

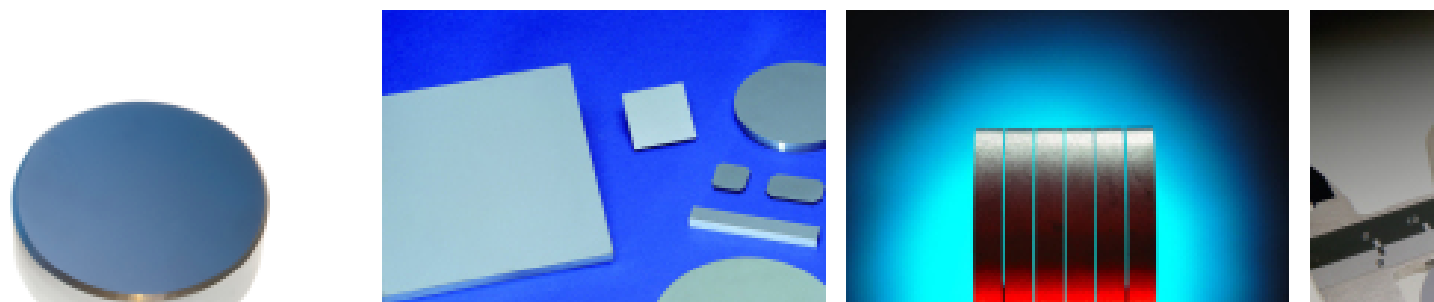


(<https://www.latticematerials.com/wp-content/uploads/2014/11/basic3.jpg>)

EXPERT MACHINING AND METROLOGY FOR SILICON AND GERMANIUM

competitive pricing for both small or large quantities

Sliced silicon blanks



Silicon and Germanium Basic Machining

Even when specifying silicon and germanium parts that only require basic machining steps like coring, grinding and slicing, your vendor is of critical importance. Since these materials are extremely hard and brittle, improper machining and handling techniques can create subsurface damage that weakens the part and

hinders performance.

Lattice Materials has developed specific handling and machining techniques in our over 25 years of being in business. We can deliver virtually chip-free parts in either round or rectangular configurations. Our high-precision saws, grinders and metrology ensures the best possible yield and performance in your parts.

For as-cut parts, we commonly apply a protective bevel to ensure that chips don't form throughout any additional machining steps.

Category: Capabilities

Diameter: Up to 18.5"

Thickness: Up to 14.5"

Bevel: CNC Bevels and Break Edges Available

[SUBMIT RFQ \(MAILTO:SALES@LATTICEMATERIALS.COM\)](mailto:SALES@LATTICEMATERIALS.COM)

LATTICE TERMS


Terms and Conditions of Sale
(<https://www.latticematerials.com/wp-content/uploads/2019/11/Terms-and-Conditions-of-Sale.pdf>)

ABOUT LATTICE MATERIALS

Lattice Materials is a manufacturing company specializing in machining hard, brittle materials including silicon, germanium, BK7, YAG and more.

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