

The engraving results are poor

general rules:

- 1) Make sure you only use sharp cutters.
- 2) Make sure your cutters have been sharpened using the correct grinding angles for the material you have to engrave.
- 3) Always try not to engrave deeper than necessary. For plastics this means just deep enough to get through the top layer.
- 4) If you have to colour fill engravings, e.g. in aluminium, the engraving depth needs to be 0.3 mm.

Check the following:

1. Is your cutter sharp and adapted for the kind of material you want to engrave ?\
2. Are the XYZ feed speeds and the spindle RPM adapted for your material ?
3. Is the cutter width adapted to the character height in combination with the used font ? For most single line fonts you need a cutter width about 1/8 to 1/10 of the character height.
4. When engraving aluminium or stainless, did you not forget to switch on the "bidirectional"  function ?

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