

# drafts and designs



# a guide for 5 to 12 harness weaves

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### BASKET WEAVE AND HUCK LACE

These two weaves are combined together in this most interesting eight harness weave. And it was an exciting fabric to design, and I can see many other possible variations other than the sample this month.

### WARP THREADS USED:

We used two different sizes and colors of worsted wool in the warp. We used an 18/2 worsted, color # 27, Monday Blue, and we used a 12/2 worsted, color# 12, Light Avocado as the other color in the warp.

### WEFT THREADS USED:

We just used one color of 2/12's worsted in the weft, and it was color # 18, Tempting Tan.

### REED USED:

We used a 15 dent reed, and doublesleyed, 2 ends per dent or 30 threads per inch in the warp, even though we had 2 different weights of warp thread.



8	0	0 0	0 0	0 0	0					
7	(	) (	) (	) (	)					
6	0	0	0	0	0					
5	0 0	0 0	0 0	0 0	0 0					
4						XX	X	<u> X X </u>	X X	X
3						X	. Х	X		Χ
2					X		X	X	X	X
1					X	X	ХХ	ХХ	XX	XX



### TIE-UP DRAFT:

A.

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18	0			0	0	0		
7			0	0	0	0		
6	0	0					0	0
5		0	0				0	0
4	0	0			0			0
3	0	0					0	0
2			0	0	0	0	-	
ī			0	0		0	0	
	7	~	3	Δ	5	6	7	8

DRAFTS AND DESIGNS:

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В.

10		0		0		0		0		0	
9	0		0		0		0		0		
8	0			0	0	0				0	
7			0	0	0	0			0		
6	0	0					0	0		0	
5		0	0				0	0	0		
4	0	0			0			0		0	
3	0	0					0	0	0		
2			0	0	0	0				0	
1			0	0		0	0		0		
	1	2	3	4	5	6	7	8	9	10	)_

### MORE ABOUT THE FABRIC:

This was an exciting fabric to design. I started with completely different colors, and with the change of each color, the fabric changed appearance very drastically.

This pattern is an 8 harness weave, but you can change it to a 10 harness weave, by adding selvage threads on the harnesses # 9 and # 10, and changing the tie-up of your 8 harness pattern to the B-tie-up we have given, and this helps weave the fabric without any selvage problems.

There were really no problems in the weaving of this piece, and I felt it was a very easy fabric to do.

Also, if you do this fabric on just the 8 harnesses required, you can use this selvage threading. 1,5,2,6,3,7,4,8. Repeat this twice and it should make the weaving on the 2 selvage edges much easier.

### SOURCE OF IDEA FOR THIS SAMPLE:

We were intrigued with a similiar pattern that we found in the Southern California Handweavers Guild bulletin several months ago, so we decided to set-up the loom to that pattern with 6 different colors and experiment. The sample that you see is the result of this experiment.

KEY TO THREADS IN THE WARP:

0 -- 2/18's Worsted, Monday Blue X -- 2/12's Worsted, Light Avocado

## COST OF THE THREADS USED:

The 2/18's worsteds in the 39 colors, and the 2/12's worsteds in 22 colors all sell for \$12.00 per lb. Most of it does come to us on 1/2 lb. cones. The 2/18's has 5,000 yards per lb., and the 2/12's has 3300 yards per 1b.

### COST OF THE FABRIC:

In our 14 yard warp, it takes 1-3/5 lbs. of the 2/18's worsted and it takes 2-1/2 lbs. of the 2/12's worsted for this warp. At \$12.00 per lb., the total cost for the warp was \$49.20.

And, we forgot to keep track of the weft thread, so an estimate of the cost is that we used 4 lbs. of the 2/12's in the weft of 12-1/2 yards of finished fabric. This would bring the weft cost to \$48.00 for the 12.5 yards, or the cost per yard would be \$3.84 for the weft.

And, the warp cost was \$49.20 for 14 yards, so the cost per yard was \$3.52

WARP COST PER YARD, 40" wide --- \$ 3.52 FABRIC COST PER YARD WAS \*\*\*\*\*\* \$ 7.36

### TREADLING SEQUENCE:

Please note that there are 54 shots in one complete pattern repeat. I'm going to write this out in a short method rather than writing out each individual shot of weft.

The weft thread is 2/12's worsted in the color called tempting tan for all 54 pattern shots.

Here is the treadling sequence:

Treadle 1, 2, 1, 4, 3, 4. Repeat this a total of 4 times until you have 24 shots. Then, Treadle 1, 2, 1, to balance. This is the half way mark in the pattern.

Treadle 5, 6, 5, 8, 7, 8. Repeat this a total of 4 times until you have 24 shots. Then, Treadle 5, 6, 5, to balance, and then this is the end of one complete pattern.

Repeat over and over as desired.