



Modern chess pieces

 **Chris**

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Summary

A set of chess pieces with a modern polygonal design.

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What is this?

This is a set of modern chess pieces. The set is an original design that aims for a sharp low poly aesthetic while still retaining chess piece legibility.

Suggestions on printing

The knights will likely require support due to their bottom surface slope being 70 degrees relative to vertical.

The king will need support underneath the arms of its cross as their bottom surface slopes are 90 degrees relative to vertical. The king can alternatively be printed with its body and cross separately. If opting for this

latter method, the king body has a hole on top for the cross to be glued into. Tolerance has not been tested so cross may need to be scaled.

All other pieces should not need support.

Piece dimensions

The set ideally fits 2" x 2" squares (as shown in the cover photo) though can easily be scaled down.

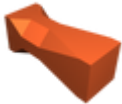
- Pawn: 0.90" x 1.75" x 0.90"
- Rook: 1.00" x 2.33" x 1.00"
- Knight: 1.00" x 2.342" x 1.60" (1.00" x 1.00" base)
- Bishop: 1.00" x 2.33" x 1.00"
- Queen: 1.00" x 2.92" x 1.00"
- King: 1.00" x 3.40" x 1.00"

Model files



king_without_cross

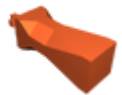
2 files



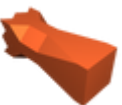
king_body.stl



king_cross.stl



king.stl



queen.stl



bishop.stl



knight.stl



rook.stl



pawn.stl

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