

Counterweight Housing

MDL-0131 / REV D / 2026.06.18

A configurable CAD model for balancing small mechanisms without redesigning the outer envelope. Parameters are intentionally exposed so the part can be adapted at the bench.

STATUS	RELEASED
CLASSIFICATION	MDL
MATERIAL	DIGITAL
DISPOSITION	OBTAIN FILE
RECORDED PRICE	\$6 digital

TECHNICAL NOTES

Parametric housing model with interchangeable ballast cavities.

SPECIFICATION

FORMATS	STEP / STL / 3MF
UNITS	Millimeters
PARAMETERS	11 exposed
LICENSE	Workshop use

DEVELOPMENT HISTORY

2026.06.18 / Rev D

Published clean STEP export.

2026.05.31 / Rev C

Added 3MF print orientation.

RELEASED MATERIAL / SOURCE LINKS

counterweight-housing_revD.step

STEP / 1.2 MB

Awaiting public upload.

counterweight-housing_revD.3mf

3MF / 420 KB

Awaiting public upload.

counterweight-housing_revD.stl

STL / 2.1 MB

Awaiting public upload.

CONNECTED RECORDS

DAT-0004

<https://u225x.com/record/DAT-0004>

OBJ-0042

<https://u225x.com/record/OBJ-0042>

RETURN TO THE LIVING RECORD

Counterweight Housing

This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/MDL-0131>