

## High laser damage resistance

# 355nm focus lens for laser processing

## ● Features

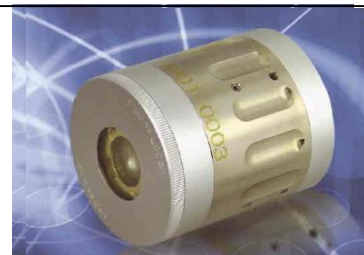
This focus lens is an ideal solution for laser microfabrication.

Lenses with a high proof AR coating are assembled without adhesive.

THP-6-8 is ideal for micromachining from its small focus spot diameter. An interchangeable window is provided as a standard countermeasure against spattering during processing, and micro processing inside the glass can be performed by selecting the thickness of the window.

## ● Applications

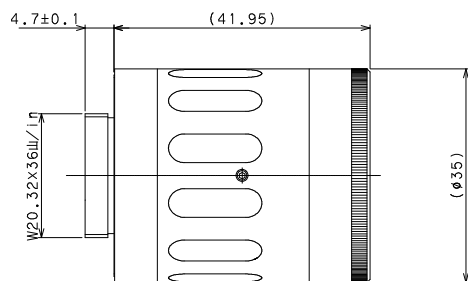
- ◎ Fine drilling
- ◎ Cutting
- ◎ Optical molding
- ◎ Marking on glass



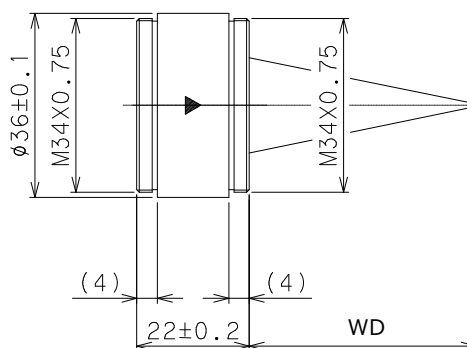
## ● Specification

	THP6-8	THP50-20	THP80-20
Wavelength	355nm	355nm	355nm
Numerical aperture (NA)	0.6	0.2	0.125
Focal length	6.22mm	50mm	80mm
Processing range	Φ0.01mm	Φ0.5mm	Φ0.8mm
Focus spot diameter	≤Φ1um		
Working distance (WD)	3.3mm	45mm	73mm
Mounting screw	W20. 32x36ridges/in	M34xP0.75	M34xP0.75
Window	Replaceable	None	None

## ● EXTERNAL DIMENSIONS



THP6-8



THP50-20, THP80-20

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Optical components, optical systems, lasers



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