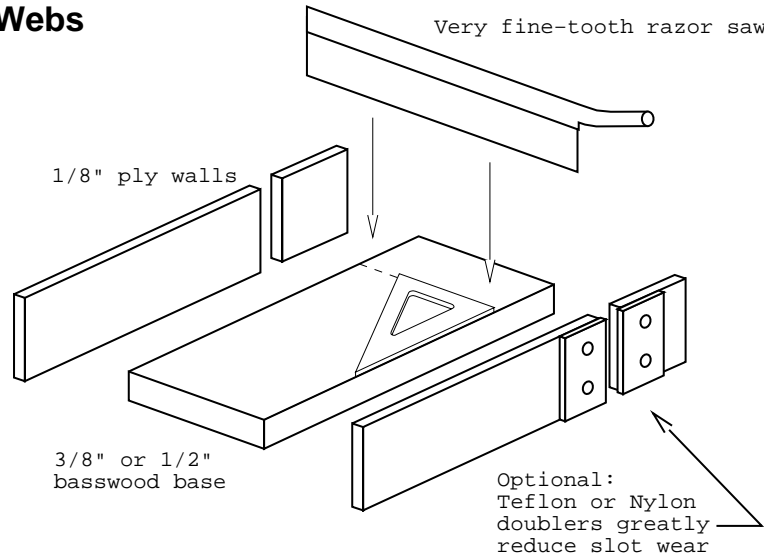# Accurate Cutting of Tapered Spar Webs
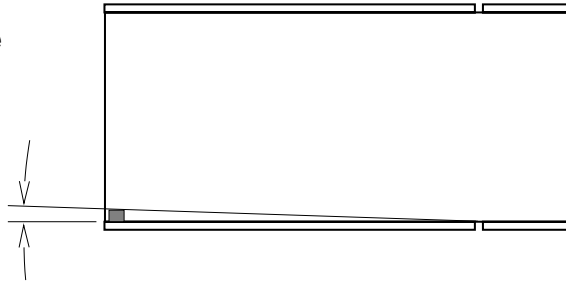
Very fine-tooth razor saw

Wide miter box
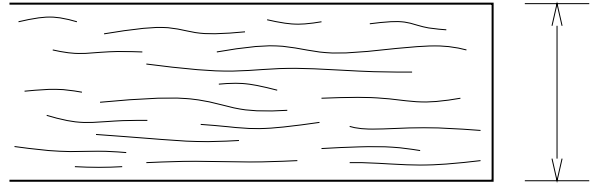
Assemble using triangle to set 90 deg. angle,
and the razor saw to set slot width.
Minimal slop in the slot is important.

1/8" ply walls

3/8" or 1/2"
basswood base

Optional:
Teflon or Nylon
doublers greatly
reduce slot wear

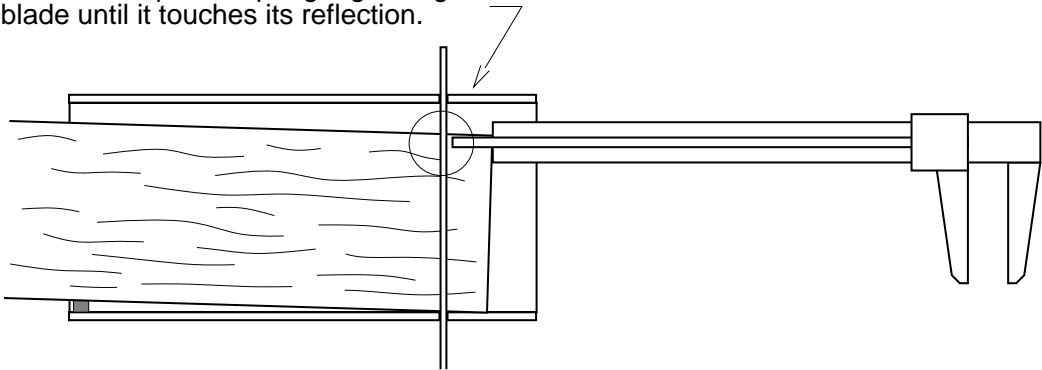**Install shim to set web taper angle**

Trim balsa sheet width to exact inter−rib spacing.

Cut web segments

Set web segment width with a caliper's depth gauge sting.
Push sting up to saw blade until it touches its reflection.

Make alternating angled and square cuts,
using the shimmed and unshimmed walls

Use very light pressure and maximum
saw motion to avoid ragged endgrain.

Mark Drela   10 Oct 00