



ONYX Pro - Official Chess Pieces



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Summary

Official chess pieces designed for the 40mm square board of the ONYX-Pro - Autonomous Chess Robot

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Tags: 3d desktop print game robot printed diy board modular knight king mechanical fusion engineering stepper queen tpu sensor pla base bishop chess rook custom robotics petg magnetic printing pro boardgame set quality cad chessboard mechanic play pawn pieces piece figures roboter mechatronics technic ajedrez high silk autonomous schach onyx

ONYX Pro - Official Chess Pieces

Designed specifically to fit the ONYX-Pro Autonomous Chess Robot system for 40mm square size Board.

The pieces are equipped with a TPU85 base to prevent damage to the chessboard and to keep the pieces from slipping. They are 3D printed in

PLA Silk+. They feature a bottom recess designed for an 8mm diameter x 3mm height neodymium magnet, as well as a vertical hole along the axis for an M6x30 countersunk screw.

⚠ Note: The screw is not stainless steel (A2 or A4), but a magnetic carbon steel screw DIN 7991 or ISO 10642.

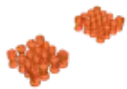
ONYX-Pro is an ambitious, fully autonomous chess robot combining 3D printing, mechanical engineering, custom electronics, embedded programming, and AI.

https://www.youtube.com/watch?v=a_NJ2HYcEdo

Model files



onyx-pro_figures-base-tpu85.3mf



onyx-pro_figures_a1m.3mf



onyx-pro_figures_p1s.3mf

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