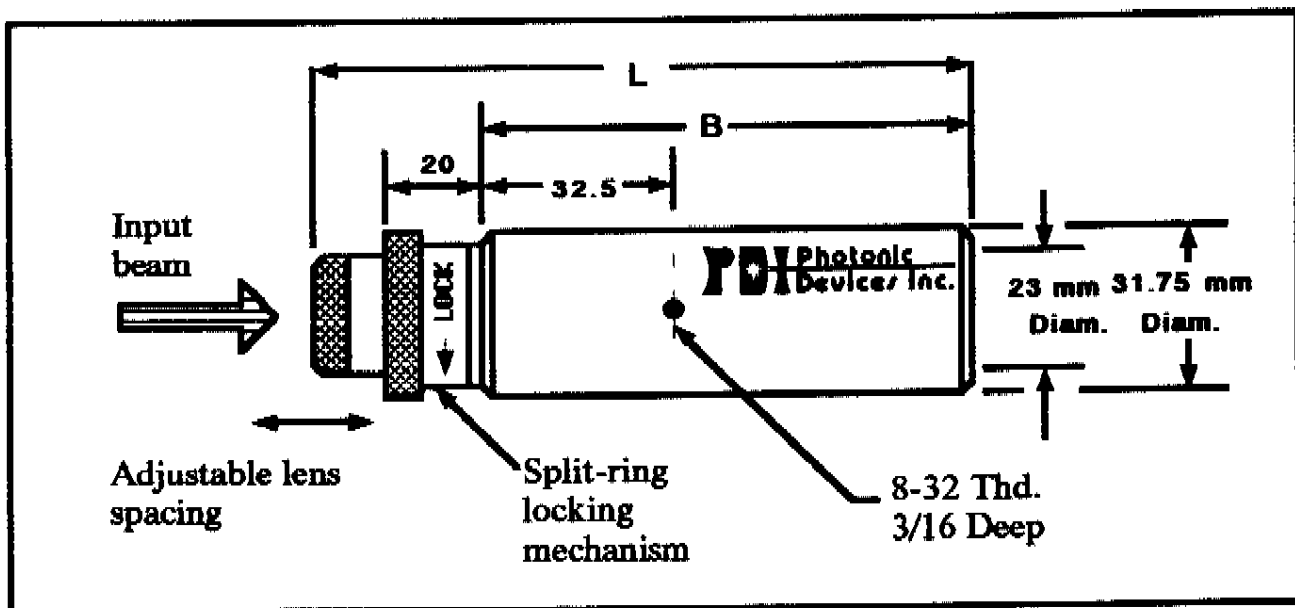


GBE23 Series Galilean Beam Expanders

The GBE23 Series of Galilean Beam Expanders is designed specifically for low magnification of laser beams with diameters as large as 4 mm. Although low in cost, these precision optical devices are ideally suited for matching the laser with the scanning or focusing optics used in a variety of materials processing applications.

APPLICATIONS

Laser Marking and Engraving
Laser Printing Systems
Laser Scanning Systems
Laser Welding



SPECIFICATIONS

Model No.	Magnification	Input Beam Max., (MM)	B (MM)	L (MM) @ 1064NM
06-GBE23-2.5X-λ	2.5	8	79.0	94.7
06-GBE23-3X-λ	3.0	7	86.1	122.8
06-GBE23-4X-λ	3.9	6	79.5	99.7
06-GBE23-5X-λ	5.0	4	86.1	120.4
06-GBE23-8X-λ	7.9	2.5	96.0	130.0

λ... This series is usable over a wide spectral range(420-1180 nm) with the appropriate anti-reflection coatings. Input lenses are fused silica; output lenses are BK-7.