



Features

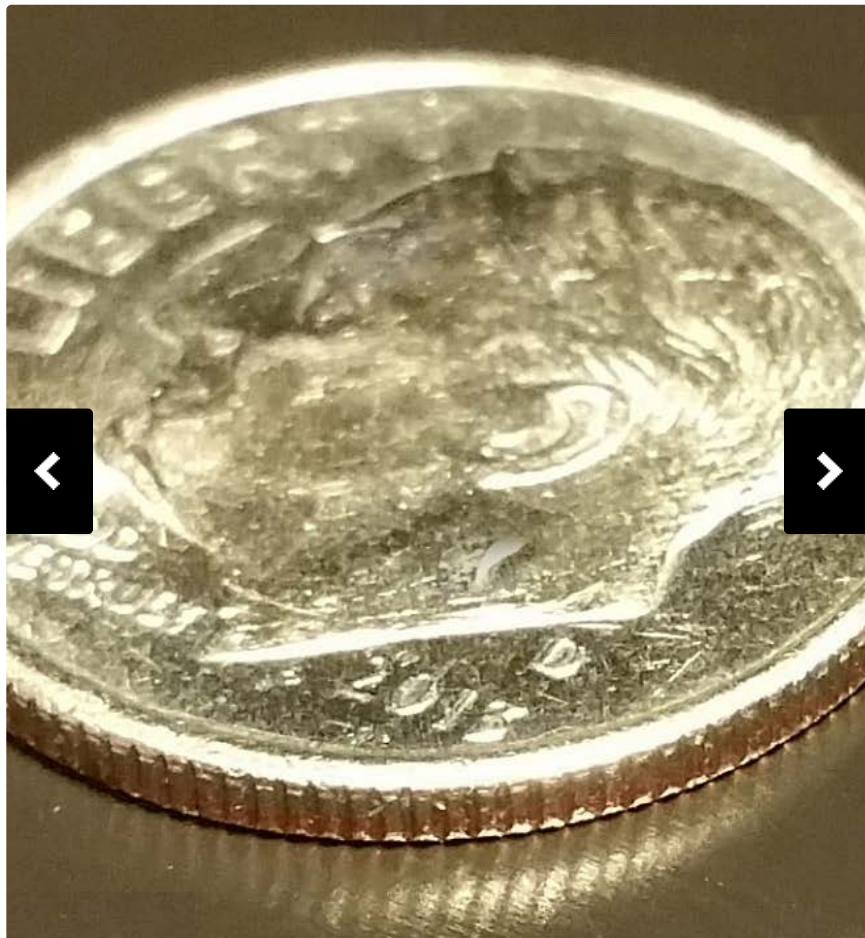
Specifications

Benefits

- Angle tolerances to < 2 arc seconds!
- Sizes from 2x2 mm³ to > 6 inches
- Polarizing & non-polarizing coatings available
- Prototype to OEM production quantities

Common Prism Types

- Right Angle Prisms
- Penta Prisms
- Brewster Prisms
- Dove Prisms
- Amici Prisms
- Equilateral Prisms
- Dispersion Prisms
- Schmidt Prisms
- Risley Wedges
- Matched Wedge Pairs



Perkins Precision Developments (PPD) manufactures custom, high-precision prisms and [prism assemblies](#) of all shapes and sizes and in a variety of materials including fused silica, fused quartz, N-BK7, YAG, CaF₂, ZnSe, SF11 and other high index glasses. Prisms are available uncoated or coated with our low-loss, high energy [IBS thin film coatings](#) for applications in the UV, visible and near-infrared (NIR). Typical coatings include anti-reflection (AR), high-reflector (HR), dichroic, beam splitter, polarizing, non-polarizing and protected metal designs.

Common types of thin film coated prisms that we produce for both laser and imaging applications include right angle turning prisms, risley prisms, equilateral

dispersion prisms and penta prisms. Precision optical assemblies such as polarizing beam splitter cubes and custom, non-polarizing prism beam splitters are also an option.

Our technical sales team will work with you at the design and quotation phases to ensure the optimal balance of performance, manufacturability and cost. Please [send us your requests](#) for custom prisms, matched wedge pairs & other precision optical components.

About PPD

Perkins Precision Developments has a full range of shaping, grinding, polishing and coating equipment that allows us to produce a diverse mix of shapes and sizes of precision optical components and assemblies for a wide variety of applications .

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