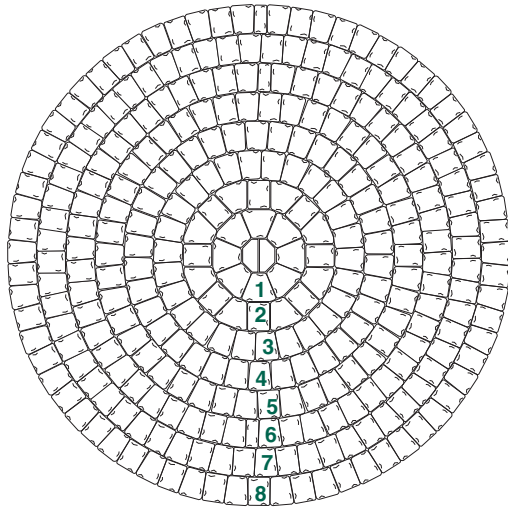


Circles and Fans

Circles

Our **Circle Pak** is comprised of five shapes that can be used to create both half and full circles. Sold by the pallet, each Circle Pak can form circles as small as 6 1/2" in diameter to as large as 108 1/2". A second Circle Pak will expand the diameter to 159". Medium Rectangles are used to extend the diameter to 184 1/2". For circles exceeding these dimensions, continue with Medium Rectangles or incorporate Squares. Each additional row increases the diameter approximately 12 3/4".

Start circles in the center and work your way out. Refer to the chart for the sequence in which the shapes are placed. Expand the circle one row at a time placing the stones hand-



Use *Medium Rectangle* and/or *Square* stones to expand the circle beyond the 14 rows shown in chart. Additional rows will increase the diameter in increments of approximately 12 3/4".

tight and joints offset from the previous row. Please note that all the joints may not be staggered from row to row.

When including circles in a pavement, you will want to deduct the area of the circle from the overall square footage of the pavement. There's no need to dig out that old geometry book as we have included the formulas here to help with determining the area of a circle and layout.

- Area of a circle = dia² x .7854 (Ex. 8' dia. = 64 x .7854)
- Area of a circle = rad² x 3.14 (Ex. 4' rad. = 16 x 3.14)
- Circumference of a circle = diameter x 3.1416
- Diameter of a circle = circumference x .3183

Row	Diameter	CS	LW	SW	MR	SR	#Packages
Center	6 1/4"	2					
1	19 1/4"		8				
2	31 3/4"		8		8		
3	44 1/2"			26			
4	57 1/2"			34			
5	70"			21	21		
6	83"			26	24	2	
7	96"			30	30		
8	108 1/2"			34	33	1	
9	120 3/4"			38	38		
10	133 1/2"			42	42		
11	146 1/4"			45	45		
12	159"			49	49		
13	171 3/4"				106		
14	184 1/2"				115		

LEGEND

CS - Center Stone	MR - Medium Rectangle
LW - Large Wedge	SR - Small Rectangle
SW - Small Wedge	

Fans

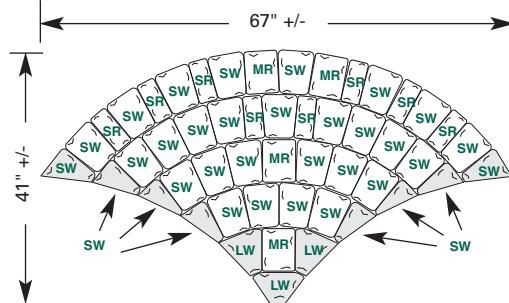
Circle Paks can also be used to create fans, which impart an "old world" look and require a similar expertise when setting. We have shown a popular size that can be set within the arm's reach of the installer. Shaded areas are stones that require cutting. One Circle Pak will do five fans of this size.

Start laying fans at a 90° angle by snapping a line where the center of the first fan will go. Using a paver square or the 3-4-5 triangle method, strike a perpendicular line to establish a square corner where the two lines intersect.

LEGEND/LAYOUT KEY

- 3 pcs. - Large Wedge (LW)
- 35 pcs. - Small Wedge (SW)
- 8 pcs. - Small Rectangle (SR)
- 4 pcs. - Med. Rectangle (MR)

Shaded areas indicate cut stones



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