

# Z-Studios Waterjet Request For Quote Instructions

## Step 1. Provide vectorized files:

A .dxf file format is preferred but we can work with the following file types:

.dwg, .dxf, .3dm, .eps, .step, .sldrw and .ai,

A 1" x 3" rectangular scale must be provided in the lower left corner of your file. *(Especially for .ai files)*

In your drawing please include ONLY an outline of your part. (Dimensions, and notations are ok)

Be sure the outline is a closed contour and the drawing has no layers, fill, hatching, or overlapping lines. Cleaning up of your file will reflect in the quoted price. Typical files should not exceed 1 MB.

## Step 2. Provide the following information:

*(Please include the below info in the drawing file as notations)*

1. Specify your material: (acrylic, aluminum, brass, bronze, copper, foam, glass, granite, hard wood, marble, plywood, rubber, stainless, steel, sintra, titanium, zinc, other)
2. Material gauge/thickness (20ga, 18ga, 16ga, 1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 1", 1-1/2", 2", 3", 4", 5")
3. Part quantity.
4. Surface Finish: (mill, 2B, brushed, polished, non-directional, other)
5. Specify if the part is a negative or positive? *(If applicable)*
6. Specify if you are providing material or using Z-Studios material.
7. Customer's material condition: Ie. Vinyl mask, minor scuffs and scratches, rusty spots etc.
8. Customer's material size. (24" x 48", 36" x 96", 48" x 48", 48" x 96", 48" x 120", 60" x 96", 60" x 120", other.)
9. Specify if the finished part will be seen from both sides?
10. Specify if this is a RUSH ORDER. (Subject to a rush charge of up to 50%)
11. If material is not a solid or is a laminate, please explain. (ie, honey comb sheets)

## Step 3. Specify Edge Cut Quality: *(for materials over 1/8" thickness only)*

**Blue:** This is our "**premium**" cut. Edges will be square and free from cut striations.

This is our most expensive option usually reserved for parts that demand extreme accuracy and finish.

**Yellow:** This is our "**good**" cut. More cost effective and most commonly used. Edges will be square within a few thousandths of an inch depending on material thickness. Only slight edge striations will be visible. Maintains part accuracy. Typical tolerance is +/- .003 - .01

**Pink:** This is our "**economy**" cut. (Most affordable) Reduced part accuracy and visible cut striations. Some edge taper may occur. Typical tolerance is +/- .01 - .02 depending on material thickness.

**Red:** This is our "**rough**" cut. (Only available on thinner materials) Reduced part accuracy and considerable cut striations. Edge taper will be apparent.

## Notes:

The edge of all waterjet cut parts will have the appearance of a sandblasted finish.

Parts may have "Whiteness Marks" this is a tiny blip where the cut starts and stops.

The maximum cutting capacity of the machine is 72" x 131" x 5" thick.

Please call and speak with an estimator for cutting of materials thicker than 5".

If customer is providing material, the sheet must be at least 1/2" bigger per side than the part to be cut.

Tempered glass cannot be cut on any waterjet.

If providing fragile materials such as stone or glass customer must provide enough to cut extra parts.

Additional services such as deburring, part labeling, custom laminating and hole tapping are available upon request.

