

Precision Ball Lens

This ball lens features an ultra-high-precision diameter and face. It is manufactured in different materials and offered in diameters ranging from 1-50mm.



ADDITIONAL IMAGES



Product Overview

Precision Ball Lens

These precision ball lenses are high-quality optical components designed for efficient light focusing and collimation. Manufactured with ultra-high-precision diameters and faces, they are essential for compact optical systems. Their spherical geometry and high-quality materials ensure optimal transmission and minimal distortion across a wide range of applications.

Technical Specifications

Precision Level

Ultra-high precision

Diameter Range

1 mm

Maximum Diameter

50 mm

Applications

Primary Applications

- Fiber optic coupling
- Endoscopy
- Microscopy
- Barcode scanning
- Optical sensors
- Laser systems
- Medical imaging

Key Benefits

Light focusing, Beam shaping, Collimation, Compact design, High transmission