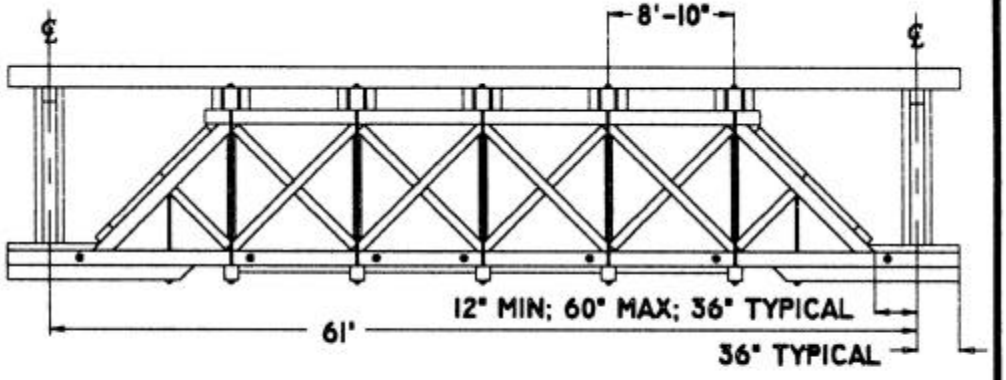
1 Determine length of desired bridge, number of **inward angle braces** and **outward angle braces** required, and length of bottom chord. In order to stack multiple angle braces and still have the total thickness be close to the chord thickness you may have to use shims to position your angle braces in the jig. Determine thickness of **inward angle braces** (3x8), **outward angle braces** (3x8), and shim required. The Table shows that three times the angle brace thickness plus two times the shim thickness equals the width of the chord:

Ga	Chord Thick-ness	Angle Brace Thick-ness	Shim Req'd
N	3/32"	1/32"	0
HO	1/8"	1/32"	.015"
S	3/16"	1/32"	.041"
O	1/4"	1/16"	1/32"



The rule: (3 x Angle Brace Thickness) + (2 x Shim) = Chord Width.
Styrene shim stock is included with the HO and O jigs.
Wood shim stock is included with the S jig.