

# Prisms

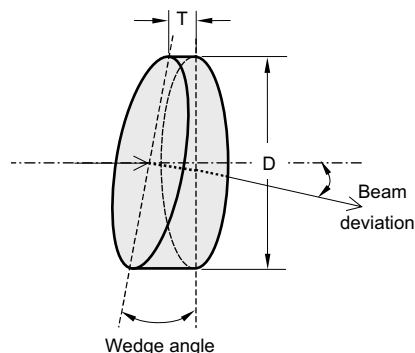
## WEDGE PRISMS

- Steer beams in optical systems
- Can be used in pairs for continuous angular adjustment

Having selected an appropriate wedge, it is easy to create a precise beam deviation without affecting other beam parameters. If two wedges are used together with the sloping surfaces in close proximity, it is possible to produce a continuous variation of beam deviation by counter – rotating the wedges.

Wedge prisms are made from alternative materials, such as synthetic fused silica, and different shapes and sizes or with various anti-reflection coatings.

*Contact us for other types of prisms  
e.g. trapezoidal, various isosceles, Dove, Amici, Penta, etc.*



### SPECIFICATIONS

Material	BK7, FS, UV FS
Surface quality	40–20 scratch & dig
Clear aperture	90% of the diameter
Diameter tolerance	+0.00 -0.12 mm
Wedge tolerance	±3 arcmin
Surface flatness	λ/4 @ 633 nm

Catalogue number			Diameter D, mm		Thickness	Wedge,	Price, EUR
BK7	UV FS	FS	Metric	English	T, mm	deg	
310-0200	310-1200	310-3200	25.0	25.4	3	0.5	46 / 69 / 63
310-0201	310-1201	310-3201	25.0	25.4	3	1	47 / 70 / 65
310-0202	310-1202	310-3202	25.0	25.4	3	2	47 / 70 / 65
310-0203	310-1203	310-3203	25.0	25.4	3	3	48 / 71 / 66
310-0205	310-1205	310-3205	25.0	25.4	3	5	49 / 72 / 67

Please add code M to the catalogue number for metric dimensions and code E for English.  
Please contact us for other wedge prism size or precision requirements.

### HOUSING ACCESSORIES

- Kinematic Mirror/Beamsplitter Mount 840-0036  
See page 5.54

