## Size Chart - Inches

## You will see there are two size ranges.

The first is $0-22$ (Twig + Tale Sizes A-L)
The second is a 14-38 (Twig + Tale Sizes H-T ) .
There is an overlap from sizes $14-22(\mathrm{H}-\mathrm{L})$ where you can choose which size range you would like to use based on your waist to hip ratio.

This tutorial covers sizes H-T (14-38).

| Numeric Size |  | $\begin{array}{\|l} \hline 0 \\ (12 \mathrm{yr}) \end{array}$ | $\begin{array}{\|l} 2 \\ (14 \mathrm{yr}) \end{array}$ | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Twig + Tale Size |  | A | B | C | D | E | F | G | H | I | J | K | L | M | N | 0 | P | Q | R | S | T |
| 0-22 RANGE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 14-38 RANGE |  |  |  |  |  |  |  |  |  |  |  |  |
| Upper Bust | inch | 29 | 30 | 31 | 32 | 33 | 34 | 35.5 | 37 | 39 | 41 | 43 | 45 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 37 | 39 | 41 | 43 | 45 | 47 | 49 | 51 | 53 | 55 | 57 | 59 | 61 |
| Full Bust | inch | 30 | 32 | 33 | 34 | 35 | 36 | 37.5 | 39 | 41 | 43 | 45 | 47 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 41 | 43 | 45 | 47 | 49 | 51 | 53 | 55 | 57 | 59 | 61 | 63 | 65 |
| Waist | inch | 25 | 25 | 25 | 26 | 27 | 28 | 29.5 | 31 | 33 | 35 | 37 | 39 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 47 | 50 | 53 | 56 | 59 | 62 |
| Hip | inch | 33 | 35 | 36 | 37 | 38 | 39 | 40.5 | 42 | 44 | 46 | 48 | 50 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 57 | 60 | 63 | 66 | 69 | 72 |
| Shoulder <br> Width | inch | 13.1 | 13.3 | 13.6 | 13.8 | 14 | 14.3 | 14.6 | 15 | 15.6 | 15.7 | 15.9 | 16.2 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 15.7 | 16.2 | 16.4 | 16.7 | 16.9 | 17.1 | 17.4 | 17.7 | 17.9 | 18.1 | 18.3 | 18.8 | 19.3 |
| Upper Arm | inch | 9.4 | 9.8 | 10.2 | 10.6 | 11 | 11.4 | 11.8 | 12.2 | 13 | 13.8 | 14.6 | 15.4 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 12.6 | 13.4 | 14.2 | 15 | 15.7 | 16.5 | 17.3 | 18.1 | 18.9 | 19.7 | 20.5 | 21.3 | 22 |
| Height | feet | 4'9" | 5'2" | 5’"' | 5’"' | 5'5" | 5'5" | 5'5" | 5'5" | 5'5" | 5’"' | 5'5" | 5'5" | 5'5" | 5'5" | 5'5" | 5'5" | 5'5" | 5'5" | 5'5" | 5'5" |

## Size Chart - Centimetres

## You will see there are two size ranges.

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There is an overlap from sizes $14-22(\mathrm{H}-\mathrm{L})$ where you can choose which size range you would like to use based on your waist to hip ratio.

This tutorial covers sizes H-T (14-38).

| Numeric Size |  | $\begin{array}{\|l} 0 \\ (12 \mathrm{yr}) \end{array}$ | $\begin{array}{\|l} 2 \\ (14 \mathrm{yr}) \end{array}$ | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Twig + Tale Size |  | A | B | C | D | E | F | G | H | I | J | K | L | M | N | 0 | P | Q | R | S | T |
| 0-22 RANGE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14-38 RANGE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Upper Bust | cm | 73.7 | 76.2 | 78.7 | 81.3 | 83.8 | 86.4 | 90.2 | 94 | 99.1 | 104.1 | 109.2 | 114.3 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 94 | 99.1 | 104.1 | 109.2 | 114.3 | 119.4 | 124.5 | 129.5 | 134.6 | 139.7 | 145 | 150 | 155 |
| Full Bust | cm | 76.2 | 81.3 | 83.8 | 86.4 | 88.9 | 91.4 | 95.3 | 99.1 | 104.1 | 109.2 | 114.3 | 119.4 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 104.1 | 109.2 | 114.3 | 119.4 | 124.5 | 129.5 | 134.6 | 139.7 | 144.8 | 149.9 | 155 | 160 | 165 |
| Waist | cm | 63.5 | 63.5 | 63.5 | 66 | 68.6 | 71.1 | 74.9 | 78.7 | 83.8 | 88.9 | 94 | 99.1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 81.3 | 86.4 | 91.4 | 96.5 | 101.6 | 106.7 | 111.8 | 119.4 | 127 | 134.6 | 142.5 | 150 | 157.5 |
| Hip | cm | 83.8 | 88.9 | 91.4 | 94 | 96.5 | 99.1 | 102.9 | 106.7 | 111.8 | 116.8 | 121.9 | 127 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 106.7 | 111.8 | 116.8 | 121.9 | 127 | 132.1 | 137.2 | 144.8 | 152.4 | 160 | 167.5 | 175.5 | 183 |
| Shoulder <br> Width | cm | 33.2 | 33.8 | 34.5 | 35 | 35.5 | 36.2 | 37.2 | 38.2 | 39.5 | 40 | 40.5 | 41.2 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 40 | 41.2 | 41.7 | 42.5 | 43 | 43.5 | 44.2 | 45 | 45.4 | 46 | 46.6 | 47.8 | 49 |
| Upper Arm | cm | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 33 | 35 | 37 | 39 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 |
| Height | cm | 145 | 157.5 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 |

## Finished Garment Measurements

Sometimes it is handy to know how much "ease" there is in a pattern if trying to decide between sizes.
The following chart details the measurements of the finished garment.

| Finished Garment Size |  | h | i | j | k | 1 | m | n | 0 | p | q | r | s | t |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hip Clearance <br> (Elastic waistband fully stretched) <br> EASE: $1 "(2.5 \mathrm{~cm})-21 / 2 "(7 \mathrm{~cm})$ depending on size | inches | 44.3 | 46.7 | 48.4 | 50.4 | 52.2 | 54.1 | 56.1 | 58.9 | 61.6 | 64.6 | 67.3 | 70.1 | 73 |
|  | cm | 112.5 | 118.5 | 123 | 128 | 132.5 | 137.5 | 142.5 | 149.5 | 156.5 | 164 | 171 | 178 | 185.5 |
| Rise (U-shaped, from top front waistband to top back waistband) | inches | 28.4 | 29.5 | 30.3 | 31.1 | 32.5 | 33.7 | 34.4 | 36.2 | 37.2 | 38.4 | 40.2 | 41.3 | 42.3 |
|  | cm | 72.1 | 75 | 77 | 79 | 82.5 | 85.5 | 87.5 | 92 | 94.5 | 97.5 | 102 | 105 | 107.5 |
| Inleg | inches | 4.3 | 4.3 | 4.3 | 4.5 | 4.5 | 4.9 | 4.9 | 5.3 | 5.3 | 5.5 | 5.5 | 5.7 | 5.7 |
|  | cm | 11 | 11 | 11 | 11.5 | 11.5 | 12.5 | 12.5 | 13.5 | 13.5 | 14 | 14 | 14.5 | 14.5 |

## Gather Supplies

## Suggested Fabrics

The shorts are a casual style with a semi-loose fit so will suit a light to mid-weight woven fabric with good drape. Stiffer fabrics will give a more structured look which may not be desirable.

Light and mid-weight wovens: Linen, cotton, seersucker, silk, lightweight wool suiting, tencel, bamboo, viscose rayon, chambray, light twills, mixed fibre wovens with good drape

## Fabric Requirement Chart

You may need more if matching plaids/checks or if you have a directional fabric.

| Fabric Width |  | h | i | j | k | 1 | m | n | o | p | q | r | S | t |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $110 \mathrm{~cm} / 43$ " | inches | 59.1 | 59.1* | 70.9* | 70.9* | 70.9* | 78.7* | 78.7* | 78.7* | 90.6* | 90.6* | 90.6* | 98.4* | 98.4* |
|  | cm | 150 | 150* | 180* | 180* | 180* | 200* | 200* | 200* | 230* | 230* | 230* | 250* | 250* |
| $132 \mathrm{~cm} / 52^{\prime \prime}$ | inches | 51.2 | 51.2 | 55.1 | 55.1 | 55.1 | 70.9* | 70.9* | 70.9* | 78.7* | 82.7* | 82.7* | 90.6* | 90.6* |
|  | cm | 130 | 130 | 140 | 140 | 140 | 180* | 180* | 180* | 200* | 210* | 210* | 230* | 230* |
| $150 \mathrm{~cm} / 59$ " | inches | 39.4 | 39.4 | 47.2 | 47.2 | 47.2 | 63 | 63 | 63 | 70.9* | 70.9* | 70.9* | 78.7* | 78.7* |
|  | cm | 100 | 100 | 120 | 120 | 120 | 160 | 160 | 160 | 180* | 180* | 180* | 200* | 200* |

* Please note, these sizes will need the waistband turned to run along the selvedge or will need $a^{3 / 8}$ " 1 cm ) seam allowance added to the back of the waistband (fold line). Fabric Requirement is for the waistband with a seam added at the back of the waistband.


## Other Supplies \& Notions

- Spool of coordinating thread
- Elastic $1^{\prime \prime}(25 \mathrm{~mm})$ for sizes A-L, or $1^{1} / 2^{\prime \prime}(38 \mathrm{~mm})$ for sizes M-T of firm knitted, woven, or non-roll elastic + a large safety pin for threading the elastic through. See chart below for length required.


## Elastic Cut Length

| Size |  | h | i | j | k | 1 | m | n | 0 | p | q | r | s | t |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1" (25mm) elastic |  |  |  |  | $11 / 2 "(35 \mathrm{~mm})$ elastic |  |  |  |  |  |  |  |
| Back Elastic | inches | 35 | 37 | 39 | 40.9 | 42.9 | 44.5 | 46.1 | 48.8 | 51.6 | 54.3 | 57.1 | 59.8 | 62.6 |
| Cut 1 | cm | 89 | 94 | 99 | 104 | 109 | 113 | 117 | 124 | 131 | 138 | 145 | 152 | 159 |



Image by Marina Lienhard


Image by Rachel Kluesner


Image by Penny Rohleder

## Upcycle Inspiration

## Making Shorts from Recycled Materials

All Twig + Tale ${ }^{\circledR}$ patterns are designed to be made from upcycled materials! Here at Twig + Tale ${ }^{\circledR}$ HQ, we are proudly passionate about recycling.
We hope to encourage and inspire you to enjoy that same satisfaction of making something truly exquisite from discarded textiles. Here are some ideas on how to make your garment from upcycled materials - saving the planet and your pocket.


When making adult sized garments it can be challenging to find items to upcycle which yield enough fabric for a complete garment. This is where thinking about accents can be helpful.
Cotton shirts can be upcycled into pockets.
Shoelaces can be used as waist ties, as can twill tape, or bias binding unpicked off discarded garments.


Cotton or linen duvet covers may yield enough fabric for a full pair of shorts. Often the fabric around the edges of the covers is in better condition than in the middle.

Embroidered handkercheifs make cute pockets.
Lace can be layered over fabric for an interesting pocket detail.


Scrap-busting! Scraps could be used for contrasting waistbands, or pockets, or even to make your own bias binding.


Search the T+T Blog at twigantale.com for directions on how to upcycle shirts into bias binding.

