## Samurai Trooper Helmet Plates

Sheet 1 of 4
Sheet size: $11 \times 17$ in. (ANSI B)


## PLATE MATERIAL

Use any flat material that can be curved to shape.
Examples: EVA foam, foamed PVC (Sintra), styrene, Worbla

## HOLE LOCATIONS

Suggested hole locations on the plates are marked by dots. The actual hole size you use depends on your lacing material. For typical flat shoelace, something like $1 / 8$ " should work. The recommended way to attach the plates to the helmet is to drill holes in the helmet corresponding to the three pairs of holes along the top edge of part A .

## LACING MATERIAL

Traditional samurai helmets used leather or silk lacing to attach the plates. Flat athletic shoelace is a great substitute.

## LACING PATTERN

The general lacing pattern is shown below.
Note: For clarity, the lacing shown here has gaps between the parallel segments and visible X's. "Proper" lacing should have no gaps and the crosses should be more like circles than X's.


## Samurai Trooper Helmet Plates

Sheet 2 of 4
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## Samurai Trooper Helmet Plates

Sheet 3 of 4
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## Samurai Trooper Helmet Plates

Sheet 4 of 4
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