



## Introduction to the Wedge Star Ruler

*"Freelancer"*

**Blackstone Quilting Company**

**Your choice of size: 9" to 72" without borders\***

**2 Saturdays**

**March 18<sup>th</sup> & 25<sup>th</sup>, 2023**

**1-4pm**

**\$45 (Price Reduced)**

## Class Description

Deb Tucker's Studio 180 Design *Wedge Star* tool is sure to be an exciting addition to your quilting toolbox! Learn

how to make a variety of different blocks from simple kaleidoscope blocks to complex stars. We'll be learning how to make the three different 6" blocks that make up a pattern she calls *Freelancer* – a free project on the back of your *Wedge Star* instructions.

**Required:** Studio 180 Design "Wedge Star" Trim Tool

Tucker Trimmer III

"Invisigrip" non-slip backing for your rulers (please apply to the backs of both rulers before class)

**Pattern:** Free Pattern that came with the tool (from the packaging or the download)

**Basic Sewing Supplies:** Sewing machine, thread & bobbins, 1/4" foot, scissors, Pins, seam ripper, rotary cutter with new blade, rulers

**Optional:** personal iron and ironing mat, cutting mat

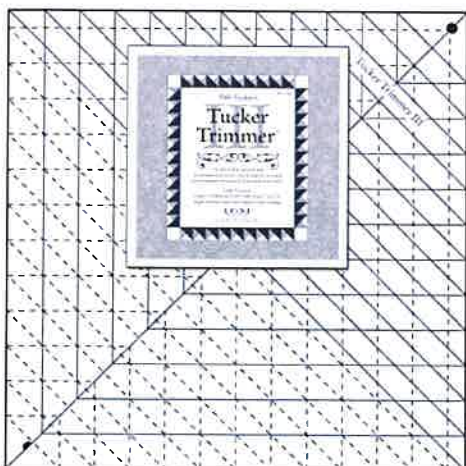
**Fabrics Needed - \*Amount of fabric is based on the size:**

**Dark**

**Medium**

**Light**

**Background**

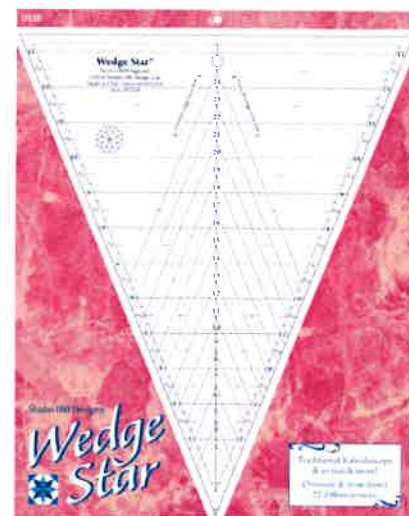


**\*Please let me know what size you're making or with any questions:**

**Tracy O'Donnell**

**Studio 180 Design**

**Certified Instructor**



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Studio 180 Design

*Certified Instructor*



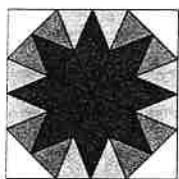
Don Tucker's  
Studio 180

# Wedge Star™

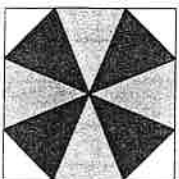
The **Wedge Star™** tool is designed to make a variety of different blocks based on 45° sub-units. They range from simple kaleidoscope blocks to complex Wedge Stars with Diamond Points going north, south, east and west. Units can be interchanged to create unlimited designs, and there are 22 different size options built into the tool, ranging from 3" finished to 24" finished. Like all Studio 180 Design tools and techniques, the shapes used in the blocks will be cut slightly oversized and then precision trimmed after sewing and pressing are complete. This makes construction easy, blocks perfectly sized, and all points precise. No other tool gives you better results. You will have higher precision, greater design versatility, and easier construction than ever before.

## Basic Wedge Star™ Blocks

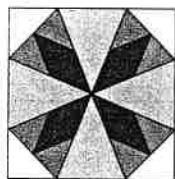
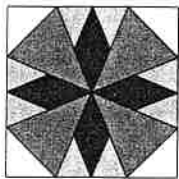
There are three basic blocks that you can make with the **Wedge Star™** tool.



The **Wedge Star Block** is made up of 8 Diamond Wedges and 4 Corner Triangles. A Diamond Wedge is a Wedge that contains a diamond (star point), so each is made up of a star point and 2 Small Wedges. It looks similar to a Lemoyne Star except the star points are rotated so some point north, south, east and west.



The **Wedge Block** is made up of 8 Large Wedges and 4 Corner Triangles. It is the simplest of the blocks and is a traditional kaleidoscope block.



The **Mixed Block** can be made up of any combination of Diamond Wedges and Large Wedges, plus four corner triangles.

## Tool Basics

Your new Wedge Star™ tool has three sections.

- Wedge cutting section
- Diamond trim down section
- Outside edge trim section

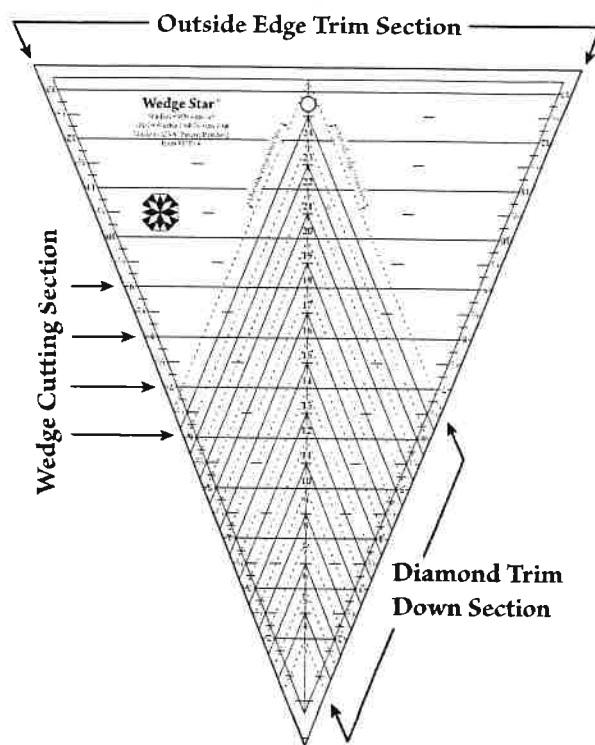
The **Wedge Cutting** section has numbers along the edges that correspond to the width of your Wedge strips. You'll find whole inch, half inch and quarter inch increments.

The **Diamond Trim Down** section has solid lines, broken lines, and numbers. The broken lines indicate trim down for odd size blocks and solid lines indicate trim down for even size blocks. The numbers indicate the finished block size.

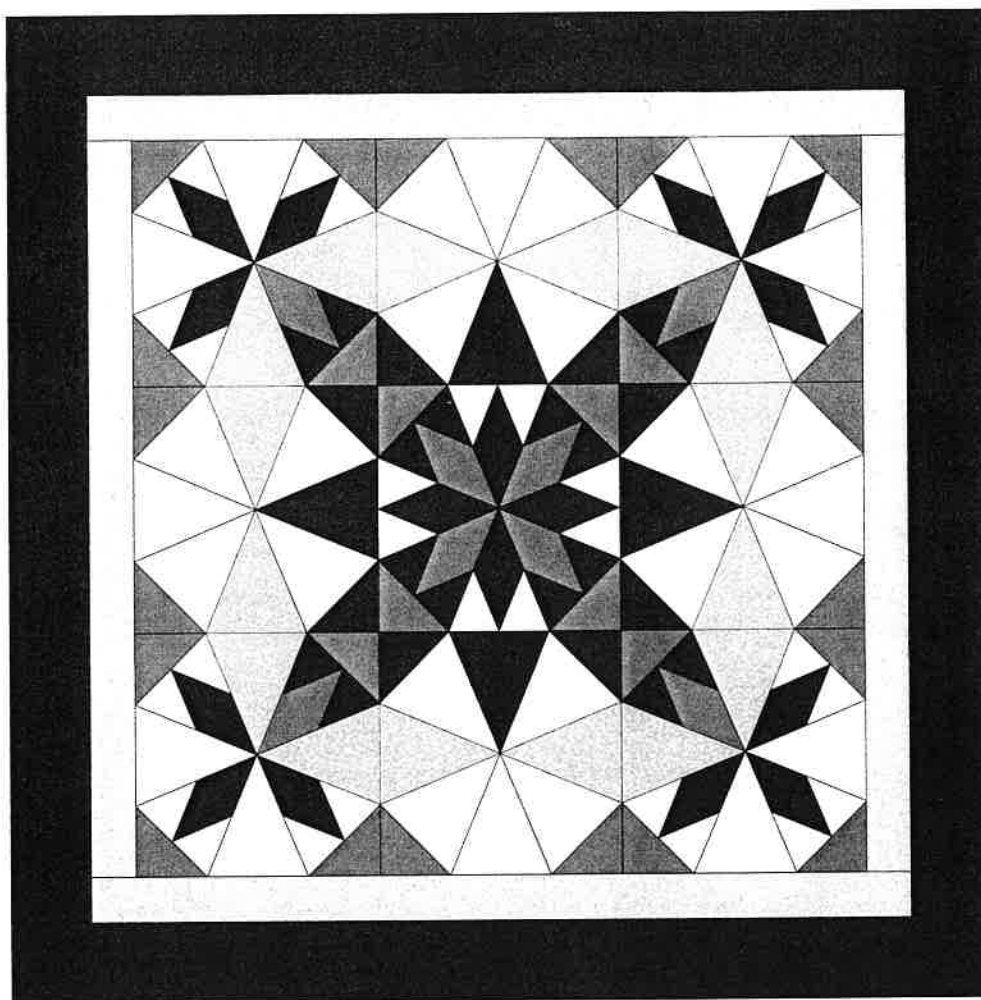
The **Outside Edge Trim Lines** are designed to trim down the outer edge of the Pieced Diamond Wedge. They will give you the necessary  $\frac{1}{4}$ " seam allowance beyond the point of the Diamond.

## Cutting Chart

You will be cutting strips and squares to create your blocks. The chart provides you with the information that you need for each of the 22 block sizes you can make with the tool. To use the chart, find your desired finished size block, then follow the row across to determine the strip and square sizes you need to cut. In several of the boxes you will see a dimension in parentheses one eighth inch smaller than the other size. If you don't mind cutting eighths, the smaller dimension will work.



Finished Block Size	Block Cut Size	Block Center Dimension	Diamond Strip	Small Wedge Strip	Large Wedge Strip	Corner Squares
3"	3½"	1¾"	1¼"	2"	2½"	2¼"
4"	4½"	2¾"	1½"	2¼"	3"	2½"
5"	5½"	2¾"	1¾" (1⅝")	2½"	3½"	2¾"
6"	6½"	3¾"	1¾"	2¾"	4"	3"
7"	7½"	3¾"	2"	3"	4½"	3¾"
8"	8½"	4¾"	2¼"	3¾"	5"	3½"
9"	9½"	4¾"	2½"	3½"	5½"	4"
10"	10½"	5¼"	2¾" (2⅝")	3¾"	6"	4¼"
11"	11½"	5¾"	2¾"	4"	6½"	4¾"
12"	12½"	6¼"	3"	4¼"	7"	4¾"
13"	13½"	6¾"	3¼"	4½"	7½"	5"
14"	14½"	7¼"	3½"	4¾"	8"	5¾"
15"	15½"	7¾"	3¾" (3⅝")	5"	8½"	5¾"
16"	16½"	8¼"	3¾"	5¼"	9"	6"
17"	17½"	8¾"	4"	5½"	9½"	6¼"
18"	18½"	9¼"	4¼"	5¾"	10"	6¾"
19"	19½"	9¾"	4½"	6"	10½"	6¾"
20"	20½"	10¼"	4¾" (4⅝")	6¼"	11"	7¼"
21"	21½"	10¾"	4¾"	6½"	11½"	7¼"
22"	22½"	11¼"	5"	6¾"	12"	8"
23"	23½"	11¾"	5¼"	7"	12½"	8¼"
24"	24½"	12¼"	5½"	7½"	13"	8½"

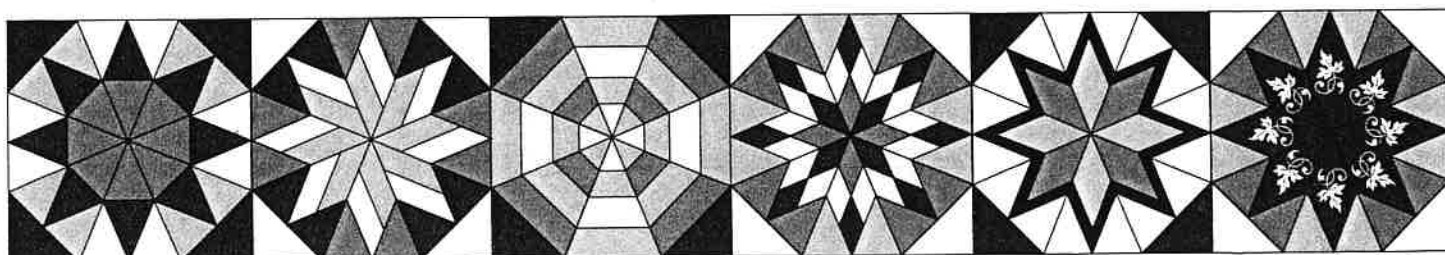


**Freelancer Project Layout**

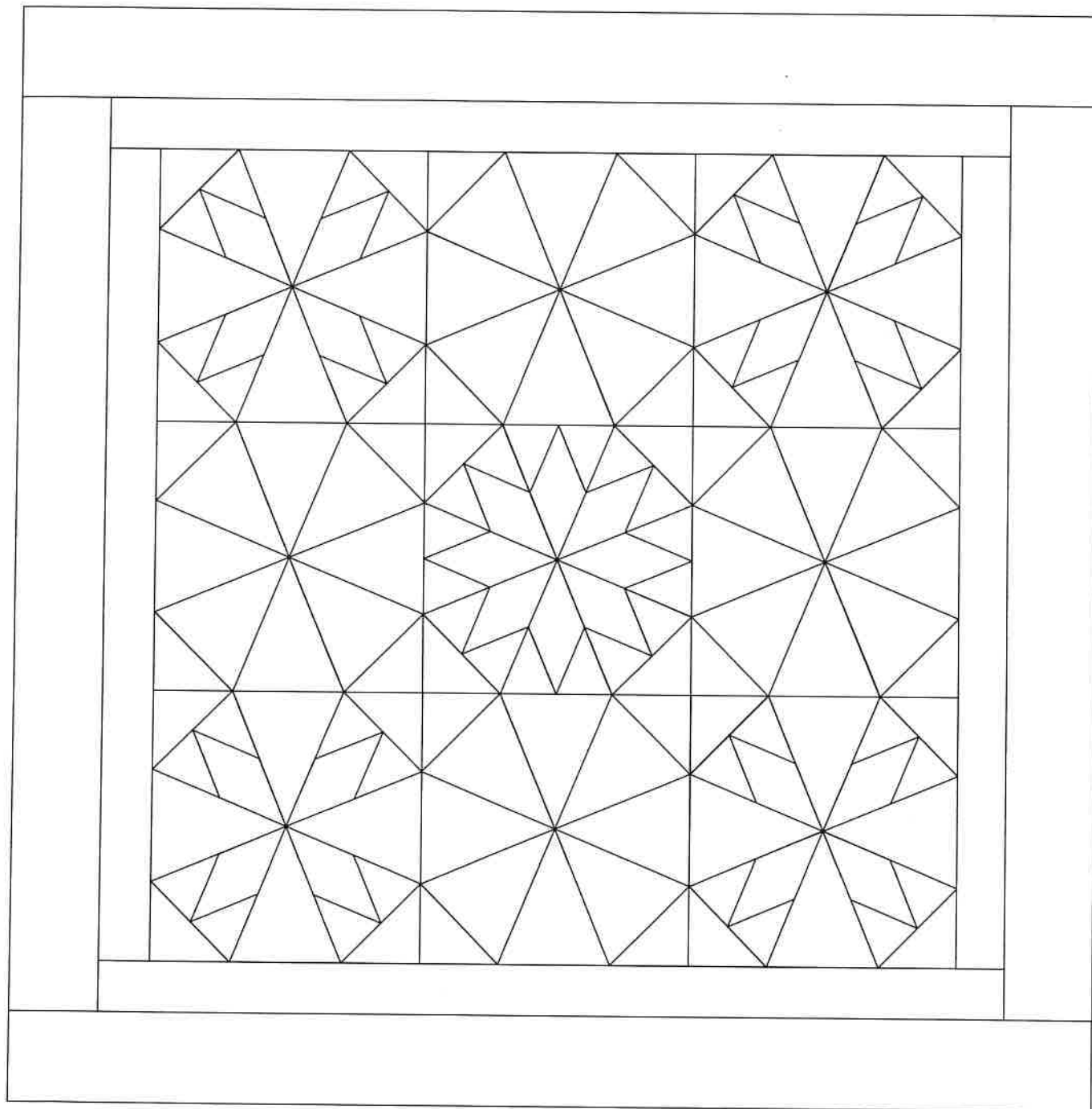
## What Else Is There?

The sky is the limit! Imagine how interesting your blocks would be if you strip pieced your Large Wedges! Or maybe fussy cut your Diamond Points ... Or tried some fun color play ... There are all sorts of interesting things you can do to add even more interest to your blocks. Think outside the block to stretch the limits of your new **Wedge Star™** tool. We can't wait to see what unique and interesting designs you create using your new **Wedge Star™** tool and would love to see a photo when you are finished. You can share a photo of your project either on Instagram ([#WedgeStar](#)) or on our Gallery page at [Studio180Design.net](#).

We hope you enjoy working with your new **Wedge Star™** tool. To see more innovative tools, techniques, videos, patterns and products developed by Studio 180 Design, visit our website: [Studio180Design.net](#). Also be sure to check out your local quilt shop for Tucker University classes and in store programs revolving around our tools.



## Color Audition Diagram for the Freelancer Pattern Included with the Wedge Star™ Tool



This diagram can be used to determine color placement when choosing fabrics for your project.