High laser damage resistance

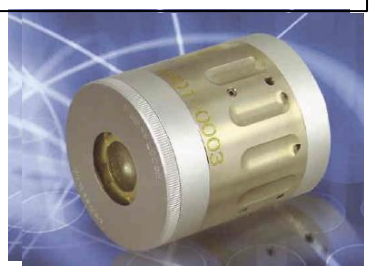
355nm, 266nm focus lens for laser processing

●Features

This focus lens is an ideal solution for laser microfabrication.
Lenses with a high proof AR coating are assembled without adhesive.
THP6-8, FHP6-8 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

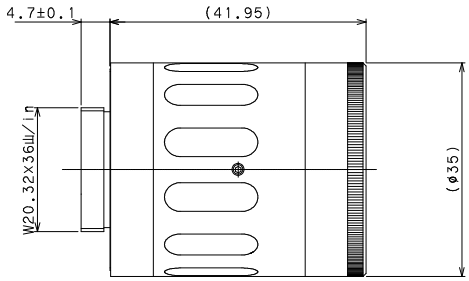
◎Fine drilling　◎Optical molding
◎Cutting　◎Marking on glass



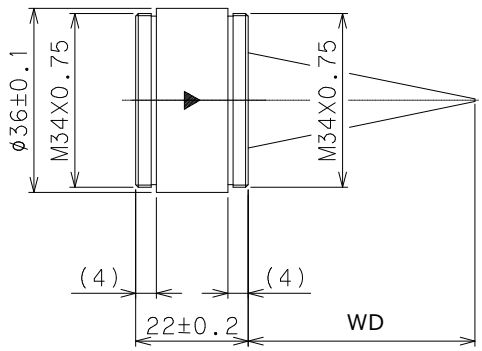
●Specification

	THP-6-8	FHP6-8	THP-50-20	FHP50-20	THP-80-20	FHP80-20
Wavelength	355nm	266nm	355nm	266nm	355nm	266nm
Numerical aperture	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	3.3mm		45mm		73mm	
Mounting screw	W20.32x36山/in		M34xP0.75		M34xP0.75	
Window	交換可		なし		なし	

●EXTERNAL DIMENSIONS



THP6-8
FHP6-8



THP50-20, THP80-20
FHP50-20, FHP80-20

Optical components, optical systems, lasers

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