

## NEW DIMENSIONS

**Attic ladders**

**Space saving staircases**

**Modular staircases**

**Spiral staircases**

**Main staircases**

**DOLLE**  
The safe way up!..



# Barcelona

Spiral staircases in metal and wood

Floor-to-floor height	13 rises (12 treads) - for heights up to 291,2 cm (Rise 20,8 - 22,4 cm).
Diameter	Ø 140 cm
Treads	35 mm beech multiplex, varnished.
Banister	Balusters 25 mm metal pipes.
Platform	Triangle shaped in 56° (can be used for round or square openings). Platform and platform banister enclosed.
Packaging	116 x 78,5 x 40 cm, weight 130 kg

# Barcelona

## Technical data (model 68720)

Diameter (mm)	Opening size (mm)	Number of treads standard	Height, standard (mm)	Rise per tread (mm)
Ø 1400	Min. 1500 x 1500	12 + landing	- 2912	208 - 224

## Treads/landing

Material: 35 mm beech multiplex, varnished

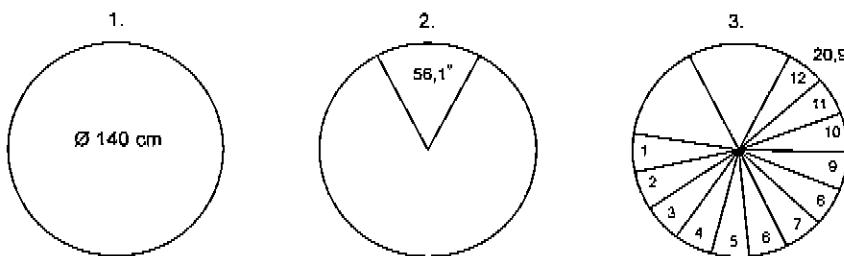
## Banister

Balusters: Metal 25/12 mm  
 Colour Powdercoated RAL-9006  
 Height 910 mm

Banister for the whole staircase and landing is delivered as standard.

## Find the entrance point of the staircase

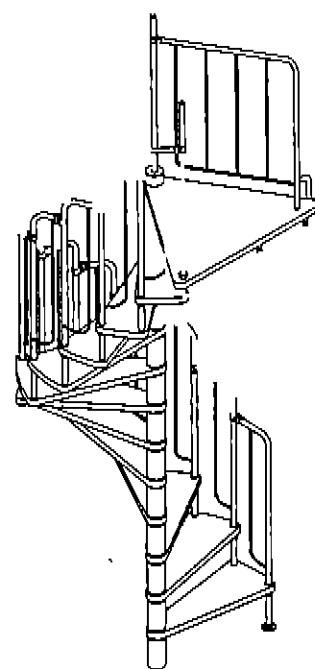
1. Draw a circle with the appropriate diameter
2. Draw a platform with an angle of 56,1°
3. Draw the requested number of treads using the tread angle of 20,9°. Place the treads according to left or right turn.



Example with Ø140, left turn, 12 treads + platform

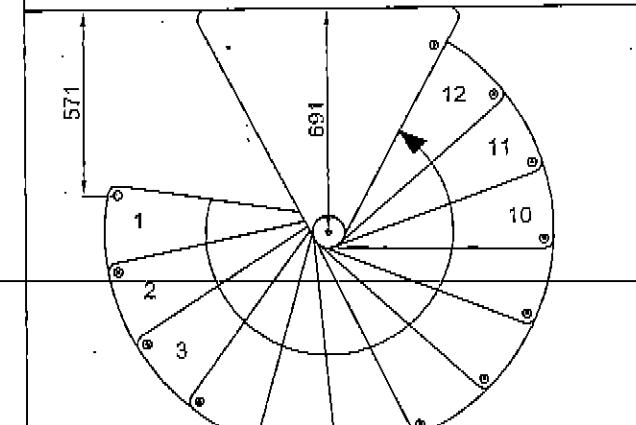
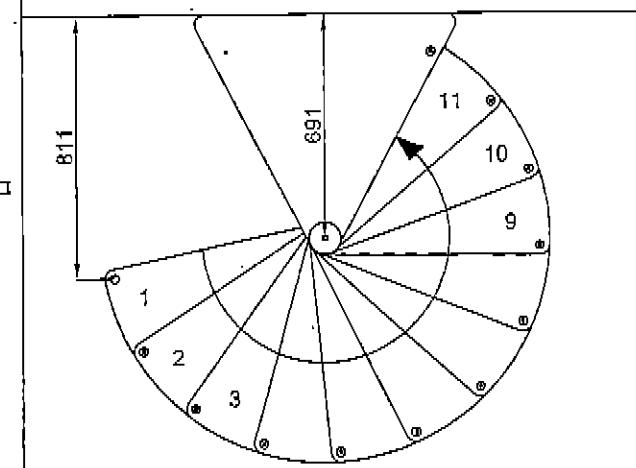
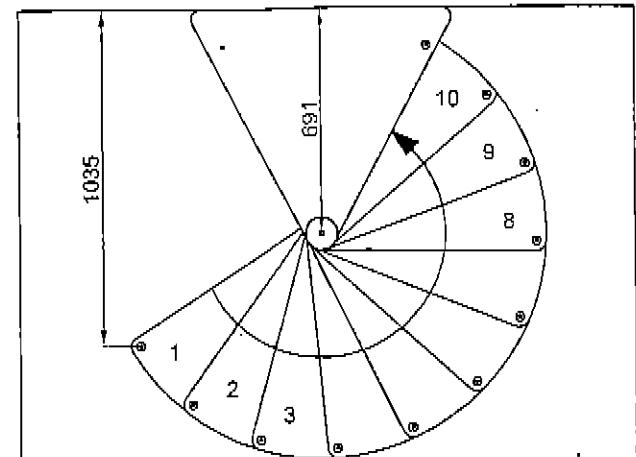
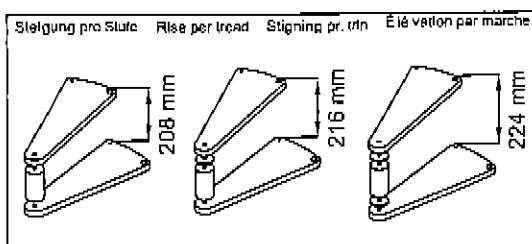
# Barcelona

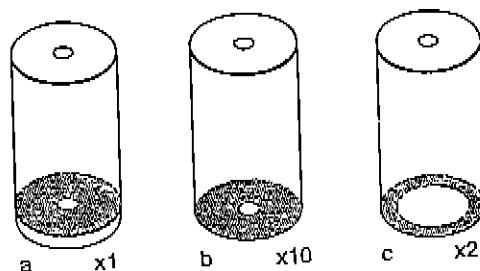
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Mö gliche Geschoss Hö he von Boden bis Boden in mm.  
Floor to floor height maximum in mm  
Mullge lofthøjde fra gulv til gulv i mm.  
Hauteurs sol à sol possibles (en mm)

(p)	10	11	12
0	2288	2496	2704
1	2298	2504	2712
2	2304	2512	2720
3	2312	2520	2728
4	2320	2528	2736
5	2328	2536	2744
6	2336	2544	2752
7	2344	2552	2760
8	2352	2560	2768
9	2360	2568	2776
10	2368	2576	2784
11	2376	2584	2792
12	2384	2592	2800
13	2392	2600	2808
14	2400	2608	2816
15	2408	2616	2824
16	2416	2624	2832
17	2424	2632	2840
18	2432	2640	2848
19	2440	2648	2856
20	2448	2656	2864
21	2456	2664	2872
22	2464	2672	2880
23	2472	2680	2888
24	2480	2688	2896
25	2488	2696	2904
26	2496	2704	2912



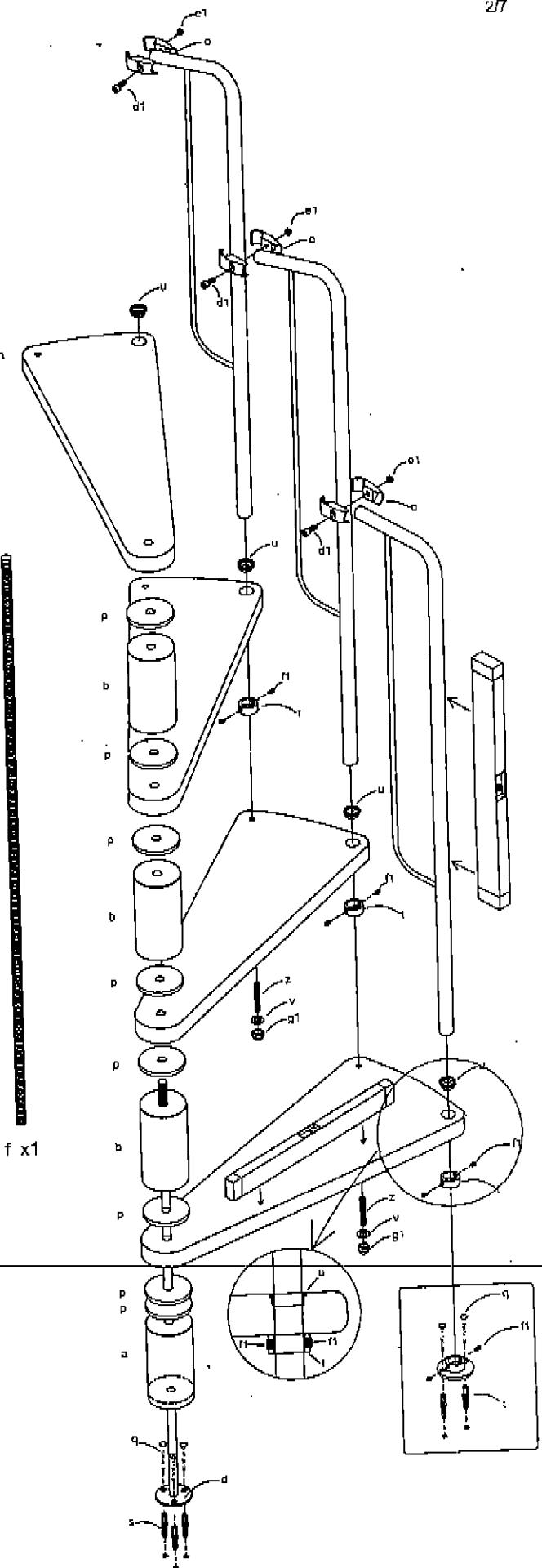
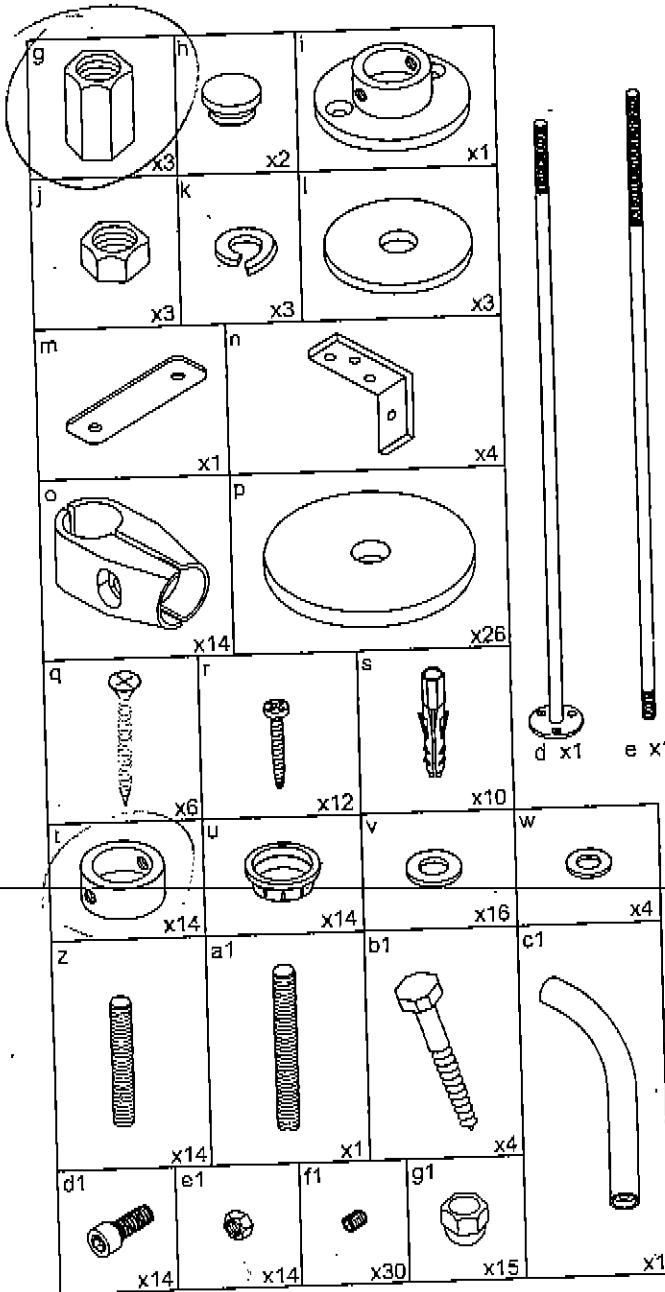


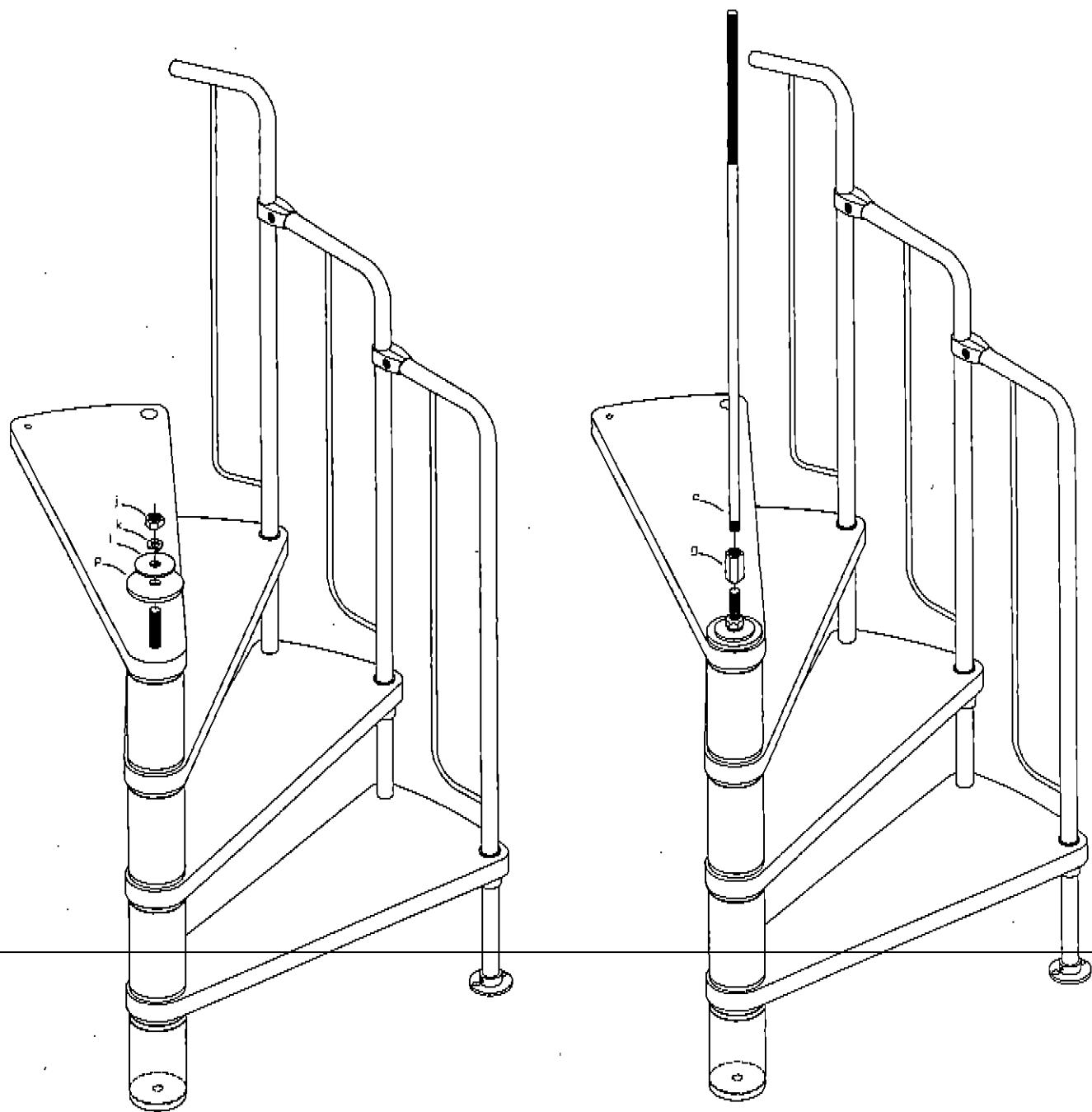
**Achtung:**  
Das Startgelenk muss erst im Boden befestigt werden, wenn das Podest befestigt worden ist, da es sonst nicht mehr gleich ist, die Treppe zu drehen, so dass das Podest parallel zu der Wand steht.

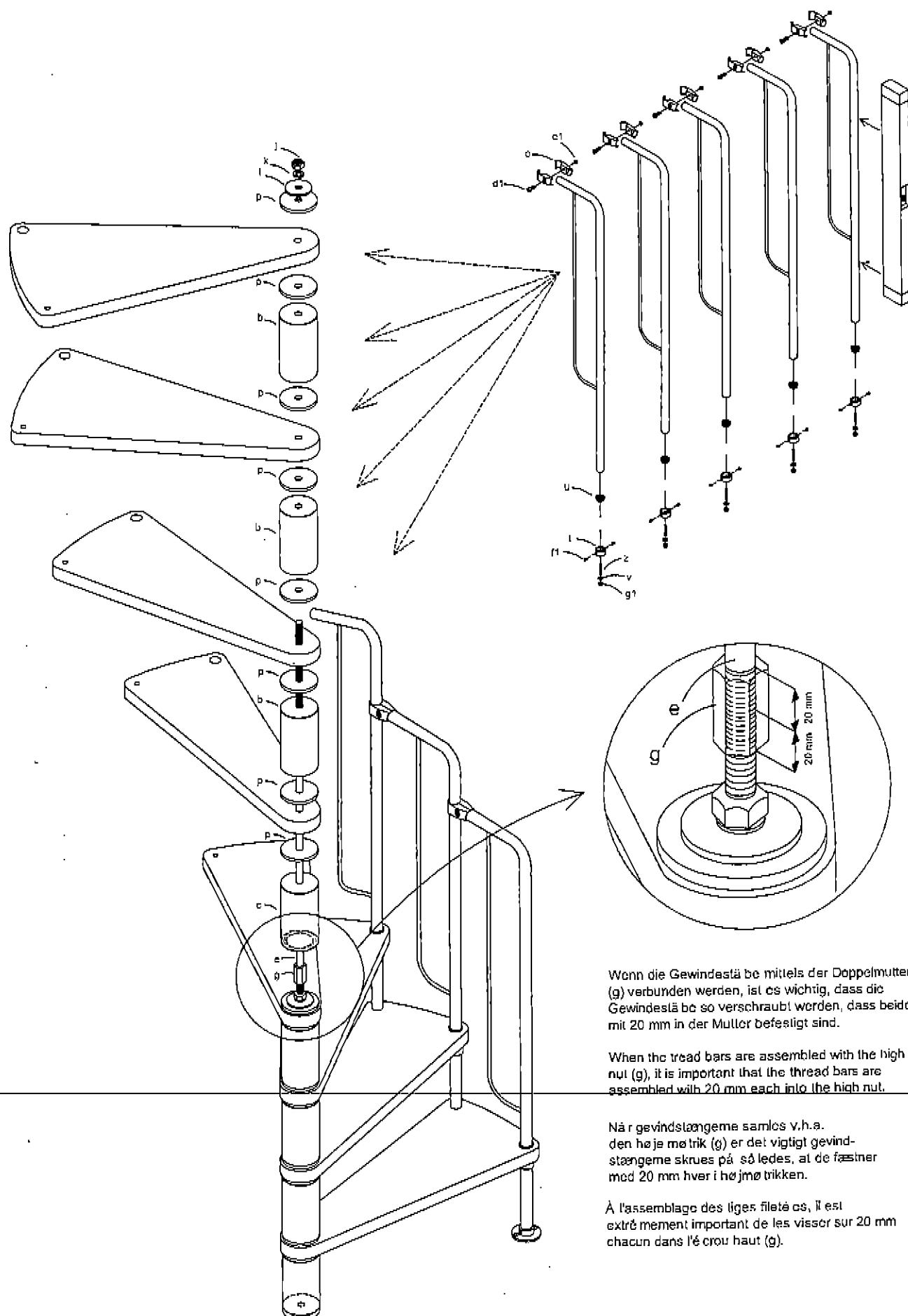
**Do not tighten the starting banister to the floor until the landing has been put on, as it will otherwise not be possible to turn the staircase so that the landing is parallel to the wall.**

Vent med til fiksere startgångstangen i gulvet indtil trappe er på sat, da det ellers ikke er muligt at rettere trappen så ledet til trappe sættes parallelt ind mod væggen.

**Ne pas fixer la rampe de départ au sol avant d'avoir posé la marche plate ro, sinon il sera impossible de faire tourner l'escalier pour l'aligner parfaitement contre le mur.**







Wenn die Gewindestäbe mittels der Doppelmutter (g) verbunden werden, ist es wichtig, dass die Gewindestäbe so verschraubt werden, dass beide mit 20 mm in der Mutter befestigt sind.

When the tread bars are assembled with the high nut (g), it is important that the thread bars are assembled with 20 mm each into the high nut.

Når gevindstængeme samles v.h.a. den høje møtrik (g) er det vigtigt gevindstængeme skrues på så ledes, at de fastner med 20 mm hver i højmøtrikken.

À l'assemblage des liges fileté cs, il est extrêmement important de les visser sur 20 mm chacun dans l'é crou haut (g).

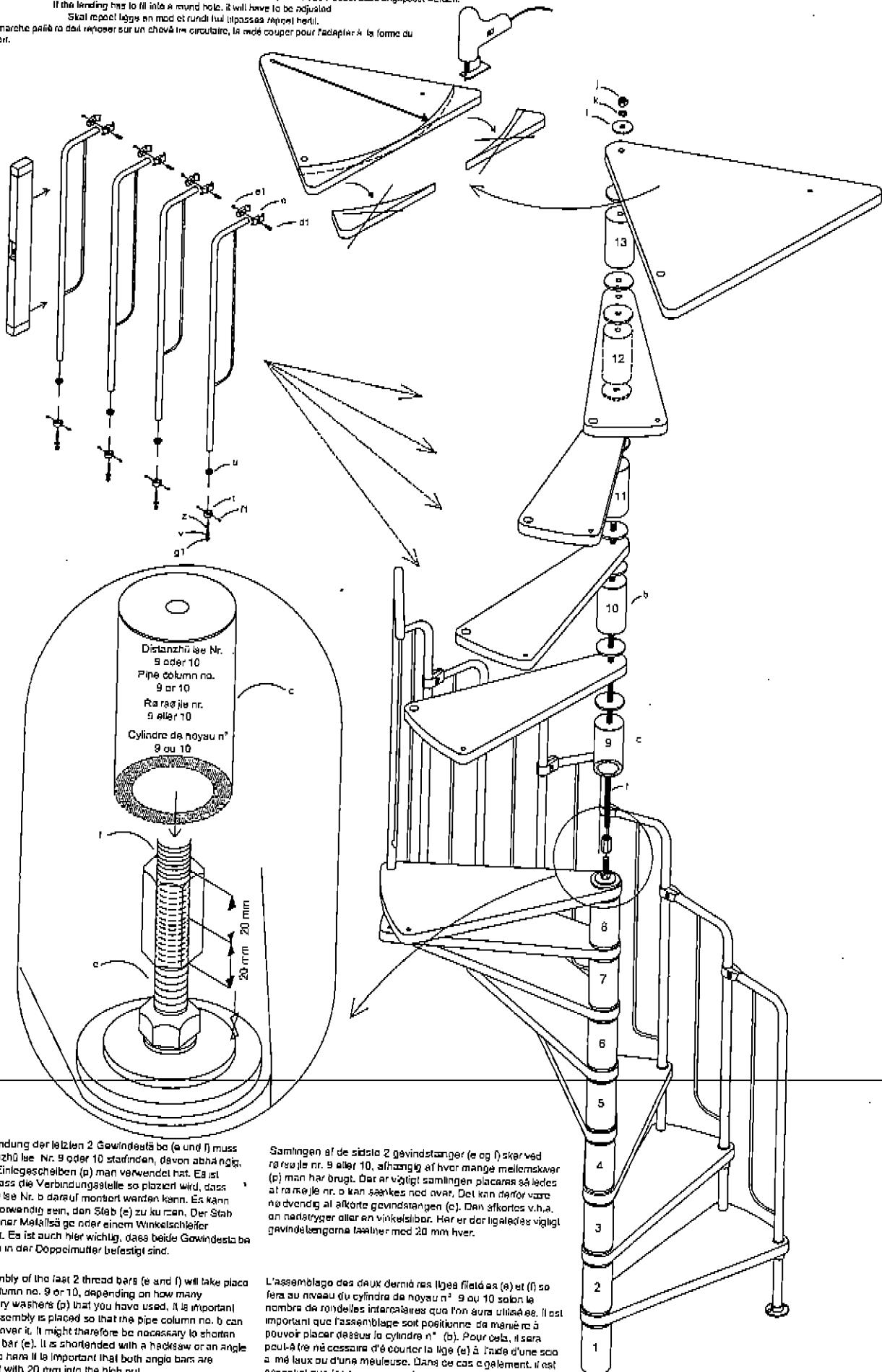
Wenn das Podest in einer runden Deckenöffnung montiert werden soll, muss das Podest dazu angepasst werden.

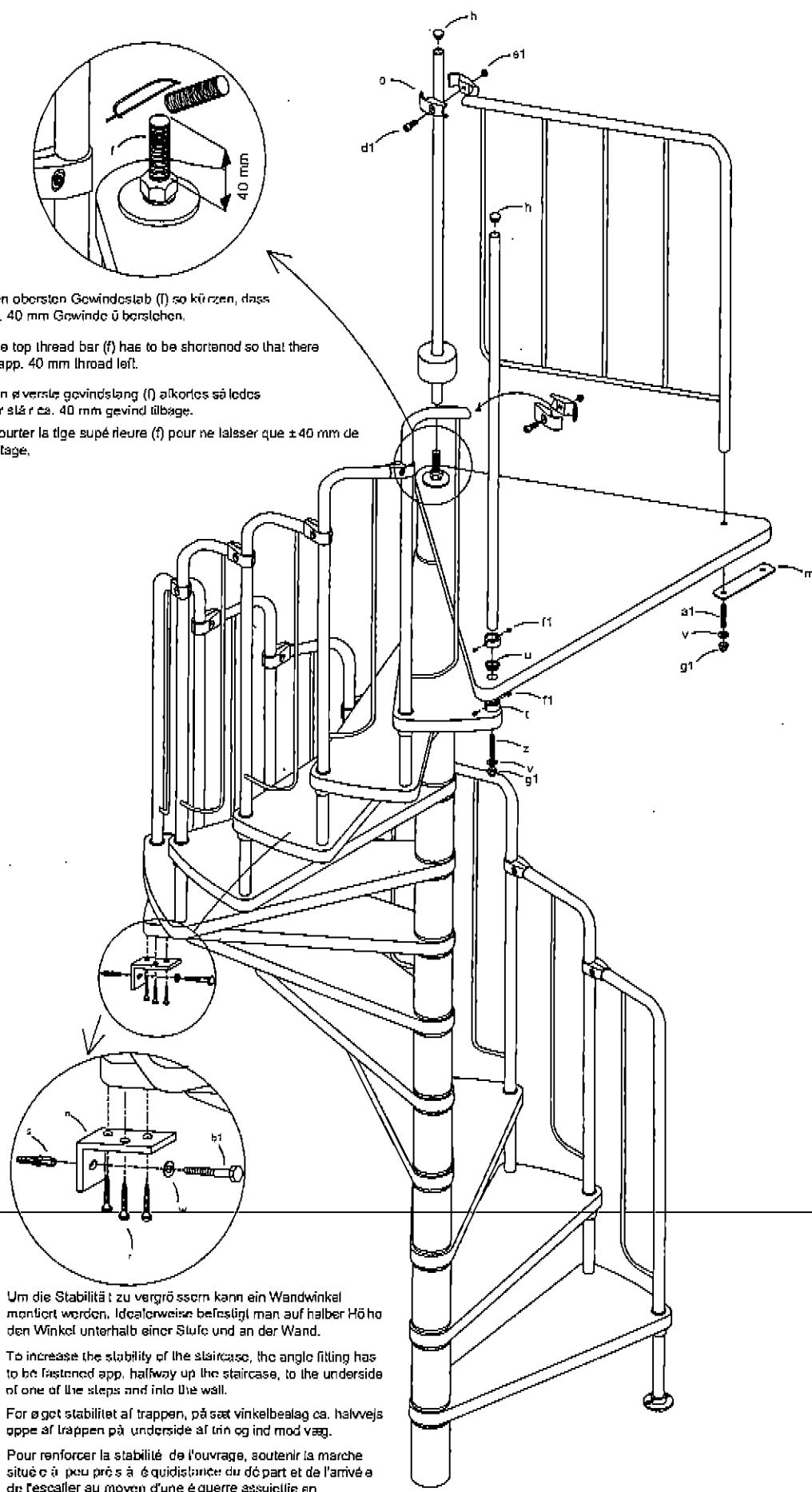
If the landing has to fit into a round hole, it will have to be adjusted.

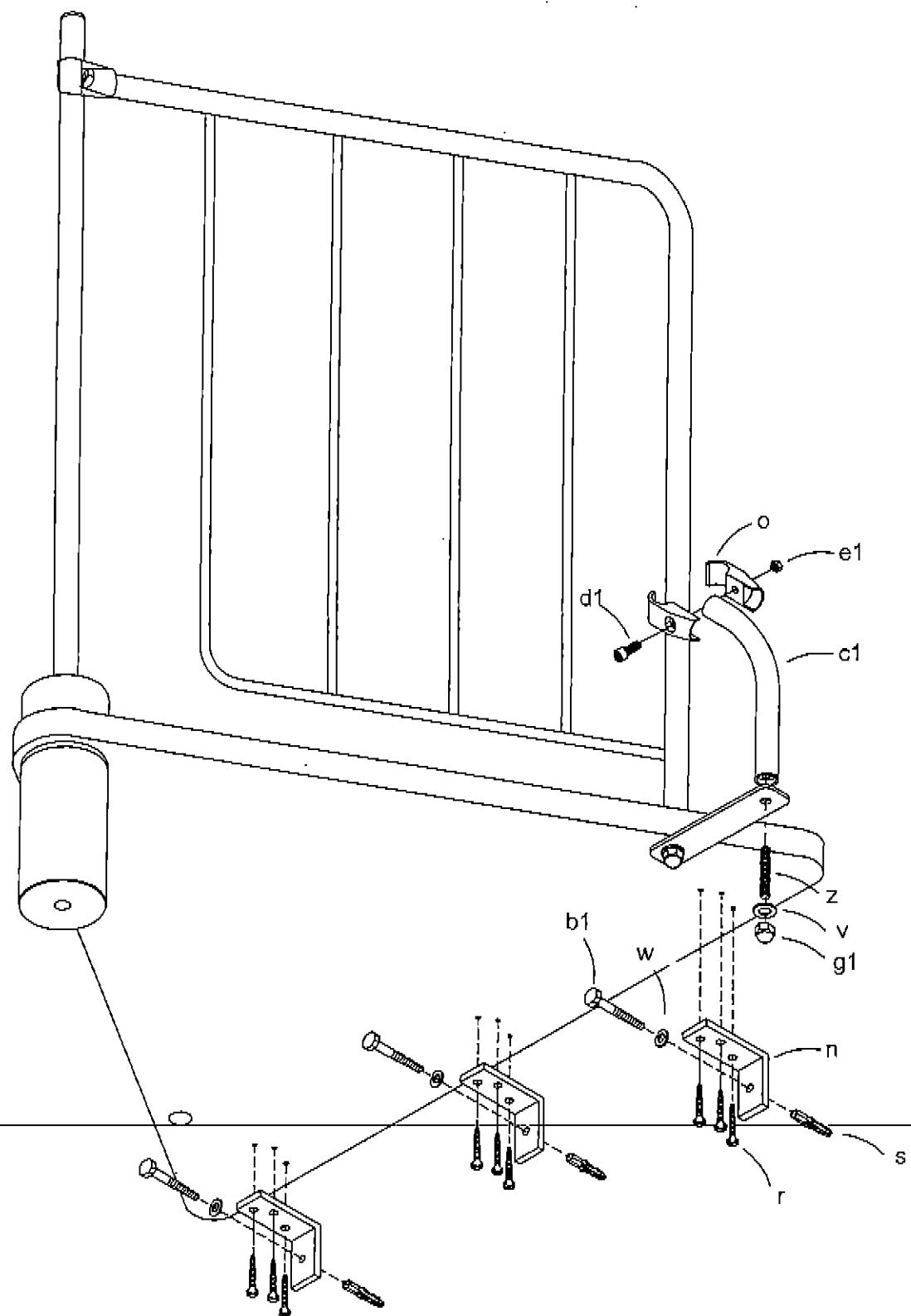
Skal repot legge en mod et runde hull tilpasses nogen hul.

Si la marche doit être décalée pour s'adapter à la forme du support.

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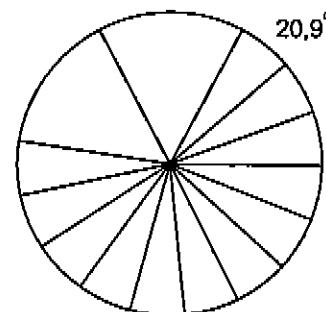
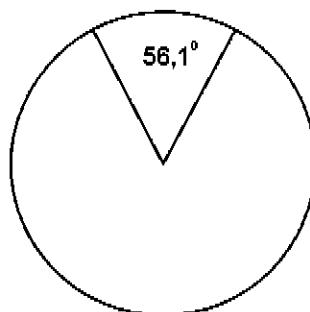
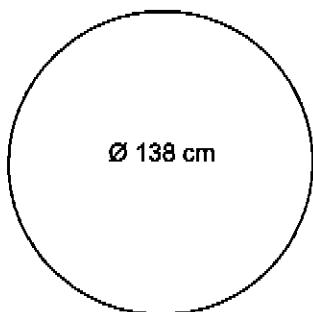


# BARCELONA

## Spiral staircases in metal and wood.

Floor-to-floor height: 13 risers (12 treads) - for heights up to 292 cm.  
 (Rise 20,8 - 22,4 cm)  
 Diameter: Ø 138  
 Treads: 35 mm beech multiplex, varnished  
 Banister: Balusters 25 mm metal pipes.  
 Platform: Triangle shaped in 56° (can be used for round or square openings). Platform and platform banister enclosed.  
 Packing: 116x78,5x40 cm, weight 130 kg.

Diameter (mm)	Opening size (mm)	Number of treads standard	Height, standard (mm)	Rise per tread (mm)
Ø 1380	Min. 1480 X 1480	12 + landing	- 2912	208 - 224



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**BARCELONA****Spiral staircases in metal and wood.**

Floor-to-floor height: 13 risers (12 treads) - for heights up to 292 cm.  
(Rise 20,8 - 22,4 cm.)

Diameter: Ø 138

Opening size: Min. 148 x 148 cm.

Treads: 35 mm beech multiplex, varnished

Banister: Balusters 25 mm metal pipes.

Platform: Triangle shaped in 56° (can be used for round or square openings). Platform and platform banister enclosed.

Packing: 116x78,5x40 cm., weight 130 kg.

