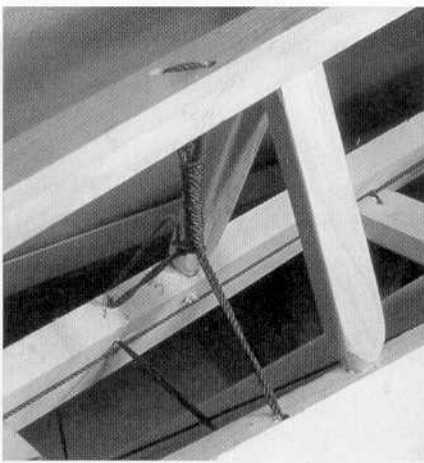


The rib tenons are pinned into their mortises with 1/8" dowels.

keelson from making contact with every rib.

Fasten the keelson securely at bow and stern. Cut a 5/8" deep notch for the keelson about 5" from the bow. Trim the keelson to fit and clamp in place.

At the stern, plane the bottom of the gunwales flat. Fit the keelson to the stern, thinning to about 3/8" thick from the bend to the end and cutting off the excess. Plane to gunwale width and glue keelson



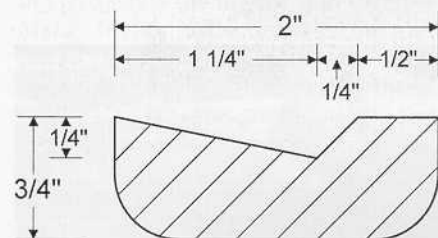
The lashings laced between the keelson and gunwales are drawn tight with turns wrapped down from the keelson.

in place. At the bow, drill two 1/4" holes through the keelson and the front stringer. Glue the keelson in place and then drive 1/4" wooden dowels dipped in glue through the holes.

Pin ribs to the gunwales with wooden dowels. At each station, drill a 1/8" hole through the gunwale and rib tenon. Insert 1/8" wooden dowels dipped in glue. Saw dowels flush both inside and out.

At each of the 3 forward rib struts, drill

3/16" holes in the gunwales as shown. The hole will come out on the inboard side of the gunwale. In the keelson, drill 2 holes, 3/4" apart and placed on the diagonal, centered over the gunwale holes. Make a shallow groove between the keelson holes. Tie a bowline in the end of the twine. Bring the other end up through the keelson holes, back through both gunwale holes and through the loop. Repeat. Wrap the twine around itself from the keelson downward to draw the lashing



Bilge stringer cross-section

tight and tie the end off around one of the two legs.

Beginning at rib #4 with a bowline, work toward the stern and lash keelson to the ribs (see lashing pattern on page 11). As with the deck stringer, cut shal-

Paddle with the Northwest's Best
Pacific Water Sports



Since 1972
"The Paddler's
Pro Shop"

**Classes, Tours,
Rentals
& All Your
Paddling
Equipment**

**We've
Moved!**

- ◆ Builders of Distinctive Touring Kayaks
- ◆ Friendly, Knowledgeable Staff
- ◆ Mail Orders Welcome

11011 Tukwila Int'l Blvd.
Tukwila, WA 98168

206-246-9385

www.pwskayaks.com • FAX 206-439-9040

Carts

for
Kayaks, Canoes,
& Sit-on-Tops

- No Back-Strain
- No Assembly Required
- Center Mount
- Light Weight
- Straps Included

Pneumatic Wheels

www.roleez.com
1-800-369-1390

Totes

for
Kayaks, Canoes,
& Sit-on-Tops

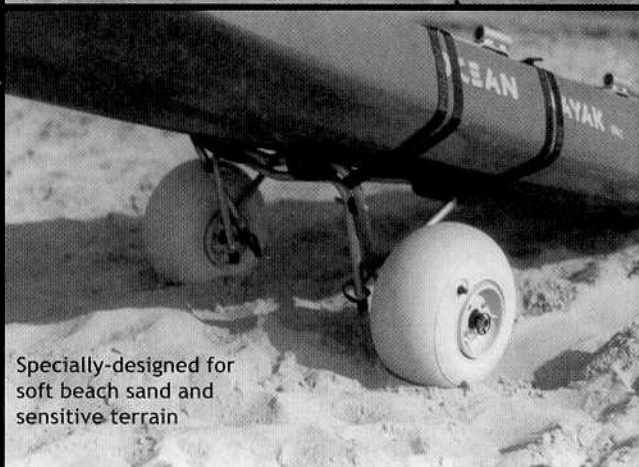
- No Back-Strain
- No Assembly Required
- Center Mount
- Light Weight
- Straps Included

Balloon Wheels

www.roleez.com
1-800-369-1390



Award Winning



Specially-designed for soft beach sand and sensitive terrain