

Multibody DXF naming

CAD-065 / REV A / 2026.09.01

Name exports from stable part and cut-list identity rather than the order bodies happen to appear. Work on a copy first. Record application version, units and active document/configuration. Names below identify the catalogued workflow; they do not claim a particular button layout or verified implementation.

STATUS	Recovered/Partial
CLASSIFICATION	CAD
MATERIAL	CAD / AUTOMATION
DISPOSITION	PUBLIC / RECOVERED/PARTIAL
CATEGORY	CAD / Scanning / Automation
RECORD TYPE	how-to

TECHNICAL NOTES

Name exports from stable part and cut-list identity rather than the order bodies happen to appear.

GOAL

Run the first test described in this guide and record the result for multibody dxf naming.

SOURCE STATE

Operational reference/specification; original rule or add-in source not inspected

PREPARATION / NOTES

Work on a copy first. Record application version, units and active document/configuration. Names below identify the catalogued workflow; they do not claim a particular button layout or verified implementation.

EQUIPMENT

- CAD / automation tool
- Representative test model
- Measurement or inspection method

METHOD / STEPS

1. Define a naming schema using document/part number, cut-list mark, configuration and revision as needed.
2. Map each flat pattern to its corresponding body/cut-list item.
3. Sanitize filenames and detect collisions before writing anything.
4. Export with a manifest mapping each filename back to its source body and configuration.

THINGS TO WATCH FOR

Body indices and automatically generated names can change after rebuilds. Two bodies with the same description may still need different drawings or quantities.

FIRST TEST / WHAT TO RECORD

A rerun with unchanged geometry produces the same names and no cross-body overwrite.

RESULT / WHERE THIS STANDS

A rerun with unchanged geometry produces the same names and no cross-body overwrite.

TROUBLESHOOTING

- Body indices and automatically generated names can change after rebuilds. Two bodies with the same description may still need different drawings or quantities.

SPECIFICATION

TOOL PATH	CAD / automation tool
DELIVERABLE	HOW-TO
VALIDATION	Representative model / known dimension
STATUS	Recovered/Partial

DEVELOPMENT HISTORY

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Imported as an independent manifest record; public copy keeps uncertainty visible.

REFERENCE NOTES

SOLIDWORKS API reference
(<https://help.solidworks.com/2025/English/api/sldworksapiproguide/Welcome.htm>).

HOW-TO SOURCES

SOLIDWORKS API reference

<https://help.solidworks.com/2025/English/api/sldworksapiproguide/Welcome.htm>

RELEASED MATERIAL / SOURCE LINKS

cad-065-public-summary.txt

PUBLIC SUMMARY / RECOVERED NOTES

<https://u225x.com/downloads/manifest-records/cad-065-public-summary.txt>

RETURN TO THE LIVING RECORD

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

<https://u225x.com/record/CAD-065>