



Chess Set



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Summary

NO SUPPORTS NEEDED This is a simple and elegant Chess set that prints beautifully with no supports



13.58 hrs



1 pcs



0.15 mm



0.40 mm



PLA



95 g



Prusa
MK3/S/S+

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Tags: [chess](#) [set](#) [classic](#) [nosupportneeded](#) [chessboardpieces](#)
[chessset](#) [chesspieces](#) [nosupports](#) [chessbishop](#) [chesspawn](#)
[chessking](#) [chessqueen](#)

This simple and elegant Chess set was designed in Fusion 360 from the ground up to be very 3D Printer friendly.

The Goals:

1. To make the Chess set look like a Chess set, most of the 3D printable chess sets either need lots of support or look very non-standard to make the geometry easier to print

2. To have the Chess set print easily and beautifully on a 3D printer.
which means no Supports and no underside curves.

I am happy to say that both design goals were met and I look forward to your feedback. Enjoy!

Official related models and remixes:

1. [Chessboard](#), by [darthGinger](#).
2. [Mini travel version](#), by [Skia_MKX](#).

Print instructions

Supports: No

Seam Position: Rear

Top Fill Pattern: Concentric

3mf files are set to:

1.5mm layer Height

Prusamant PLA

Model files

 **STL** 7 files



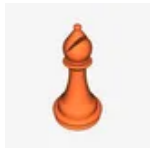
pawn.stl



rook.stl



knight.stl



bishop.stl



queen.stl



king-body.stl



king-cross.stl



3MF

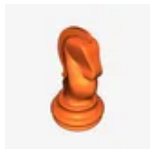
6 files



pawn.3mf



rook.3mf



knight.3mf



bishop.3mf



queen.3mf



king.3mf



chess-set.3mf

Print files



chess_set_015mm_pla_mk3s_13h35m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.15 mm ⌚ 13.58 hrs ⚖️ 95 g 🖨️ Prusa MK3/S/S+

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