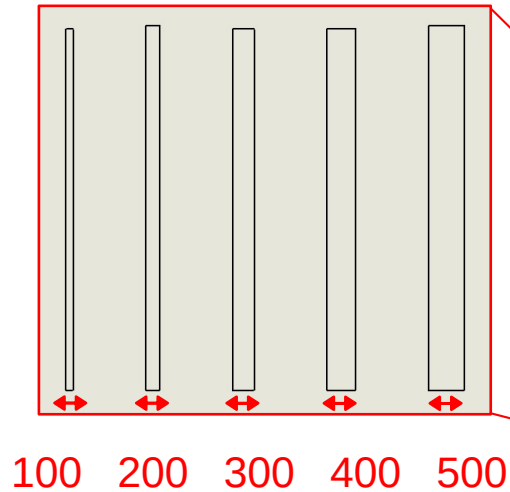


# Resin Printer Comparison

(all units in micrometers)

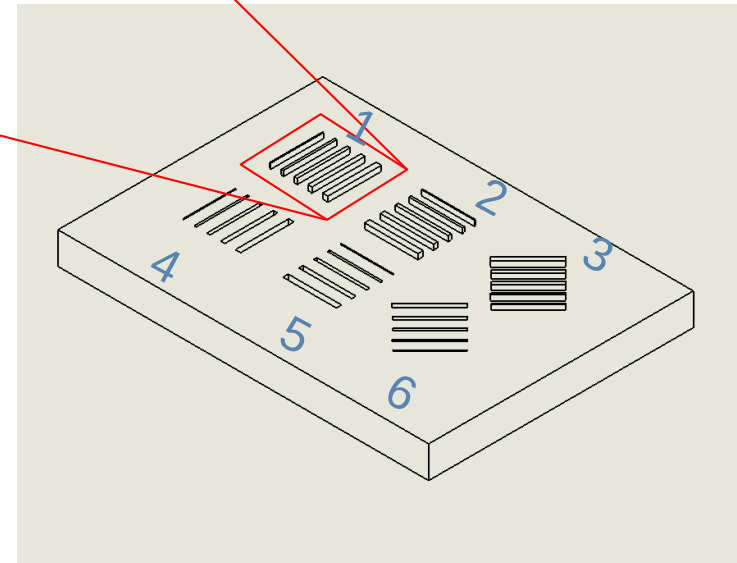
In order to test our resin printer capabilities, this model was designed.

It captures minimum feature sizes for both positive and negative features, while also comparing different print orientations.

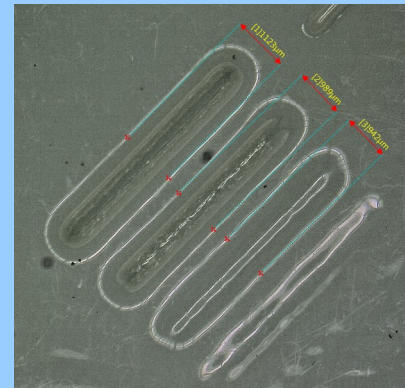
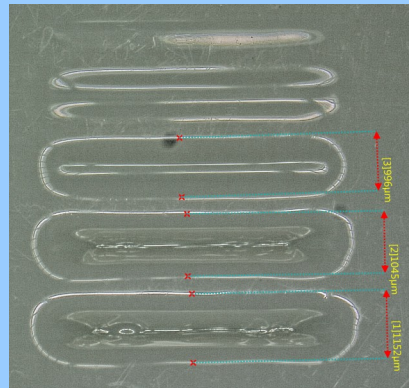
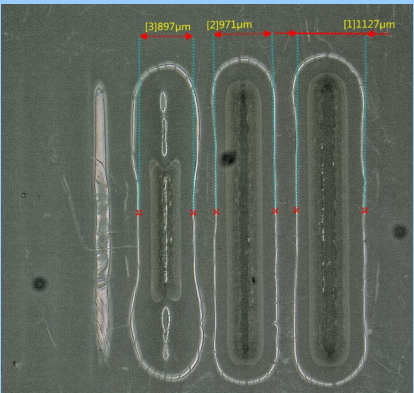
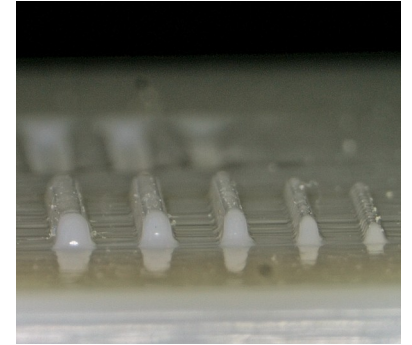
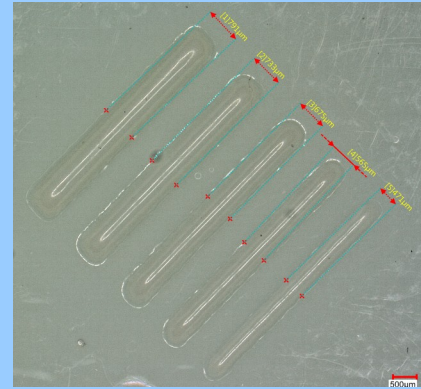
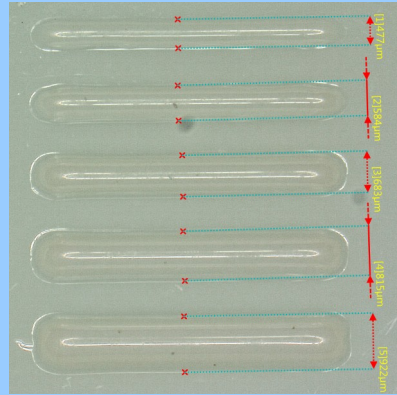
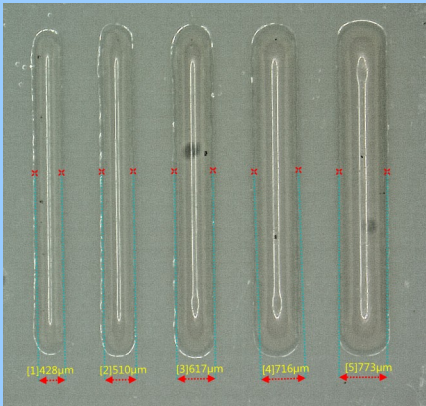


500 um tall  
(for positive features)

500 um deep  
(for negative features)



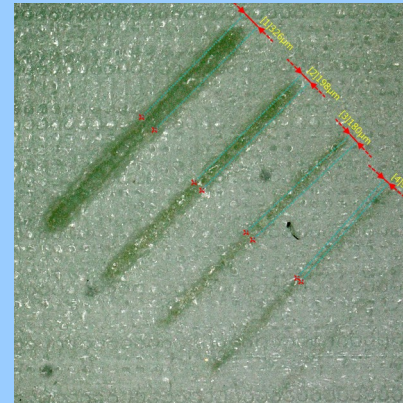
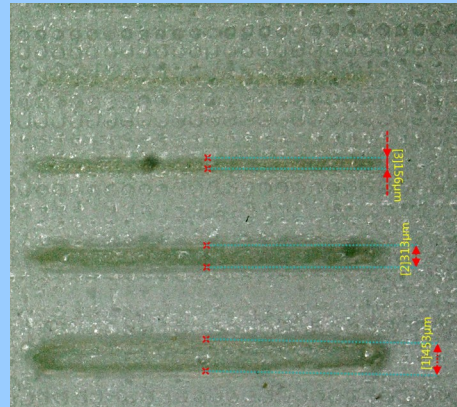
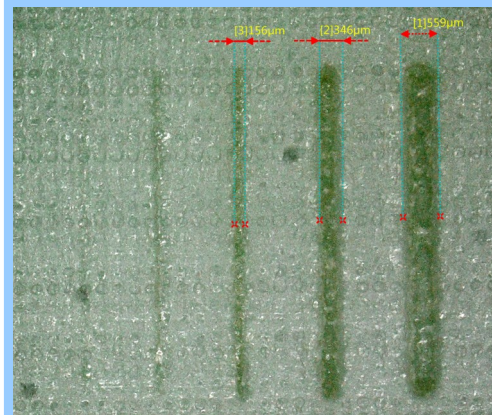
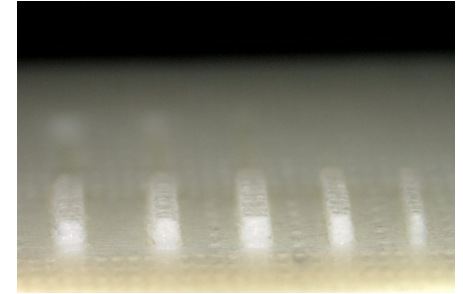
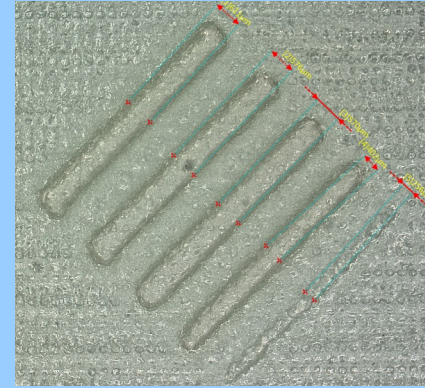
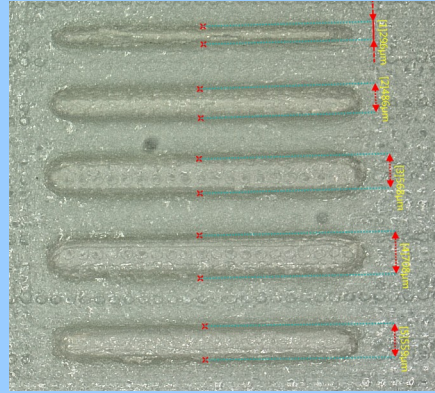
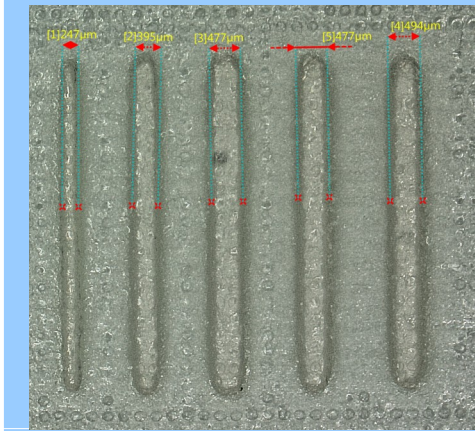
# Objet30 – Glossy Mode



All features are oversized and rounded

Negative features are very poor

# Objet30 – Matte Mode

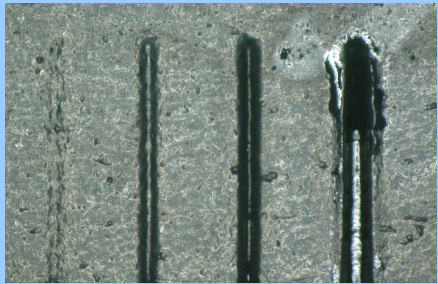
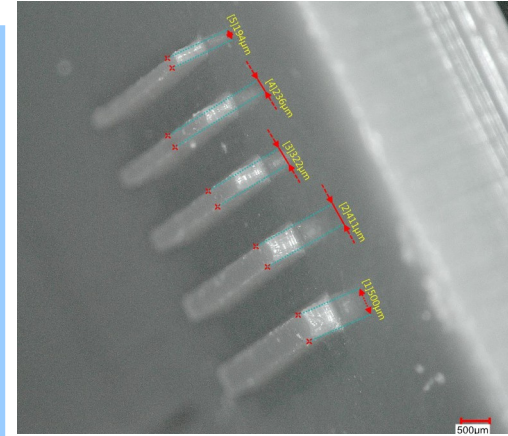
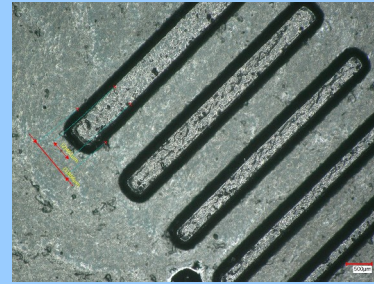
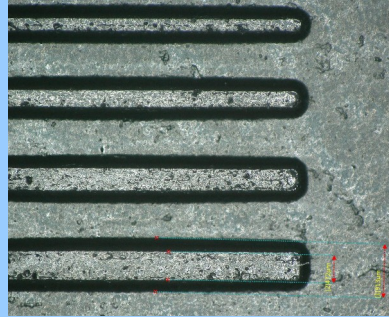
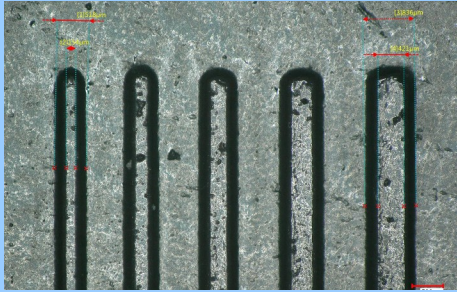


Features are slightly oversize.

Negative features are poor if smaller than 300µm.

Relatively straight side-walls

# Form3 – Tough 2K (adaptive)



Excellent resolution and sidewalls for positive features.

Horrible negative features.

# General Summary

- **Objet30 Glossy Mode** results in the smoothest surface finish. **Great for molds with features 500um or larger.**
- **Objet30 in Matte** results in a rougher surface, with reasonable resolution. Great for **positive and negative features larger than 300um.**
- **Form3** has the best resolution for **positive features, around 200um.**