

How to Build a Loom - Materials



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How to Build a Loom - Materials

| PART | TYPE | SIZE | LENGTH |
|-------|--|---|------------------------|
| A & D | Solid Wood (called a 2x4 in U.S.) | Width = 3 1/2 inches (89 mm) Height = 1 1/2 inches (38 mm) | 23 inches (584 mm) |
| B & C | Solid Wood (called a 2x4 in U.S.) | Width = 3 1/2 inches (89 mm) Height = 1 1/2 inches (38 mm) | 43 inches (1092 mm) |
| E | 2 Eye Bolts | Thickness = 1/2 inch (12.7 mm) | 10 inches (254 mm) |
| F | Solid metal rod | Thickness = 5/8 inch (15.9 mm) | 19 1/2 inches (495 mm) |
| G | Solid metal rod | Thickness = 5/8 inch (15.9 mm) | 24 1/2 inches (622 mm) |
| H | 2 Metal clamps for Lower metal rod | Large enough to fit the rod | |
| I | PVC pipe (for heddle stick) | 1 1/2 inches (38 mm) Diameter | 16 inches (40 mm) |
| J | 15 Wood Screws | | 3 inches (76.2 mm) |
| K | C clamps to secure the loom to a table | 4 inches (101 mm) | |
| L | Dowel for Shed stick | Approximately 7/16 inch (11 mm) Diameter | 12 inches (305 mm) |
| M | Dowel for Heddle stick | Approximately 3/4 inch (19 mm) Diameter | 30 inches (760 mm) |

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| PART | TYPE | SIZE | LENGTH |
|------|--|---|--|
| N | 2 Brackets to position heddle stick | | Approximately 8 - 10 inches (254 mm) |
| O | 4 Flat Corner Brace, plus small screws | 4 inches (101 mm) | |
| P | 2 hemostats | | 6 inches (152 mm) |
| Q | Water bottle filled with water and a few coins. | | |
| R | Comb to gently beat down the wool wefts. Depending on how loose your weave is, you could use a fork! | You can purchase something similar at the following two places: www.hmnabavian.com or halcyonyarn.com | |
| S | Zip-ties are your best friend | | |
| T | Warp material | I am using: Swedish Cotton Warp, 12/15 (Seine Twine, Fiskgarn) Warp Yarn | halcyonyarn.com |
| U | Wool material - I am using 6 pieces of Appleton crewel (2 ply) yarn. High quality wool from England. | Your time and effort is worth working with good quality material. The nominal cost is worth it when see your finished work. | woolythread.com or halcyonyarn.com |
| | Shed stick (Shuttle) | I actually show you how to make a simple one out of a coat hanger or you can buy fancier ones at halcyonyarn.com | |

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2X



E

2X



N



L&M

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H

J



P



O

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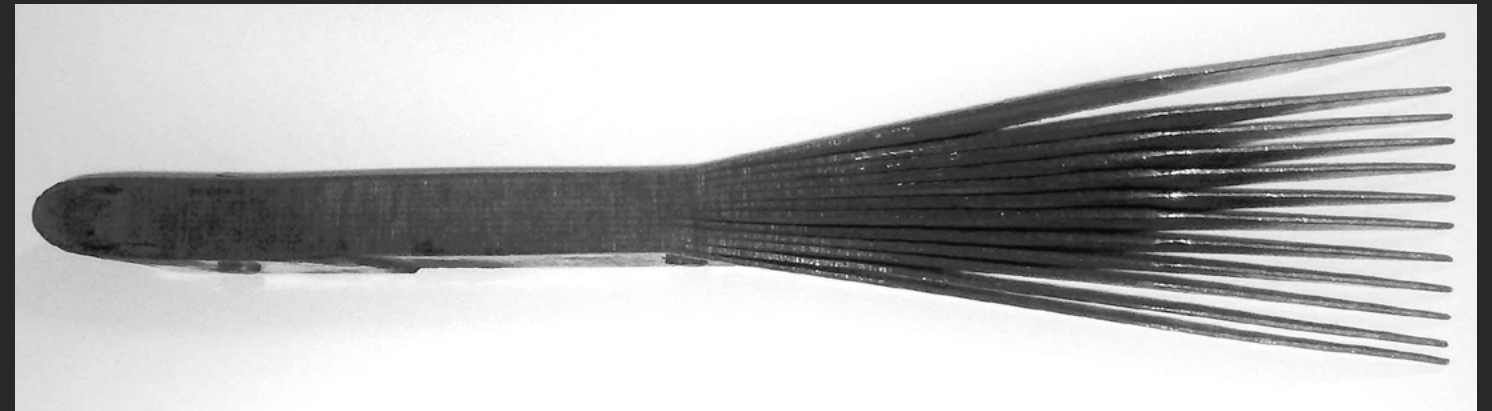
Q



S

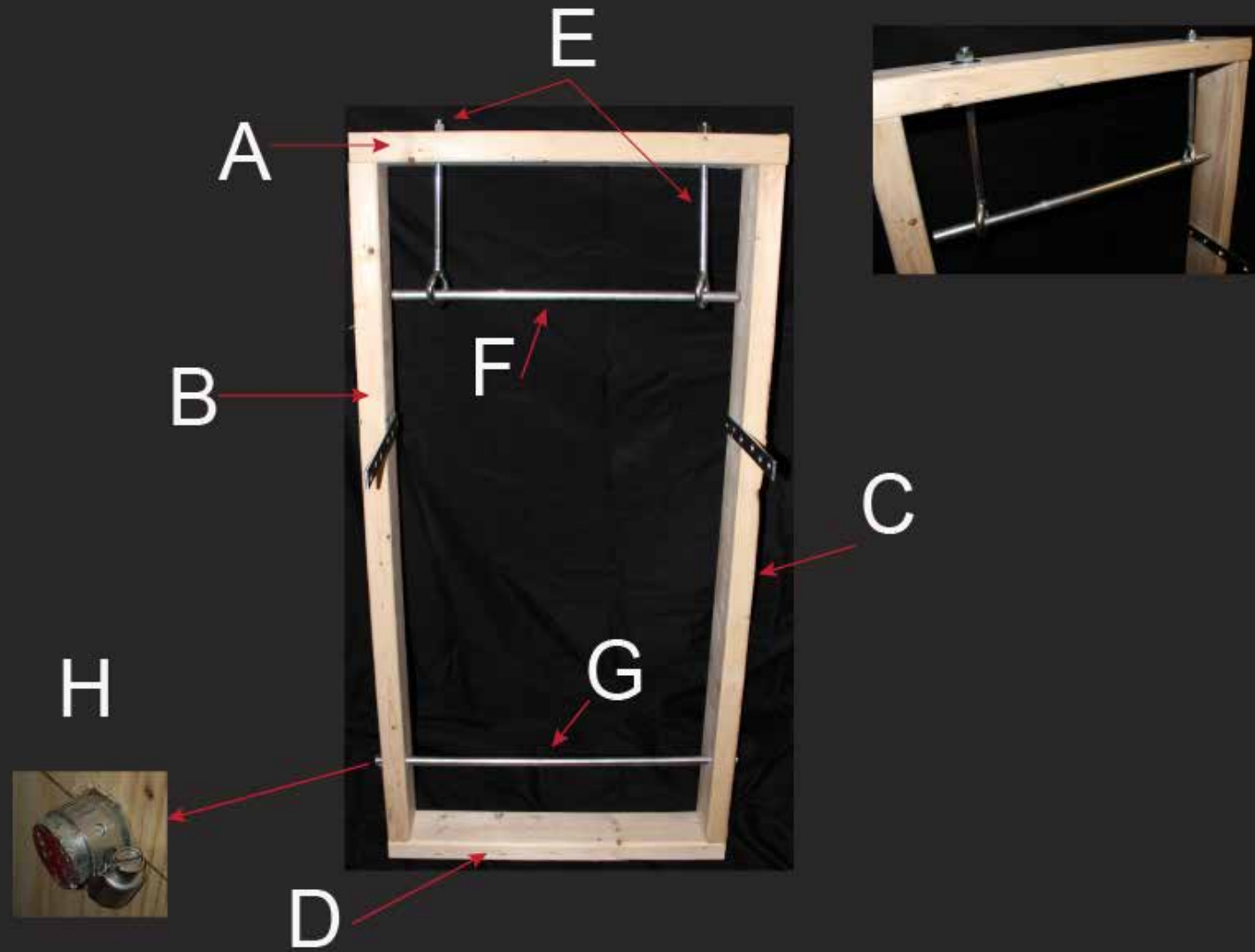


K



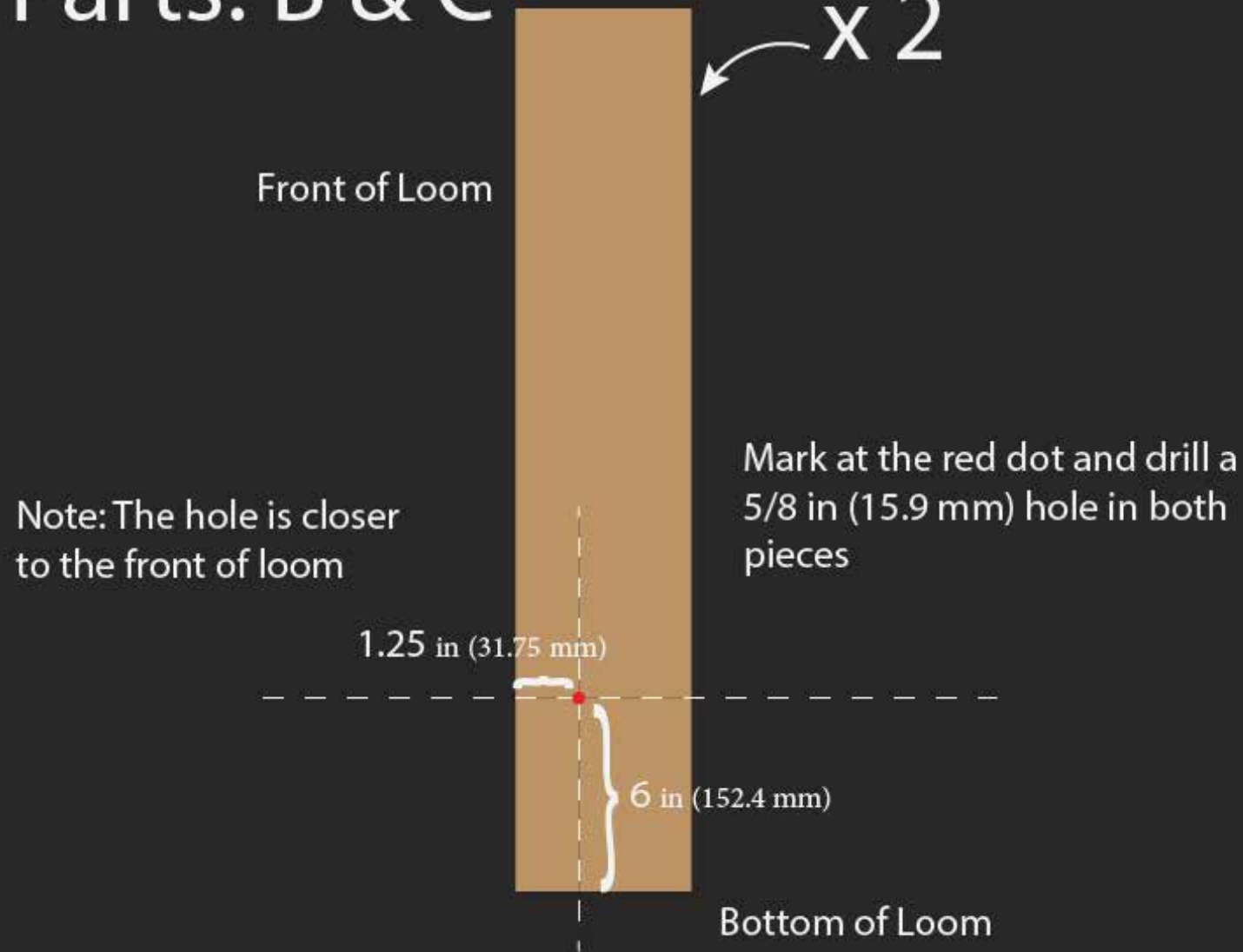
R

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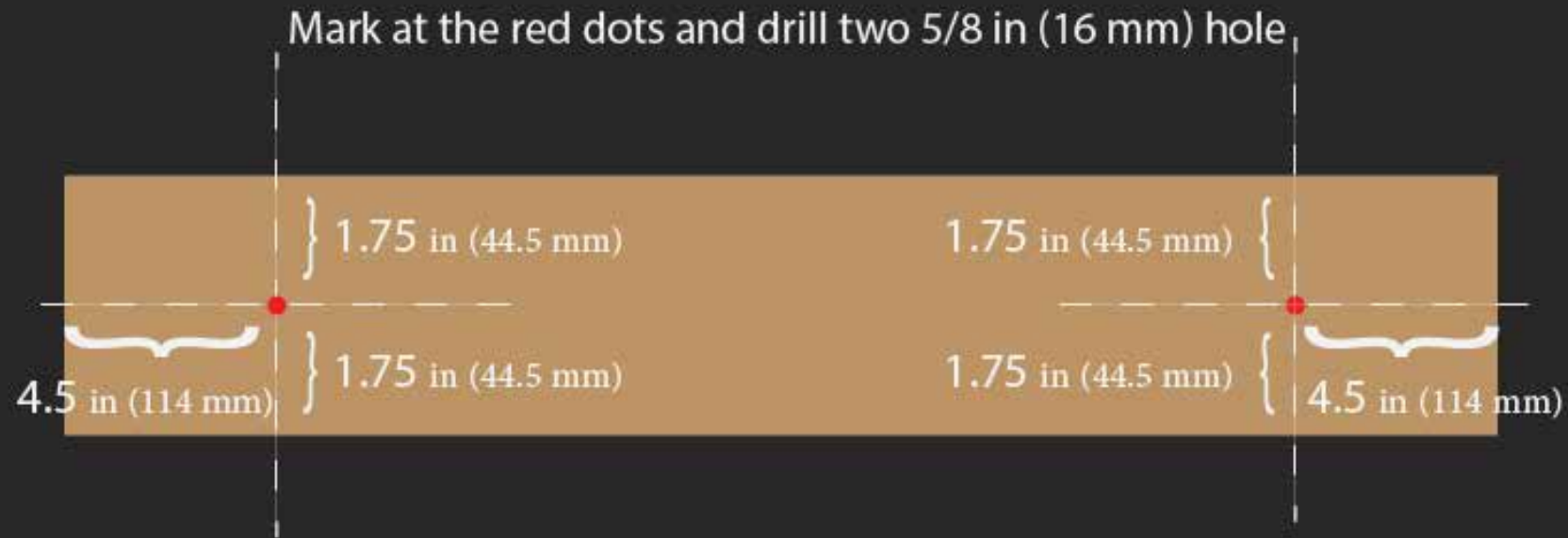
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Parts: B & C



| PART | TYPE | SIZE | LENGTH |
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| B & C | Solid Wood (called a 2x4 in U.S.) | Width = 3 1/2 inches (89 mm) Height = 1 1/2 inches (38 mm) | 43 inches (1092 mm) |

Part: A



| PART | TYPE | SIZE | LENGTH |
|-------|-----------------------------------|---|--------------------|
| A & D | Solid Wood (called a 2x4 in U.S.) | Width = 3 1/2 inches (89 mm) Height = 1 1/2 inches (38 mm) | 23 inches (584 mm) |

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Your design will determine how many warps strings you will need. We need to add 2 pairs of warp strings extra on each side to build a selvedge. If your pattern requires 45 pairs of warps then add 4 more pairs for the selvedge ... that is 2 pairs on each side,

You will need 49 pairs of warp strings

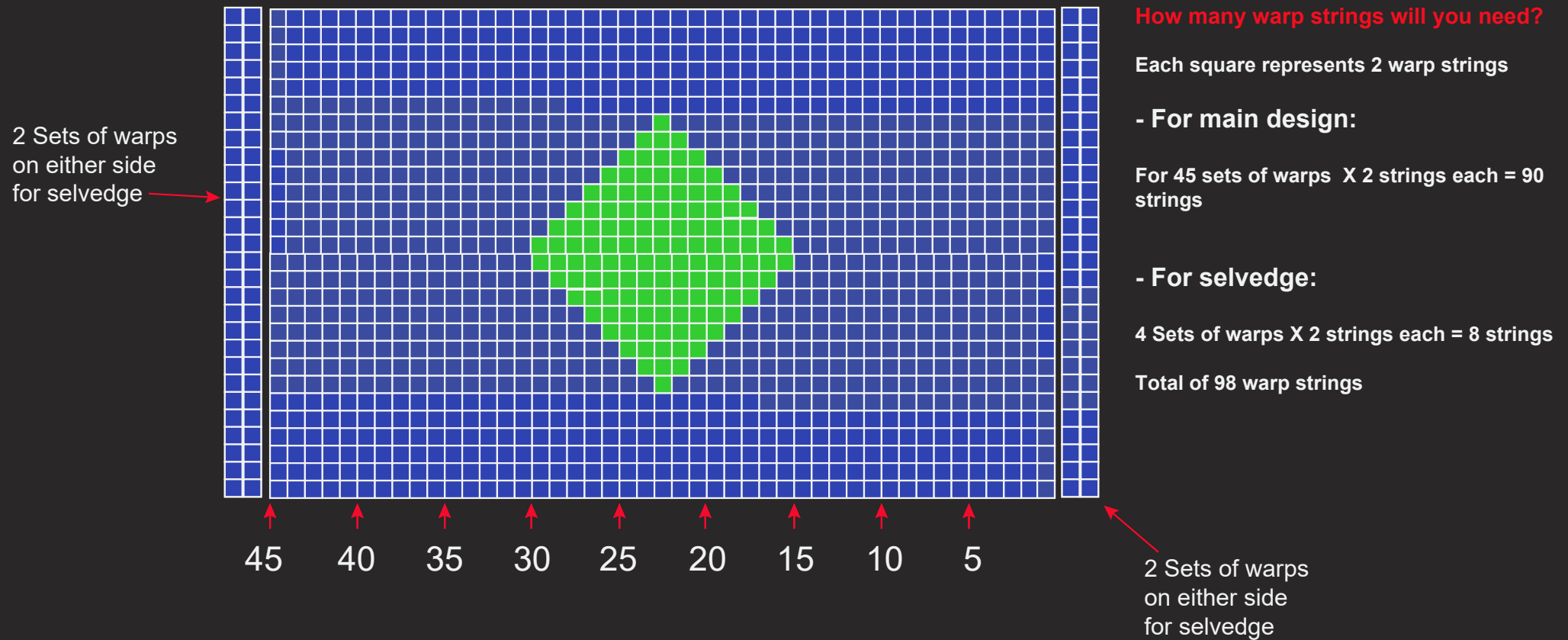
Each set of warps includes two strings

So, if your design requires 45 pairs of warps, multiply that by 2 and it gives you 90 warp strings.

When you add 2 more pairs for the selvedge on each side, it will give you 98 strings.

This is a sample design drawn on grid paper, also known as a cartoon

Each square represents 2 warp strings



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