

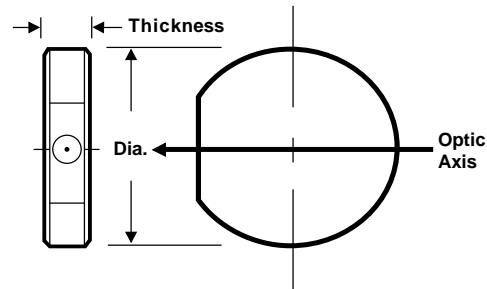
# 1064.1 nm Harmonic Waveplates



## Diameter (mm)

### Specifications:

Material..... Crystal quartz  
 Parallelism..... Less than 0.5 arc seconds  
 Surface Quality..... 10/5  
 Retardation Tolerance ..... 1/300  
 Transmitted Wavefront ..... 1/10  
 Diameter Tolerance ..... +.000", -.005"  
 Clear Aperture..... Central 90% of diameter



Optic axis is normal to flat on plate  
 (plate app. 1 mm thick)

Wavelength (nm)	Diameter (mm)			
	10 mm	15 mm	20 mm	30 mm
1/1 1064.1 & 1/4 266.0	WHF106/Q266-39	WHF106/Q266-59	WHF106/Q266-78	WHF106/Q266-11
1/1 1064.1 & 1/2 266.0	WHF106/H266-39	WHF106/H266-59	WHF106/H266-78	WHF106/H266-11
1/1 1064.1 & 1/4 532.0	WHF106/Q532-39	WHF106/Q532-59	WHF106/Q532-78	WHF106/Q532-11
1/1 1064.1 & 1/2 532.0	WHF106/H532-39	WHF106/H532-59	WHF106/H532-78	WHF106/H532-11
1/1 532.0 & 1/4 266.0	WHF532/Q266-39	WHF532/Q266-59	WHF532/Q266-78	WHF532/Q266-11
1/1 532.0 & 1/2 266.0	WHF532/H266-39	WHF532/H266-59	WHF532/H266-78	WHF532/H266-11
1/1 532.0 & 1/4 354.7	WHF532/Q354-39	WHF532/Q354-59	WHF532/Q354-78	WHF532/Q354-11
1/1 532.0 & 1/2 354.7	WHF532/H354-39	WHF532/H354-59	WHF532/H354-78	WHF532/H354-11
1/1 532.0 & 1/4 1064.1	WHF532/Q106-39	WHF532/Q106-59	WHF532/Q106-78	WHF532/Q106-11
1/1 532.0 & 1/2 1064.1	WHF532/H106-39	WHF532/H106-59	WHF532/H106-78	WHF532/H106-11
1/1 354.7 & 1/4 266.0	WHF354/Q266-39	WHF354/Q266-59	WHF354/Q266-78	WHF354/Q266-11
1/1 354.7 & 1/2 266.0	WHF354/H266-39	WHF354/H266-59	WHF354/H266-78	WHF354/H266-11
1/1 354.7 & 1/4 532.0	WHF354/Q532-39	WHF354/Q532-59	WHF354/Q532-78	WHF354/Q532-11
1/1 354.7 & 1/2 532.0	WHF354/H532-39	WHF354/H532-59	WHF354/H532-78	WHF354/H532-11
1/1 354.7 & 1/4 1064.1	WHF354/Q106-39	WHF354/Q106-59	WHF354/Q106-78	WHF354/Q106-11
1/1 354.7 & 1/2 1064.1	WHF354/H106-39	WHF354/H106-59	WHF354/H106-78	WHF354/H106-11
1/1 266.0 & 1/4 354.7	WHF266/Q354-39	WHF266/Q354-59	WHF266/Q354-78	WHF266/Q354-11
1/1 266.0 & 1/2 354.7	WHF266/H354-39	WHF266/H354-59	WHF266/H354-78	WHF266/H354-11
1/1 266.0 & 1/4 532.0	WHF266/Q532-39	WHF266/Q532-59	WHF266/Q532-78	WHF266/Q532-11
1/1 266.0 & 1/2 532.0	WHF266/H532-39	WHF266/H532-59	WHF266/H532-78	WHF266/H532-11
1/1 266.0 & 1/4 1064.1	WHF266/Q106-39	WHF266/Q106-59	WHF266/Q106-78	WHF266/Q106-11
1/1 266.0 & 1/2 1064.1	WHF266/H106-39	WHF266/H106-59	WHF266/H106-78	WHF266/H106-11

\*For anti-reflection coatings, add AR to the end of the part number.

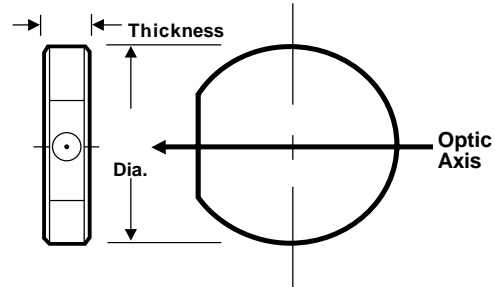
# 1064.1 nm Harmonic Waveplates



## Diameter (mm)

### Specifications:

Material	Crystal quartz
Parallelism	Less than 0.5 arc seconds
Surface Quality	10/5
Retardation Tolerance	1/300
Transmitted Wavefront	1/10
Diameter Tolerance	+ .000", - .005"
Clear Aperture	Central 90% of diameter



Optic axis is normal to flat on plate  
(plate app. 1 mm thick)

Wavelength (nm)	Diameter (mm)			
	10 mm	15 mm	20 mm	30 mm
1/4 1064.1 & 1/4 532.0	WHQ106/Q532-39	WHQ106/Q532-59	WHQ106/Q532-78	WHQ106/Q532-11
1/2 1064.1 & 1/2 532.0	WHH106/H532-39	WHH106/H532-59	WHH106/H532-78	WHH106/H532-11
3/4 1064.1 & 1/2 532.0	WHT106/H532-39	WHT106/H532-59	WHT106/H532-78	WHT106/H532-11
1/4 354.7 & 1/4 532.0	WHQ354/Q532-39	WHQ354/Q532-59	WHQ354/Q532-78	WHQ354/Q532-11
1/2 354.7 & 1/2 532.0	WHH354/H532-39	WHH354/H532-59	WHH354/H532-78	WHH354/H532-11
1/2 354.7 & 1/4 532.0	WHH354/Q532-39	WHH354/Q532-59	WHH354/Q532-78	WHH354/Q532-11

\*For anti-reflection coatings, add AR to the end of the part number.

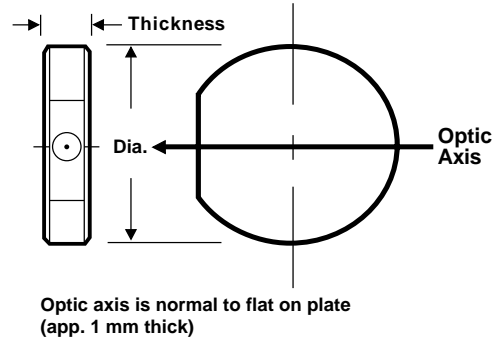
# 1064.1nm Harmonic Waveplates



## Diameter (Inches)

### Specifications:

Material ..... Crystal quartz  
 Parallelism ..... Less than 0.5 arc seconds  
 Surface Quality ..... 10/5  
 Retardation Tolerance ..... 1/300  
 Transmitted Wavefront ..... 1/10  
 Diameter Tolerance ..... +.000", -.005"  
 Clear Aperture ..... Central 90% of diameter



Wavelength (nm)	Diameter Inches			
	.500"	.750"	1.00"	1.50"
1/1 1064.1 & 1/4 266.0 1/1 1064.1 & 1/2 266.0	WHF106/Q266-50 WHF106/H266-50	WHF106/Q266-75 WHF106/H266-75	WHF106/Q266-10 WHF106/H266-10	WHF106/Q266-15 WHF106/H266-15
1/1 1064.1 & 1/4 532.0 1/1 1064.1 & 1/2 532.0	WHF106/Q532-50 WHF106/H532-50	WHF106/Q532-75 WHF106/H532-75	WHF106/Q532-10 WHF106/H532-10	WHF106/Q532-15 WHF106/H532-15
1/1 532.0 & 1/4 266.0 1/1 532.0 & 1/2 266.0	WHF532/Q266-50 WHF532/H266-50	WHF532/Q266-75 WHF532/H266-75	WHF532/Q266-10 WHF532/H266-10	WHF532/Q266-15 WHF532/H266-15
1/1 532.0 & 1/4 354.7 1/1 532.0 & 1/2 354.7	WHF532/Q354-50 WHF532/H354-50	WHF532/Q354-75 WHF532/H354-75	WHF532/Q354-10 WHF532/H354-10	WHF532/Q354-15 WHF532/H354-15
1/1 532.0 & 1/4 1064.1 1/1 532.0 & 1/2 1064.1	WHF532/Q106-50 WHF532/H106-50	WHF532/Q106-75 WHF532/H106-75	WHF532/Q106-10 WHF532/H106-10	WHF532/Q106-15 WHF532/H106-15
1/1 354.7 & 1/4 266.0 1/1 354.7 & 1/2 266.0	WHF354/Q266-50 WHF354/H266-50	WHF354/Q266-75 WHF354/H266-75	WHF354/Q266-10 WHF354/H266-10	WHF354/Q266-15 WHF354/H266-15
1/1 354.7 & 1/4 532.0 1/1 354.7 & 1/2 532.0	WHF354/Q532-50 WHF354/H532-50	WHF354/Q532-75 WHF354/H532-75	WHF354/Q532-10 WHF354/H532-10	WHF354/Q532-15 WHF354/H532-15
1/1 354.7 & 1/4 1064.1 1/1 354.7 & 1/2 1064.1	WHF354/Q106-50 WHF354/H106-50	WHF354/Q106-75 WHF354/H106-75	WHF354/Q106-10 WHF354/H106-10	WHF354/Q106-15 WHF354/H106-15
1/1 266.0 & 1/4 354.7 1/1 266.0 & 1/2 354.7	WHF266/Q354-50 WHF266/H354-50	WHF266/Q354-75 WHF266/H354-75	WHF266/Q354-10 WHF266/H354-10	WHF266/Q354-15 WHF266/H354-15
1/1 266.0 & 1/4 532.0 1/1 266.0 & 1/2 532.0	WHF266/Q532-50 WHF266/H532-50	WHF266/Q532-75 WHF266/H532-75	WHF266/Q532-10 WHF266/H532-10	WHF266/Q532-15 WHF266/H532-15
1/1 266.0 & 1/4 1064.1 1/1 266.0 & 1/2 1064.1	WHF266/Q106-50 WHF266/H106-50	WHF266/Q106-75 WHF266/H106-75	WHF266/Q106-10 WHF266/H106-10	WHF266/Q106-15 WHF266/H106-15

\*For anti-reflection coatings, add AR to the end of the part number.