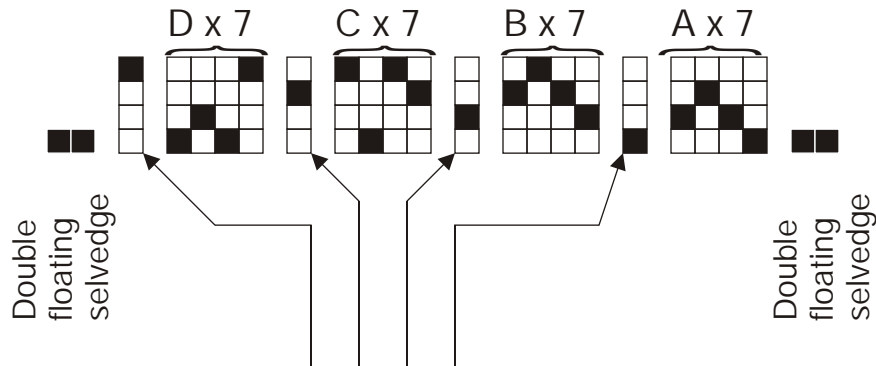


Four-Block Crackle Sampler

THREADING

The warp is threaded in four blocks of crackle, according to the following chart:



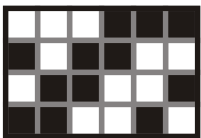
These incidental ends are inserted after the seven repeats of the units to balance the blocks.

SLEY

The sett for this sampler is about 1.25 times the plain weave sett as determined by wrapping the warp yarn on a ruler and dividing by two. Treading sequences that include tabby shots have a plain weave foundation, and will produce a dense fabric; those that do not include tabby shots are essentially twills, and they produce a more drapeable fabric.

TIE-UP

The tie-up is the standard arrangement of twill combinations of 2 shafts.



a1234b

a and b are the tabby treadles -- 2 pairs of non-adjacent shafts.
1, 2, 3, 4 are the pattern and binder treadles -- 4 pairs of adjacent shafts.

The black squares indicate lowered shafts, the white squares indicate rising shafts.

a = lower shafts 1 & 3

b = lower shafts 2 & 4

1 = lower shafts 1 & 2

2 = lower shafts 2 & 3

3 = lower shafts 3 & 4

4 = lower shafts 4 & 1

The treading sequences are expressed as sequences of these 6 pairs of shafts. For looms without treadles the notation would be translated into a peg plan.