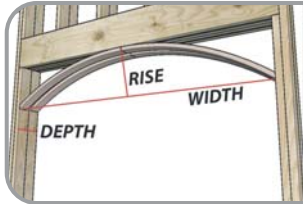


## How to Measure a Soft Arch



### Understanding the Measurements

**Depth**= the net thickness of the wall.

**Width**= the span of the opening.

**Rise**= the drop of the arch as measured from the apex of the arch to the lowest point it encounters the trimmer.



**1**

Determine the depth of your opening to the nearest quarter inch.



**2**

Determine the width of your opening to the nearest quarter inch. Decide if you want your arch to be adjustable or fitted. Reference "Adjustable vs Fitted" on the right.



**3**

Determine your rise to the nearest quarter inch. Reference the "Finding Your Rise" on the right for the 3 most popular methods of deriving your rise.



**4**

Determine your location. Each arch will be labeled with the location of where the arch will be installed. This will ensure accurate placement during installation when you have multiple arches.

### Adjustable vs Fitted

**Adjustable (ADJ)**= When you are unsure about the exact width of rough opening and would like the flexibility to adjust on site, we design your arch to be adjusted 3" smaller or 3" larger. This is the popular choice when using your plan to complete your take-off.

**Fitted (FIT)**= When you are definite about your rough opening, this is the perfect solution. Your arch will be delivered cut to fit. This is the popular choice when you have walked the job and have pulled onsite measurements for each opening.

### Finding Your Rise

**1. Constant Rise**= all openings no matter the width would have the same rise. For example, a 3'-0" and a 10'-0" opening would have the same rise even though the widths are different.

**2. Percentage Ratio**= a constant % is multiplied to the width of every opening. For example, using a 16% ratio would keep your arches looking proportional throughout the entire home (width x .16 = rise).

**3. Rise Chart**= a tool used to reference the width of an opening to acquire your rise. Reference the "Rise Chart" below.

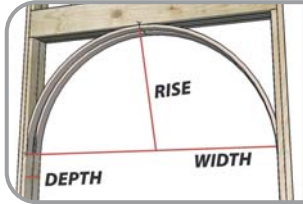
Depth	Width	Rise	ADJ / FIT	Location	
1	7	7 1/4	12	FIT	Hall to Dining Rm.

### Rise Chart

Width	Rise	Width	Rise
0 - 12"	2"	96 - 108"	18"
12 - 24"	4"	108 - 120"	20"
24 - 36"	6"	120 - 132"	22"
36 - 48"	8"	132 - 144"	24"
48 - 60"	10"	144 - 156"	26"
60 - 72"	12"	156 - 168"	28"
72 - 84"	14"	168 - 180"	30"
84 - 96"	16"	180 - 192"	32"

Still have questions? Call us toll free!  
We would be happy to help.

## How to Measure a Half-Circle Arch



### Understanding the Measurements

**Depth**= the net thickness of the wall.

**Width**= the span of the opening.

**Rise**= the drop of the arch as measured from the apex of the arch to the lowest point it encounters the trimmer.



**1**

Determine the depth of your opening to the nearest quarter inch.



**2**

Determine the width of your opening to the nearest quarter inch. Decide if you want your arch to be adjustable or fitted. Reference "Adjustable vs Fitted" on the right.



**3**

There is no need to determine your rise as it is always half of your width. For example, if you have a 74 1/2" wide opening, your rise will be 37 1/4".



**4**

Determine your location. Each arch will be labeled with the location of where the arch will be installed. This will ensure accurate placement during installation when you have multiple arches.

### Adjustable vs Fitted

**Adjustable (ADJ)**= When you are unsure about the exact width of rough opening and would like the flexibility to adjust on site, we design your arch to be adjusted 3" smaller or 3" larger. This is the popular choice when using your plan to complete your take-off.

**Fitted (FIT)**= When you are definite about your rough opening, this is the perfect solution. Your arch will be delivered cut to fit. This is the popular choice when you have walked the job and have pulled onsite measurements for each opening.

### Finding Your Rise

To find the rise of a half circle arch, simply divide the width of the opening by 2. For example, if you have a 74 1/2" wide opening, divide 74 1/2" by 2.

$$74 \frac{1}{2} " / 2 = 37 \frac{1}{4} "$$

Your rise would be 37 1/4".

### Can I mix different arch styles under one roof?

Yes! The most common scenario for having different arch styles in one home is having the half circle and elliptical arches together. These styles blend well and provide a perfect solution for larger openings in which your half circle arch would drop to far.

### Are nail guns OK?

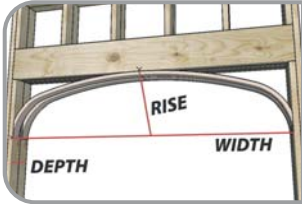
Yes! In fact, we prefer you use nail guns (screws are OK as well).

### Still have questions?

Call us toll free! We would be happy to help.

Qty	Depth	Width	ADJ / FIT	Location
1	7	74 1/2	FIT	Foyer Hall to Dining Rm.

## How to Measure an Elliptical Arch



### Understanding the Measurements

**Depth**= the net thickness of the wall.  
**Width**= the span of the opening.  
**Rise**= the drop of the arch as measured from the apex of the arch to the lowest point it encounters the trimmer.



**1**

Determine the depth of your opening to the nearest quarter inch.



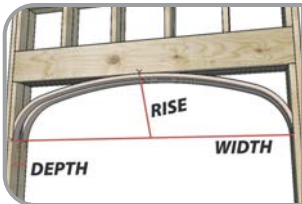
**2**

Determine the width of your opening to the nearest quarter inch. Decide if you want your arch to be adjustable or fitted. Reference "Adjustable vs Fitted" on the right.



**3**

Elliptical rises are predetermined by the width of your opening. Reference the "Elliptical Rise CAD" on the next page to find your approximate rise given the width of your opening.



**4**

Determine your location. Each arch will be labeled with the location of where the arch will be installed. This will ensure accurate placement during installation when you have multiple arches.

### Adjustable vs Fitted

**Adjustable (ADJ)**= When you are unsure about the exact width of rough opening and would like the flexibility to adjust on site, we design your arch to be adjusted 3" smaller or 3" larger. This is the popular choice when using your plan to complete your take-off.

**Fitted (FIT)**= When you are definite about your rough opening, this is the perfect solution. Your arch will be delivered cut to fit. This is the popular choice when you have walked the job and have pulled onsite measurements for each opening.

### Elliptical Arch Defined

Elliptical arches have two distinct radii. A gentle radius in the center with a tighter radius in the corners. This style of arch is a cross between the soft and half circle arch, and is often associated with bringing a warm Tuscan feel to a home.

### Can I mix different arch styles under one roof?

Yes! The most common scenario for having different arch styles in one home is having the half circle and elliptical arches together. These styles blend well and provide a perfect solution for larger openings in which your half circle arch would drop to far.

### Are nail guns OK?

Yes! In fact, we prefer you use nail guns (screws are OK as well).

### Still have questions?

Call us toll free! We would be happy to help.

Qty	Depth	Width	ADJ / FIT	Location
1	7	74 1/2	FIT	Foyer Hall to Dining Rm.

4

3

2

1



D

D

Width:  
30" - 36"

Rise:  
10" approx.

Width:  
36" - 42"

Rise:  
10" approx.

Width:  
42" - 48"

Rise:  
10" approx.

Width:  
48" - 54"

Rise:  
12" approx.

Width:  
54" - 60"

Rise:  
13" approx.

Width:  
60" - 66"

Rise:  
14" approx.

Width:  
66" - 72"

Rise:  
14" approx.

Width:  
72" - 78"

Rise:  
16" approx.

C

C

Width:  
78" - 84"

Rise:  
17" approx.

Width:  
84" - 96"

Rise:  
18" approx.

Width:  
96" - 108"

Rise:  
20" approx.

Width:  
108" - 120"

Rise:  
21" approx.

Width:  
120" - 132"

Rise:  
24" approx.

B

B

Width:  
132" - 144"

Rise:  
26" approx.

Width:  
144" - 168"

Rise:  
28" approx.

Width:  
168" - 192"

Rise:  
30" approx.

A

A

4

3

2

1



### Elliptical Rise CAD

Archways & Ceilings Made Easy  
2441 Houston Street  
Grand Prairie, TX 75050

PH: 877.303.2263  
FAX: 877.287.5550

SIZE  
**C**

DWG NUMBER  
**01-13-09-216**

SCALE NA

REV -

SHEET 1 OF 1