

**TECHSPEC® 4,25" D. x 34" BW unbeschichtet, parab. Spiegel**



Produkt #32-067-000 **AUSVERKAUF** 5 In Stock

- 1 + €494.<sup>00</sup>

**+ WARENKORB**

| Mengenrabatte |                                 |
|---------------|---------------------------------|
| Stk. 1-9      | €494,00 stückpreis              |
| Stk. 10-25    | €407,00 stückpreis              |
| Stk. 26-49    | €384,00 stückpreis              |
| Need More?    | <a href="#">Angebotsanfrage</a> |

! Preise exklusiv der geltenden Mehrwertsteuer und Abgaben

Downloadbereich

**Produktdetails**

Parabolic Mirror **Typ:**

**Physikalische und mechanische Eigenschaften**

108.00 +1.5/-0 **Durchmesser (mm):**

Ground **Rückseite:**

|                                  |                                    |
|----------------------------------|------------------------------------|
| 98                               | Freie Apertur CA (mm):             |
| 4.25 +0.06/-0                    | Durchmesser (Zoll):                |
| 0.75                             | Randdicke ET (Inch):               |
| 19.10                            | Randdicke ET (mm):                 |
| <b>Optische Eigenschaften</b>    |                                    |
| Uncoated                         | Art der Beschichtung:              |
| Uncoated                         | Beschichtung:                      |
| 863.60                           | Effektive Brennweite EFL (mm):     |
| <b>BOROFLOAT®</b>                | Substrat: <input type="checkbox"/> |
| f/8                              | Blende (f/#):                      |
| 34.00                            | Effektive Brennweite EFL (Zoll):   |
| ±1.5                             | Toleranz Brennweite (%):           |
| λ/8                              | Oberflächengenauigkeit:            |
| 60-40                            | Oberflächenqualität:               |
| 1,727.20                         | Krümmungsradius (mm):              |
| <b>Konformität mit Standards</b> |                                    |
| <a href="#">Anzeigen</a>         | Konformitätszertifikat:            |

## Produktdetails

- Oberflächengenauigkeit λ/8
- Hervorragende thermische Stabilität
- Verschiedene Beschichtungsmöglichkeiten

TECHSPEC® präzise parabolische Spiegel sind in Größen zwischen 76,2 mm (3") und 412,8 mm (16,25") lieferbar und eignen sich ideal für eine Vielzahl von Anwendungen. Diese Parabolspiegel werden mit den Beschichtungen Protected Aluminium, Protected Gold oder Enhanced Aluminium angeboten. Unbeschichtete Substrate sind ebenfalls erhältlich.

TECHSPEC® Precision Parabolic Mirrors deliver exceptional optical performance for high-precision focusing and collimation across a wide wavelength range. These parabolic mirrors feature λ/8 surface accuracy and 60-40 surface quality, minimize aberrations and scattering, and ensure high reflectivity and tight focus in demanding laser, imaging, and illumination systems. They offer excellent reflectance from visible to infrared regions and are available with protected aluminum, enhanced aluminum, protected gold coatings, or uncoated. Designed with BOROFLOAT® substrates for superior thermal stability, they perform well for applications in aerospace, spectroscopy, and optical instrumentation where precise beam control is critical.

### FAQ(s)

**Which coating options are available for these parabolic mirrors?**

Coating options include protected aluminum, enhanced aluminum for high visible reflectivity, protected gold for infrared use, and uncoated versions.

**What materials are used for the mirror substrates?**

BOROFLOAT® glass provides excellent thermal stability and mechanical durability, especially in temperature-sensitive environments.

**In what types of applications are these parabolic mirrors typically used?**

They are ideal for laser systems, optical instruments, spectroscopy setups, aerospace applications, beam collimation or focusing assemblies, and more.

**How large are the available diameters for the Precision Parabolic Mirrors?**

Mirror sizes range from 3 inches (76.2mm) to 16.25 inches (412.8mm), offering a wide selection for different optical design needs.

## Technische Informationen



