# NON－SLIP Circle Savvy Ruler 

This ruler is designed to cut circles，half－circles， and quarter－circles from $3^{\prime \prime}$ to $155^{1 / 2}$＂and every $1 / 2^{\prime \prime}$ in between．

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## \＃CGRSAV1



Quarter Circle

## Made in USA

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Note：The Circle Savvy Ruler is designed to work with most 45 mm or smaller rotary cutters．Hold rotary cutter straight up and down for ease of cutting．Guide the rotary cutter along the inside edge．

## To Cut Exact Size Quarter Circles：

Determine the desired finished radius of a quarter circle，in this example， 6＂．Cut a fabric square 1＂LARGER than the finished radius，in this example， 7＂．Align the FOLD LINES marked on the ruler with the raw edges of the fabric．Multiply desired quarter circle radius by 2 and cut using that slot number．（In this example $6 \times 2=12$ ，using the $12^{\prime \prime}$ slot．）

Quarter Circle Arc：Radius x 2 ＝slot used for cutting


## To Cut Exact Size Half Circles：

Determine the desired finished size of the half circle，in this example， 6 ＂x 12＂．Cut a fabric rectangle 1 ＂LARGER，in this example， 7 ＂x 13 ＂．Fold the rectangle in half and press．Align the FOLD LINES marked on the ruler with the folded edge and the raw edge of the fabric square and cut the arc using the 12＂slot．


## For Fused Appliqué Technique：

Cut a piece of fusible webbing $1 / 2^{\prime \prime}$ SMALLER in both width and length than the fabric from which the circle，half circle or quarter circle is to be cut．Following manufacturer＇s instructions，apply fusible webbing to the wrong side of the fabric．Leave the paper backing on the fabric until after the piece is cut．Fold the fabric into quarters for a circle or half for a half circle．Cut the desired shape．

## Freezer Paper Appliqué Technique for Circles：

Determine the desired finished size of the appliquéd circle．Cut a square of freezer paper 1＂LARGER than the diameter of the finished circle．Fold the freezer paper into quarters．Align the FOLD LINES marked on the ruler with the folded edges of the freezer paper．Cut following the arc for the desired size．（For example，for a 12＂diameter finished circle，cut a 13＂ square of freezer paper．Cut the freezer paper circle using the 12 ＂slot．）

Cut a square of fabric 1 ＂larger than the desired finished diameter of the circle．Fold the fabric square into quarters and press．Align the FOLD LINES marked on the ruler with the folded edges of the fabric．Cut circle $1 / 2$＂LARGER than the desired finished diameter．（In this example cut a 13 ＂square of fabric．Cut the circle using the $121 / 2$＂slot．）

## For Set-In Circles:



Determine the desired finished diameter of the circle. Cut a fabric square $11 / 2$ " LARGER than the desired size. Fold square into quarters and press well.

Align the FOLD LINES marked on the ruler with the folded edges of the pressed square. Cut the circle $1 / 2{ }^{1}$ LARGER than the finished diameter. (For example, for a finished 12 " circle, start with a $131 / 2$ " fabric square. Cut using the $121 / 2$ " slot.)


Cut the background square to desired size. Fold background square into quarters and press well. Align the FOLD LINES marked on the ruler with the folded edges of the pressed square. Cut the circle out of the background fabric $1 / 2{ }^{\prime \prime}$ SMALLER than the finished size of the circle. (In this example, cut an $11 \frac{1}{2}$ " circle out of the background square.)

## For Set-In Half Circles:



1. Determine the desired finished diameter of the half circle.

Cut a fabric rectangle approximately $11 / 2$ " WIDER and TALLER than desired size. Fold rectangle in half and press well. Align FOLD LINES marked on the ruler with folded edge of fabric and the $1 / 4$ " SEAM ALLOWANCE LINE marked on the ruler with the raw edge of the fabric. Cut half circle $1 / 2^{\prime \prime}$ LARGER than finished diameter. (For example, for a finished $12^{\prime \prime} \times 6^{\prime \prime}$ half circle, start with a $131 / 2^{\prime \prime} \times 71 / 2$ " fabric rectangle. Cut using the $121 / 22^{\prime \prime}$ slot.)

$\begin{array}{lllllllll}3 / 2 & 41 / 2 & 51 / 2 & 6 / 2 & 7 / 2 & 81 / 2 & 9 / 2 & 10 / 2 & 11 / 2 \\ 121 / 2 & 13 / 2 & 141 / 2 & 15 / 2\end{array}$
2. Fold background rectangle in half and press well. Align FOLD LINE marked on the ruler with folded edge of fabric and the $1 / 4$ " SEAM ALLOWANCE LINE marked on the ruler with the raw edges of fabric. Cut background arc $1 / 2{ }^{2}$ SMALLER than finished diameter. (In this example use the $11 \frac{1}{2}$ " slot to cut your background half circle.)

## For Set-In Quarter Circles:



1. Determine the desired finished radius of quarter circle and cut a fabric square approximately 1 " LARGER than desired size. Align $1 / 4$ " SEAM ALLOWANCE LINES marked on the ruler along the edge of the square. Multiply quarter circle radius by 2 and cut quarter circle $1 / 2$ " LARGER than that number. (For example, for a finished 6 " quarter circle, start with a 7 " fabric square. Cut using the $121 / 2$ " slot.)


Quarter Circle: Radius x $2+1 / 2^{\prime \prime}=$ slot used for cutting
2. Cut background to desired size. Align $\mathbf{1 / 4}$ " SEAM ALLOWANCE LINES marked on the ruler along the edge of the background square. Multiply quarter circle radius by 2 and cut quarter circle $1 / 2$ " SMALLER than that number. (In this example use the $11 \frac{1}{2}$ " slot to cut your background arc.)

Background Arc: Radius $\times 2-1 / 2=$ slot used for cutting

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