

# Magia50extra

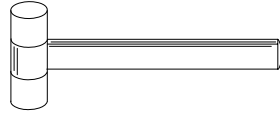


## ASSEMBLY INSTRUCTIONS

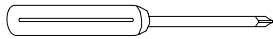




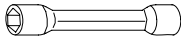
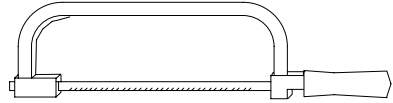
Ø 8x300 12x120 14x150 mm



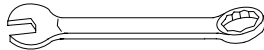
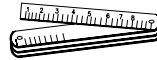
Ø 2.5 3.5 4.5 9 mm



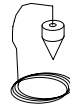
PH 2



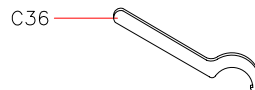
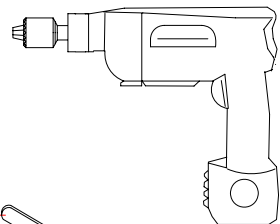
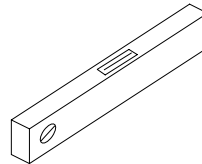
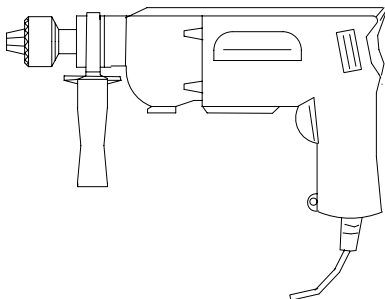
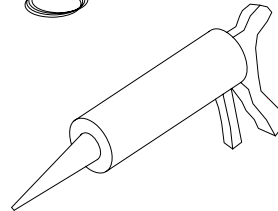
12 mm 13 mm



13 17 19 30 mm



2.5 3 5 12 mm



C36

Unpack each element of the staircase before starting to assemble them. Arrange them on an ample surface and check quality (TAB. 1: A = Code, B = Quality).

### Preliminary assembly

1. Tighten elements D32 and D33 on treads L02 (fig. 2).
2. Carefully measure height from floor to floor to establish the number of spacer rings D03 (TAB. 2).
3. Assemble metal spacers D14, D03 and D02 as a single piece. Assemble metal spacers D04, D03 and D02 in the same manner (fig. 1).
4. Secure elements C63, CA1, and BA7 to baluster C03 (fig. 3).
5. Fasten elements BA2, BA6, B74, BA9 to landing E03 without tightening (fig. 7).
6. Assemble the base G03, B17 and B46 (fig. 1).

### Assembly

7. Determine the centre of the opening on the floor and position the base (G03+B17+B46) (fig. 4).
8. Drill using a  $\varnothing$  14 mm point and secure the base (G03+B17+B46) to the floor with elements B13 (fig. 1).
9. Tighten the tube G02 onto the base (G03+B17+B46) (fig. 1).
10. Insert the metal spacers (D14+D03+D02) (fig. 5).
11. Insert the base cover D05 (fig. 5).
12. Insert the first tread L02 into tube G02. Then, in this order, insert a metal spacer (D04+D03+D02) followed by the next tread L02 and so on. Position the treads, alternating between right and left, so that the weight is evenly distributed (fig. 5).
13. Once you have reached the end of the tube G02, tighten element B47, tighten the following tube G02 and continue to assemble the staircase (fig. 5).
14. Once you have reached the end of the tube G02, screw element B46 and element G01 (screw element G01, keeping in mind that it must be 15 cm taller than the height of the staircase, as shown in fig. 6). Continue to insert the treads using element D01 inserted in the metal spacer (D04+D03+D02) of the final treads L02 that are not centred on pole G02.
15. Insert the landing E03 last. Insert elements B05, B04 and tighten element B03 in a sufficient manner (fig. 1), keeping in mind that the treads must still be rotated and that ends A and B of landing E03 must brush against the floor (fig. 8).

### Fixing the landing

16. Screw element BB1 onto element B74 all the way to the end. Insert element BB2, B76 and BB2 followed by BB1 in this order, without tightening excessively (fig. 7).
17. Move element B76 next to the floor. Identify the position, drill a hole with a  $\varnothing$  14 mm bit and fasten in a permanent manner using element B13 (fig. 7).
18. Tighten the lower element BB1 until points A, B, and C come into contact with the floor (fig. 8).
19. Lock upper element BB1 onto element B76 (fig. 7).
20. Lock element BA2 last (fig. 7).

### To assemble the railing

21. Fan the treads L02 out after you have chosen the rotation direction (fig. 9). You can now climb the stairs.
22. Insert 5 elements F47 into every baluster C03, without fastening (keep in mind that one of the 5 elements F47 must be positioned on the upper ring of the reinforcing pole on the first baluster C03 on the floor as indicated in fig. 1).
23. Start from landing E03. Insert the longer balusters C03 (H 1190 mm), connecting the treads L02. Position the balusters C03 with element C63 with the opening towards the top (fig. 10). Only tighten the lower element C31 of the lower tread (fig. 2).
24. Check that all the balusters C03 positioned are vertical. Take care when carrying out this operation, since it is very important to assemble the stairs correctly.
25. Tighten in a permanent manner the element B03 (Fig. 10).
26. Tighten the upper element C31 of the upper tread in a permanent manner (fig. 2).
27. Check that balusters C03 are vertical. Correct - if necessary - repeating the procedure described above.
28. Position the first baluster C03 (H. 1190 mm) together with element F07, after cutting it by 35 mm. Secure element F01 to the floor in a position corresponding to the first baluster C03, drilling a hole with a  $\varnothing$  8 mm bit. Use elements B11, B12, and C31 (fig. 1). If installing outdoors seal the point where element F01 rests on the ground with silicone (not provided).
29. Identify the segments of handrail A22 marked with the letter "M" and those of A23 marked with the letter "R" that will be used on landing E03 (fig. 11).
30. Start modelling the handrails A22 marked with the letter "M" and try to give them a curve that follows the staircase as much as possible (fig. 1).
31. Starting from the connecting baluster C03 between landing E03 and tread L02, begin fastening the handrail A22 that has just been bent, using a screwdriver and elements C64 (fig. 10). **Warning:** position the seam of the coating on the handrail facing the bottom.
32. Join the other segments of handrail A22, tightening, gluing and shaping them one after the other. Use elements B33, D35 and glue X01 (fig. 1). Position the thickest part of D35 towards the outside.
33. Saw off the excess handrail next to the first baluster C03 of the staircase using a hacksaw.
34. Complete the handrail A22 by securing element A21 using element C64 and glue X01 (fig. 1).
35. Check the linearity of handrail A22 and correct using a rubber hammer, if necessary.
36. Starting from baluster C03 of the tread on the ground, fasten the first element F47 with the dowel BB7 at a distance of 4 cm from the tread.
37. Measure the space that exists under the handrail A22 at the centre of element F47, which has just been fastened. Divide the space into 5 equal sections to obtain the exact centre to centre distance for elements

- F47, secure to baluster C03 with dowel BB7 in a permanent manner, positioning them towards the outside of the staircase (fig. 1-1B).
38. Repeat the same operation with the remaining balusters C03, which were mounted previously.
  39. Prepare all of the elements F46, inserting dowels BB6 and BB7 without tightening them completely (see fig 1-1B).
  40. Assemble elements F46 with F47, screwing the dowel BB6 without tightening in a permanent manner (fig. 1-1B).
  41. Starting from the first baluster C03 on the ground, insert element A26 through the opening found on each element F46, sliding it until the last baluster C03 positioned at the top. After making element A26 protrude for 1 cm compared to the last F46, fasten by tightening dowel BB7. On the same element, tighten dowel BB6 in a permanent manner as well.
  42. Repeat the same operation on the remaining balusters C03 and cut element A26 at the height of the baluster on the ground, taking into account the 1 cm protrusion, as before.
  43. Finish assembling the remaining parts A26, repeating the operations described in points 41 and 42.
  44. Complete railing assembly, inserting elements CA3 at the ends of each element A26 and insert elements B82 in the lower part of the balusters C03 (fig. 1).
  45. Insert plugs BB4 to close the intermediate holes found on the treads L02. (fig. 1)

### Assembling the balustrade

46. Screw baluster C04 onto element G01 protruding from the landing E03 (fig. 10).
47. Assemble elements F01 using elements B89, B06 and B23 in the holes present on the landing E03 (fig. 1).
48. Insert 5 elements F47 into the balusters C03 (H 935 mm), position them inside elements F07 - which had been mounted previously - and tighten element C31 (fig. 1). If installing outdoors apply silicone (not provided) to seal the space between the two elements C03 and F01.
49. Fasten element A24 onto column C04 using element C31. C31 sealing with silicone if installing outdoor. Then, fasten the handrail A23 marked with the letter "R" using screw C64 (fig. 1).
50. Fasten handrail A23 to the column C03 nearest to the landing, using screws C64 and making sure that they are perfectly vertical. Repeat the same procedure for all of the balusters C03 present on the landing E03.
51. Saw off any handrail in excess using a hacksaw. Complete handrail A23 by securing element A21 using elements C64 and the glue (X01) (fig. 1).
52. Measure the distance from underneath the handrail A23 to the landing and divide into 6 spaces to obtain the exact centre to centre distance required to fix elements F47. Fasten in a permanent manner using dowel BB7 and positioning them in the correct manner towards the outside (fig. 1-1A).
53. Assemble elements F46 with F47, screwing the dowel BB6 without tightening in a permanent manner.
54. Insert element A25 through the opening found on each element F46, sliding it on all of the balusters C03 (H 935 mm). Keep in mind that element A25 must protrude by the same amount as elements A26 of the railing on the staircase (fig. 1).
55. Tighten dowels BB6 and BB7 inserted inside elements F46 in a permanent manner and repeat these procedures until the balustrade on the landing is completed (fig. 1).
56. Finish assembling the balustrade by inserting elements CA3 at the end of each element A25 (fig. 1-1A).
57. Based on the position and the existence of walls around the opening of the staircase, one or two extra balusters C03 (H 935 mm) may need to be positioned (fig. 12).
58. In this case, allow for a space equidistant from the other balusters or from the wall. To fix these, we recommend drilling the landing E02 with a  $\varnothing$  9 mm bit and using elements F01, C31, B89, B06, B23. We also recommend drilling the floor with a  $\varnothing$  12 mm bit and using elements F01, C31, B23, B27, C84 and C85 (fig. 13). If necessary, secure the balustrade on the landing to the balustrade on the floor, (fig. 12), model the handrails carefully, following well-secured curves. Any wrinkles that form on the inside of the handrails are not a defect, rub energetically (generating heat) with a paper towel until they disappear.

### Final Assembly

59. To further stiffen the staircase at intermediate points, secure elements F09 to the wall and join them with balusters C03 using elements F08. Drill using a  $\varnothing$  8 mm bit and use elements B36, B37, B11, B12 and C29 (fig. 14).
60. Glue going H01 onto treads L02 using element B96 (fig. 1). If installing outdoors use silicone(not provided).
61. Glue the goings (H03, H04) onto the landing E03 using element B96 (fig. 1). If installing outdoors use silicone(not provided).

### Maintenance

After assembly check the integrity of the staircase and touch up any damaged parts with a rust-proofing undercoat (not provided) and a topcoat of varnish included in the supply.

To ensure a long life of the product, it is recommended to periodically perform the above operation.

In case of accidental damage to the varnishing, and in any case at least every 4 months, carry out the above described operation.

Stairs installed in particularly aggressive environments (for example, near the sea, in industrial areas, etc.) must be washed every month with fresh water and non-aggressive detergents, without using pressurized water.

### TAB. 2

To determine the number of spacer rings D03 required, refer to TAB 2 (H = height, A = rise).

Example: for a measured height of 298 cm from floor to floor and a staircase with 13 treads, you need;

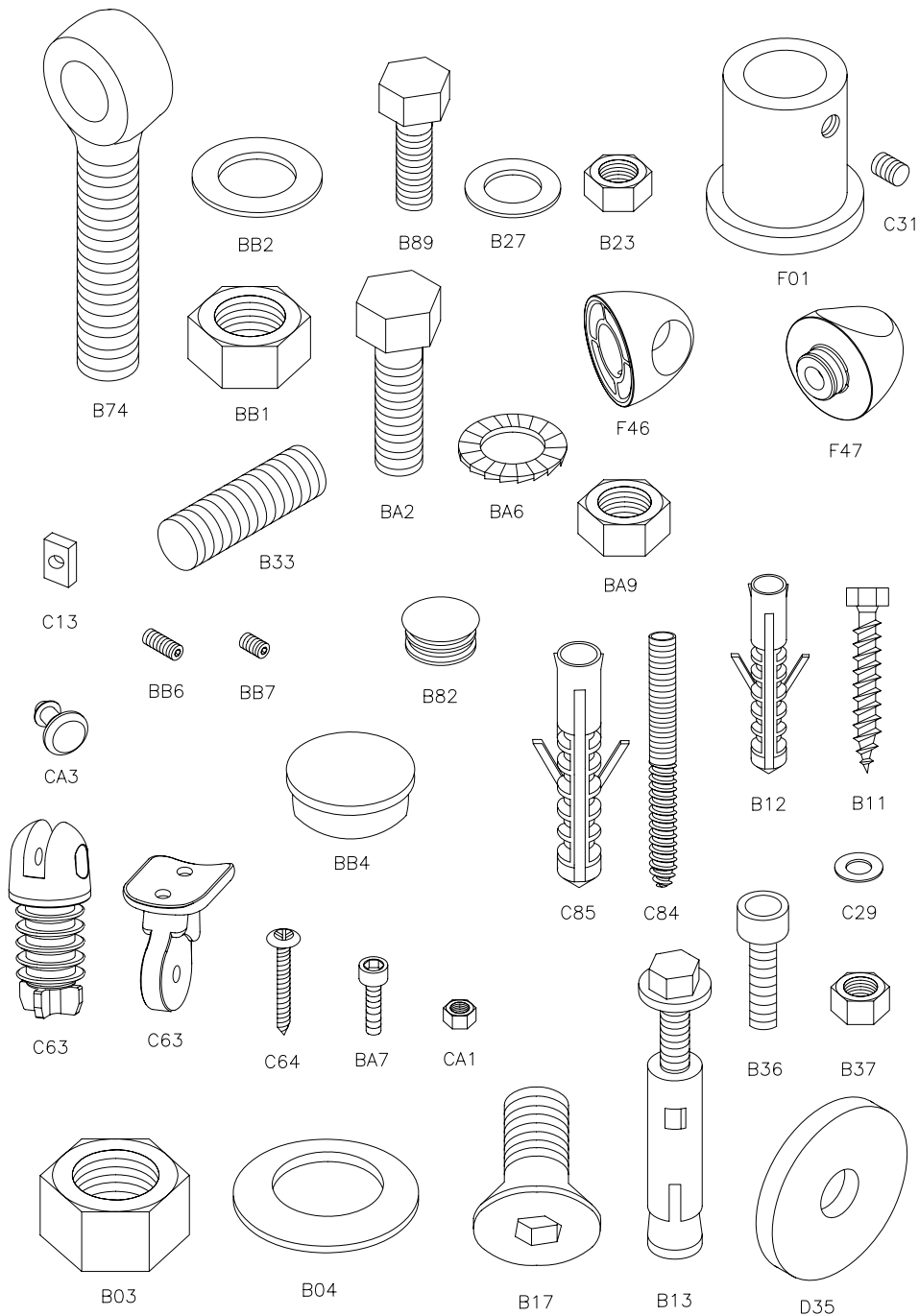
1. Read the number of spacer rings required (48 spacer rings in the column A/13) in correspondence with the height (column H, 298 cm).
2. Distribute the spacer rings D03 one at a time in sequence between elements D14-D04 and D02 until they have all been used up (only for metal spacer D14 a maximum of 3 spacer rings D03 can be inserted; on metal spacers D04 up to 5 spacer rings D03 can be inserted).
3. The final result is 2 spacer rings D03 between D14 and D02, 2 more spacer rings D03 on a metal spacer chosen between D04 and D02 and 4 spacer rings D03 between D04 and D02 on the remaining 11 metal spacers.

**TAB 1**

| A          | B     |     |     |     |     |       |     |     |     |     |       |     |     |     |     |
|------------|-------|-----|-----|-----|-----|-------|-----|-----|-----|-----|-------|-----|-----|-----|-----|
|            | Ø 110 |     |     |     |     | Ø 130 |     |     |     |     | Ø 150 |     |     |     |     |
|            | 11    | 12  | 13  | 14  | 15  | 11    | 12  | 13  | 14  | 15  | 11    | 12  | 13  | 14  | 15  |
| A21        | 3     | 3   | 3   | 3   | 3   | 3     | 3   | 3   | 3   | 3   | 3     | 3   | 3   | 3   | 3   |
| A22        | 4     | 5   | 5   | 6   | 6   | 4     | 5   | 5   | 6   | 6   | 4     | 5   | 5   | 6   | 6   |
| A23        | 1     | 1   | 1   | 1   | 1   | 1     | 1   | 1   | 1   | 1   | 1     | 1   | 1   | 1   | 1   |
| A24        | 2     | 2   | 2   | 2   | 2   | 2     | 2   | 2   | 2   | 2   | 2     | 2   | 2   | 2   | 2   |
| A25        | 5     | 5   | 5   | 5   | 5   | 5     | 5   | 5   | 5   | 5   | 5     | 5   | 5   | 5   | 5   |
| A26        | 5     | 5   | 5   | 5   | 5   | 5     | 5   | 5   | 5   | 5   | 5     | 5   | 5   | 5   | 5   |
| B03        | 1     | 1   | 1   | 1   | 1   | 1     | 1   | 1   | 1   | 1   | 1     | 1   | 1   | 1   | 1   |
| B04        | 1     | 1   | 1   | 1   | 1   | 1     | 1   | 1   | 1   | 1   | 1     | 1   | 1   | 1   | 1   |
| B05        | 1     | 1   | 1   | 1   | 1   | 1     | 1   | 1   | 1   | 1   | 1     | 1   | 1   | 1   | 1   |
| B11        | 10    | 10  | 10  | 10  | 10  | 10    | 10  | 10  | 10  | 10  | 10    | 10  | 10  | 10  | 10  |
| B12        | 10    | 10  | 10  | 10  | 10  | 10    | 10  | 10  | 10  | 10  | 10    | 10  | 10  | 10  | 10  |
| B13        | 5     | 5   | 5   | 5   | 5   | 5     | 5   | 5   | 5   | 5   | 5     | 5   | 5   | 5   | 5   |
| B17        | 1     | 1   | 1   | 1   | 1   | 1     | 1   | 1   | 1   | 1   | 1     | 1   | 1   | 1   | 1   |
| B23        | 6     | 6   | 6   | 6   | 6   | 6     | 6   | 6   | 6   | 6   | 6     | 6   | 6   | 6   | 6   |
| B27        | 6     | 6   | 6   | 6   | 6   | 6     | 6   | 6   | 6   | 6   | 6     | 6   | 6   | 6   | 6   |
| B33        | 4     | 5   | 5   | 6   | 6   | 4     | 5   | 5   | 6   | 6   | 4     | 5   | 5   | 6   | 6   |
| B36        | 3     | 3   | 3   | 3   | 3   | 3     | 3   | 3   | 3   | 3   | 3     | 3   | 3   | 3   | 3   |
| B37        | 3     | 3   | 3   | 3   | 3   | 3     | 3   | 3   | 3   | 3   | 3     | 3   | 3   | 3   | 3   |
| B46        | 2     | 2   | 2   | 2   | 2   | 2     | 2   | 2   | 2   | 2   | 2     | 2   | 2   | 2   | 2   |
| B47        | 1     | 1   | 1   | 2   | 2   | 1     | 1   | 1   | 2   | 2   | 1     | 1   | 1   | 2   | 2   |
| B74        | 2     | 2   | 2   | 2   | 2   | 2     | 2   | 2   | 2   | 2   | 2     | 2   | 2   | 2   | 2   |
| B76        | 2     | 2   | 2   | 2   | 2   | 2     | 2   | 2   | 2   | 2   | 2     | 2   | 2   | 2   | 2   |
| B82        | 10    | 11  | 12  | 13  | 14  | 10    | 11  | 12  | 13  | 14  | 10    | 11  | 12  | 13  | 14  |
| B89        | 6     | 6   | 6   | 6   | 6   | 6     | 6   | 6   | 6   | 6   | 6     | 6   | 6   | 6   | 6   |
| B96        | 1     | 1   | 1   | 1   | 1   | 1     | 1   | 1   | 1   | 1   | 1     | 1   | 1   | 1   | 1   |
| BA2        | 2     | 2   | 2   | 2   | 2   | 2     | 2   | 2   | 2   | 2   | 2     | 2   | 2   | 2   | 2   |
| BA6        | 6     | 6   | 6   | 6   | 6   | 6     | 6   | 6   | 6   | 6   | 6     | 6   | 6   | 6   | 6   |
| BA7        | 17    | 18  | 19  | 20  | 21  | 17    | 18  | 19  | 20  | 21  | 17    | 18  | 19  | 20  | 21  |
| BA9        | 2     | 2   | 2   | 2   | 2   | 2     | 2   | 2   | 2   | 2   | 2     | 2   | 2   | 2   | 2   |
| BB1        | 4     | 4   | 4   | 4   | 4   | 4     | 4   | 4   | 4   | 4   | 4     | 4   | 4   | 4   | 4   |
| BB2        | 4     | 4   | 4   | 4   | 4   | 4     | 4   | 4   | 4   | 4   | 4     | 4   | 4   | 4   | 4   |
| BB4        | 11    | 12  | 13  | 14  | 15  | 11    | 12  | 13  | 14  | 15  | 21    | 23  | 25  | 27  | 29  |
| BB6        | 85    | 90  | 95  | 100 | 105 | 85    | 90  | 95  | 100 | 105 | 85    | 90  | 95  | 100 | 105 |
| BB7        | 170   | 180 | 190 | 200 | 210 | 170   | 180 | 190 | 200 | 210 | 170   | 180 | 190 | 200 | 210 |
| C03 H.1190 | 11    | 12  | 13  | 14  | 15  | 11    | 12  | 13  | 14  | 15  | 11    | 12  | 13  | 14  | 15  |
| C03 H.935  | 6     | 6   | 6   | 6   | 6   | 6     | 6   | 6   | 6   | 6   | 6     | 6   | 6   | 6   | 6   |

**TAB 1**

| A          | B     |    |    |     |     |       |    |    |     |     |       |    |    |     |     |
|------------|-------|----|----|-----|-----|-------|----|----|-----|-----|-------|----|----|-----|-----|
|            | Ø 110 |    |    |     |     | Ø 130 |    |    |     |     | Ø 150 |    |    |     |     |
|            | 11    | 12 | 13 | 14  | 15  | 11    | 12 | 13 | 14  | 15  | 11    | 12 | 13 | 14  | 15  |
| <b>C04</b> | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   |
| <b>C13</b> | 21    | 23 | 25 | 27  | 29  | 21    | 23 | 25 | 27  | 29  | 21    | 23 | 25 | 27  | 29  |
| <b>C29</b> | 9     | 9  | 9  | 9   | 9   | 9     | 9  | 9  | 9   | 9   | 9     | 9  | 9  | 9   | 9   |
| <b>C31</b> | 32    | 34 | 36 | 38  | 40  | 32    | 34 | 36 | 38  | 40  | 32    | 34 | 36 | 38  | 40  |
| <b>C63</b> | 17    | 18 | 19 | 20  | 21  | 17    | 18 | 19 | 20  | 21  | 17    | 18 | 19 | 20  | 21  |
| <b>C64</b> | 40    | 42 | 44 | 46  | 48  | 40    | 42 | 44 | 46  | 48  | 40    | 42 | 44 | 46  | 48  |
| <b>C84</b> | 2     | 2  | 2  | 2   | 2   | 2     | 2  | 2  | 2   | 2   | 2     | 2  | 2  | 2   | 2   |
| <b>C85</b> | 2     | 2  | 2  | 2   | 2   | 2     | 2  | 2  | 2   | 2   | 2     | 2  | 2  | 2   | 2   |
| <b>CA1</b> | 17    | 18 | 19 | 20  | 21  | 17    | 18 | 19 | 20  | 21  | 17    | 18 | 19 | 20  | 21  |
| <b>CA3</b> | 30    | 30 | 30 | 30  | 30  | 30    | 30 | 30 | 30  | 30  | 30    | 30 | 30 | 30  | 30  |
| <b>D01</b> | 3     | 4  | 3  | 3   | 3   | 3     | 4  | 3  | 3   | 3   | 3     | 4  | 3  | 3   | 3   |
| <b>D02</b> | 11    | 12 | 13 | 14  | 15  | 11    | 12 | 13 | 14  | 15  | 11    | 12 | 13 | 14  | 15  |
| <b>D03</b> | 55    | 60 | 65 | 70  | 75  | 55    | 60 | 65 | 70  | 75  | 55    | 60 | 65 | 70  | 75  |
| <b>D04</b> | 10    | 11 | 12 | 13  | 14  | 10    | 11 | 12 | 13  | 14  | 10    | 11 | 12 | 13  | 14  |
| <b>D05</b> | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   |
| <b>D14</b> | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   |
| <b>D32</b> | 21    | 23 | 25 | 27  | 29  | 21    | 23 | 25 | 27  | 29  | 21    | 23 | 25 | 27  | 29  |
| <b>D33</b> | 21    | 23 | 25 | 27  | 29  | 21    | 23 | 25 | 27  | 29  | 21    | 23 | 25 | 27  | 29  |
| <b>D35</b> | 4     | 5  | 5  | 6   | 6   | 4     | 5  | 5  | 6   | 6   | 4     | 5  | 5  | 6   | 6   |
| <b>E03</b> | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   |
| <b>F01</b> | 7     | 7  | 7  | 7   | 7   | 7     | 7  | 7  | 7   | 7   | 7     | 7  | 7  | 7   | 7   |
| <b>F07</b> | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   |
| <b>F08</b> | 3     | 3  | 3  | 3   | 3   | 3     | 3  | 3  | 3   | 3   | 3     | 3  | 3  | 3   | 3   |
| <b>F09</b> | 3     | 3  | 3  | 3   | 3   | 3     | 3  | 3  | 3   | 3   | 3     | 3  | 3  | 3   | 3   |
| <b>F46</b> | 85    | 90 | 95 | 100 | 105 | 85    | 90 | 95 | 100 | 105 | 85    | 90 | 95 | 100 | 105 |
| <b>F47</b> | 85    | 90 | 95 | 100 | 105 | 85    | 90 | 95 | 100 | 105 | 85    | 90 | 95 | 100 | 105 |
| <b>G01</b> | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   |
| <b>G02</b> | 2     | 2  | 2  | 3   | 3   | 2     | 2  | 2  | 3   | 3   | 2     | 2  | 2  | 3   | 3   |
| <b>G03</b> | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   |
| <b>H01</b> | 10    | 11 | 12 | 13  | 14  | 10    | 11 | 12 | 13  | 14  | 10    | 11 | 12 | 13  | 14  |
| <b>H03</b> | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   |
| <b>H04</b> | 2     | 2  | 2  | 2   | 2   | 2     | 2  | 2  | 2   | 2   | 2     | 2  | 2  | 2   | 2   |
| <b>L02</b> | 10    | 11 | 12 | 13  | 14  | 10    | 11 | 12 | 13  | 14  | 10    | 11 | 12 | 13  | 14  |
| <b>X01</b> | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   | 1     | 1  | 1  | 1   | 1   |

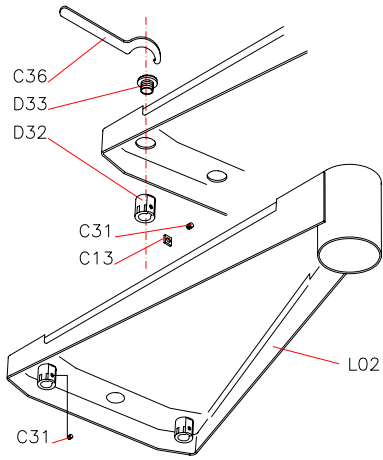


**TAB 2**

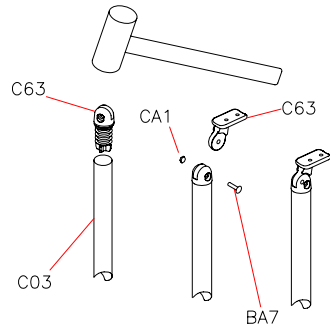
| <b>H.</b> | <b>A</b> | <b>H.</b> | <b>A</b> | <b>H.</b> | <b>A</b> | <b>H.</b> | <b>A</b> | <b>H.</b> | <b>A</b> |
|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|
| <b>11</b> |          | <b>12</b> |          | <b>13</b> |          | <b>14</b> |          | <b>15</b> |          |
| 232       | 0        | 253       | 0        | 274       | 0        | 295       | 0        | 316       | 0        |
| 233       | 2        | 254       | 2        | 275       | 2        | 296       | 2        | 317       | 2        |
| 234       | 4        | 255       | 4        | 276       | 4        | 297       | 4        | 318       | 4        |
| 235       | 6        | 256       | 6        | 277       | 6        | 298       | 6        | 319       | 6        |
| 236       | 8        | 257       | 8        | 278       | 8        | 299       | 8        | 320       | 8        |
| 237       | 10       | 258       | 10       | 279       | 10       | 300       | 10       | 321       | 10       |
| 238       | 12       | 259       | 12       | 280       | 12       | 301       | 12       | 322       | 12       |
| 239       | 14       | 260       | 14       | 281       | 14       | 302       | 14       | 323       | 14       |
| 240       | 16       | 261       | 16       | 282       | 16       | 303       | 16       | 324       | 16       |
| 241       | 18       | 262       | 18       | 283       | 18       | 304       | 18       | 325       | 18       |
| 242       | 20       | 263       | 20       | 284       | 20       | 305       | 20       | 326       | 20       |
| 243       | 22       | 264       | 22       | 285       | 22       | 306       | 22       | 327       | 22       |
| 244       | 24       | 265       | 24       | 286       | 24       | 307       | 24       | 328       | 24       |
| 245       | 26       | 266       | 26       | 287       | 26       | 308       | 26       | 329       | 26       |
| 246       | 28       | 267       | 28       | 288       | 28       | 309       | 28       | 330       | 28       |
| 247       | 30       | 268       | 30       | 289       | 30       | 310       | 30       | 331       | 30       |
| 248       | 32       | 269       | 32       | 290       | 32       | 311       | 32       | 332       | 32       |
| 249       | 34       | 270       | 34       | 291       | 34       | 312       | 34       | 333       | 34       |
| 250       | 36       | 271       | 36       | 292       | 36       | 313       | 36       | 334       | 36       |
| 251       | 38       | 272       | 38       | 293       | 38       | 314       | 38       | 335       | 38       |
| 252       | 40       | 273       | 40       | 294       | 40       | 315       | 40       | 336       | 40       |
| 253       | 42       | 274       | 42       | 295       | 42       | 316       | 42       | 337       | 42       |
| 254       | 44       | 275       | 44       | 296       | 44       | 317       | 44       | 338       | 44       |
| 255       | 46       | 276       | 46       | 297       | 46       | 318       | 46       | 339       | 46       |
| 256       | 48       | 277       | 48       | 298       | 48       | 319       | 48       | 340       | 48       |
| 257       | 50       | 278       | 50       | 299       | 50       | 320       | 50       | 341       | 50       |
| 258       | 52       | 279       | 52       | 300       | 52       | 321       | 52       | 342       | 52       |
| 259       | 54       | 280       | 54       | 301       | 54       | 322       | 54       | 343       | 54       |
|           |          | 281       | 56       | 302       | 56       | 323       | 56       | 344       | 56       |
|           |          | 282       | 58       | 303       | 58       | 324       | 58       | 345       | 58       |
|           |          | 283       | 60       | 304       | 60       | 325       | 60       | 346       | 60       |
|           |          |           |          | 305       | 62       | 326       | 62       | 347       | 62       |
|           |          |           |          | 306       | 64       | 327       | 64       | 348       | 64       |
|           |          |           |          |           |          | 328       | 66       | 349       | 66       |
|           |          |           |          |           |          | 329       | 68       | 350       | 68       |
|           |          |           |          |           |          | 330       | 70       | 351       | 70       |
|           |          |           |          |           |          |           |          | 352       | 72       |
|           |          |           |          |           |          |           |          | 353       | 74       |



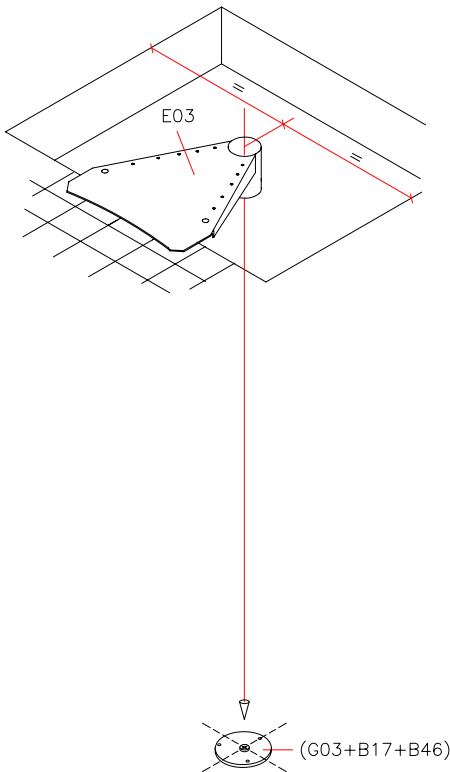
**FIG. 2**



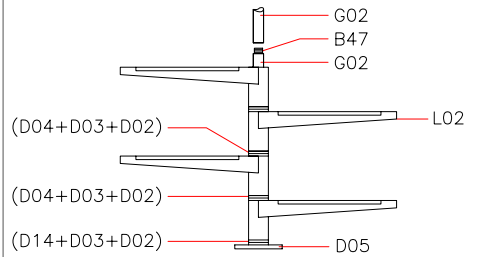
**FIG. 3**



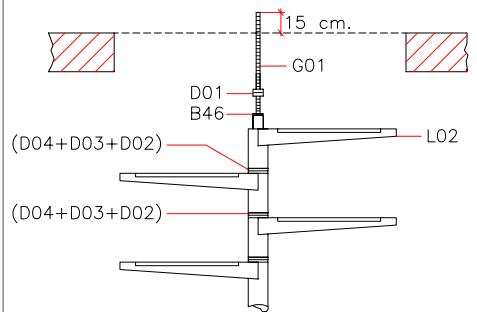
**FIG. 4**



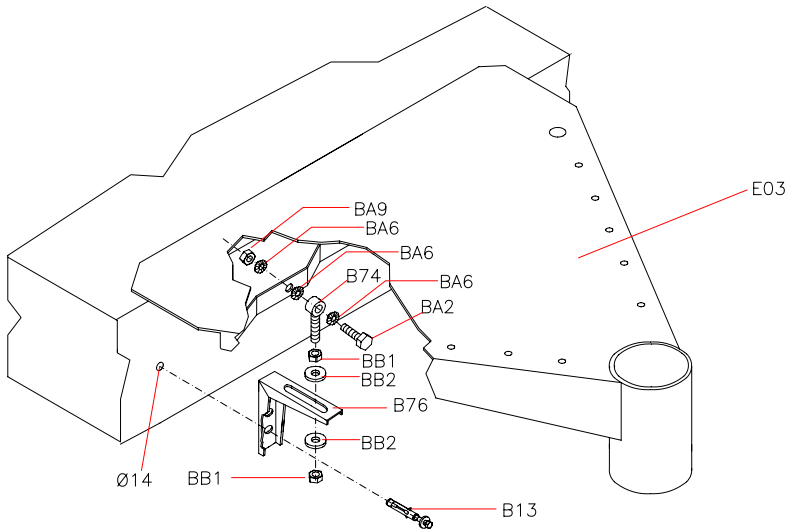
**FIG. 5**



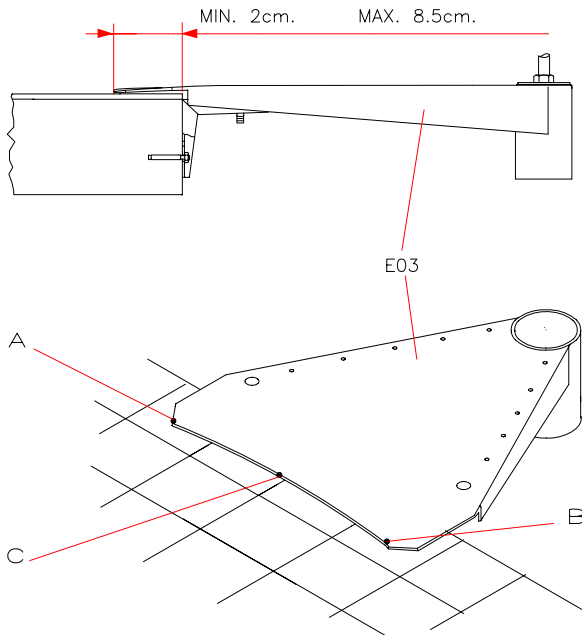
**FIG. 6**



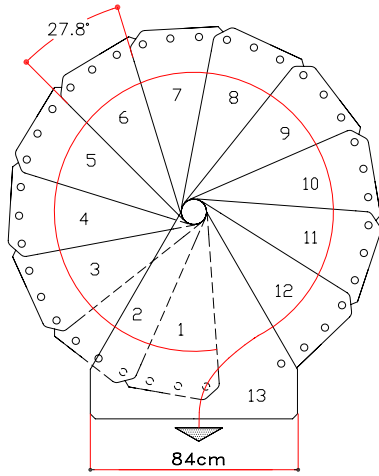
**FIG. 7**



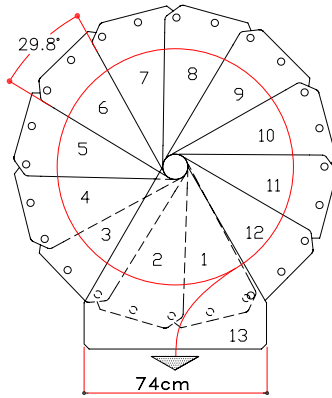
**FIG. 8**



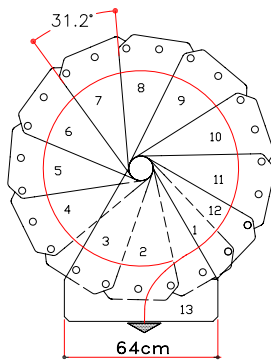
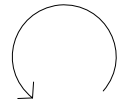
**FIG. 9**



$\varnothing 150$  cm

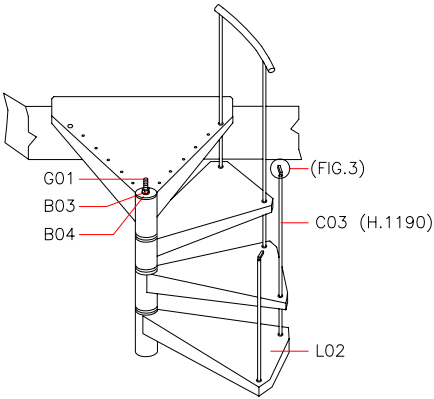


$\varnothing 130$  cm

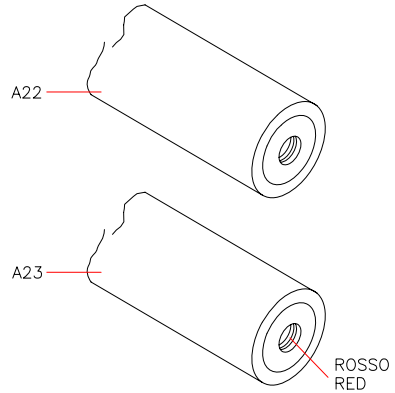


$\varnothing 110$  cm

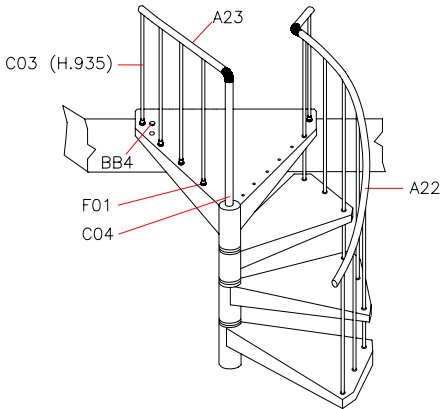
**FIG. 10**



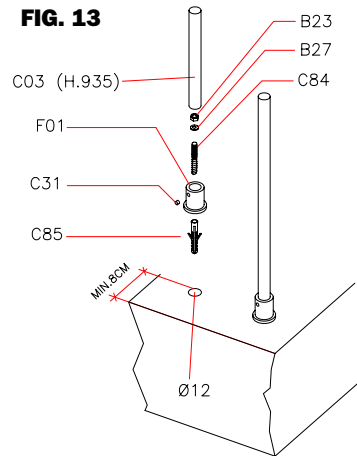
**FIG. 11**



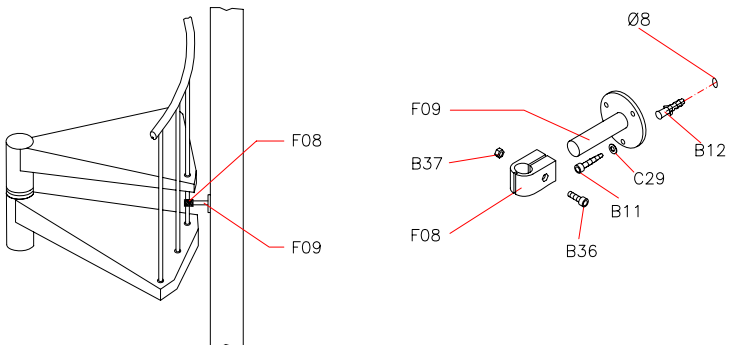
**FIG. 12**



**FIG. 13**



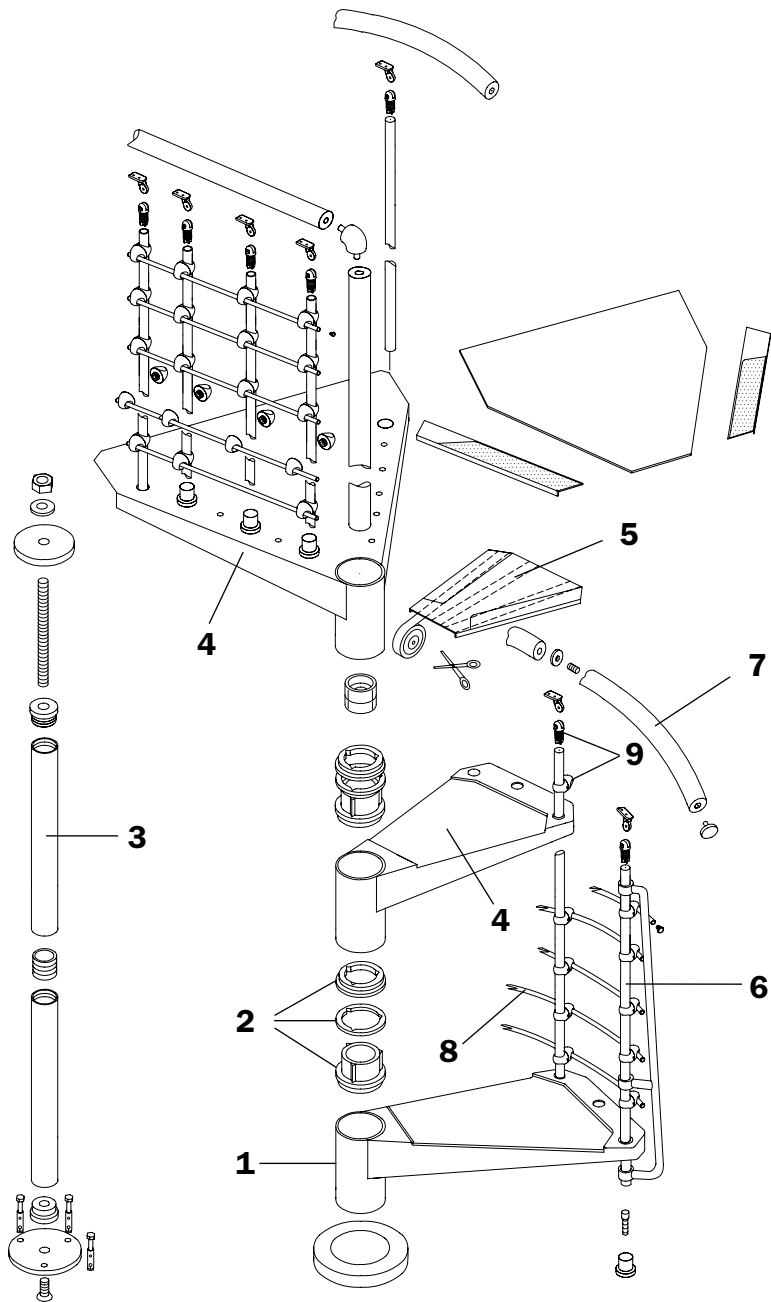
**FIG. 14**







## PRODUCT DETAILS



## product details

trade name: **MAGIA 50Xtra**

type: spiral round staircase

## used materials

### STRUCTURE

#### description

composed by spacers **(1)** in metal (welded to the tread) and spacers **(2)** in plastic stacked and packed on the central modular pole **(3)**

#### materials

spacers: Fe 370

plastic spacers: nylon

pole: Fe 370 galvanized

#### finishing

spacers: zinc phosphate primer and polyester powder coating

### TREADS

#### description

treads **(4)** in metal circular stacked on the central pole **(3)** equipped by an antiskid and antiwear panel **(5)**

#### materials

treads: plate Fe 370, thickness 25/10

antiskid panel: polypropylene

#### finishing

treads: zinc phosphate primer and polyester powder coating

### RAILING

#### description

composed by vertical metal balusters **(6)** fixed to the treads **(4)**, by a PVC handrail **(7)** and PVC tubes **(8)**

#### materials

balusters: Fe 520

handrail: PVC with aluminium core

tubes **(8)**: PVC

fixings **(9)**: nylon

#### finishing

balusters: zinc phosphate primer and polyester powder coating

### CLEANING

wash with fresh water and non-aggressive detergents, without using pressurized water.

### MAINTENANCE

about 12 months after the installation date, check the tightening of bolts on the various components. all non-routine maintenance procedures must be carried out in a strictly professional manner.

### USE PRECAUTION

avoid any improper use that is not in accordance with the product. possible violations or installations which don't comply with the providers instructions can invalidate the agreed product conformities.



■  
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D.U.M. 09/2009