Bay Engineering – CAD File Formats Accepted for Quotations

To provide an accurate and fast quotation, please send your CAD data in one of the formats below. Where possible, we prefer a native 3D CAD file or a neutral 3D format, as this reduces the risk of translation errors.

Accepted 3D CAD formats (preferred)

- **STEP** (.stp, .step) – preferred neutral format
- **IGES** (.igs, .iges)
- **Parasolid** (.x_t, .x_b)
- **ACIS** (.sat)
- **SolidWorks** (.sldprt, .sldasm)
- **Autodesk Inventor** (.ipt, .iam)
- **CATIA** (.CATPart, .CATProduct)
- **Siemens NX** (.prt)
- **PTC Creo** (.prt, .asm)

Accepted 2D drawing formats

- **PDF** (.pdf) – for dimensioned drawings
- **DWG** (.dwg)
- **DXF** (.dxf)

Notes to help us quote quickly

- Please include **quantity**, **material/specification**, **finish/coating**, and any **tolerances** (general and critical).
- If you have a drawing, provide a **dimensioned PDF** alongside the 3D model (preferred for toleranced features).
- If sending assemblies, include any referenced parts and note which components you need us to manufacture.

Formats that may delay quotation: STL/mesh files and screenshots are not ideal for precision engineering because they do not contain full CAD feature data. If a mesh file is all you have, please contact us and we will advise.

If you are unsure which format to send, share what CAD system you use and we will confirm the best option.