

SMALL 2" CHUCK-500um

Substrate size: 2 inch (and smaller)

S=Substrate thickness: (0.400-0.600)mm

C=Chuck thickness(Adam): 11.650mm

C=Chuck thickness(Bilja): 11.671mm

Thickness(C+S)={11.650+0.500}=12.150mm

TARGET thickness=12.150mm (+/- 0.100mm)

Thinner substrates ($\leq 350\mu\text{m}$), use shim 130-230um



3" CHUCK-635um

Substrate size: 3" inch (and smaller)

S=Substrate thickness: (0.480-0.680)mm

C=Chuck thickness(Adam): 11.570mm

C=Chuck thickness(Bilja): ~11.532mm

Thickness(S+C)=(11.570+0.580)=12.150mm

TARGET thickness=12.150mm (+/- 0.100mm)

Thinner substrates ($\leq 350\mu\text{m}$), use shim 130-260um



STANDARD CHUCK-500um

Substrate size: 4 inch (and smaller)

S=Substrate thickness: (0.420-0.620)mm

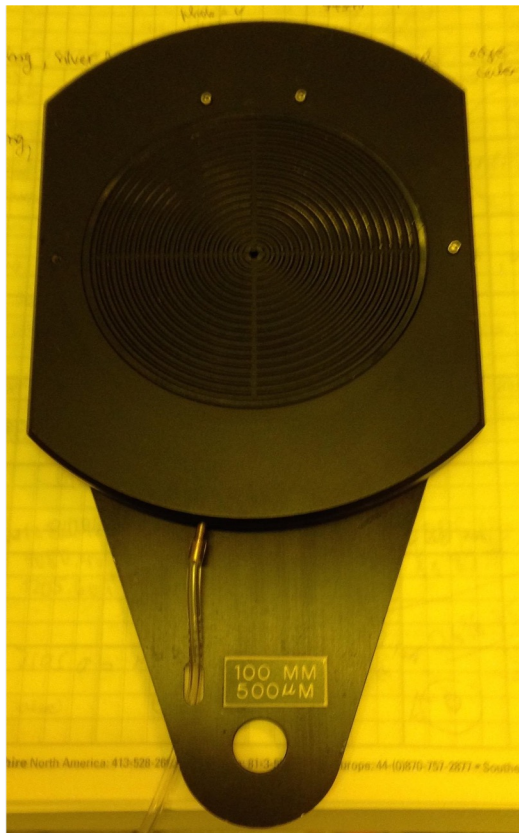
C=Chuck thickness(Adam): 11.630mm

C=Chuck thickness(Bilja): 11.582mm

Thickness(C+S)=(11.630+0.520)=12.150mm

TARGET thickness=12.150mm (+/- 0.100mm)

Thinner substrates ($\leq 350\mu\text{m}$), use shim 130-260um



BIG METAL CHUCK

Substrate size: 4 inch (and smaller)

S=Substrate thickness: (0.480-0.680)mm

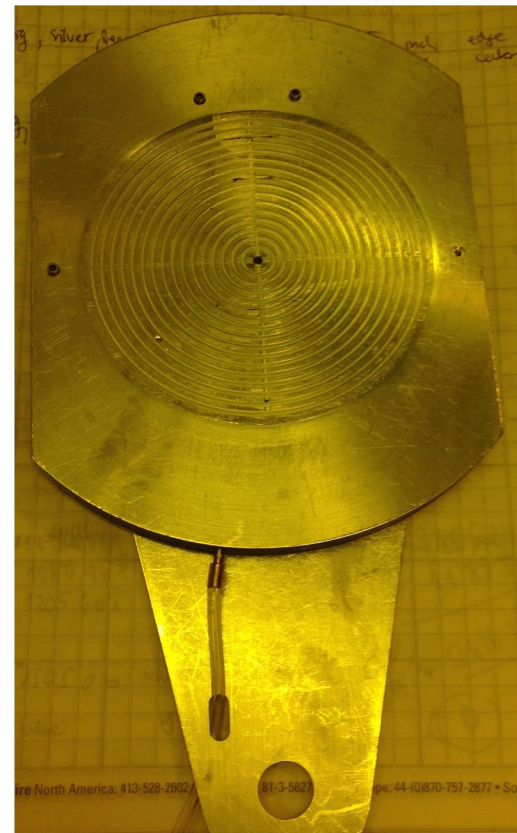
C=Chuck thickness(Adam): 11.570mm

C=Chuck thickness(Bilja): ~11.506mm

Thickness (C+S)=(11.570+0.580)mm=12.150mm

TARGET thickness=12.150mm (+/- 0.100mm)

Thinner substrates ($\leq 350\mu\text{m}$), use shim 130-260um



BLACK MULTI-720um

Substrate size: 4" inch (and smaller)

S=Substrate thickness: (0.610-0.810)mm

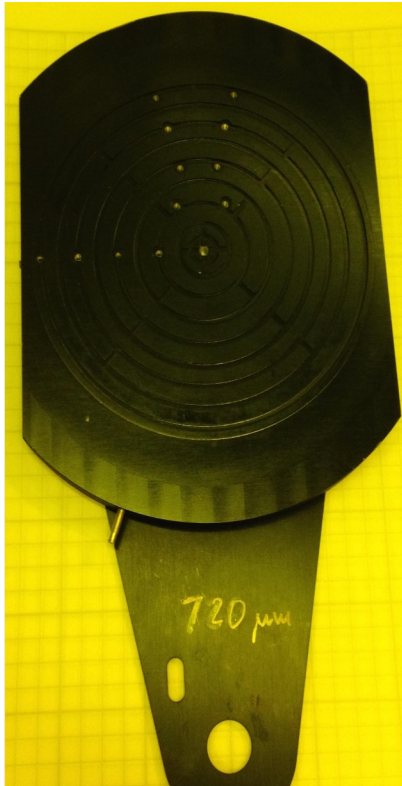
C=Chuck thickness(Adam): 11.440mm

C=Chuck thickness(Bilja): ~11.341mm

Thickness(S+C)=(11.440+0.710)=12.150mm

TARGET thickness=12.150mm (+/- 0.100mm)

Thinner substrates (350-500um), use shim



INIVERSAL-1000um

Substrate size: 4" inch (and smaller)

S=Substrate thickness: 1 mm

C=Chuck thickness(Matt): 11.2mm

Thickness(S+C)=(11.2+1.0)=12.20mm

TARGET thickness=12.150mm (+/- 0.100mm)

Thinner substrates (350-500um), use shim

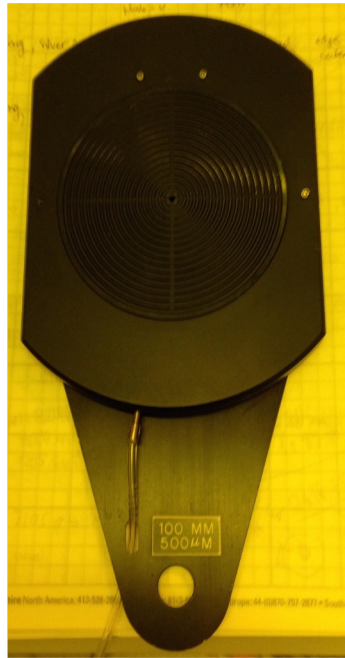


Back/Front side of the chuck and shim (correct attaching)

Back side
attached correctly



Front side
Writing 100mm/500um needs to
be on front side



Back side/Shim
attached correctly

