

Parametric Shop Reference Blocks

MDL-0140 / REV A / 2026.07.28

These FreeCAD studies turn common shop references into adjustable models rather than one-off geometry. The record includes metric and UNC/UNF thread data, engraved or raised labeling, and STL export; each public download should be sanitized and versioned before release.

STATUS	UNDER TEST
CLASSIFICATION	MDL
MATERIAL	FREECAD / STL
DISPOSITION	EXPERIMENTAL

TECHNICAL NOTES

Reusable modeling scripts for tap-test blocks, radius gauges, labels, thread data, and exportable shop references.

SPECIFICATION

WORKBENCH	FreeCAD 1.0
OUTPUTS	STL / reference geometry
SUBJECTS	Tap blocks / gauges / labels
RELEASE STATE	Sanitized example pending

DEVELOPMENT HISTORY

2026.07.28 / Rev A

Grouped reusable shop-model scripts into a future release family.

RELEASED MATERIAL / SOURCE LINKS

MDL-0140_script-index.txt

INDEX / 2 KB

Awaiting public upload.

CONNECTED RECORDS

MDL-0131

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

DAT-0004

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

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/MDL-0140>