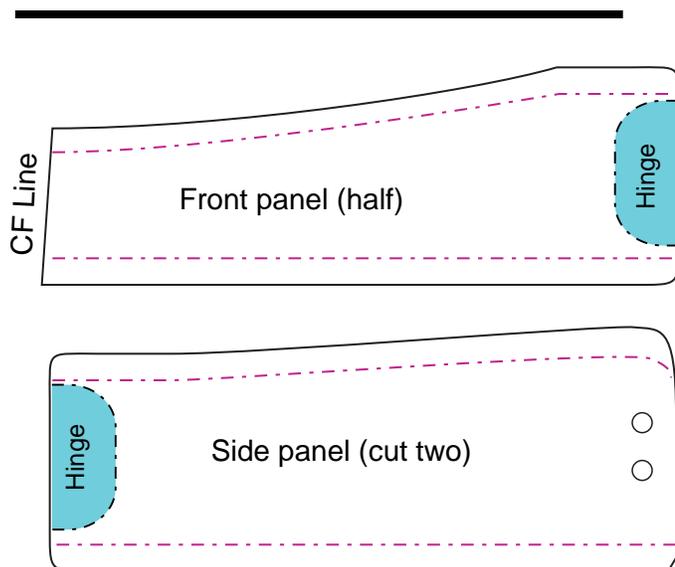
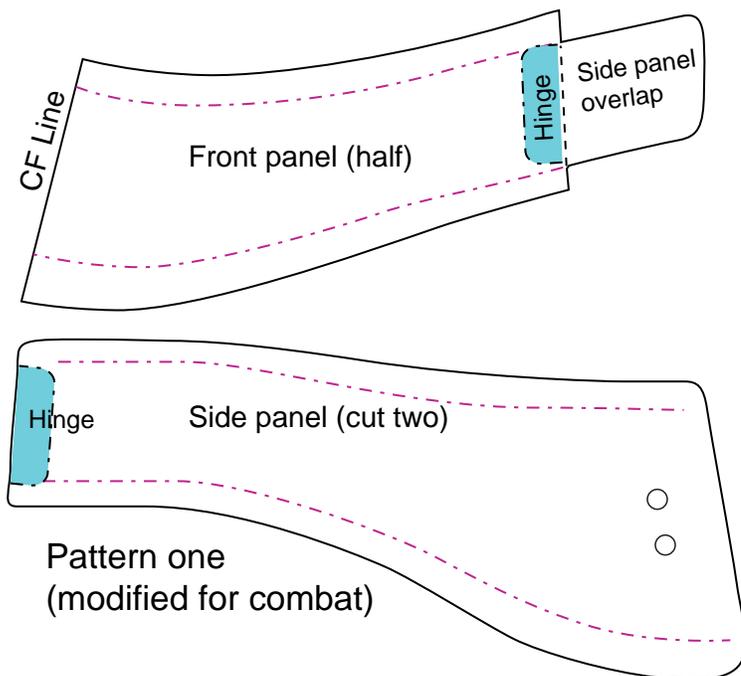


# Patterns for *Guruwa*. (No specific size)



This pattern is not laid out to any specific scale. You need to take a measurement around your neck (accommodating any padding you wish to put under the plates — note that in an authentic *guruwa*, there will be no padding). One half that circumference is your width of the front plate. The remaining half is divided by two for the rear plates, adding one inch to each side for the overlap.

The front height **between the dotted horizontal lines** is the height of your neck — remember that some level of comfort might be important, so don't make it so high that you are forced to keep your head up all the time.

Roll the top edge over outward and bend out the bottom edges out.

The hinges are placed so that there is a short extension from the front plate behind the side plates to provide support and extra strength. You can eliminate the overlap if you don't plan to fight in the *guruwa*.

The second pattern is more authentic to the Japanese model, and fits closer to the neck and allows a cut for the chin for more comfort. It lacks cervical protection in the back, and does not go down as far in front as the more protective combat model.

As an alternative to the second pattern, you can make the entire back one single piece, hinged on the left and tied closed on the right.

Pairs of cords are fed through the holes in the back, and then tied together to hold the *guruwa* in place.

The front works similarly to the *nodowa* pattern (which you should look at). You can use the *nodowa* pattern for the *yodare kake*, or the separately provided pattern for a *menpô*-styled *yodare kake*.

Either way, the *yodare kake* is suspended from a short leather panel in the same manner as that of the *nodowa*.