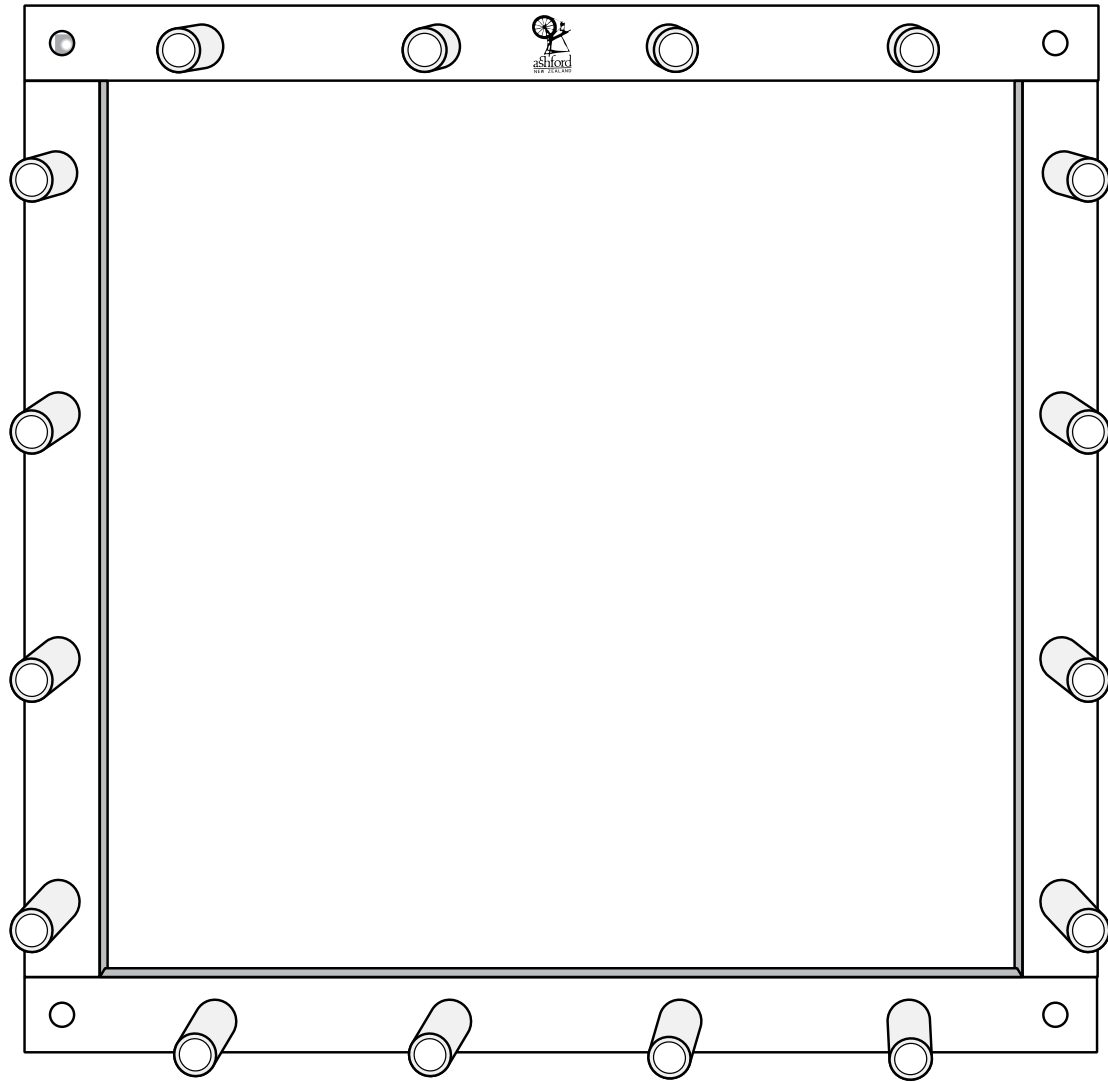


## WARPING FRAME - Small



**Maximum Warp Length:**     Approx. 4.5 metres / 14½ feet

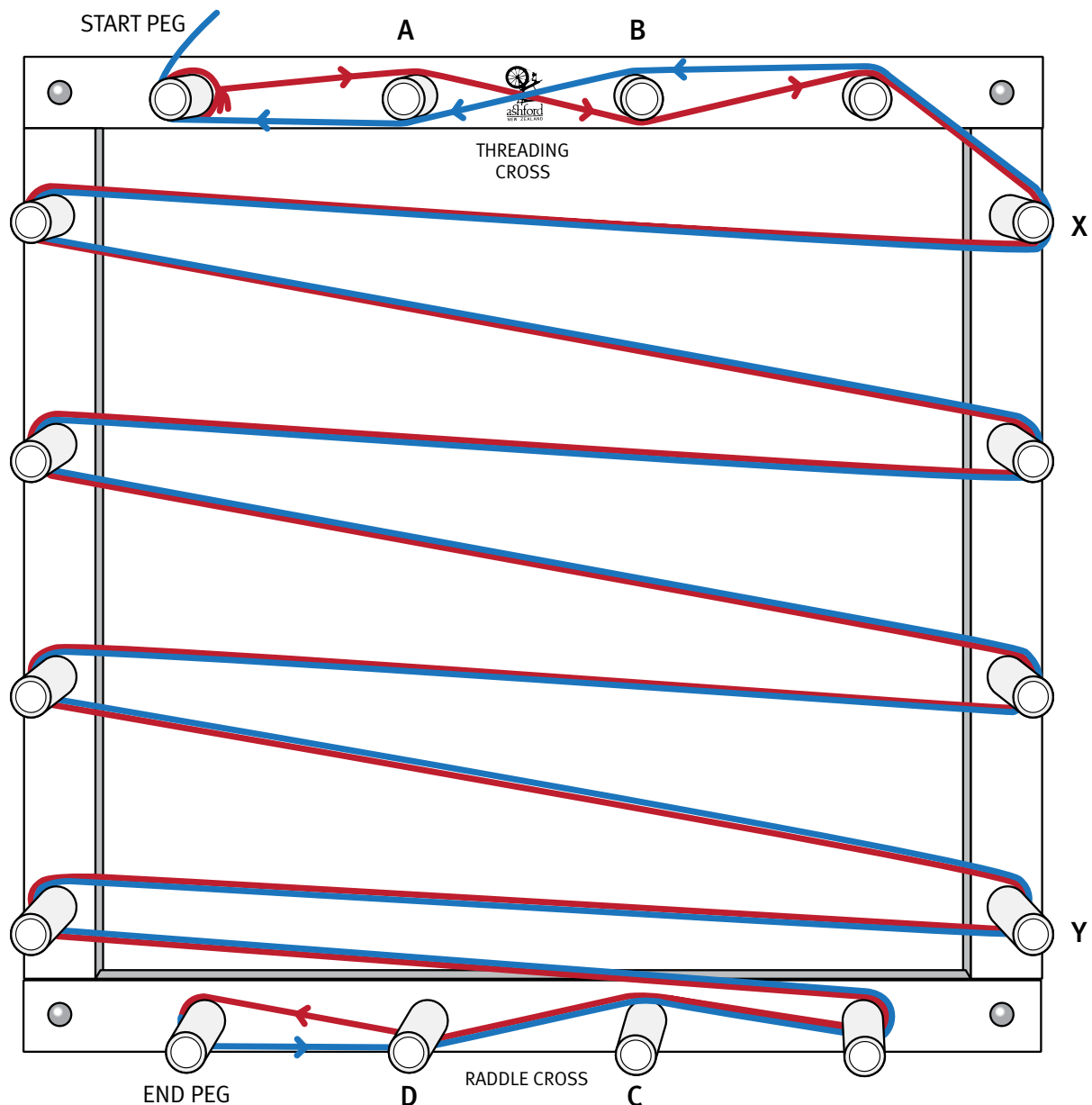
### Assembly Instructions

Fix the frame together at the four corners, using a bolt, washer and nut. Hammer bolts into place if necessary. Attach the rubber feet with small screws into the pilot holes in the back of the rails.

### Parts List

- 4     Rails with 4 pegs
- 4     Bolts with nuts and washers
- 4     Rubber feet
- 4     Small panhead screws

WF409032012V2



## CROSSES

For fuss-free warping, you will make two crosses.

**The first cross** between pegs A and B, is the threading cross which keeps the yarn in the correct order for threading. Each thread is separated at the cross.

**The second cross** between pegs C and D is the raddle or counting cross.

**Example:** The Ashford raddle has half inch (13mm) spacings. If your project has a sett of 20 dpi you will make the raddle cross after each group of 10 threads.

## WINDING THE WARP

Place the warping frame on a table. Measure a length of string the required length of the warp. This will be your warping guide. Tie it to the start peg and take it over peg A and under peg B, around pegs X and Y and around as many pegs as necessary to suit your warp length. Finally over C, under D and tie it to the end peg.

**Note:** All threads must pass around collection pegs X & Y and enough middle pegs to reach the required warp length.

Place the yarn at the base of your feet and begin winding your warp following the guide yarn, remembering to take the yarn over A and under B (when returning pass the yarn over B and under A). This makes the threading cross. It is important for your yarn to have even tension.

Take the yarn over C, under D and around the end peg. In this example the raddle cross is in groups of 10. Return under D and over C for 10 threads (5 return trips). The eleventh thread will go under C, over D, around the end peg, back over D and under C.

For more information, helpful hints and inspiration we recommend the Learn to Weave on the Table Loom booklet, The Ashford Book of Weaving for the Four Shaft Loom by Anne Field and The Ashford Book of Projects for the Eight Shaft Loom by Elsa Krogh.