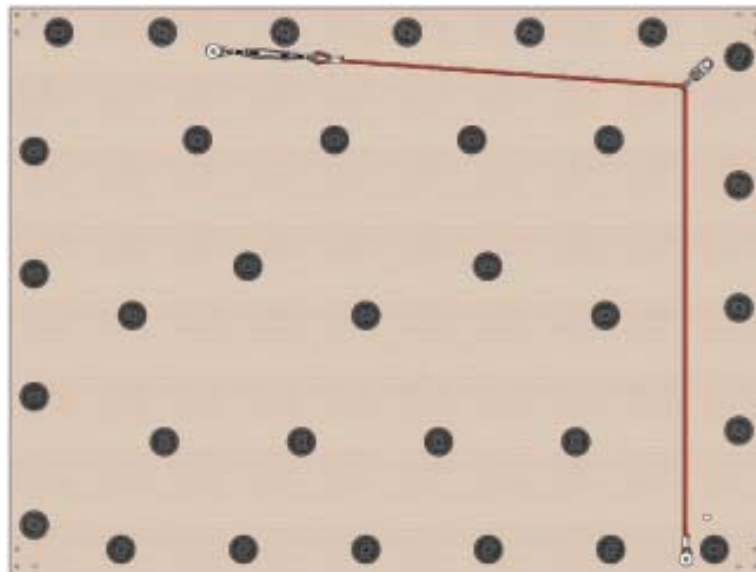


**STOPPER CABLES AND ANTI-ROTATION KITS FOR
EXERCISE FLOORS WITH SPRINGS M'13****6529/00
6529D**KEEP THIS
DOCUMENT**Warning:**

This equipment should be installed by a qualified individual. Attachments that are provided with these kits may only be used if the support complies with the **CC78** specifications. Using this equipment for purposes other than those originally intended is forbidden.

Recommendations:

As set out in French Standard NF S52-400 the following is recommended:

- keep these instructions for subsequent reference (inspection, maintenance, etc.).
- periodically carry out predictive maintenance.
- depending on how much it is used, have the equipment serviced yearly or every few years.

Packaging:

1 Package (Ref.: **6529/00**) -> Set of 4 adjustable stopper cables + floor attachments:

Weight: 4 kg Dimensions: 310 x 210 x 200 mm Volume: 0.01 m³

1 Package (Ref.: **6529D**) -> Set of 4 complete adjustable stopper cables:

Weight: 5 kg Dimensions: 300 x 210 x 200 mm Volume: 0.01 m³

Uses of stopper cables:

These cables stop the rotation and/or translation of high elasticity floors of GYMNOVA gymnastics exercise floors with springs (Ref.: 6575 & 6575/DE - 6576 & 6576/DE).

I. Assembling the Anti-Rotation Kit for exercise floors with springs for Art. Gym.:  minimum

Note: 4 stopper cables are required to lock an exercise floor.

- 1/ Remove each corner panel (1) and (2) as well as the 2 peripheral edge panels adjacent to the corner panels.
- 2/ Preparing the anchors: they must be positioned from the 2 x 1.50 m panels adjacent to the corner panels (1) and (2). Drill 2 holes 12 mm in dia. and 4.5 cm deep into the floor, at each corner of the exercise floor according to the dimensions specified in Fig. 1 (symmetric anchors). Carefully vacuum clean the holes before inserting the hammer-type bolts (17) provided: insert the collar, then hammer the bottom in order to secure it to the floor, using an appropriate tool (Fig. 2).
- 3/ Installing the cables (11): attach the ends of each cable without tightening them in the order of assembly of the fasteners (10), (9), (16) and (15) (see Fig. 3 and 4). Position the tighteners (13) on the easily accessible side of the exercise floor, so as to provide access for maintenance.
Note: A moderate tightening of the floor attachments enables to position the cables (12) as best as possible when adjusting the tension.
- 4/ Pull the cables (11) in the direction indicated in Fig. 5 and then put them back tight on the floor. Repeat for each corner.
- 5/ Fit a quick link (14) on each bracing flat (6), present on the corner panels (1) and (2) previously set aside.
- 6/ Put back the corner panels (1) and (2) as shown in Fig. 5. Place the panel vertically as close as possible to the sections so that the springs do not hinder the passage of the cable, and then slide the panel into the sections. Place and lock the locking plates.
- 7/ Insert the cable (12) into the quick link (14), and then tighten the quick link using a wrench.

- 8/ **Tightening:** screw in each tightener (13) so that the cable (12) no longer rests on the floor (Fig. 6). Fully tighten the floor attachments (10), (9), (16) and (15), see Fig. 3 and 4. Lock the adjustment of each tightener (13), by fully tightening the locknuts with a wrench (Fig. 4).
- 9/ Place the edges, sections and locking plates.

Figure 1: Top view of the Floor and position of the anchors (identical for the 4 corners)

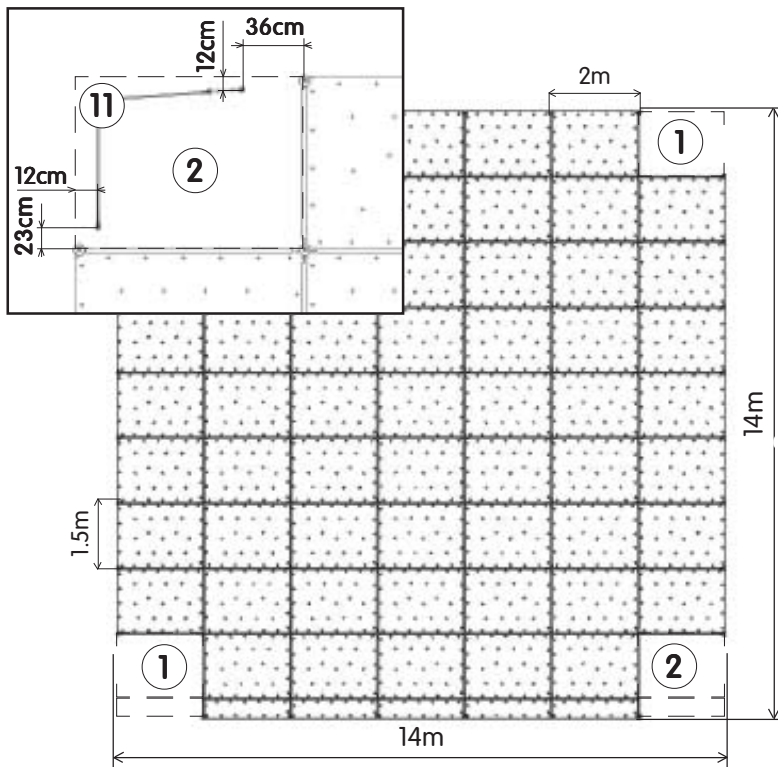


Figure 4: Order of assembly of the fasteners

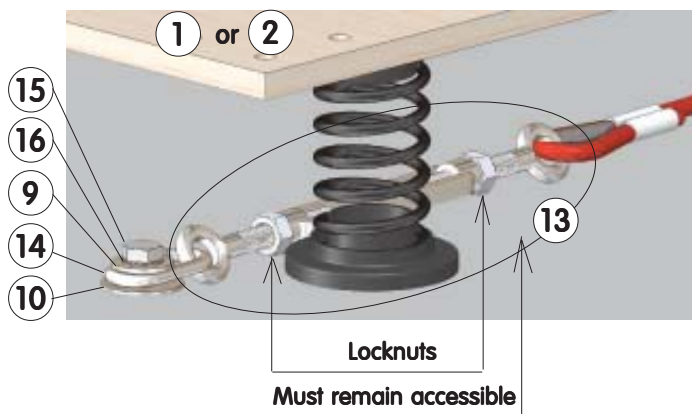


Figure 2: Installing the hammer-type bolts

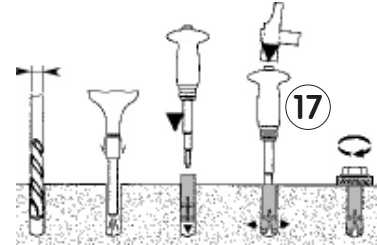


Figure 3

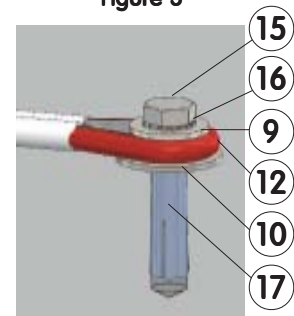


Figure 5: Installing the cable - directly above the corner panels

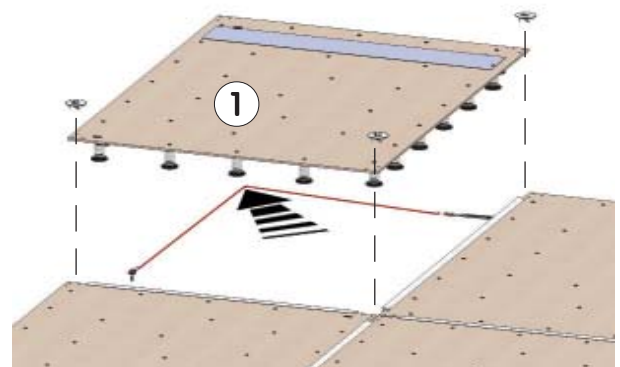
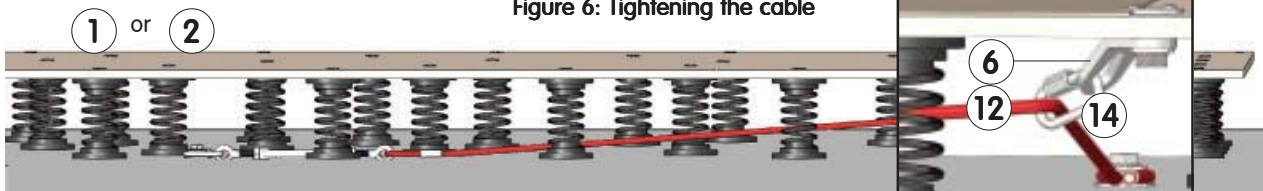


Figure 6: Tightening the cable



Maintenance:

- A regular cleaning of the floor allows better viewing of the problems, if any (distortion, breakage, or corrosion).
- Before use, thoroughly check parts each time for good condition: wear of bracing flats (6), cables (12), quick links (14) and turnbuckles (13).
- Periodically check the tightening of cables (11), locking of tighteners (13), and closure of quick links (14).
- Check that the attachments (15) are locked and that the bolts (17) do not draw out from the floor.

Important:

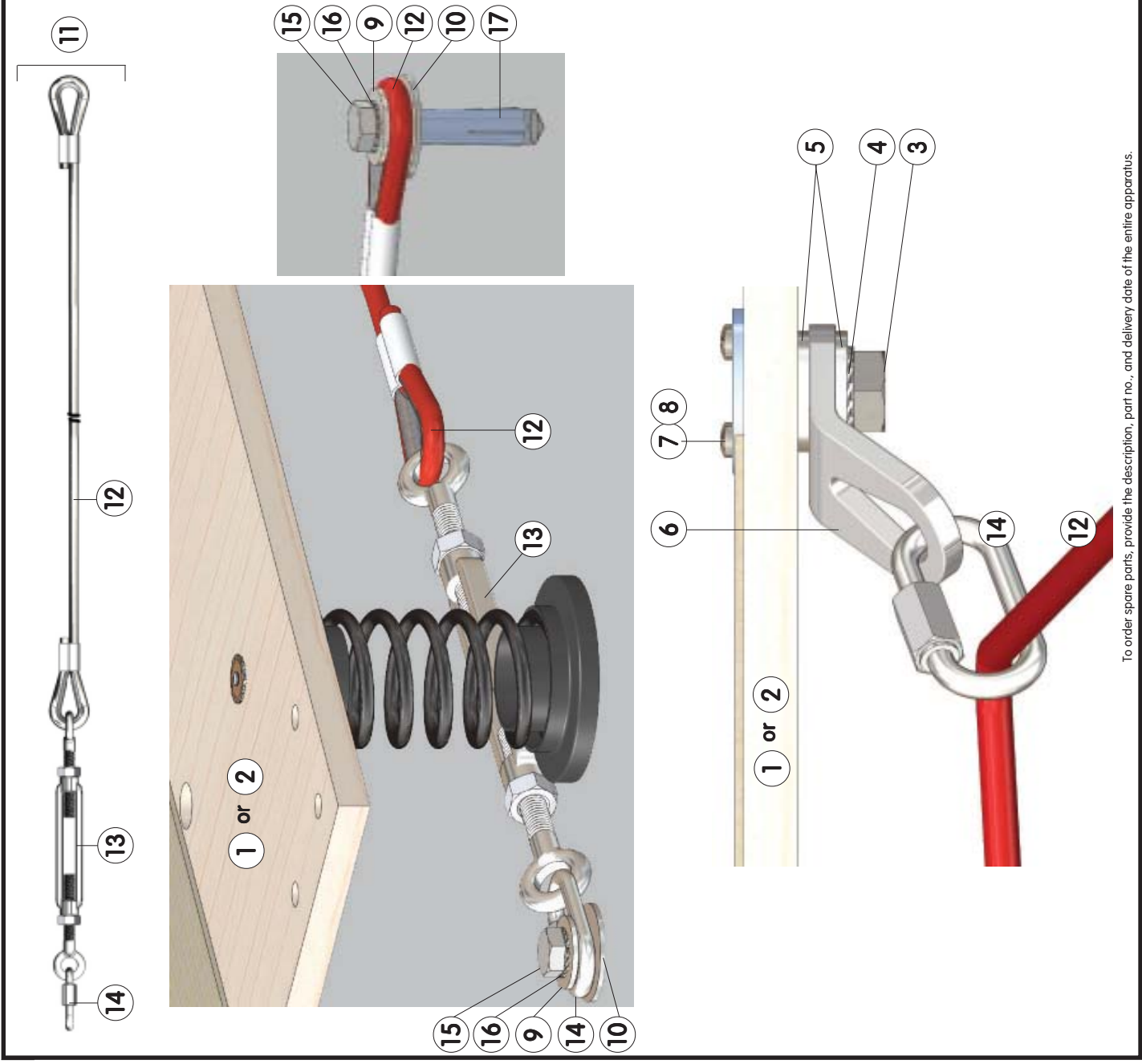
- If a problem is found or suspected, do not use the equipment until it has been checked by a technician.
- Any damaged or distorted component should be replaced as soon as possible.

ITEM	QTY	DESCRIPTION	REFERENCE	REMARKS
30	-			
29	-			
28	-			
27	-			
26	-			
25	-			
24	-			
23	-			
22	-			
21	-			
20	-			
19	-			
18	-			
17	2	M10 hammer-type exp. bolt	QCEC100000	Floor attachments
16	2	External tooth lock washer dia. 10 x 18	VRÉE10180Z	Floor attachments
15	2	H M10 x 30 ZP screw	VH0010030Z	Floor attachments
14	2	Quick link No. 6	QMRA00006Z	1 included in 11
13	1	M10 O/O turnbuckle	QTELE1010G	included in 11
12	1	5.5 dia. cable - length: 2.26 m		included in 11
11	1	Adjustable stopper cable		each
10	2	LL 10 x 36 flat washer	VRP010360Z	Floor attachments
9	2	L 10 x 27 flat washer	VRP010270Z	Floor attachments
8	2	Pan-head chipboard screw, dia. 4 x 16	VVBZ40016Z	included in 1 and 2
7	1	M12 screw nut	VEAV12210Z	included in 1 and 2
6	1	Bracing flat	X3120/12	included in 1 and 2
5	2	L 14 x 36 flat washer	VRP014360Z	included in 1 and 2
4	1	External tooth lock washer dia. 12 x 20	VRÉE12200Z	included in 1 and 2
3	1	H M12 x 25 ZP screw	VH0012025Z	included in 1 and 2
2	-	R.H. corner panel 2 x 1.5 m	6585/13	-
1	-	L.H. corner panel 2 x 1.5 m	6585/12	-

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BY: MCHARB DATE: 19/11/13 NMW60 Ref.: 6529/00 - 6529D
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**STOPPER CABLES AND ANTI-ROTATION
KITS FOR EXERCISE FLOORS WITH
SPRINGS M'13**



To order spare parts, provide the description, part no., and delivery date of the entire apparatus.