

# Autostep 200 Chucks

| <u>Wafer Size</u>         | <u>Substrate Thickness</u> | <u>Chuck Thickness</u> |
|---------------------------|----------------------------|------------------------|
| ¼ 2" (and smaller)        | 500 um                     | 11.646 mm              |
| 2" (and smaller)          | 500 um                     | 11.650 mm              |
| 100 mm (and smaller)      | 500 um                     | 11.630 mm              |
| ¼ 2" (and smaller)        | 635 um                     | 11.536 mm              |
| 76.2 mm (and smaller)     | 635 um                     | 11.570 mm              |
| AI 100 mm (and smaller)   | 635 um                     | 11.570 mm              |
| Black Multi (and smaller) | 720 um                     | 11.440 mm              |

**Target thickness 12.150 mm +/- .1 mm**

**Meaning: Thickness (Chuck + Wafer) = 12.150 mm (do not try push the limits)**

**Limits for reading on voltmeter ( +/-6V), ideal ~0V**

## Do Not Over Tighten Screws

Please be careful tightening the screws when you use the shims with the stepper chucks. It is easy to over tighten the screws and strip out the chucks. Also, if you notice a screw head is being stripped please discard the screw and use a new one.