

Tri-Brackets & Knee Braces

Our Tri Bracket assembly's are made from the beam components below and can be built to your specifications. The face or nose of the beam varies depending upon builder preference. Any combination of beam sizes may be incorporated. We have several popular designs below to give you some ideas of the possibilities. From the 2x4, 4x4, and the 4x6 beam choices (build your Tri Bracket that compliments your project appropriately).



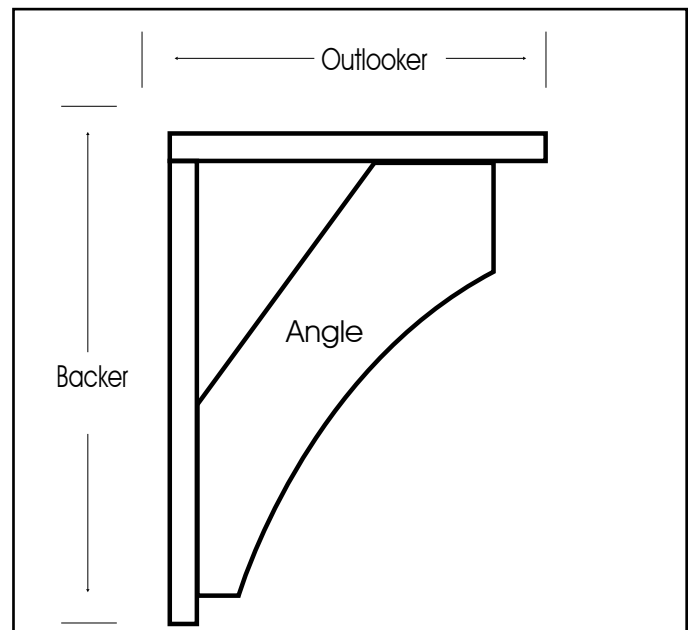
Considerations such as location, overhang, and fascia reveal desired are important in determining dimensions. Normal wood products when exposed to the extreme summer climates tend to split, warp, and deteriorate quickly. Our Tri Brackets are dimensionally stable and will not warp, split, or crack when exposed to direct sunlight or moisture.

Our Knee Braces can be purchased separately or pre assembled with a top and back board. The standard back board is 1" thick rough sawn stock. You may choose a different back board if you wish.

Our knee braces are a perfect match to replace traditional wood braces because they won't twist or crack.



Bracket Assembly



Standard Tri Bracket

Standard Tri Brackets utilize all standard dimensions of solid beam products with the outlooker not larger than 4" x 6". Backer boards and angled braces vary per customer preference and nothing is priced as a custom part. The products shown below are just examples of products showcasing a variety of products that are commonly used.



TB -1



TB -2



TB -3



TB -4



TB -5



TB -6



TB -7

TB-1	Outlooker Backer Angle Brace	4x4x18 2x6x24 4x4	Bevel Nose
TB-2	Outlooker Backer Angle Brace	4x6x19 1x4x22 4x4	Angle Nose
TB-3	Outlooker Backer Angle Brace	4x6x16 2x4x18 2x4	Flat Nose
TB-4	Outlooker Backer Angle Brace	4x4x18 2x6x18 4x4	Diamond Nose
TB-5	Outlooker Backer Angle Brace	4x4x13 2x4x21 4x4x13	Bevel Nose
TB-6	Outlooker Backer Angle Brace	4x4x12 2x4x18 4x4	Bevel Nose
TB-7	Outlooker Backer Angle Brace	4x4x16 2x4x16 2x4	Diamond Nose

Standard Tri Bracket

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TB -8

TB-8	Outlooker Backer Angle Brace	4x4x16 2x4x24 2x4	Bevel Nose
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TB -9

TB-9	Outlooker Backer Angle Brace	4x6x18 2x4x24 2x4	Flat Nose
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TB-10	Outlooker Backer Angle Brace	4x6x24 2x4x24 4x4	Bevel Nose
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TB -10

TB-11	Outlooker Backer Angle Brace	4x6x18 2x4x24 2x4	Bevel Nose
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TB-12	Outlooker Backer Angle Brace	4x6x15 none 4x4	Bevel Nose
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TB-24	Outlooker Backer Angle Brace	4x6x22 2x4x24 4x4	Anvil Nose
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TB -11



TB- 12



TB -24

Tri Bracket Assemblies

Tri Bracket Assemblies are similar to standard tri brackets in that they include a Outlooker, Backer Board and an Angled brace. However with a tri bracket assembly they will use larger or nonstandard elements for the outlooker or the angle brace. Often times a tri bracket assembly may use a Knee Brace for its angled brace or the outlooker will be larger than a 4" x 6" stock. Shown below are some examples



TBA -13

TBA -13	Outlooker Backer Angle Brace	6x8x16 2x6x18 Knee Brace	Bevel Nose 6x6x17 trimmed
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TBA-14	Outlooker Backer Angle Brace	6x6x16 2x6x23 Knee Brace	Chamfered 6x16x17 Trimmed
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TBA -14

TBA-15	Outlooker Backer Angle Brace	6x8x16 2x6x23 6x6	Bevel Nose
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TBA-17	Outlooker Backer Angle Brace	4x10x18 2x4x21 4x4	Cove Nose
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TBA-18	Outlooker Backer Angle Brace	6x10x19 1x6x20 none	Bullnose
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TBA -15



TBA -17



TBA -18



TBA -19

TBA-19	Outlooker Backer Angle Brace	6x6x26 2x6x33 4x6	Anvil Nose
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TBA -20

TBA-20	Outlooker Backer Angle Brace	6x8x26 2x8x28 Knee Brace	Flat Nose 6x16x17
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TB-21	Outlooker Backer Angle Brace	4x6x21 3x6x20 4x4	Anvil Nose
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TB-22	Outlooker Backer Angle Brace	4x4x17 4x4x20 2x4	Bevel Nose
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TB-23	Outlooker Backer Angle Brace	4x4x8 2x6x15 4x4	Chamfer Nose
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TBA -21



TBA -22



TBA -23



TBA -25

TBA-25	Outlooker Backer Angle Brace	4x4x13 2x4x28 4x12x24	Square nose Knee Brace
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TBA -26

TBA-26	Outlooker Backer Angle Brace	6x6x14 2x8x32 6x24x12	Square nose Knee Brace
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TBA-27	Outlooker Backer Angle Brace	6x6x17 2x8x24 6x616x11	Chamfer Nose Knee Brace
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TBA-28	Outlooker Backer Angle Brace	6x6x17 2x6x24 6x616x16	Bevel Nose Knee Brace
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TBA-29	Outlooker Backer Angle Brace	6x6x26 2x6x32 6x20x20	Bevel Nose Knee Brace
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TBA -27



TBA -28



TBA -29

Dimensions are as followed: Width x Depth x Height

KB-4-12-24RS Knee Brace 4 x 12 x 24 Rough Sawn

KB-6-14-17RS Knee Brace 6 x 14 x 17 Rough Sawn

KB-6-16-11RS Knee Brace 6 x 16 x 11 Rough Sawn

KB-6-16-17RS Knee Brace 6 x 16 x 17 Rough Sawn

KB-6-20-20RS Knee Brace 6 x 20 x 20 Rough Sawn

KB-6-24-12RS Knee Brace 6 x 24 x 12 Rough Sawn



KB-4-12-24RS



KB-6-14-17RS



KB-6-16-11RS



KB-6-16-17RS



KB-6-20-20RS



KB-6-24-12RS

Knee Brace Assemblies

KBA-7-12-17RS Knee Brace Assembly 7 x 12 x 17 Rough Sawn

KBA-8-18-19RS Knee Brace Assembly 8 x 18 x 19 Rough Sawn

KBA-8-21-21RS Knee Brace Assembly 8 x 21 x 21 Rough Sawn

KBA-7-12-17RS

KBA-8-18-19RS

KBA-8-21-21RS