FLASK CONSTRUCTION

Many projects require a special size of flask, making them yourself is a necessity.

Favorite flask sizes (ID):
- 5" x 6" x 1 1/2" deep
- 12" x 12" x 3 1/2" deep
- 14" x 20" x 3 1/2" deep

After cutting lumber to the desired length, cut 1/8" deep grooves into surface to hold sand in mold.
Attach sections with screws and glue.

Shellac wood (or paint) to prevent moisture from being robbed from sand.

<table>
<thead>
<tr>
<th>Guide Pins</th>
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<tbody>
<tr>
<td>4 sections of angled aluminum</td>
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<tr>
<td>2 carriage bolts</td>
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<tr>
<td>Drill 3 holes in each angled section,</td>
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Shellac wood (or paint) to prevent moisture from being robbed from sand.

Bottom Boards.
By installing a latch that locks on one corner and hinges on the opposite corner the same flask can be used multiple times. This is called a "snap flask". The mold is made the same way as a normal flask.

However, molds cannot be clamped, they must be weighted. Bricks were used to hold these molds together, carefully placed on top prior to pouring.

If the casting is too large for your flask, an extra flask section can be used to enlarge your flask.