø 4,5 mm
- ACG8642 Ø 5 mm
- ACG8643 Ø 5,5 mm