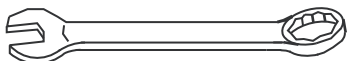




Karina Fitting Instructions





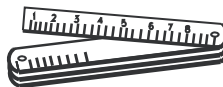
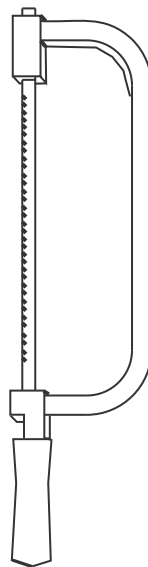
10 - 13 - 19 mm

~~$\frac{25}{64}$ "~~ - ~~$\frac{33}{64}$ "~~ - ~~$\frac{3}{4}$ "~~ in



3 - 5 - 6 - 10 mm

~~$\frac{1}{8}$ "~~ - ~~$\frac{13}{64}$ "~~ - ~~$\frac{15}{64}$ "~~ - ~~$\frac{25}{64}$ "~~ in



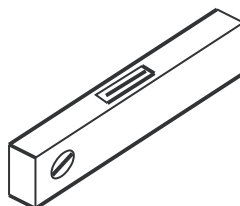
Ø 8*120 - Ø 14*150 mm

Ø ~~$\frac{5}{16}$ "~~ * 4 ~~$\frac{3}{4}$ "~~ - Ø ~~$\frac{9}{16}$ "~~ * 5 ~~$\frac{7}{8}$ "~~ in



Ø 6.5 mm

Ø ~~$\frac{1}{4}$ "~~ in



English

Before starting the assembly process, unpack all components of the staircase. Lay them out on a large surface and check the quantity of all the pieces, by consulting the table TAB.1 (A = Code, B = Quantity).

Inside the staircase box you will also find a DVD which we suggest watching before proceeding to assemble.

For customers in the USA there is a customer assistance number 1-888 STAIRKT, which you can telephone in case of problems.

Assembly

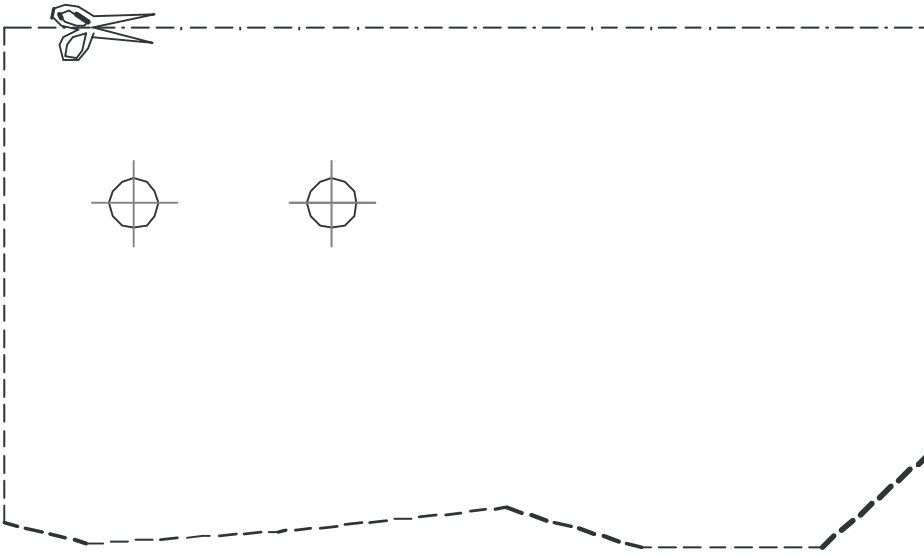
- Carefully measure the floor to floor height.
- Calculate the rise:
 - subtract 22 cm (8 1/2") from the floor to floor height you measured,
 - divide this value by the rises number minus one.Example: for the measured floor to floor height of 268 cm and a staircase with 12 rises;
 $(268-22)/(12-1)=22,36$ (8'3 1/2" - 8 5/8")/(12-1)=8 3/4".
- Determine the position of the support N19 (fig. 1) keeping in mind two points: 1) the rise, calculated previously, also contains the tread depth (L19 or L20) (fig. 2). 2) Position the support N19 keeping in mind the opening feature (fig. 3).
- Drill with the drill bit $\varnothing 14$.
- Assemble on the floor, in a straight line, the supports N19, N18, N17 and N16 keeping in mind the calculated rise. Use the parts C15, B71 and B75 (fig. 1). Tighten sufficiently keeping in mind that the supports N19, N18, N17 and N16 still have to rotate for the configurations B, C, D.
- Lift and position the structure with the support N19 which has to touch the floor (fig. 4). If the stair place is too tight, it is suggested to rotate some supports.
- Tighten the support N19 completely, by using the part C39 (fig. 1).
- Place on the floor, in sequence, one left tread (L19), one right tread (L20) and so on. Now determine which will be the first tread from the top (fig. 3).
- Cut along the shape (fig. 7 center page).
- Decide where to assemble the railing (inside or outside) (fig. 3) and pierce the treads (L19, L20) with the drill bit 6,5 using the template only for the straight sides. To find the fixing point on the short side of the winding treads (L19, L20) maintain the same distance as the one between the balusters (C12) to assemble on the long side of the tread (fig. 3).
- Assemble and tighten the parts F23 by using the parts C14, B83, B86, C13, B02 (fig. 1).
- Attach the treads (L19, L20) completely starting from the top to the support N16, by using the parts C40 (fig. 1).
- The configuration A (straight) doesn't need any further changes (fig. 3).
 - The configurations B or C need a rotation of 13° (fig. 3).
 - The configuration D needs a rotation of 18° (fig. 3).
- To rotate the supports of 13° or 18° you have to proceed as follows:
 - Set out with a pencil, at the connection point of two supports, two vertical lines at a distance of 9 mm (0,35") (to rotate 13°, configuration B or C) (fig. 5) or 13 mm (0,51") (to rotate 18°, configuration D) (fig. 6).
 - Loosen the parts C15, one support by one, starting from the top and rotate until one of the lines matches the one of the top according to the direction of rotation.
 - Tighten the parts C15 completely (fig. 1).

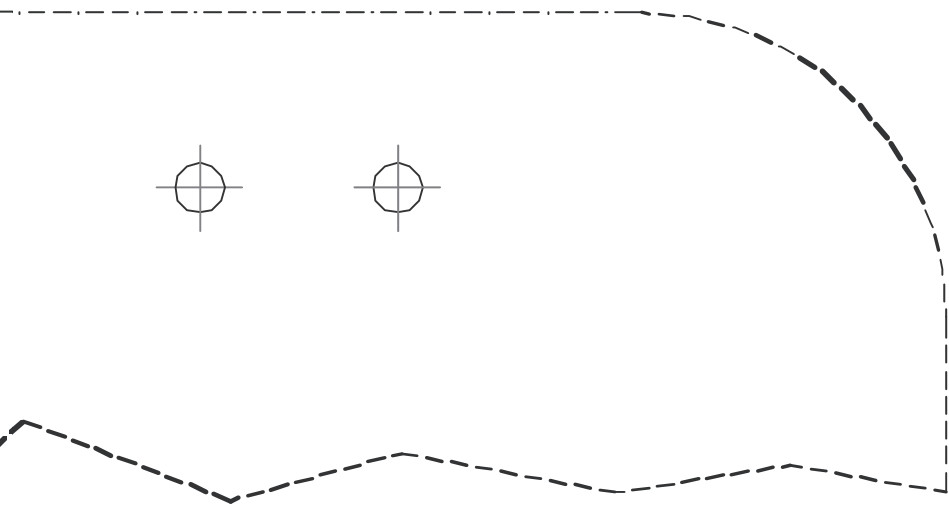
Assembly of the Railing

- Assemble the parts C28 by using the parts C13, B02 and insert them into the balusters (C12) (fig. 1).
- Insert the balusters (C12) into the parts F23, blocking them by the part B02.
- The first balusters (C12) of the long side of every tread (L19, L20) have to be cut.
- Tighten the part C28 completely, by using the part B02 (fig. 1). For a correct assembly twist the key at about 90° from the contact point.

Final Assembly

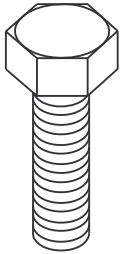
19. Control the vertical line of the whole stair and, if necessary, correct it by moving the support N16 (fig. 1).
20. Disassemble the first tread (L19 or L20) and drill the floor with a \varnothing 14 tip in relation to the present holes on the support N16 (fig. 1).
21. Insert the parts C39 and tighten completely (fig. 1).
22. Reassemble the first tread (L19 or L20) and fix on the floor, in relation to the first baluster (C12), the part F01, by drilling with a \varnothing 8 tip. Use the parts B11, B12, B83 and B02 (fig. 1).
23. Insert the baluster (C12) and tighten the part B02 (fig. 1).





TAB 1

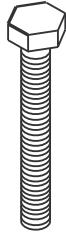
A	B	
B02	62 B11	
	2 B12	
	2 B71	
	20 B75	
	40 B83	
	62 B86	
	30	
C12	15	
	C13	60
C14	30	
	C15	20
C28	15	
	C39	4
C40	44 F01	
	2 F23	
	30	



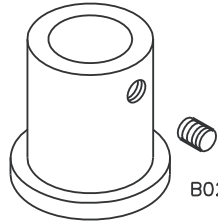
C15



B75

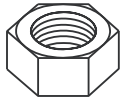


C14



F01

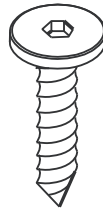
B02



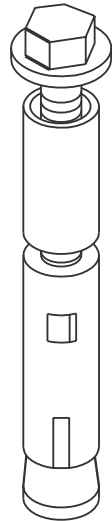
B71



B86



C40



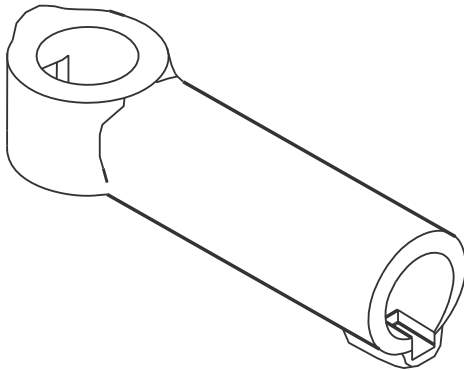
C39



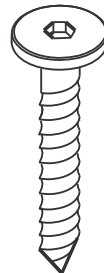
C13



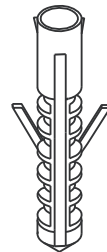
B83



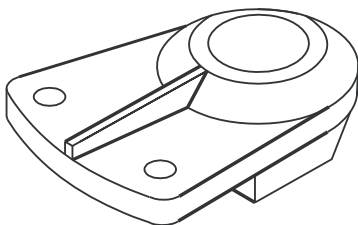
C28



B11



B12



F23

FIG. 1

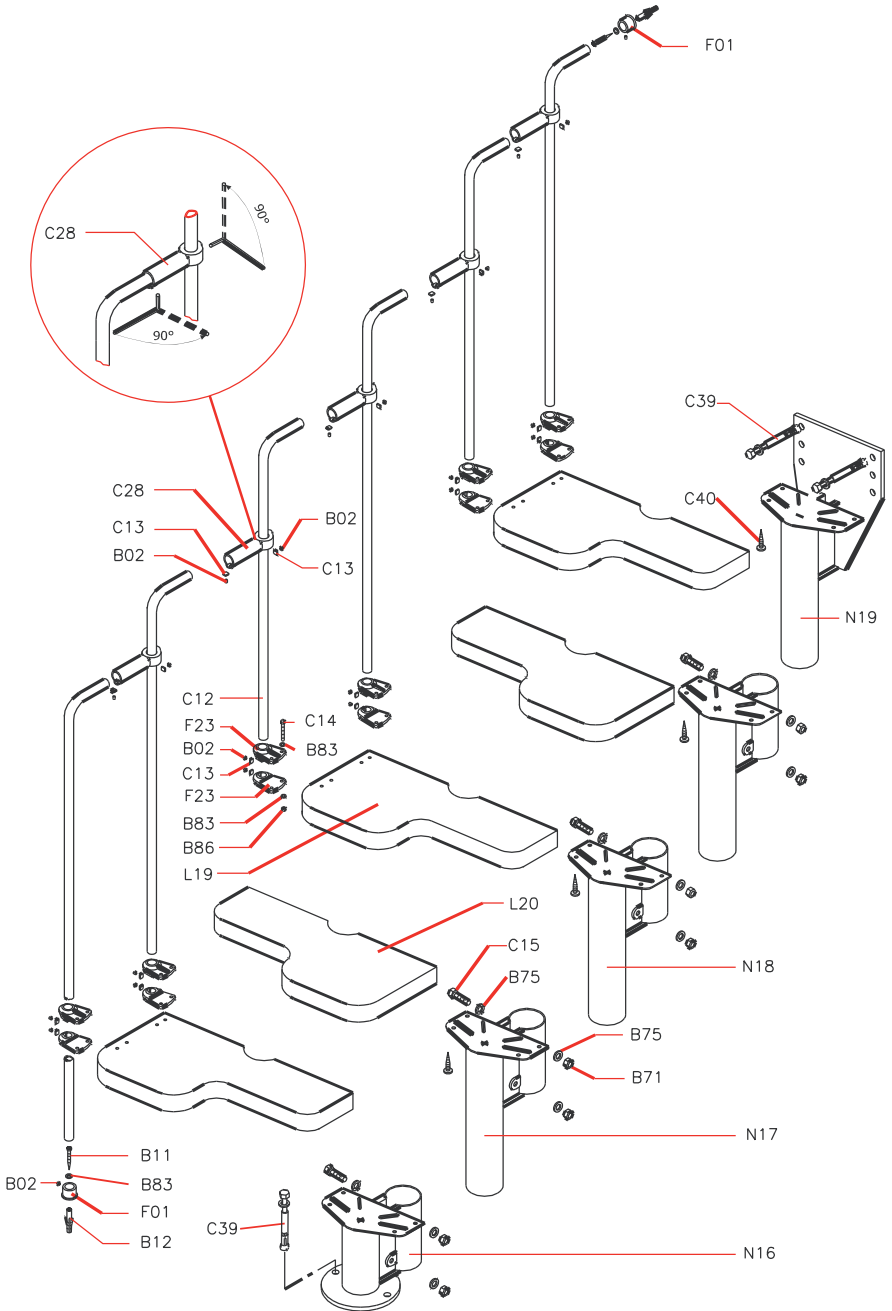


FIG. 2

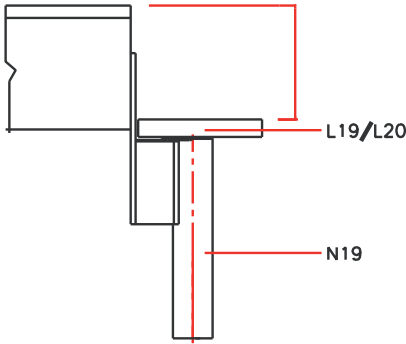


FIG. 4

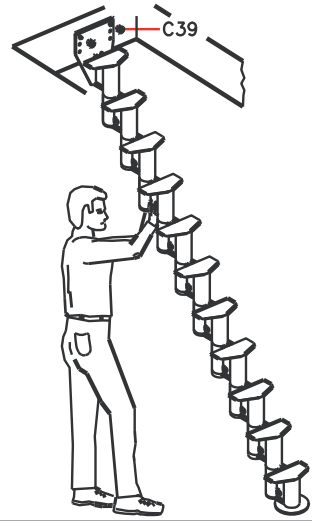


FIG. 3

	HÖHE HEIGHT ALTURA HAUTEUR ALTEZZA HOOGTE WYSOKOŚĆ ALTURA VISINA VÝŠKA HØJDE HÖJD KORKEUS	ANZAHL STUFENHÖHEN NUMBER OF RISERS NÚMERO TABLAJAS NOMBRE HAUTEURS NUMERO ALZATE AANTAL OPTREDENS ILOŚĆ WYSOKOŚCI NÚMERO DE ALTURAS BROJ VISINA ŠTEVILO VIŠIN POČET VÝŠEK SCHODU 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	STUFENHÖHE MEASURE OF RISERS TABLAJAS VALEUR DES HAUTEURS VALORE ALZATA HOOGTE OPTREDEN WYSOKOŚĆ VALOR ALTURA VISINA GAZIŠTA VISINA STOPNE PLOŠČE HIGNOTA VÝŠKY SCHODU STIGNINGSVÆDIER STEG NOUSUN KORKEUS	ERSTE STUFE OBEN 1st TREAD ON TOP PRIMERO Peldaño EN ALTO 1ere MARCHÉ EN HAUT GRADINO DI PARTENZA DALL'ALTO ERSTE TRED BOVEN PIERWSZY STOPIEN OD GÓRI 1° DEGRAU EM CIMA GORNJE POLAZNO GAZIŠTE ZGORNJA STOPNA PLOŠČA POČATEČNI SCHODNICE NAHORE STARTTRIN FRA OVMEN FÖRSTA TRAPPSTEGET UPPIFRÅN ALKUASKELMA YLHÄÄLTÄ LÄHTIEN	ERTSE STUFE UNTEN 1st TREAD ON BOTTOM PRIMERO Peldaño ABAJO 1ere MARCHÉ EN BAS GRADINO DI PARTENZA DAL BASSO ERSTE TRED VAN BENEDEN PIERWSZY STOPIEN OD DOLU 1° DEGRAU EM BAIXO DONJE POLAZNO GAZIŠTE SPODNJA STOPNA PLOŠČA POČATEČNI SCHODNICE DOLE STARTTRIN FRA NEDEN FÖRSTA TRAPPSTEGET NERIFRÅN ALKUASKELMA ALHÄÄLTÄ LÄHTIEN
	H cm			cm		
	209+258.5	11	10	19 + 23.5		
KIT	228+282	12	11	19 + 23.5		
	247+305.5	13	12	19 + 23.5		
	266+329	14	13	19 + 23.5		

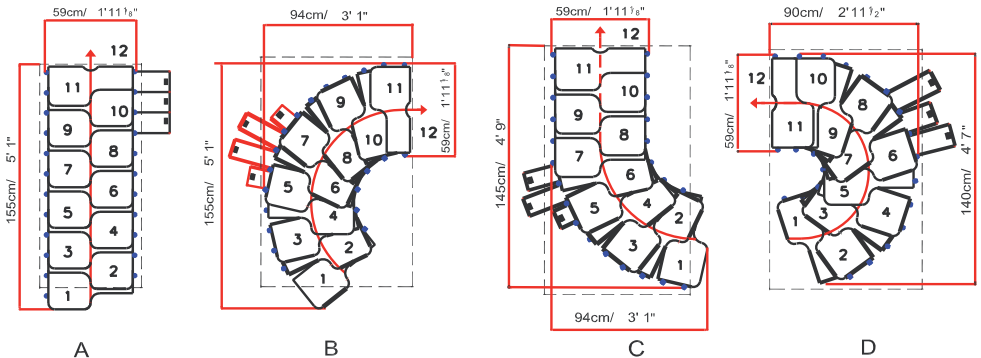


FIG. 5

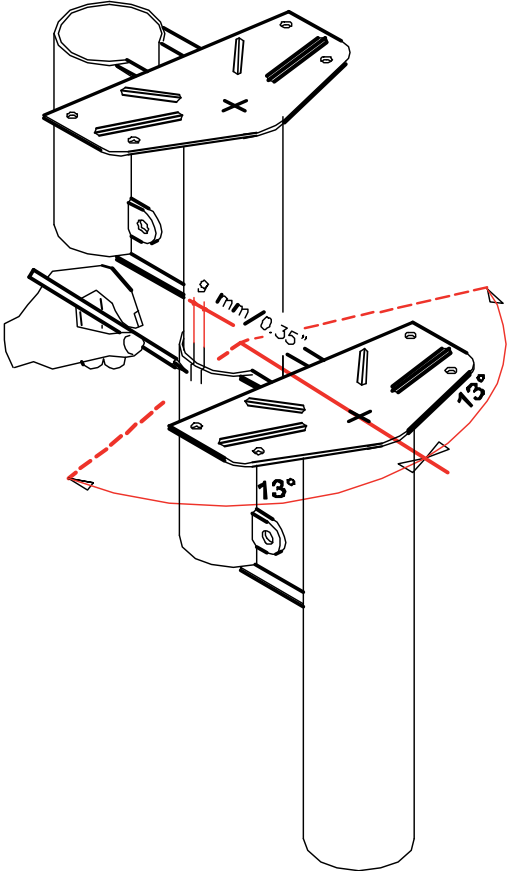
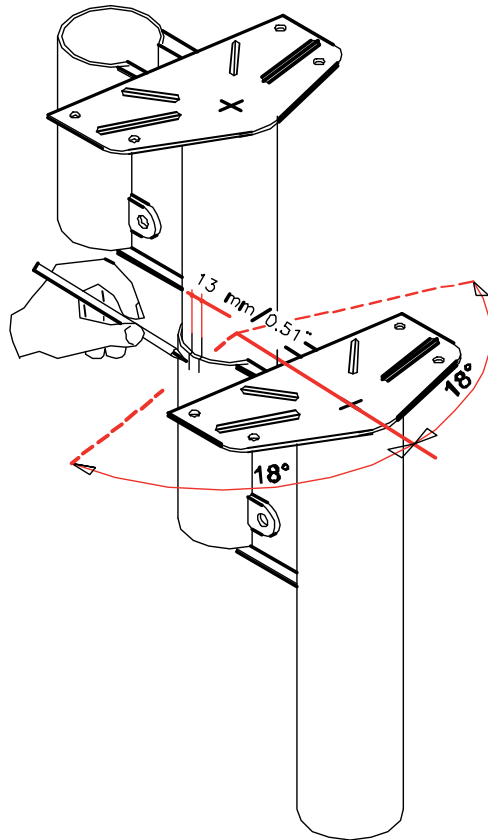
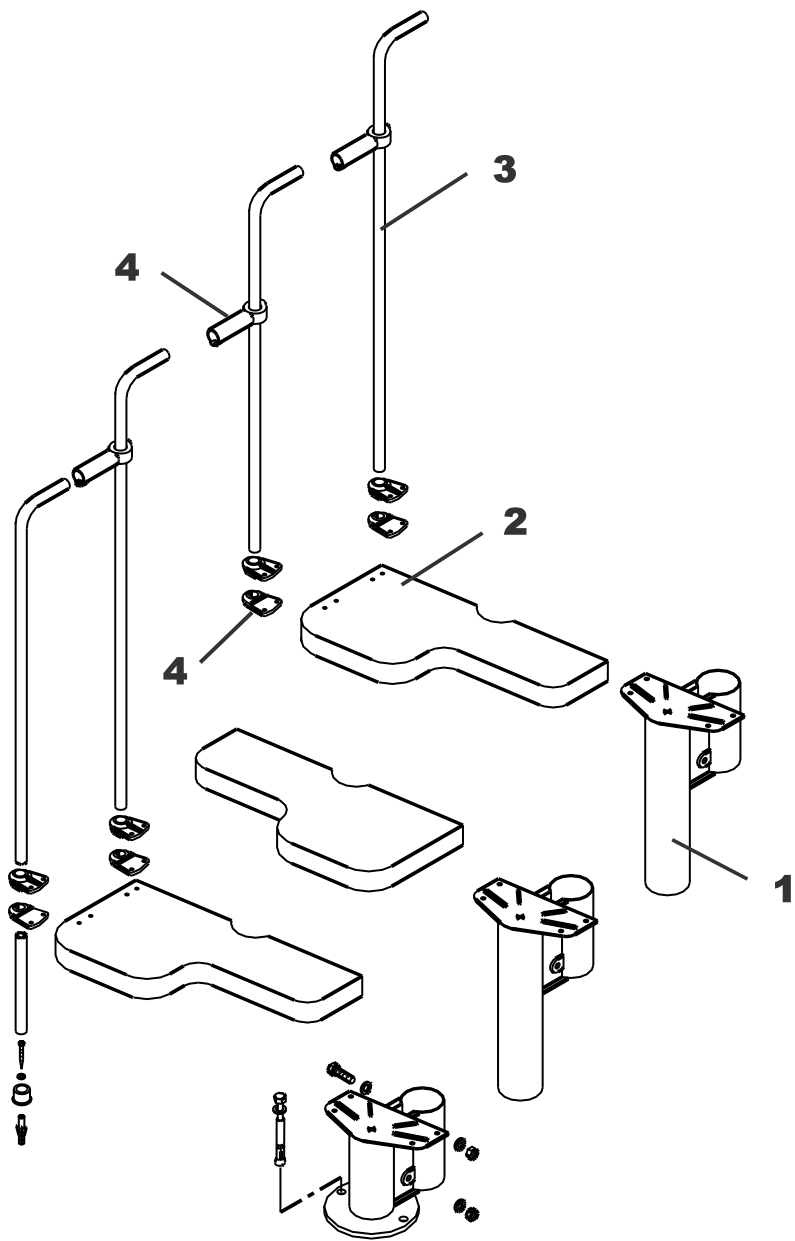


FIG. 6





GB)

product details

trade name: KR

type: flight with alternate treads and rotation without interruption

used materials

STRUCTURE

description

composed by metallic elements **(1)** assembled between themselves by bolts

materials

Fe 370

finishing

oven varnishing with epoxy powders

TREADS

description

treads **(2)** shaped in wood assembled to the structure by bolts

materials

beech

finishing

water-base colour
polyurethane undercoat
polyurethane finishing

RAILING

description

composed by vertical spindles **(3)** in metal fixed to the treads **(2)**

materials

spindles: Fe 370

fixings **(4)**: nylon

finishing

spindles: 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. special maintenancemust be done by skilled staff. please contact the provider.

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.

Karina Riser Bar Kit

