

## Sparkling of collows in a tabby and bo sheetneave

STRUCTURE FOR COLOURS

2


# The Weaver's Pick 

## A magazine full of ideas for weavers

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## Pepper Black and Salt

## 499 <br> Weave stylish cottolin kitchen towels flavoured with pepper black. Draw a long warp on the loom for all the lovely weft yarns.

## 22

The hues of the wefts were chosen to be close to the hues of the warp threads, but not the exatly the same.

## Waving lines

$$
14
$$

## 99

The shape of lines form the structure instead of different colours, if you choose the same colour for tricot and linen wefts.

A cotton blanket is an easy and comfy choice for your home

## 30

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## Kitchen towels

Finished size $41 \times 59 \mathrm{~cm}, 42 \times 42 \mathrm{~cm}$ and a linen towel $45 \times 45 \mathrm{~cm}$

## Pepper and Salt 3759

Weave stylish cottolin kitchen towels flavoured with pepper black. Wind a long warp for all the lovely weft yarns you can use in this pattern. Weave a fast-drying cloth with linen yarn and a softer cloth for instance for hand towels with cotton yarn. Use cottolin yarn for all kinds of home textiles.


AMOUNT OF WARP YARN NEEDED
Cottolin 22/2 (22/2 Bomull Lin), tex 76x2,
$1 \mathrm{~kg}=$ approx. $6400 \mathrm{~m}, 60 \%$ cotton $40 \%$ linen
black 169 g
white (= bleached) 65 g
unbleached 46 g

## INSTRUCTIONS FOR WINDING THE WARP

28 threads white
22 threads unbleached
22 threads white
22 threads unbleached
22 threads white
22 threads unbleached
22 threads white
226 threads black
$=386$ threads in total



## AMOUNT OF WEFT YARN NEEDED

Cottolin 22/2 approx. 60 g for 1 meter
Line linen 8 or Linen Tow 8 approx. 70 g for 1 meter when the sett is 8 picks $/ \mathrm{cm}$

## FINISHING FOR ALL TOWELS

Finish the edges of each towel with 3-step zigzag stitches.
Steam or iron the fabric. Sew the hems by hand. Finished size of the hem is around 1 cm . Use the loom waist for the hanging loops. Braid the warp threads doubled to have sturdy loops. Braid $14 \mathrm{~cm} \log$ band for a one hanging loop.

Wash $40-60 \mathrm{oC}$. Wash by hand the first time. There might appear lint in the wash.


## Long towels

Finished size $41 \times 59 \mathrm{~cm}, 2$ pcs
Weave 1 cm tabby for a hem at both ends. Weave the towel with unbleached Cottolin 22/2 according to the treadling instructions. The sett is 8 picks $/ \mathrm{cm}$. The woven length is $68 \mathrm{~cm}+$ hems á 1 cm . Braid the hangingloop of unbleaced threads and sew it in the middle of the short side inside the hem. The size of the towel before washing was $44 \times 60 \mathrm{~cm}$.

## AMOUNT OF WEFT YARN NEEDED

Cottolin 22/2 (22/2 Bomull Lin), tex $76 \times 2,1 \mathrm{~kg}=$ approx. 6400 m , unbleached 40 g for 1 towel.

## Linen towels

Finished size $45 \times 45 \mathrm{~cm}, 2$ pcs
Weave 2 cm tabby for a hem at both ends. Weave alternating white and unbleaced stripe. The stripes are as high as in the warp. The woven length is $57 \mathrm{~cm}+$ hems á 2 cm .
Braid the hangingloop of black threads and sew it in the middle of the short side inside the hem. The size of the towel before washing was $47 \times 47 \mathrm{~cm}$.

AMOUNT OF WEFT YARN NEEDED for one towel
Line linen or Linen tow $8,1 \mathrm{~kg}=$ approx. $4800 \mathrm{~m} / 5100 \mathrm{~m}$ white $=$ bleached 23 g unbleached 17 g

## Black square towels

Finished size $42 \times 42 \mathrm{~cm}, 2$ pcs

Weave 1 cm tabby for a hem at both ends. Weave stripes with white and unbleaced in the same order as in the warp and the rest of the towel with black. The woven length is $50 \mathrm{~cm}+$ hems á 1 cm . Braid the hangingloop of black threads and sew it into the black corner of the towel inside the hem. The size of the towel before washing was $44 \times 44 \mathrm{~cm}$.

AMOUNT OF WEFT YARN NEEDED for one towel
Cottolin 22/2 (22/2 Bomull Lin), tex $76 \times 2,1 \mathrm{~kg}=$ approx. 6400 m , black 16 g white $=$ bleached 9 g unbleached 5 g 。


Obs. Towels in the pictures are unwashed. After washing the structure was as beautiful as earlier and the pattern was more intense.

You can weave also
tabby towels!


BLACK SQUARE TOWELS

$3 \times 2=6 \quad 17 \times 22=374 \quad 3 \times 2=6$


## Chequered Flag 3760

Thick cotton yarn is a perfect choice for table looms. These homely-looking placemats are quickly woven. Finish the placemats by tucking the warp ends behind the weft ends.

The same kinds of sport thickness yarns as used in this pattern can be easily found from many shops.

The warp Cotton Soft Novita, 010 natural white $50 \mathrm{~g}=120 \mathrm{~m}, 100 \%$ cotton, Novita Oy

Warp width 36 cm
the sett 4 ends/cm
number of yarn ends 144
length $3,36 \mathrm{~m}$
amount of warp yarn needed 214 g

Reed 1 per dent in a 40-dent reed (metric) $=40 / 1$
Structure Weft-faced rep

## Black and white placemats

Size finished $32 \times 44 \mathrm{~cm}$

AMOUNT OF WEFT YARN NEEDED for 1 place mat
Cotton Soft Novita, $50 \mathrm{~g}=120 \mathrm{~m}, 100 \%$ cotton
010 natural white 80 g
099 black 10 g

## WEAVING INSTRUCTIONS

Leave 8 cm of length for the finishing at the ends of the placemats. The warp ends are finished by tucking them behind the wefts in the direction of the warp. Weave approx. 2 cm with scrap weft at both ends. Start the placemat with white weft yarn. Throw 4 times by alternating white and black weft yarn. Change the colour of the square by throwing white 2 times. Weave 16 black and white rows $=11 \mathrm{~cm}$. Weave the rest of the placemat with white. $=34 \mathrm{~cm}$.


Black and white CHEQUERED FLAG

TABLE LOOM
FLOOR LOOM


You can also use 4 shafts:


## How to thread the warp ends back to the woven fabric

Weft-faced rep placemats can be finished by threading the warp ends back to the fabric. Use a blunt point needle with a large eye.

1. Leave 8 cm length of warp for finishing at both ends of the placemat. Weave the length between the placemats loosely with some scrap weft.

## 2. Cut the placemats apart.

3. Thread the warp ends back to fabric systematically behinde the next weft floats 2 threads at a time to the lengt of 2-3 cm. Unravel the scrap wefts at the same time. Don't make knots!
4. Cut the tails of the threads from the surface. Press the placemat through a damp ironing cloth.

The woven length of the fabric is 45 cm .
The sett is 13 picks/cm.

Taper the weft tail when starting, finishing, and joining the wefts. Divide the weft tail by the length of approx. 7 cm in two parts and cut off the other part. The joints of strongly different coloured wefts stick out if not tapered.

## FINISHING

Threading warp ends back to the fabric is a neat and durable finishing for the placemats. The ends of the tablemat narrow slightly.

End the threads by tucking them behind the wefts in the direction of the warp. Use a blunt needle. Thread always two warp threads at a time under the next weft float. Trim the tails. Tip: Thread every other pair of warp ends slightly longer up to smoothen the ending line. Press the placemat through a damp cloth.




Polka dot placemats


FLOOR LOOM


You can also use 4 shafts:


## Polka dot tablemats

Size finished $33 \times 44 \mathrm{~cm}+$ fringes á 5 cm

AMOUNT OF WEFT YARN NEEDED for 1 place mat
Cotton Soft Novita, $50 \mathrm{~g}=120 \mathrm{~m}, 100 \%$ cotton
405 grey (pearl) 50 g
010 natural white 40 g
549 red (christmas) 20 g

## WEAVING INSTRUCTIONS

Leave the 10 cm length for the finishing at the ends of the placemats. Weave approx. 2 cm with scrap weft at both ends. Weave by alternating two colours when there is two colours in use. Leave always the natural white and red weft under the grey weft at the edges in the three coloured middle. See the picture up left.

Weave:
3 cm natural white and grey
$0,5 \mathrm{~cm}$ grey ( 8 picks)
2 cm natural white and grey
2 cm natural white
Repeat 30 cm : alternately 4 x natural white and grey and 4 x red and gray
4 x natural white and grey
2 cm natural white
2 cm natural white and grey
$0,5 \mathrm{~cm}$ grey ( 8 picks)
3 cm natural white and grey

## FINISHING

Tye overhand knots with 4 ends. Cut the fringe even. Press the placemats through an damp ironing cloth.

#  <br> \section*{} 



## A white twill rug <br> Finished size 8o x 179 cm

## Waves rug 3761

A single-colour rug charms with a beautiful wavy structure. The thick and soft cotton tricot has been paired with a faintly glossy and tight linen cord. Choose the same color from the cotton tricot and linen, and the pattern will consist of the surface and not the colors. The calm wavy pattern is also suitable for a larger carpet.

The warp Liina Cotton Twine 12-ply, tex 30x12
$1 \mathrm{~kg}=$ approx. 2560 m , Suomen Lanka / Lankava

Warp width $84,8 \mathrm{~cm}$
the sett 2,5 ends/cm
number of yarn ends $212+4$
length 9,2 m (4 rugs)
amount of warp yarn needed

Reed 1 per dent in a 25 -dent reed (metric) = 25/1
Structure Twill modified to a weft-faced rib


T-shirt yarn (cotton tricot), soft
Natural white 2220 g

Linen cord, $100 \%$ linen, $1 \mathrm{~kg}=$ approx. 410 m , tex 1250 x 2 , Lappajärven Värjäämö Oy white 715 g

## WEAVING INSTRUCTIONS

Leave around 12 cm for the finishing on both ends. Start and finish by weaving a few shots of extra weft, the weft will be undone later. Weave 3 picks with cotton twine at the beginning and end of the rug. Weave the rug alternating linen cord and cotton tricot according to the treadling instructions. Leave an large arc of the cotton tricot weft in the shed but the leave the linen cord quite straight.

## FINISHING

Tie the fringe with tight square knots $2+2$ ends together. End the warp threads by tucking them behinde the weft floats around the length of 2,5-4 cm. Thread on the both sides of the rug. Alternate the length of the threading. Cut the thread tails from the surface of the rug.
See the pictures on page 17.

Treadling:
$0=$ Linen Cord
X $=$ Cotton tricot

## Threading:

Thread two outmost warp ends doubled

You can take the warp ends out from the heddle (one outmost) at both sides = floating selvages. Always throw the shuttle over the floating selvage and take out under the floating selvage.


Repeat to the desired length


## A linen lined twill rug <br> Finished size $80 \times 180 \mathrm{~cm}$

## Twisty road 3762

The rib weave rug is woven with two different-strength wefts. A diagonal line becomes strongly visible when the weft yarns are different colours. It's a good idea to choose colours or shades that are near each other. Strong color differences form an optical illusion of movement, causing the lines to begin "flicker in the eyes".

## The warp The warp Liina Cotton Twine 12-ply,

 tex $30 \times 12,1 \mathrm{~kg}=$ approx. 2560 m , Suomen Lanka / Lankava
## Warp width $84,8 \mathrm{~cm}$

the sett 2,5 ends/cm
number of yarn ends $212+4$
length 9,2 m (4 rugs)
amount of warp yarn needed 790 g
Reed 1 per dent in a 25 -dent reed (metric) $=25 / 1$
Structure Twill modified to a weft-faced rib

Treadling:
O = Linen Cord
X = Cotton tricot

Threading:
Thread two outmost warp ends doubled.

You can take the warp ends out from the heddle (one outmost) at both sides = floating selvages. Always throw the shuttle over the floating selvage and take out under the floating selvage.


53 x
$53 \times 4=212+4$ doubled ends

## AMOUNT OF WEFT YARN NEEDED for 1 rug

T-shirt yarn (cotton tricot), soft
Natural white $2,44 \mathrm{~kg}$
Linen cord, $100 \%$ linen, $1 \mathrm{~kg}=\mathrm{n} .410 \mathrm{~m}$, tex 1250x2,
Lappajärven Värjäämö Oy
unbleached 845 g

## WEAVING INSTRUCTIONS

Leave around 12 cm for the finishing on both ends. Start and finish by weaving a few shots of extra weft, the weft will be undone later. Weave 3 picks with cotton twine at the beginning and end of the rug. Weave the rug alternating linen cord and cotton tricot according to the treadling instructions. Leave an large arc of the cotton tricot weft in the shed but the leave the linen cord quite straight.

## How to thread the warp ends back to the fabric

Wave and Twisty road rugs are treadled to the weft-face rib structure. The warp ends are easy to thread back to the rib weave fabric.

You need an large eye needle with blunt point for the threading.

1. Tie square knots with $2+2$ threads.
2. Thread the warp ends behinde the weft floats in the 2 threads at a time. The hight of the threading is around $2,5-3 \mathrm{~cm}$. Tight rib weave structure keeps the threaded warp ends securely inside the fabric.
3. Thread on the both sides of the rug.
4. Cut the thread tails from the surface of the rug.


## Simply



Wave 3761, Twisty road 3762, Double Chocolate

The simple and clear batavia twill is as good choice for rugs as an ordinary plain weave. The regular straight threading gives a beautiful and distinct structure, and it can be conveniently modified with treadling and weft yarn.
With straight treadling, the carpet can be woven with three shuttles in the same way as tabby rag rugs. The edges become neat by leaving the outermost warp thread out of the heddle on both sides.
In the divided treadling and in the weft-faced rib, two different kinds of wefts are thrown alternately. The wefts can be of different colors and of different strengths. Choose colors and shades that are close to each other so that diagonal lines do not become disturbingly powerful. 3763 and Denim Twill 3764 are woven with the same threading and tie-up.

Double Chocolate

Denim twill


Straight treadling


Pointed treadling

Waves and Twisty road


Try also these treadlings


Broken treadling


Intermittent treadling

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## A zigzag twill rug Finished size $79 \times 175 \mathrm{~cm}$

## Double Chocolade 3763

Weaving with one shuttle is fast! Use different weight rugwefts to try the formation of a zigzag pattern. A heavy and stiff weft does not enter enough in the shed to make the pattern dense and beautiful. All weft yarns must be of the same strength. The width of the rug does not remain the same if you alternate a thicker and thinner weft.

```
The warp Liina Cotton Twine 12-ply, tex 30x12
    1 kg = approx. 2560 m, Suomen Lanka / Lankava
Warp width 84,8 cm
    the sett 2,5 ends/cm
    number of yarn ends 212+4
    length 9,2 m (4 rugs)
    amount of warp yarn needed 790 g
    Reed 1 per dent in a 25-dent reed (metric) = 25/1
Structure Twill
```

(outmost on the left side)

## Stripes:

8 cm natural white
51 cm beige
8 cm natural white
2,5 cm black
44 cm brown = the middle
Weave the other end of the rug as a mirror image.

## AMOUNT OF WEFT YARN NEEDED for 1 rug

T-shirt yarn (cotton tricot)
beige 1460 g
brown 570 g
natural white 570 g
black $95 \mathrm{~g} \quad=2695 \mathrm{~g}$ in total

## WEAVING INSTRUCTIONS

Leave around 15 cm of the warp at each end of the rug for the fringe. Start and finish the rug with a few shots of scrap weft to support the ends of the rug. Weave 3 picks with Cotton Twine at the beginning and the end of the fabric. Weave the rug striped. Start every stripe with treadle 1

Thread two outmost warp
ends doubled.
You can take the warp ends out from the heddle (one outmost) at both sides = floating selvages. Always throw the shuttle over the floating selvage and take out under the floating selvage.

$53 \times 4=212+4$ doubled ends


## Threading:

保


## FINISHING

Make a twisted fringe: Tye first $2+2$ warp threads with a square knot. Twist these same $2+2$ threads tightly into the same direction. Connect the ends with an overhand knot. Cut the ends to an even length.


## A twill rug <br> Finished size $79 \times 180 \mathrm{~cm}$

## Denim Twill 3764

The denim rug is woven with three shuttles and a straight treadling. Two of the wefts are self-cut rags and the third is a cotton tube yarn. Materials can be varied in the same way as in a tabby rag rug. It's easy to make the edges neat by leaving the outmost warp thread out of the heddle on both sides. Always throw the shuttle over the outermost thread and take off the under.

The warp Liina Cotton Twine 12-ply, tex 30x12 1 kg = approx. 2560 m, Suomen Lanka / Lankava

## Warp width $84,8 \mathrm{~cm}$

the sett 2,5 ends/cm
number of yarn ends $212+4$
length 9,2 m (4 rugs)
amount of warp yarn needed 790 g

Reed 1 per dent in a 25 -dent reed (metric) $=25 / 1$
Structure Twill

## AMOUNT OF WEFT YARN NEEDED for 1 rug

Denim fabric strips 1180 g
Cotton fabric strips, grey 626 g
Eko Tube Yarn, 10 mm wide, $1 \mathrm{~kg}=$ approx. 270 m , Lankava
denim blue 930 g

Cut the denim fabric into a $1,5 \mathrm{~cm}$ wide and the cotton fabric into the $1,7 \mathrm{~cm}$ wide strips for the weft.

## WEAVING INSTRUCTIONS

Leave around 15 cm of the warp at each end of the rug for the fringe. Weave 3 picks with Cotton Twine at the beginning and the end of the fabric. Weave the rug with three shuttles: 1 cotton strip, 1 Eko Tube Yarn and 1 denim fabric strip alternately. The woven length is 182 cm , measured under tension.

## FINISHING

Make a twisted fringe: Tye first $2+2$ warp threads with a square knot. Twist these same $2+2$ threads tightly into the same direction. Connect the ends with an overhand knot. Cut the ends to an even length.


Tỉ Watch a new video on our YouTube channel about floating selvages on rugs.

## Threading:

Thread two outmost warp ends doubled.

You can take the warp ends out from the heddle (one outmost) at both sides = floating selvages. Always throw the shuttle over the floating selvage and take out under the floating selvage.

> Treadling:
> $\times=$ colton fabric strip
> $\odot=$ Eko Tube Yarn
> $\boxed{ }=$ denim fabric strip


Treadling: Alternate with three shuttles.

$53 \times 4=212+4$ (doubled ends)

## Square Cushions

Finished size $43 \times 43 \mathrm{~cm}$

Neck Cushions<br>Finished size $43 \times 27 \mathrm{~cm}$

## Honeycomb 3765

The hues of the wefts were chosen to be close to the hues of the warp threads, but not exactly the same. This makes the hues of the final products vivid. Sirkka rya yarn has a stunning 147 colour selection. On the other hand, if the colours of the wefts differ too much from the colours of the warp, the pattern might become unclear.

The loom waste and apron rod ties were utilized to the tassels in the corners of the cushions. The zipper was sewn in the middle of the cushion. The inner cushion is this way easy to insert, the sewing is easy and the zipper isn't visible, like it would be if sewn in the side.

```
The warp Sirkka rya yarn 140x3,100g = n. 230 m,
    100% wool, Taito Pirkanmaa Oy
Warp width 48,8 cm
        the sett 5 ends/cm
        number of yarn ends 244
        length 5,87 m
        amount of warp yarn needed
        (1171) yellow 323 g ja
        (3343) petroleum 329 g
Reed 1 per dent in a 50-dent reed (metric) = 50/1
Structure Deflected double weave
Weft Same as the warp thread
```


## INSTRUCTIONS FOR WINDING THE WARP

Wind two warp threads at a time, holding one petroleum coloured and one yellow thread in your hand.
240 ends petroleum (3343) and yellow (1171)
4 ends yellow (1171) $=244$ ends in total.
Obs. In the threading alternates 4 ends petroleum and 4 ends yellow. See picture on the right.

Remove the outermost heddles from the shafts to create floating selvedges or leave the outermost ends unthreaded in the first place.


The warp was wound two different coloured warp threads at a time. One portee consisted of one yellow and one blue thread. To ease the threading, the ends were bundled before the threading in a way that each bundle had either four yellow or four blue threads alternating. The outermost bundles were yellow. The ends were collected to the bundles in the order indicated by the cross. The warp was threaded in this order, bundle by bundle. This procedure sped up the winding of the warp but didn't interfere with the weaving because wool is an easy and elastic material.



Tip Color ecperiments can be done just on some part of the warp.

WEAVING INSTRUCTIONS
Keep the sett balanced to prevent the patterns from flattening or stretching. The sett is 5 picks $/ \mathrm{cm}$.

You can choose the side you prefer to be the face side of the final product.

You can also design your own pattern by changing the treadling. Throw a blue weft while treadling 1., 2., 5. and 6. treadle and a yellow weft with 3., 4., 7. and 8. treadle.

Square cushion Nest and Neck cushion Small Cross, picture on the left.
Neck cushions Small Cross, Labyrinth and Lemon, picture below.


NEST


LARGE CROSS


Right side, wet-finished
LOOP


Right side, wet-finished


Reverse side


SMALL CROSS
 Right side


Right side, wet-finished
LEMON

Right side

Right side, wet-finished
LABYRINTH


Right side

Right side, wet-finished



Reverse side



Reverse side




Nest - square cushion

## WEFT YARN NEEDED

Yellow (6421) 60 g and blue-green (3711) 60 g . Tassles:
1 g blue-greeen (3711) \& 3 g petroleum (3343) per tassel.

## INSTRUCTIONS FOR

 WEAVING Weave 2 cm with scrap wool yarn using straight treadling. Weave the repeat for 11 times plus the extra picks to balance. The sett is 5 picks/ cm . Weave 2 cm with scrap yarn at the end. The length of the patterned area was approx. 106 cm .The repeat was approx. $9,5 \mathrm{~cm}$. The patterned fabric was 98 cm $x 44 \mathrm{~cm}$ off the loom.

Large Cross -square cushion
WEFT YARN NEEDED
Blue-grey (3071) 59 g and light green (6431) 59 g .
Tassels: 1 g light green (6431) \& 3 g yellow (1171) per tassel.

## INSTRUCTIONS FOR

WEAVING Weave 2 cm with scrap wool yarn using straight treadling. Weave the repeat for 8 times plus the extra picks to balance. The length of the patterned area is approx. 105 cm . Weave 2 cm with scrap yarn at the end.
The repeat was approx. 12,75 cm .
The patterned fabric was 93 x 44 cm off the loom.

## LOOp

- square cushion


## WEFT YARN NEEDED

Dark petroleum (3141) 60 g and mint green (1041) 60 g . Tassels: 1 g mint green (1041) $\& 3 \mathrm{~g}$ yellow (1171) per tassel.

## INSTRUCTIONS FOR

WEAVING Weave 2 cm with scrap wool yarn using straight treadling. Weave the repeat for 16 times. The length of the fabric was approx. 103 cm .
Weave 2 cm with scrap yarn at the end.
The repeat was approx. $6,5 \mathrm{~cm}$. The patterned fabric was 93 x $43,5 \mathrm{~cm}$ off the loom.

## Small Cross

- neck cushion


## WEFT YARN NEEDED

Dark petroleum (3141) 33 g and yellow (6421) 34 g .
Tassels: 1 g yellow (6421) \& 3 g yellow (1171) per tassel.

## INSTRUCTIONS FOR

WEAVING Weave 2 cm with scrap wool yarn using straight treadling. Weave the repeat for 9 times plus the extra picks to balance. The length of the fabric was approx. 60 cm .
Weave 2 cm with scrap yarn at the end. The repeat was approx. $6,6 \mathrm{~cm}$. The patterned fabric was $53,5 \times 43 \mathrm{~cm}$ off the loom.

Lemon - neck cushion

## WEFT YARN NEEDED

Blue (3283) 35 g and light green (6431) 36 g .
Tassels: 1 g blue (3283) \& 3 g petroleum (3343) per tassel.

## INSTRUCTIONS FOR

WEAVING Weave 2 cm with
scrap wool yarn using straight treadling. Weave the repeat for 5 times plus the extra picks to balance. The length of the fabric was approx. 64 cm .
Weave 2 cm with scrap yarn at the end.
The repeat was approx. 12,6 cm . The patterned fabric was $57,5 \times 43 \mathrm{~cm}$ off the loom.

## Labyrinth

- neck cushion


## WEFT YARN NEEDED

Dark green (2243) 44 g and yellow (1171) 29 g . Tassels: 1 g dark green (2243) $\& 3 \mathrm{~g}$ petroleum (3343) per tassel.

## INSTRUCTIONS FOR

 WEAVING Weave 2 cm with scrap wool yarn using straight treadling. Weave the repeat for 4 times but leave out the last 4 picks. The length of the fabric was approx. 64 cm . Weave 2 cm with scrap yarn at the end.The repeat was approx. 13 cm . The patterned fabric was 56 x 43 cm off the loom.


[^0]The threading for all cushions is on page 26.



FINISHING
Soak the fabric in lukewarm water and move slowly and gently in the water. Dry flat.

1. Sew 3-step zigzag on top of the scrap yarn at the ends of the pieces and cut apart.
2. Sew a 45 cm long zipper symmetrically at the cut ends of the piece to create a cylinder-shaped piece. Don't topstitch because it would be visible in an unfavourable way.
3. The back side facing, pin and sew the side seams in a way that the zipper remains in the middle of the cushion. Match up the same coloured wefts in the sides to make the pattern continue over the side seam.
4. Sew the side seams 6 ends from the selvedge (approx. 1 cm from the edge). Turn the piece.
Sew or buy matching sized inner cushions.



## Soft cotton blankets

## Tracks and Beads 3766

These blankets have a warm feeling to them. We used a thick cotton yarn to create a wonderfully soft surface and fluffy texture on the fabric. Winding the warp was easy when we slipped the yarn balls into the baskets. In the structure of the fabric, the plain weave and thread floats form a beautiful surface on both sides of the cover.

The warp Cotton Soft Novita, 010 natural white, $50 \mathrm{~g}=120 \mathrm{~m}, 100 \%$ cotton (tex. n. 410)
Warp width 100 cm the sett 4ends/cm number of yarn ends 400 length $4,34 \mathrm{~m}$ amount of warp yarn needed 704 g

Reed $\quad 1$ per dent in a 40 -dent reed (metric) $=40 / 1$
Structure Cord weave
The weft Same as the warp

## Finished size $87 \times 151 \mathrm{~cm}$

 Tracks of colour
## WEAVING INSTRUCTIONS

Weave 6 cm plain weave for the hem with grey (405) thread. Obs! Weave the other end of the blanket with natural white (010). Weave 4 picks with one colour and 4 picks tabby between the colour stripes. A dark and a light colour alternates.
Blue stripes:
Repeat 2 x :
grey plain weave
blue colour stripe (first throw from the left side)
grey plain weave
dark blue colour stripe (first throw from the right side)
Repeat 2 x :
natural white plain weave
blue colour stripe



SELVAGES
Do not cut the colour weft while weaving the plain weave. Bind it with the first second colour pick against the selvage and again with the last colour pick. Do the same with the other colours at the other edge. You can also bind the colour weft in the middle of the plain weave section if you find it useful.

natural white plain weave
dark blue colour stripe
Weave the red and yellow sections in the same way.

## The colour order of the stripes

blue and dark blue
light red and red
light yellow and yellow
Repeat 4 x

+ blue and dark blue to the end of the blanket

The sett in hem is 5 picks $/ \mathrm{cm}$. The sett in colour stripes is $6-7$ picks $/ \mathrm{cm}$ and the sett in plain weave is 5 picks $/ \mathrm{cm}$. 2 colour stripes +2 plain weave sections $=16$ picks $=3 \mathrm{~cm}$. The hight of one colour section is 13 cm . The woven length is $169 \mathrm{~cm}+$ hems á 6 cm . Size of the loom was $92 \times 156 \mathrm{~cm}$ after wet-finishing $87 \times 156 \mathrm{~cm}$.
Tip: Throw the plain weave weft from the same side as you press the treadle, and you'll know which of the plain weave treadles is in turn. When you are pressing the left treadle, throw the weft from the left side and when pressing the treadle on right, throw the weft from the right side.

## AMOUNT OF WEFT YARN NEEDED

405 grey 114 g
010 natural white 104 g
114 blue 33 g
171dark blue 34 g
504 light red 29 g
549 red 29 g
203 light yellow 29 g
269 yellow 27 g
399 g in total

## FINISHING

Steam or press the blanket fabric and hems. Sew the hems by hand using a cotton thread. Wash $40-60^{\circ} \mathrm{C}$. Dry flat. Shape while slightly damp, steam or iron through an ironing cloth.




## Finished size $84 \times 142 \mathrm{~cm}$

## Beads, white blanket

## AMOUNT OF WEFT YARN NEEDED

Cotton Soft Novita, $50 \mathrm{~g}=120 \mathrm{~m}, 100 \%$ cotton, Novita 010 natural white 500 g

## WEAVING INSTRUCTIONS

Leave 9 cm length for the fringes (short fringes). Weave the blanket according to the treadling order. The sett is approx. 7 picks $/ \mathrm{cm}$. The woven length is 168 cm , measured under tension. Size off the loom was $90 \mathrm{~cm} \times 150 \mathrm{~cm}$ and after wet-finishing $84 \times 142 \mathrm{~cm}$. Obs! Use a stretcher right from the start as the fabric narrows a lot. Weave a header at the beginning with scrap weft (to be unravelled later).

## FINISHING

Tye the ends with overhand knots. Cut the fringe to an even length. Steam or press the fabric. Wash $40-60^{\circ} \mathrm{C}$. Dry flat. Shape while slightly damp, steam or iron through an ironing cloth.


OPTIONAL PATTERN "DIAMOND"


## A weaving draft

The woven fabric consists of two yarn systems: the warp (ends) and the weft (picks). Different kinds of interlacements of warp and weft threads are called weave structures. The draft provides a graphic representation of the interlacement of warp and weft threads.

The four elements of the draft are THREADING, TREADLING, TIE-UP, DRAWDOWN. The drawdown has often been omitted from weaving patterns. In a draft for a table loom shaft and lever interrelated are linked with a drawn line. Instead of the part for treadling, there is a lifting plan for the shafts.


In the drawdown every square in the grid shows one point of interlacement between the warp and the weft. Black squares indicate intersections where the warp threads are on top of the weft threads and the white squares where the warp threads are under the weft thread.


From the tie-up you can see which shafts and warp threads are lifted. If the square is black, the shaft on the same row on the left of it is lifted. If the square is white the shaft and warp threads on it are lowered.

The four elements of the draft can also be arranged in a different order. The threading can be at the top left, the tie-up at the right corner up and the treadling under it. However, the connection between treadles and shafts always remains the same.

You can modify the same draft as suitable for different types of looms when you know how the shed is formed in them. In countermarch looms you can tie shafts to a raising or lowering position independently of each other. In counterbalanced looms two shafts are connected and when one shaft goes down the other goes up. In table looms and jack looms shafts only rise. In addition, many different systems can be used to form a shed. In Finland looms are mostly countermarch looms.


In countermarch looms the shafts with a black square in tie-up rise. The cord is tied from the treadle to the lower lam (lifts the shaft) where the square is black and from treadle to the upper lam (lowers the shaft) where the square is blank.


In a table loom the shed is formed by lifting the shafts independently.

## Other loom types:

In counterbalance looms the cord is tied from the treadle to the shaft. When pressing the treadle the shaft goes down, and therefore the cord is tied at the blank squares.

Jack looms have only rising shafts, and the cord is tied only at the black squares. There is no cord tyed in the blank squares.

In Finland we also have looms where the shed is formed only with lowering shafts. When pressing the treadle the shaft goes down and therefore the cord is tied at the blank squares.

## COUNTERMARCH LOOMS



1. treadle on the left

The shafts 3. and 4. (= first in front) rises when pressing the treadle 1 . The warp ends on those shafts rises.

## TABLE LOOMS



The shafts 3. and 4. (= first in front) rises when lifting the levers 3 . and 4 . The warp ends on those shafts rises.

In a table loom the shed is formed by lifting the desired shafts one by one. In a countermarch loom the shaft either rises or lowers depending on how the cords are tied. In a draft for a table loom the drawn line connects the shaft and the lever lifting it.

In a countermarch loom the shafts which have the black square on the same row in tie-up rise. You can see from the tie-up which shafts to lift when weaving on a table loom.

The threading must be the same as in the countermarch looms to have right shafts up.

Countermarch looms

1. WEFT PICK


Press the treadle 3 for the 1 . weft pick. Shafts 1 and 3 rises.

Countermarch looms
2. WEFT PICK


Press the treadle 6 for the 2 . weft pick. The shaft 1 (= hindmost) rises.

Table looms

1. WEFT PICK


Lift the levers 1 and 3 for the 1 . weft pick. Shafts 1 and 3 rises.

Table looms 2. WEFT PICK


Lift the lever 1 for the 2 . weft pick The shaft 1 (= hindmost) rises.

## How to change the tie-up of the countermarch loom fit for a table loom

You can mark the lifting plan for a table loom from a countermarch loom tie-up. Mark the filled black squares (rising shafts) according to the treadling order from the tie-up.
A. The column underneath the first pick (cross) of the treadling order is the tie-up for the treadle. Mark the black squares from it as the rising shafts to a lifting plan for a table loom.
B. The column underneath the second pick (cross) of treadling order is the tie-up for that treadle. Mark the black squares from that column as the rising shafts to a lifting plan for a table loom.

Mark all the picks from the treadling order one by one in the same way as the rising shafts for table loom.
B. Countermarch looms 2. WEFT PICK

$\uparrow$
press for 2. pick

Table looms 1. WEFT PICK


## FROM OUR READERS



Here is a photo of my sauna seat covers I wanted to share with fellow weavers. I found an old 40 cm cotton twine warp when I was cleaning out my closets, and decided to weave it with cotton yarn found at a thrift store.

I started and finished the covers by weaving one width of a bias band with a cotton twine yarn (same thickness as the warp). The ends are then easy to fold under the bias band.I also had some scrap yarns left from other projects: colour is not essential as the folded end is hidden. I machine washed it in $60^{\circ} \mathrm{C}$ even though the recommended temperature was $40^{\circ} \mathrm{C}$. The cover dried fast, it didn't even shrink and the colours didn't come out!

Hope someone else finds inspiration from these easy and durable sauna seat covers, perhaps as a housewarming gift.

Waiting for the next issue, Pirkko

## REED CONVERSION

| Metric | Imperial |
| :--- | :--- |
| Dents per 10 cm | Dents per Inch |
| 60 | 15 |
| $50-45$ | 12 |
| 40 | 10 |
| 30 | 8 |
| 25 | 6 |
| 20 | 5 |

There are small inaccuracies in the conversions from metric unit reeds to imperial units reeds.

## UNITS

1 inch (") $=2,54$ centimetres ( cm )
$1 \operatorname{yard}(y d)=0,914$ metres (m)
1 ounce (oz) $=28,35$ grams (g)
1 pound $(\mathrm{lb})=0,454$ kilograms ( kg )
$1 \mathrm{~cm}=0,394$ "
$1 \mathrm{~m}=1,094 \mathrm{yd}$
$1 \mathrm{~g}=0,035 \mathrm{oz}$
$1 \mathrm{~kg}=2,205 \mathrm{lb}$

## YARNS

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Garnhuset i Kinna, Sweden www.garnhusetkinna.se

## Weaver's Library

## KANKAANRAKENTAJAN OPAS

This guide (in Finnish) for dressing a loom is a popular textbook on the practical work involved in weaving. The guide includes clear instructions for winding the warp, beaming and tying up the treadles, and tips for actual weaving. 52 pages. A basic guide to keep by your loom. Price $€ 15.80$


## KANKAANRAKENTAJAN SIDOSOPPI

This guidebook (in Finnish) on the theory of fabric structure includes the basics of fabric structure and the most common weave types for floor looms. 68 pages. Price $€ 18.90$



The weft can be woven! These woven stripes we used into the wide bed cover.

## The Winter issue 4/2021 will be published in Nowember

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## ELEGANT AND STUBBORN LINEN

Sturdy linen is a unique yarn to weave with. It's not elastic yet it's flexible. It's shiny yet it's crinkly. Use these attributes in weaving. Every other yarn in the white rug is linen cord, which emphasizes and strengthens the wave pattern. The beautiful natural colour of linen is combined to black and white in the towels. The colour combination is timeless in it's beauty.


[^0]:    Labyrinth, Lemon and Small Cross.

