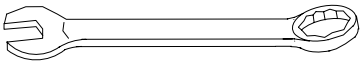
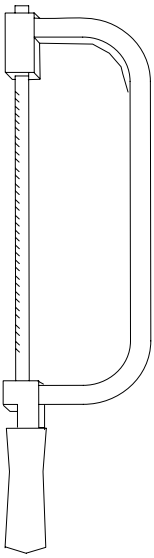
Magia30

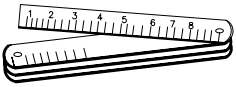
ASSEMBLY INSTRUCTIONS



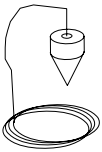
10 13 19 mm



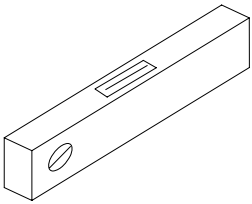
3 5 6 10 mm



Ø 8x120 Ø 14x150 mm



Ø 6.5 mm



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).

Assembly

1. Carefully measure the height from floor to floor.
2. Calculate the rise:
   1) subtract 22 cm from the height measured from floor to floor,
   2) divide this by the number of rises minus one.
   Example: for a measured height of 268 cm from floor to floor and a staircase with 12 rises (268 cm – 22 cm) / (12 – 1) = 22,36 cm.
3. Establish the position in which to fix support N19 (fig. 1) to the floor, taking two points into account:
   1) that the rise - which was calculated before - includes the thickness of the tread as well (L19 or L20) (fig. 2).
   2) position support N19 taking into account the type of opening (fig. 3).
4. Check that the support is perfectly horizontal, mark the point in which it must be fixed to the floor next to the holes present on the plate of element N19. Drill with a Ø 14 mm bit.
5. Assemble supports N19, N18, N17 and N16 in a straight configuration on the floor, taking the rise calculated before into account (see point 2). Use elements C15, B71 and B75 (fig. 1). Secure in an adequate manner, considering that supports N19, N18, N17 and N16 must still rotate for configuration B.
6. Raise and position the structure keeping support N19 in contact with the floor (fig. 4). We recommend rotating a few supports if the stairwell is narrow.
7. Secure support N19 in a permanent manner, using element C39 (fig. 1).
8. Distribute the left (L19) and right (L20) treads on the floor, alternating one with the other. Establish which tread is to be used, starting from the top (fig. 3).
9. Decide where the railing is to be assembled (left or right going up) and drill a hole into the treads (L19, L20) using a Ø 6,5 mm bit in accordance with the measurements provided on the drawings for each configuration (fig. 3).
   Warning: the position of the fixings that are not listed (and relative balusters C03) must be decided after main elements F23 are assembled (fig. 3).
10. Assemble and fasten elements F23 to the tread (L19, L20) using elements C14, B83, C49, C13, B02 (fig. 1).
11. Secure the treads (L19, L20) in a permanent manner starting from the top, until support N16 using elements C57 (fig. 1).
12. 1. Configuration A (straight) does not require further modifications (fig. 3).
    2. Configuration B requires a 5 ° rotation (fig. 3).
13. To rotate the supports by 5°, proceed as follows:
    a. Using a pencil in the point where the two supports join, trace two vertical lines at a distance of 3,5 mm (fig. 5).
    b. Loosen elements C15, one support at the time, starting from the top and rotate until one line coincides with the other.
    c. Secure elements C15 in a permanent manner (fig. 1).

To assemble the railing

14. Cut the balusters using the measurements provided in the diagrams (fig. 3). A cutting measurement cannot be provided for the balusters at the ends on the drawing and the intermediate ones. They must be cut based on the slope of the railing of the staircase, and therefore after handrail A22 has been fitted.
15. Assemble elements C63, C65, and C66 onto the balusters C03 (fig. 6).
16. Insert the balusters (C03) that have just been cut into elements F23, positioning element C63 with the open part towards the top and locking them with element B02. Check the verticality of each baluster.
17. Starting from the baluster at the top, secure the handrail A22 (leave the amount of handrail required to secure baluster C03, which goes at the end and has not been inserted yet) using articles C64 and a screwer. Join the elements of handrail A22 to part B33 using glue X01. Establish the height of the balusters at the ends of the railing. Cut and insert them into elements F23, locking them with part B02. Check the verticality of each baluster.
18. Assemble parts F23 onto the treads, in an intermediate position, using elements C14, B83, C49, C13,

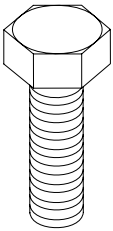
B02 (fig.1) (fig. 3). Cut the balusters C03 to measure and secure in elements F23, locking them with parts B02. Fasten the balusters to handrail A22 using parts C64. Check the verticality of each baluster.

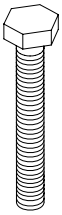
Final Assembly

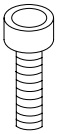
19. Check the distance between the treads and the wall (5 cm approx.), the verticality of the entire staircase and, if necessary correct by moving support N16 (fig. 1).
20. Dismantle the first tread (L19 or L20) and drill the floor using a Ø 14 mm bit in the same place where the openings are found for support N16 (fig. 1).
21. Inserts elements C39 and secure in a permanent manner (fig. 1).
22. Assemble the first tread (L19 or L20) again. Fasten element F01 to the ground (only when the railing is on the left side going up), next to the first baluster (C03) and drill using an Ø 8 mm bit. Use elements C58, B12 and B02. Insert the baluster (C03) and tighten element B02 (fig. 1).
23. Cut off the excess handrail next to the first and last baluster and complete assembly by inserting element A21, using part C64 and glue X01 (fig. 1).
24. Insert articles B82 into balusters C03 to complete staircase assembly (fig. 1).

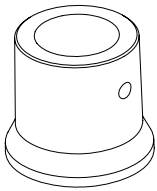
TAB 1

A	B			
	11	**12**	**13**	**15**
	rises			
A21	2	2	2	2
A22	3	4	4	4
B02	23	25	27	31
B12	4	4	4	4
B33	2	3	3	3
B71	18	20	22	26
B75	36	40	44	52
B82	10	11	12	14
B83	44	48	52	60
C03	11	12	13	15
C13	22	24	26	30
C14	22	24	26	30
C15	18	20	22	26
C39	2	2	2	2
C49	23	25	27	31
C50	1	1	1	1
C57	40	44	48	56
C58	4	4	4	4
C63	11	12	13	15
C64	24	26	28	32
C65	11	12	13	15
C66	11	12	13	15
F01	1	1	1	1
F08	2	2	2	2
F09	1	1	1	1
F23	22	24	26	30
L19	5	6	6	7
L20	5	5	6	7
N16	1	1	1	1
N17	1	1	1	1
N18	7	8	9	11
N19	1	1	1	1
X01	1	1	1	1

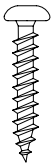

C15

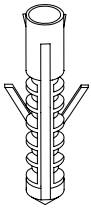

C14

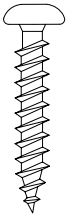

C50

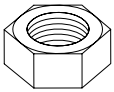

F01


B02

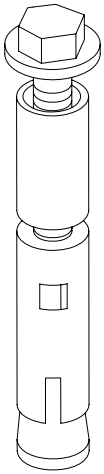

C57


B12

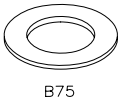

C58


B71

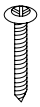

C49


C39


B83

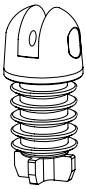

B75

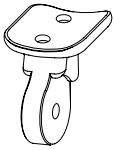

C13

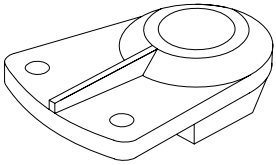

C64


C66


C65


C63


C63


F23


B82

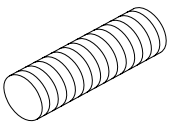

B33

FIG. 1

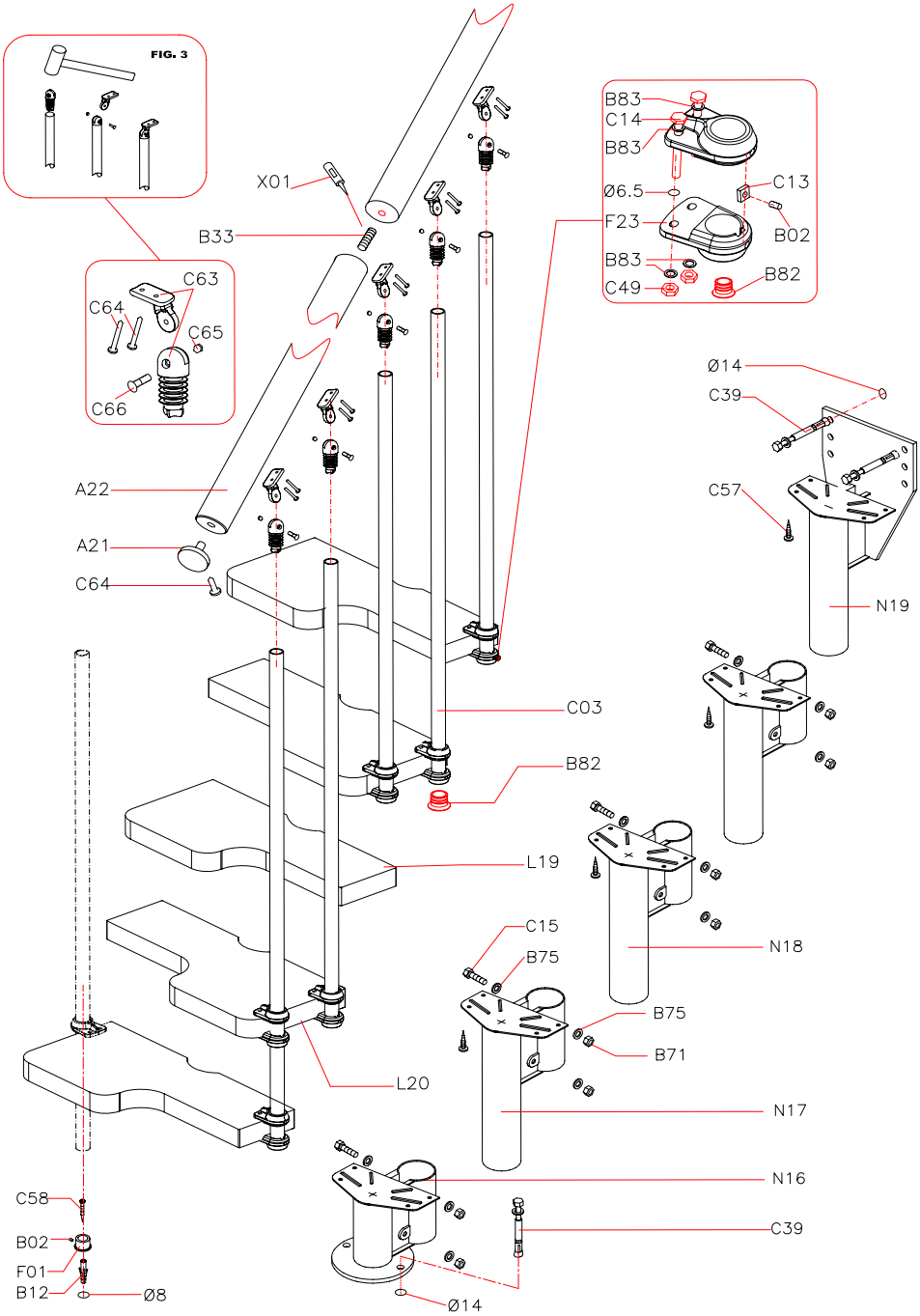


FIG. 3
X01
B33
B83
C14
B83
Ø6.5
C13
F23
B02
B83
B82
C49
C63
C64
C65
C66
Ø14
C39
C57
N19
A22
A21
C64
C03
B82
L19
N18
C15
B75
B75
B71
L20
N17
N16
C58
B02
F01
B12
Ø8
C39
Ø14

FIG. 2

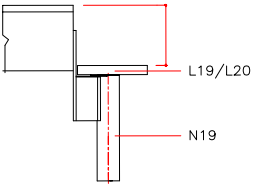


FIG. 4

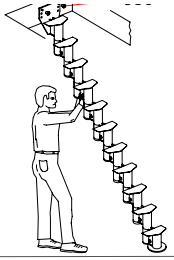


FIG. 3

HÖHE HEIGHT ALTURA HAUTEUR ALTEZZA HOOGTE WYSOKOŚĆ ALTURA VIŠINA VIŠINA VÝŠKA HØJDE HÖJD KORKEUS H cm	ANZAHL STUFENHÖHEN NUMBER OF RISERS NÚMERO TABIJAS NOMBRE HAUTEURS NUMERO ALZATE AANTAL OPTREDENS ILOŚĆ WYSOKOŚCI NÚMERO DE ALTURAS BROJ VISINA ŠTEVILO VIŠIN POČET VÝŠEK SCHODŮ ANTAL STIGNINGER NUMMER STEG NOUSUJEN MÄÄRÄ	ANZAHL STUFEN NUMBER OF TREADS NÚMERO PELDAÑOS NOMBRE MARCHES NUMERO GRADINI AANTAL TREDEN ILOŚĆ STOPNI NÚMERO DE DEGRAUS BROJ GAZIŠTA ŠTEVILO STOPNIC POČET SCHODNIC ANTAL TRIN NUMMER TRAPPSTEG ASKELMIEN MÄÄRÄ	STUFENHOHE MEASURE OF RISERS TABIJAS VALEUR DES HAUTEURS VALORE ALZATA HOOGTE OPTREDEN WYSOKOŚĆ VALOR ALTURA VISINA GAZIŠTA VIŠINA STOPNE PLOŠČE HODNOTA VÝŠKY SCHODU STIGNINGSVÆDIER STEG NOUSUN KORKEUS cm	ERSTE STUFE OBEN 1st TREAD ON TOP PRIMERO PELDAÑO EN ALTO 1ere MARCHE EN HAUT GRADINO DI PARTENZA DALL'ALTO ERSTE TREED BOVEN PIERWSZY STOPIEŃ OD GÓRI 1° DEGRAU EM CIMA GORNJE POLAZNO GAZIŠTE ZGORNJA STOPNA PLOŠČA POČÁTEČNÍ SCHODNICE NAHOŘE STARTTRIN FRA OVEN FÖRSTA TRAPPSTEGET UPPIFRÅN ALKUASKELMA YLHÄÄLTÄ LÄHTIEN	ERTSE STUFE UNTEN 1st TREAD ON BOTTOM PRIMERO PELDAÑO ABAJO 1ere MARCHE EN BAS GRADINO DI PARTENZA DAL BASSO ERSTE TREED VAN BENEDEN PIERWSZY STOPIEŃ OD DOŁU 1° DEGRAU EM BAIXO DONJE POLAZNO GAZIŠTE SPODNJA STOPNA PLOŠČA POČÁTEČNÍ SCHODNICE DOLE STARTTRIN FRA NEDEN FÖRSTA TRAPPSTEGET NERIFRÅN ALKUASKELMA ALHÄÄLTÄ LÄHTIEN
KIT 212÷257	11	10	19 ÷ 23.5		
231÷280	12	11	19 ÷ 23.5		
250÷304	13	12	19 ÷ 23.5		
269÷351	15	14	19 ÷ 23.5		

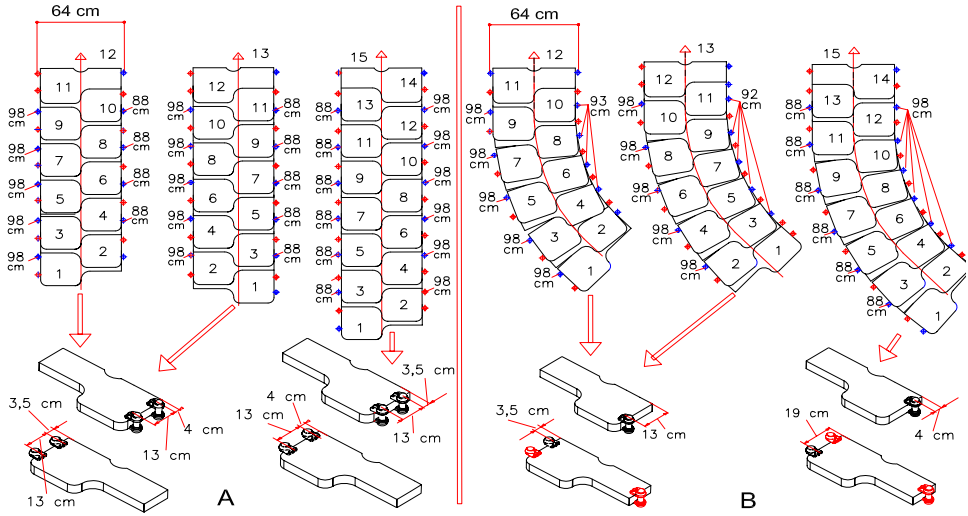


FIG. 5

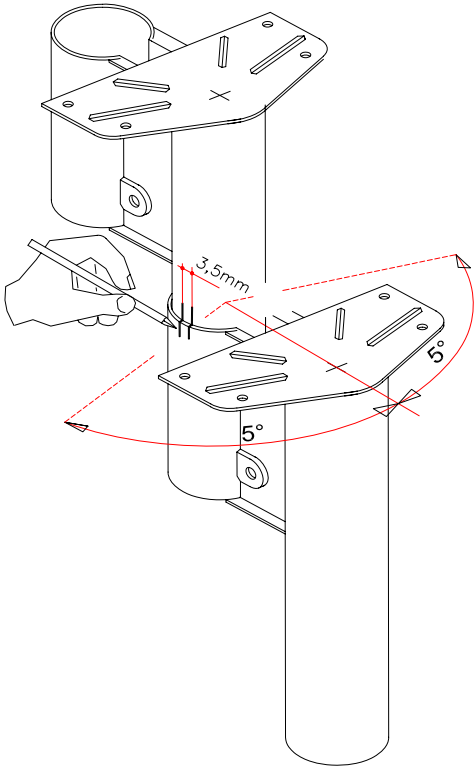
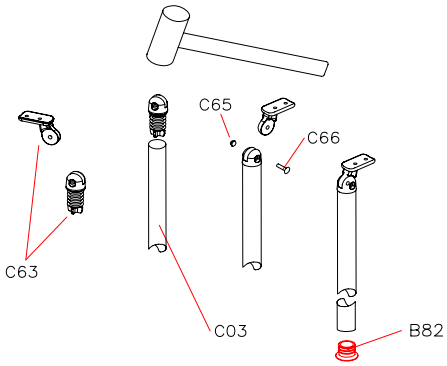
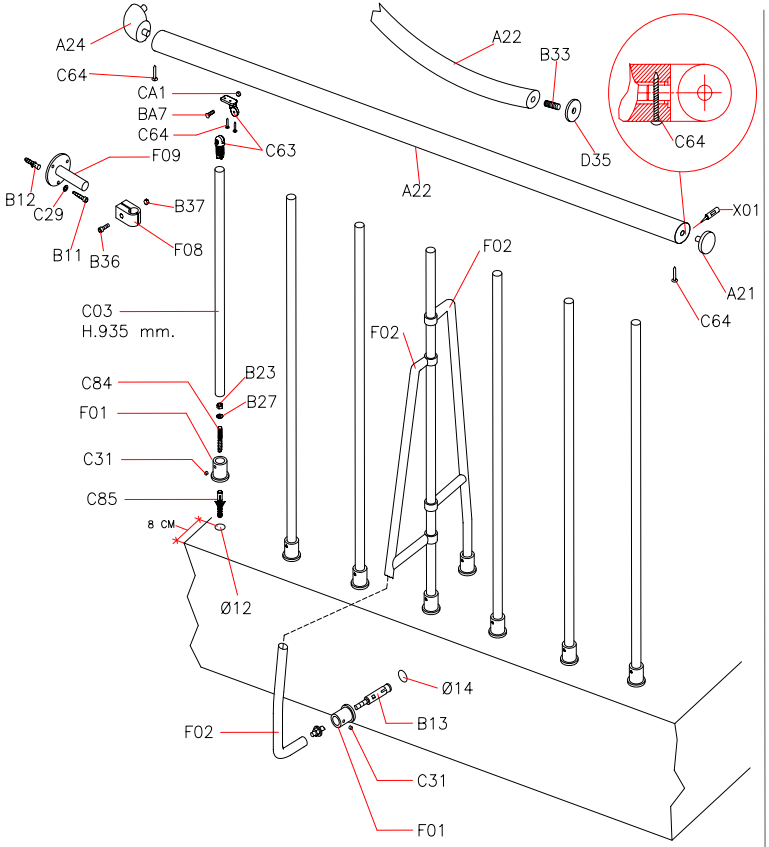
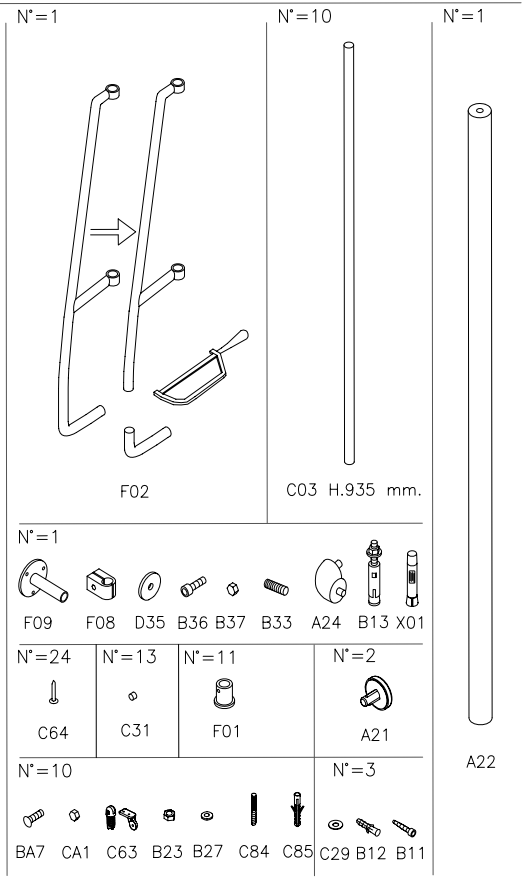


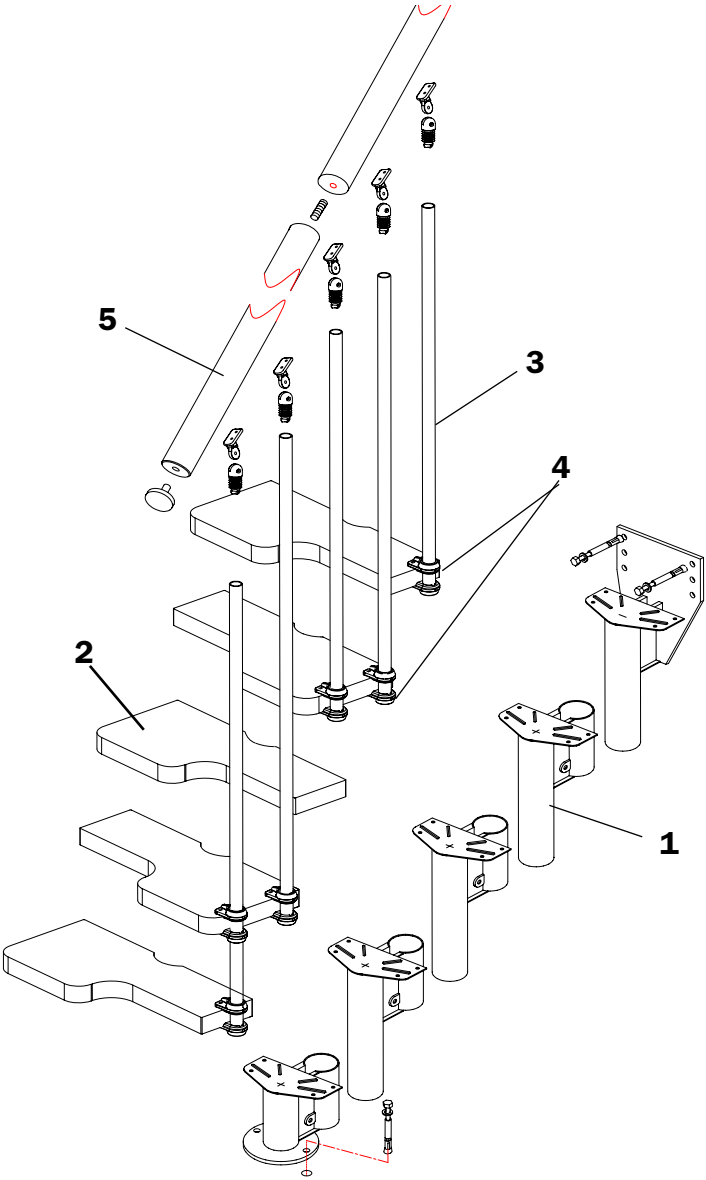
FIG. 6




A24
C64
CA1
BA7
C64
C63
F09
B12
C29
B11
B36
B37
F08
A22
A22
B33
D35
C64
X01
A21
C64
C03
H.935 mm.
F02
F02
B23
B27
C84
F01
C31
C85
8 CM
Ø12
Ø14
B13
F02
C31
F01


N°=1
F02
N°=10
C03 H.935 mm.
N°=1
A22
N°=1
F09 F08 D35 B36 B37 B33 A24 B13 X01
N°=24
C64
N°=13
C31
N°=11
F01
N°=2
A21
N°=10
BA7 CA1 C63 B23 B27 C84 C85
N°=3
C29 B12 B11

PRODUCT DETAILS


5
3
4
2
1

product details

trade name: **MAGIA 30**
type: flight staircase with alternate treads and flight rotation with slope

used materials

STRUCTURE

description
composed by metallic elements **(1)** assembled between themselves by bolts
materials
spacers: Fe 370
finishing
oven varnishing with epoxy powders

TREADS

description
treads **(2)** shaped in wood assembled to the structure by bolts
materials
birch plywood
finishing
colour: water-base
undercoat: polyurethane
finishing: polyurethane

RAILING

description
composed by vertical balusters **(3)** in metal fixed to the treads **(2)** and by a PVC handrail **(5)**
materials
balusters **(3)**: Fe 370
fixings **(4)**: nylon
handrail **(5)**: PVC with aluminium core
finishing
balusters **(3)**: oven varnishing with epoxy powders

CLEANING

clean with a soft wet cloth, without any product containing solvents or abrasive materials.

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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