

The nominal magnification of Beck Reflecting Objectives is specified at a microscope tube length of 160 mm.

The magnification can be increased as much as is required by changing the tube length (intuitively reasonable as the objectives are designed with adjustment from the nominal magnification (at a mechanical tube length of 160 mm) up to infinity magnification at infinity tube length.

For example for a x74 objective used with an optical tube length of approximately 230 mm the magnification will be approximately x100.

Reducing the magnification also works but is rather limited, as reducing the tube length soon causes aberration and vignetting problems.

In summary:

- Increase magnification – yes, as much as you like
- Decrease magnification – limited, please check with Beck.

About Beck Optronic Solutions

Beck has a reputation for excellence in design and manufacture of precision optics that can be traced back over 175 years. Based near London, UK, Beck delivers complex, integrated electro-optic systems for defence and commercial use across the electromagnetic spectrum from UV to LWIR. **For pricing or further information please contact us at:**

t: +44 (0) 1442 255755 | **e:** info@beckoptronic.com | **w:** beckoptronic.com

Beck Optronic Solutions Limited | Registered in England No 09072729 | VAT No GB 196 4396 58
Registered office: Focus 31 – West Wing, Mark Road, Hemel Hempstead, Hertfordshire HP2 7BW United Kingdom

