

CAD / Casting Process Guide

Gems & Jewellery

Document type: Plan / SOP / strategy / guide · Generated 27 Aug 2026

This guide explains what the tool produces, how to use the output, and what to watch for. The actual output (draft/report) is generated on the tool page.

Background

Get a guide to the CAD and casting process for jewellery — design-to-CAD, mould/model, investment casting parameters, and common defects and fixes — to produce clean castings. Describe your setup below.

Purpose of this tool & output

Get CAD-to-cast right

How the output is used

Use it to get CAD-to-cast right — the CAD, mould, casting and finishing steps that control weight, quality and loss.

Important cautions

AI-generated guide; casting parameters depend on your alloys and equipment - refine with trials.

Companion documents

- Jewellery Manufacturing Unit Setup
- Karigar / Artisan Management System
- Jewellery Production SOP
- Metal Wastage Control Plan
- Jewellery Quality Control SOP
- Job-work / Outsourcing Management

This is AI-assisted guidance. Verify with a qualified professional before any binding decision. Fees, authorities and processes vary by state and change over time — confirm with your state authority.