CONTROL THE FIT. CONNECT THE GEOMETRY.

Tolerance review checklist

Use with the released drawing, model and mating-component information. Identify the requirements that locate, support and align the assembly.

- [ ] **01 / Function & mating parts**

  Bearing or mating-part specification, intended fit, locating interfaces and relevant assembly context.

- [ ] **02 / Reference system**

  Functional datum features, governing drawing standard and edition, units, and matching file revisions.

- [ ] **03 / Size & geometry**

  Critical limits and any required form, orientation, location or runout controls. Keep their meanings distinct.

- [ ] **04 / Walls & setup**

  Wall sections, support, tool access, workholding-sensitive geometry and any specified measurement restraint.

- [ ] **05 / Final condition**

  Material grade/condition, treatment, masking, protected surfaces and acceptance after the required operations.

- [ ] **06 / Evidence & approval**

  Agreed method, setup, sampling and report. Design-owner approval for any change to released requirements.

PART / REVISION / OPEN DECISIONS / OWNER

Arrange an NDA before sharing confidential geometry. Include first/repeat quantities, destination and target date in the quotation brief.

Read the complete tolerance guide | Request a drawing review

This checklist does not select application-specific fits, assign numerical tolerances or approve a design. The released drawing and agreed quality plan define acceptance.