

The Bracket Configuration Table below shows the placement and spacing of *rotating brackets* and *hidden aluminum brackets* for various gutter lengths.

Rotating brackets (RB) are installed every 4 feet along the gutter with no bracket more than 2 feet from the end of the gutter.

A **Hidden aluminum bracket (HB)** is installed midway between rotating brackets. These brackets fortify the gutter during rotation and prevent gutter collapse in the event a ladder is placed against it just as they do in fixed gutters.

From the table the spacing for a 12 foot gutter is 2 r 4 r 4 r 2 where the numbers represent feet and 'r' represents a rotating bracket.

- Beginning at the left, the end distance for bracket 1 is two feet from the left end of the gutter.
- Bracket 2 is four feet from bracket 1 with a hidden bracket centered between them.
- Bracket 3 is four feet from bracket 2 and two feet from the right end of the gutter with a hidden bracket centered between them.

Bracket Configuration Table

Gutter Length(ft)	Rotating Bracket Spacing (ft)	# of RB	# of HB
2	0.5 r 1 r 0.5	2	1
3	1 r 1 r 1	2	1
4	1 r 2 r 1	2	1
5	1 r 3 r 1	2	1
6	1 r 4 r 1	2	1
7	1.5 r 4 r 1.5	2	1
8	2 r 4 r 2	2	1
9	0.5 r 4 r 4 r 0.5	3	2
10	1 r 4 r 4 r 1	3	2
11	1.5 r 4 r 4 r 1.5	3	2
12	2 r 4 r 4 r 2	3	2
13	0.5 r 4 r 4 r 4 r 0.5	4	3
14	1 r 4 r 4 r 4 r 1	4	3
15	1.5 r 4 r 4 r 4 r 1.5	4	3
16	2 r 4 r 4 r 4 r 2	4	3
17	0.5 r 4 r 4 r 4 r 4 r 0.5	5	4
18	1 r 4 r 4 r 4 r 4 r 1	5	4
19	1.5 r 4 r 4 r 4 r 4 r 1.5	5	4
20	2 r 4 r 4 r 4 r 4 r 2	5	4
21	0.5 r 4 r 4 r 4 r 4 r 4 r 0.5	6	5
22	1 r 4 r 4 r 4 r 4 r 4 r 1	6	5
23	1.5 r 4 r 4 r 4 r 4 r 4 r 1.5	6	5
24	2 r 4 r 4 r 4 r 4 r 4 r 2	6	5
25	0.5 r 4 r 4 r 4 r 4 r 4 r 4 r 0.5	7	6
26	1 r 4 r 4 r 4 r 4 r 4 r 4 r 1	7	6
27	1.5 r 4 r 4 r 4 r 4 r 4 r 4 r 1.5	7	6
28	2 r 4 r 4 r 4 r 4 r 4 r 4 r 2	7	6

Gutter lengths between whole lengths use the spacing values of the longer whole length gutter with a small end distance reduction of 1" for each 2" of gutter length below the whole gutter length.

For example, gutters from 12' to 11' have end distances as shown in the table below.

Gutter Length	End Distance
12' 0"	24"
11' 10"	23"
11' 8"	22"
11' 6"	21"
11' 4"	20"
11' 2"	19"
11' 0"	18"

The bracket spacing for a gutter 11'6" long is 21" r 4' r 4' r 21"