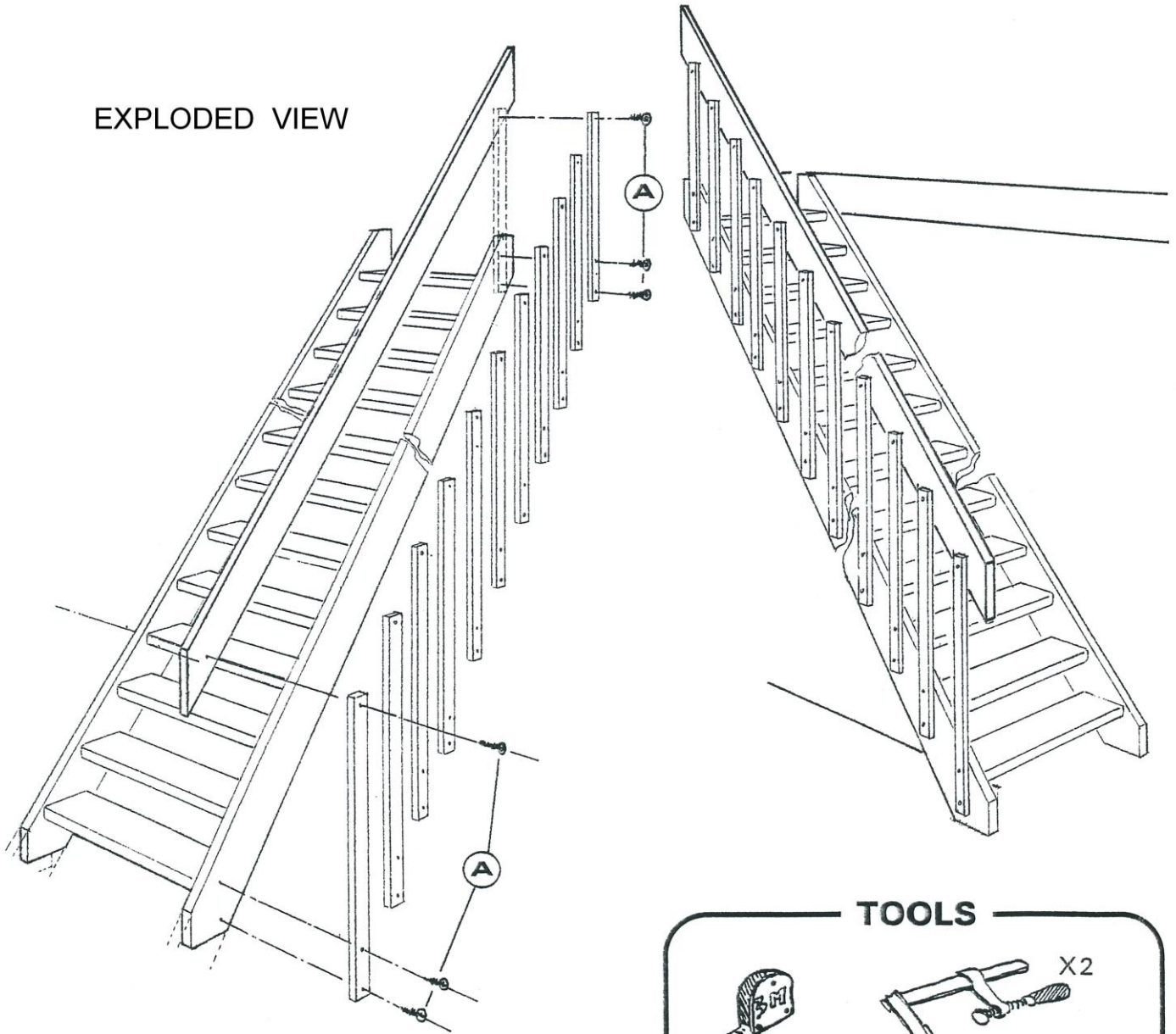


# SQUARE PROFILE BALUSTRADE

## ASSEMBLY INSTRUCTIONS

EXPLODED VIEW

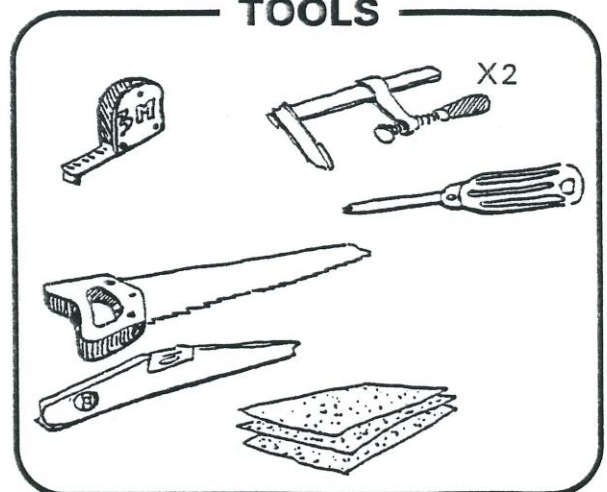


### HARDWARE

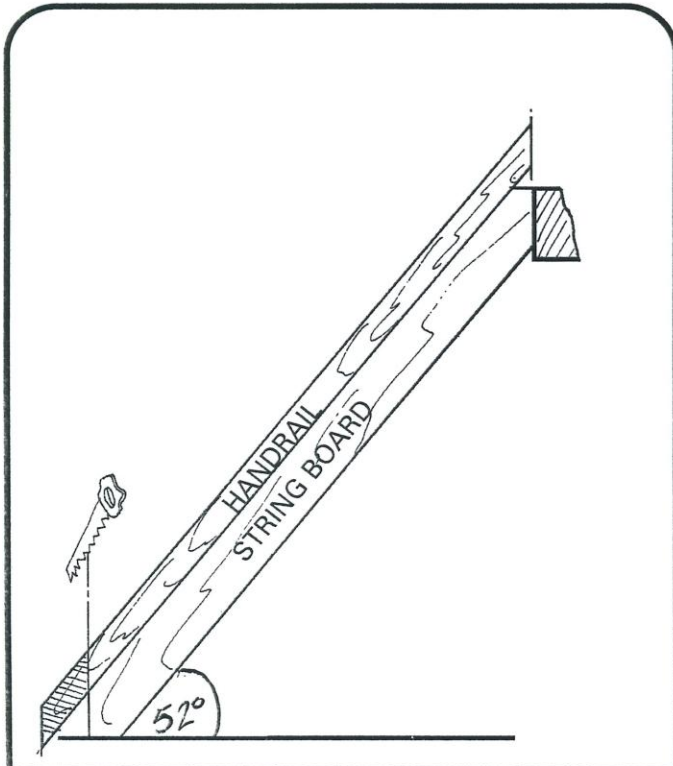
For bannister

(A)  5.50 screw x 45

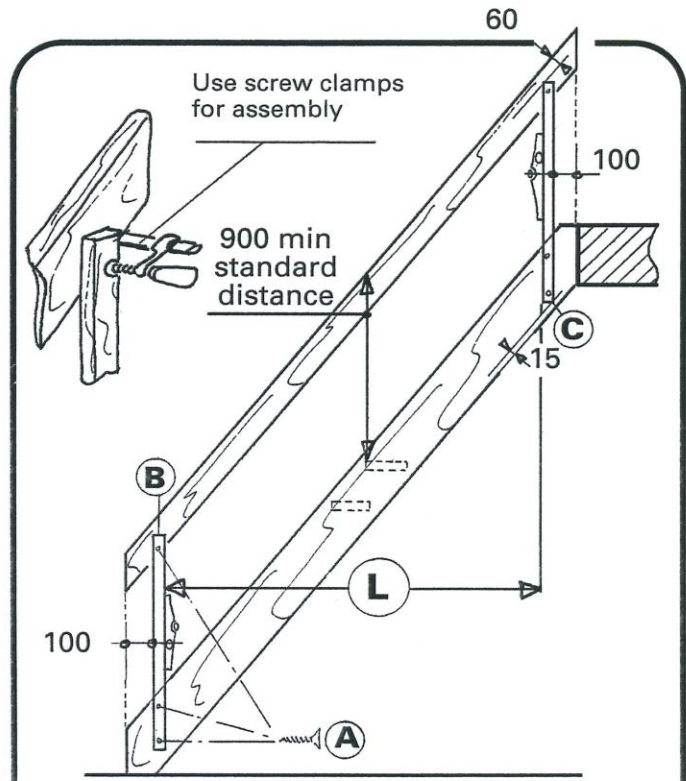
### TOOLS



DIMENSIONS in mm



① Recut the hand rail to the length of the staircase.



② Fasten the first and last baluster 100 mm from the ends. Fasten the handrail. Measure the gap between the two balusters.

N	number of balusters	if is between	L
---	---------------------	---------------	---

Z = baluster spacing  
N = number of balusters  
L = distance B - C

1	111	267
2	268	424
3	425	581
4	582	738
5	739	895
6	896	1052
7	1053	1209
8	1210	1366
9	1367	1523
10	1681	1837
12	1838	1994

How to calculate Z  

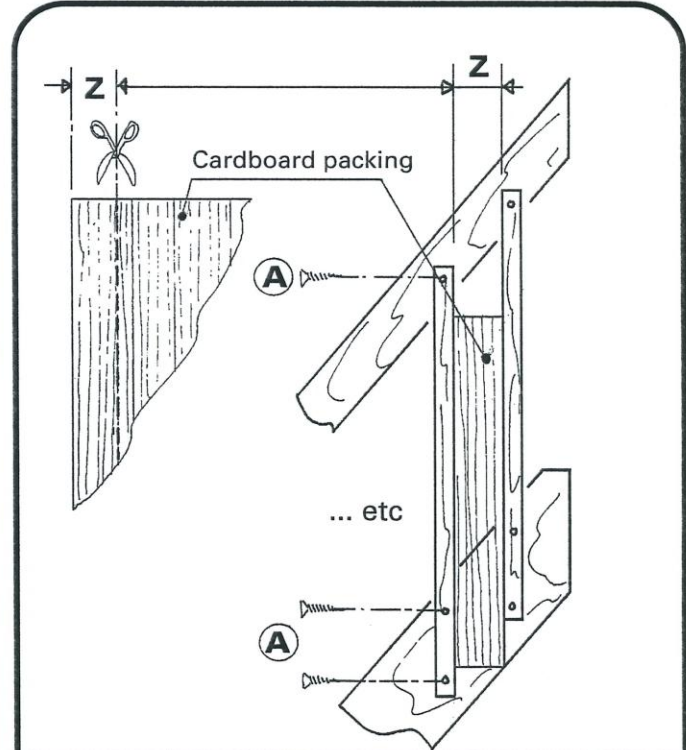
$$Z = \frac{(N \times 42) - L}{N + 1}$$
baluster width

**EXAMPLE**  
 L = 1716 mm Therefore 11 balusters  

$$Z = \frac{(11 \times 42) - 1716}{11 + 1}$$
  

$$Z = \frac{1254}{12}$$
  

$$Z = 104,5$$



③ Depending on the value of L determine from the chart the number of balusters N. Work out the spacing between each baluster Z from the formula above.

④ Cut a parallel strip of width Z from the packing cardboard. Fix the remaining balusters.