

Importing an image for tracing in Shapr3D

CAD-006 / REV A / 2026.09.01

Use an image as a scaled reference, then create constrained geometry over it.

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

GOAL

Run the first test described in this guide and record the result for importing an image for tracing in shapr3d.

SOURCE STATE

New reference guidance; not a recovered test result

EQUIPMENT

- Shapr3D
- Representative test model
- Measurement or inspection method

METHOD / STEPS

1. Crop the image to the useful object and correct obvious perspective before importing when possible.
2. Import onto the desired plane, orient it and scale it against a known real dimension.
3. Reduce visual obstruction with available image controls and trace major lines/arcs first.
4. Constrain the sketch and check a second known dimension before adding fine details.

THINGS TO WATCH FOR

A perspective photograph cannot provide uniformly accurate measurements. Image pixels are not sketch edges, and a visually traced curve is not necessarily manufacturing-accurate.

FIRST TEST / WHAT TO RECORD

The sketch remains stable with the image hidden and matches two independently known dimensions.

RESULT / WHERE THIS STANDS

The sketch remains stable with the image hidden and matches two independently known dimensions.

TROUBLESHOOTING

- A perspective photograph cannot provide uniformly accurate measurements. Image pixels are not sketch edges, and a visually traced curve is not necessarily manufacturing-accurate.

SPECIFICATION

TOOL PATH	Shapr3D
DELIVERABLE	HOW-TO
VALIDATION	Representative model / known dimension
STATUS	Recovered/Partial

DEVELOPMENT HISTORY

2026.09.01 / Rev A

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

REFERENCE NOTES

Shapr3D import/formats (<https://support.shapr3d.com/hc/en-us/articles/7874501645724-Import>).

HOW-TO SOURCES

Shapr3D import/formats

<https://support.shapr3d.com/hc/en-us/articles/7874501645724-Import>

RELEASED MATERIAL / SOURCE LINKS

cad-006-public-summary.txt

PUBLIC SUMMARY / RECOVERED NOTES

<https://u225x.com/downloads/manifest-records/cad-006-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-006>