

A-58N



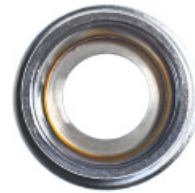
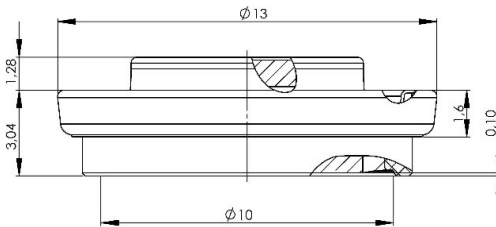
The A-58N lens is designed specifically for variable focus products needing a larger clear aperture than our A-39N and A-25H lenses. This lens is more specifically designed for optical instruments, like ophthalmology, scientific instrumentation, life sciences and microscopes.

Key Features:

- 13 mm outer diameter
- 4.3 mm thickness
- 5.8 mm clear aperture
- Compact & Low WFE
- Focus range from 7 cm to ∞
- Easy to integrate
- Without moving parts or internal heating

Ordering Information:

- A-58N0: with an anti-reflective coating optimized in the visible range
- A-58N1: with an anti-reflective coating optimized in the near infrared
- A-58N9: with no anti-reflective coating



Specifications:

Typical performance at 25°C

Useful aperture at 0° field of view	5.8 mm
Low optical power	-5 diopters (m ⁻¹)
High optical power	+10 diopters (m ⁻¹)
Wave Front Error on 5mm aperture	80 nm (rms)
Transmission at 587nm (or 850nm for N1)	97%
Storage temperature	from -40 to 85°C
Operating temperature	from -20 to 50°C