

# Technical Guidelines For Namplate Design

The Following Guidelines are intended to assist in the design of electroformed nameplates. Please consult your Oudensha representative, or call the Oudensha office at 847.593.0945 to make sure these specifications apply to your design.



## Drawings:

All drawings should be third angle projection, allowing for overall height of nameplate and height of characters.

- **Height of Characters**

If a border is required, the height of the character should be the same to allow for efficient paint filling techniques.

- **Outer Edges and Hole Sizes**

Flashing on all edges and inside of holes (after trim cutting) is 0.2 millimeters (mm). (see B in diagram)

- **Overall Thickness**

Average thickness of plate is 0.2 mm to 0.3 mm, plus (+) or minus (-) 0.05 mm. (see C in diagram)

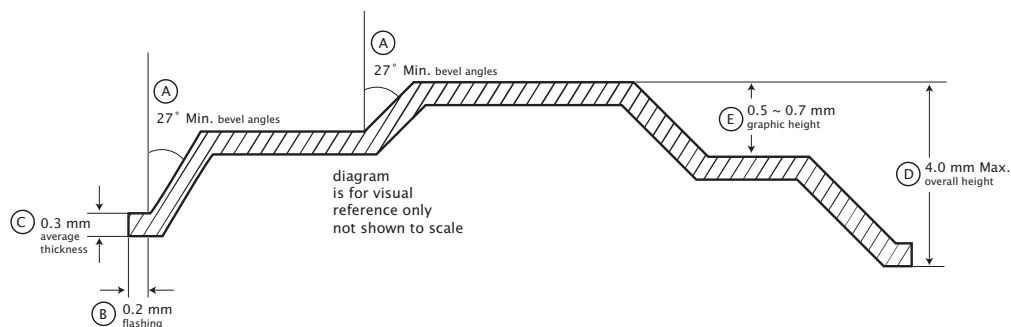
- **General Notes**

The total height of the nameplate should be between 0.75 mm and 4.0 mm (see D in diagram)

The height of the graphics should be between 0.5 mm and 2.5 mm (see E in diagram)

- **Recessed or Raised Areas**

Bevels or tapers should be a minimum of 27° (degrees) (see A in diagram)





**Photography/Artwork for Inlets and NT Nickel/Aluminum Medallions:**  
Artwork or photographic masters should ideally be supplied at actual size of the final required nameplates.

- **Film**

All film should be in positive form (emulsion side up) with raised or recessed graphics black and background clear. The outline of the base of the part should be provided on the film.

- **Photo Ready Artwork**

When providing artwork, recessed or raised graphic areas should be black with white background. The outline of the base of the part would should be also be provided for the film.

**Photography/Artwork for Nickel Electroformed Medallions:**  
2-D .dxf files and 3-D .IGS should be provided along with either a .pdf or .jpg dimensioned diagram.

**Background Finishes:**

Textured and diamond cut backgrounds are readily available and also desirable as they enhance the overall finish. Namplate textures can be reproduced from samples.

**Colors:**

Virtually any colors can be matched from the standard Pantone™ color system or from your own supplied samples. Color samples should be provided on metal whenever possible.

**Application:**

There are a variety of methods in which the nameplates produced can be attached to your various substrates or housings. Adhesives, ABS or polycarbonate back-fill with studs, or aluminum tabs are the most commonly requested methods.

- **Adhesives**

These should be specified by each customer based on substrate requirements .

- **Stud and Tabs**

These applications require third angle projection drawings.

- **Recessed Housings**

If the finished nameplate is to be placed into an injection molded housing, please specify exact dimensions of the recessed area that it is to be placed within. Also provide a housing part and/or prototype if available.

Any technical questions not covered in this document should be referred to your Oudensha representative.



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