

## Microstructure Parameters

### Microstructured Surface Parameters

Facet Width	2.5 mm maximum 0.25 mm minimum ± 0.0005 mm tolerance
Facet Angle	70° maximum (at large diameters) ± 5' tolerance
Facet Root Radius	~ 0.0025 mm
Facet Peak Radius	~ 0.0025 mm
Draft Angle	3° minimum
Facet Surface Finish	< 150 Å RMS

### Optical Part Parameters

Scratch-Dig Specification	Varies with optical design (comparable to conventional lenses)
Transmission Efficiency	Varies with optical design
Focal Length	Per design
<i>f</i> -number	As fast as <i>f</i> /0.5
Spot Size or Resolution	Depends on design

### Dimensional Part Parameters

Part Thickness	Depends on part shape and size tolerance typically ± 10%
Part Flatness	Depends on part shape and size
Parallelism	0.025 mm per 25 mm
Diameter	~ 600 mm maximum

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