scant BY Latifah Saafir STUDIOS **The HuRTy™ 1**

No Fuss, No Pain
Half Rectangle Triangles

Cutting Tips:

- Non-directional or two-directional fabrics are recommended.
- Press fabric with starch/starch alternative before cutting to help stabilize bias edges.
- A rotating cutting mat makes squaring up the HRT units easier.

Terminology

HRT Piece - a single 90° triangle from a rectangle cut in half diagonally.

HRT Unit - a unit made up of two matching HRT pieces joined along the long (diagonal) side.

Right Facing & Left Facing

HRTs can be cut in two different directions using The HuRTy™. Either can be oriented vertically or horizontally but rotating changes the direction of the diagonal side. **Version A vertical**: Right Facing - the diagonal runs from upper left to lower right. **Version A horizontal**: Left Facing - the diagonal runs from upper right to lower left. **Version B vertical**: Left Facing - the diagonal runs from upper right to lower left. **Version B horizontal**: Right Facing - the diagonal runs from upper left to lower right.



Using the HRT Precutting Chart

Height: For each HRT finished size, cut rectangle(s)/strip(s) the listed height.

Width: Cut 1 Piece - If you just need 1 HRT piece. This is great for scrappy but will leave a large triangle scrap.

Width: Cut 2 Pieces - If you need a pair of HRT pieces. This is a more efficient use of fabric!

 # HRT Pieces Across WOF - Quantity of HRT pieces that can be cut from a 40″ width of fabric strip.

HRT Precutting – A or B

Finished HRT Size Vertical (Horizontal)	Height	Width: Cut 1 Piece	Width: Cut 2 Pieces	# HRT Pieces Across WOF
Group 1				
1″ x 2″ (2″ x 1″)	3″	2⅛″	2¾″	28
1½″ x 3″ (3″ x 1½″)	4″	2⅝″	3¼″	24
2″ x 4″ (4″ x 2″)	5″	3⅛″	3¾″	20
2½″ x 5″ (5″ x 2½″)	6″	3⅝″	4¼″	18
3″ x 6″ (6″ x 3″)	7″	4⅛″	4¾″	16
3½″ x 7″ (7″ x 3½″)	8″	4⅝″	5¼″	14
4″ x 8″ (8″ x 4″)	9″	5⅛″	5¾″	12
4½″ x 9″ (9″ x 4½″)	10″	5⅝″	6¼″	12
5″ x 10″ (10″ x 5″)	11″	6⅛″	6¾″	10
5½″ x 11″ (11″ x 5½″)	12″	6⅝″	7¼″	10
6″ x 12″(12″ x 6″)	13″	7⅛″	7¾″	10
Group 2				
1″ x 6″(6″ x 1″)	7″	1¾″	2⅜″	32
1½″ x 9″(9″ x 1½″)	10″	2¼″	2⅞″	26
2″ x 12″(12″ x 2″)	13″	2¾″	3⅜″	22

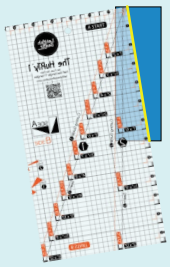
Precut A or B – Vertical

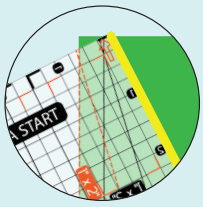
Using the Precut Chart, cut rectangle(s) or WOF strip(s) for desired finished HRT size and quantity.

Cut HRT Version A – Vertical

1. Place precut rectangle or strip right side up on cutting mat. Place The HuRTy™ with Side B up so that you see A START at the top of the ruler. Rotate slightly to the left and align Cutting Guide 1 or 2 line with left-hand vertical edge of fabric.







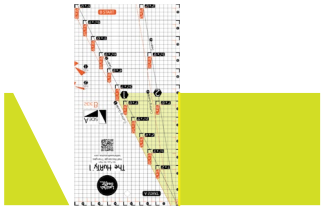
2. Slide ruler down so the alignment arrow touches top horizontal edge of the fabric. Cut along right-hand edge of The HuRTy™. *Note: For the larger HRT sizes slide the ruler down along the diagonal to complete the cut.*

3. You will have 2 triangles. If cutting single pieces, discard smaller triangle.

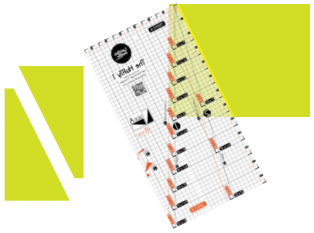


Continue for Cutting Multiple Pieces Across WOF

4. Flip The HuRTy™ top to bottom so that the ruler is on Side A with The HuRTy™ logo upside down. Align angled fabric edge with Cutting Guide 1 or 2 and The HuRTy™ with the bottom of the fabric strip. Cut along right-hand edge of The HuRTy™.



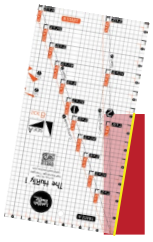
5. Repeat steps 1 - 4 until the desired number of HRT pieces have been cut or there is not enough fabric left to cut more pieces. *Hint: After each cut flip The HuRTy™ top to bottom to reposition for next cut.*



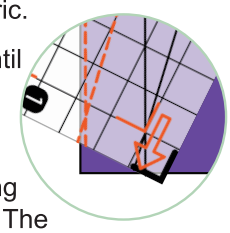
Cut HRT Version B – Vertical

1. Place precut rectangle or strip right side up on cutting mat. Place The HuRTy™ with Side A upside down so that you see B START at the top of the ruler. Rotate slightly to the right and align Cutting Guide 1 or 2 line with left-hand vertical edge of fabric.

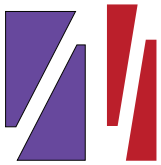




2. Slide ruler up until alignment arrow touches bottom horizontal edge of the fabric. Cut along right-hand edge of The HuRTy™. Note: For the larger HRT sizes slide the ruler up along the diagonal to complete the cut.



3. You will have 2 triangles. If cutting single pieces, discard smaller triangle.



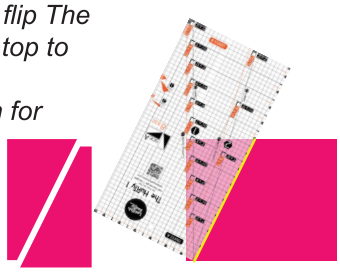
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Continue for Cutting Multiple Pieces Across WOF

4. Flip The HuRTy™ top to bottom so that the ruler is on Side B with The HuRTy™ logo wrong side up at top. Align angled fabric edge with Cutting Guide 1 or 2 and The HuRTy™ with the top of the fabric strip. Cut along right-hand edge of The HuRTy™.



5. Repeat steps 1 - 4 until the desired number of HRT pieces have been cut or there is not enough fabric left to cut more pieces. *Hint: After each cut, flip The HuRTy™ top to bottom to reposition for next cut.*



Horizontal HRT – A or B

Non-directional fabric: Double check desired final diagonal orientation for A or B direction (opposite of the vertical orientation), then follow vertical cutting instructions for desired angle and rotate when sewn.



Two-directional fabric: Precut rectangles reversing width and height dimensions. Then rotate fabric to vertical orientation and follow vertical cutting and sewing directions.

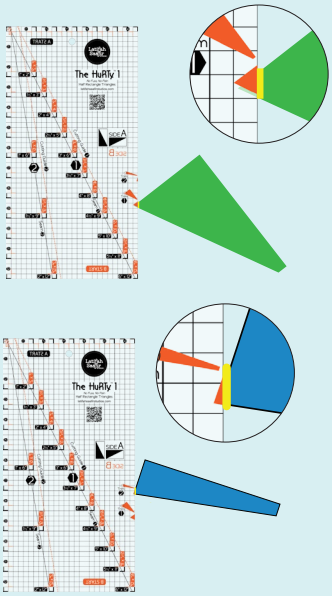
Make additional HRT sizes with
The HuRTy™ 2 & 3

Post your projects online with #thehurtyruler and @wearescant

Scan QR Code or visit the SCANT™ YouTube channel for The HuRTy™ tutorials!

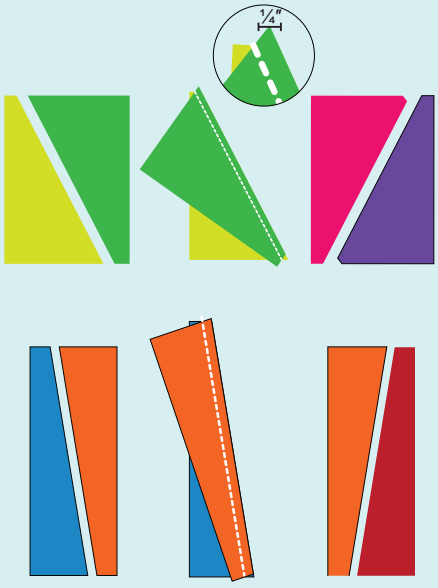
Trim (Optional)

These oversized HRT pieces don't require precision alignment as they are trimmed after sewing. If desired, use the Trim Guides on The HuRTy™ to trim the triangle tips off for easy alignment when sewing. Place The HuRTy™ trim guide on the fabric triangle tip oriented exactly as shown on the ruler and trim.



Sew – A or B

Place 2 HRT pieces right sides up in their final orientation. Flip right hand piece over along diagonal edge so that they are right sides together. For untrimmed pieces, offset the ends by approximately ¼". For trimmed pieces, align ends. Pin. Sew with a ¼" seam. Press.



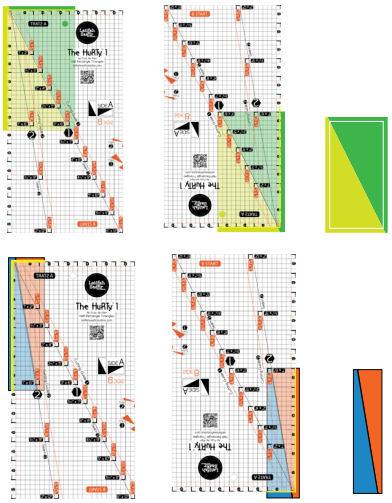
Square Up

The HRT units are oversized so that they can be easily squared up to the correct size.

Square Up Version A

Place The HuRTy™ Side A up on top of the HRT unit. Align the diagonal Seam Line 1 or 2 with the diagonal seam. Make sure the unit extends past the top and left ruler edges and just past the lines for the correct finished HRT unit size.

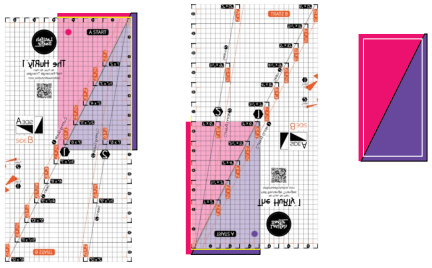
Cut top and left edges. Rotate The HuRTy™ aligning top and left edges with the unit lines on The HuRTy™ and trim right and bottom edges.



Square Up Version B

Place The HuRTy™ Side B up on top of the HRT unit. Align the diagonal Seam Line 1 or 2 with the diagonal seam. Make sure the unit extends past the top and right ruler edges and just past the lines for the correct finished HRT unit size.

Cut top and right edges. Rotate The HuRTy™ aligning top and right edges with the unit lines on The HuRTy™ and trim left and bottom edges.



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