

Table 10.4: Supported STIS Apertures

Aperture Name	Dimensions (arcsec)		Description	STIS/CCD														STIS/FUV-MAMA				STIS/NUV-MAMA							
	Length	Width		ACQ	ACQ/PEAK							ACCUM							ACCUM or TIME-TAG				ACCUM or TIME-TAG						
				MIRROR	MIRROR	G230LB	G230MB	G430L	G430M	G750L	G750M	MIRROR	G230LB	G230MB	G430L	G430M	G750L	G750M	MIRROR	G140L	G140M	E140H	E140M	MIRROR	G230L	G230M	E230H	E230M	PRISM
Echelle Slits																													
0.1X0.03	0.1	0.025	Very high spectral resolution		✓	✓	✓	✓	✓	✓	✓																	✓	✓
0.2X0.06	0.2	0.063	Echelle slit		✓	✓	✓	✓	✓	✓	✓																	✓	
0.2X0.09	0.2	0.09	Echelle slit		✓	✓	✓	✓	✓	✓	✓																	✓	
0.2X0.2	0.2	0.2	Echelle slit		✓	✓	✓	✓	✓	✓	✓																✓	✓	
0.2X0.05ND	0.2	0.05	Filtered Slit; Neutral Density=2.0		✓	✓	✓	✓	✓	✓	✓																		
0.2X0.06FPA	0.2	0.063	Offset in dispersion direction		✓	✓	✓	✓	✓	✓	✓										✓	✓					✓	✓	
0.2X0.06FPB	0.2	0.063	Offset in dispersion direction		✓	✓	✓	✓	✓	✓	✓										✓	✓					✓	✓	
0.2X0.06FPC	0.2	0.063	Offset in dispersion direction		✓	✓	✓	✓	✓	✓	✓										✓	✓					✓	✓	
0.2X0.06FPD	0.2	0.063	Offset in dispersion direction		✓	✓	✓	✓	✓	✓	✓										✓	✓					✓	✓	
0.2X0.06FPE	0.2	0.063	Offset in dispersion direction		✓	✓	✓	✓	✓	✓	✓										✓	✓					✓	✓	
0.2X0.2FPA	0.2	0.2	Offset in dispersion direction		✓	✓	✓	✓	✓	✓	✓										✓	✓					✓	✓	
0.2X0.2FPB	0.2	0.2	Offset in dispersion direction		✓	✓	✓	✓	✓	✓	✓										✓	✓					✓	✓	
0.2X0.2FPC	0.2	0.2	Offset in dispersion direction		✓	✓	✓	✓	✓	✓	✓										✓	✓					✓	✓	
0.2X0.2FPD	0.2	0.2	Offset in dispersion direction		✓	✓	✓	✓	✓	✓	✓										✓	✓					✓	✓	
0.2X0.2FPE	0.2	0.2	Offset in dispersion direction		✓	✓	✓	✓	✓	✓	✓										✓	✓					✓	✓	
0.3X0.05ND	0.33	0.05	Filtered Slit; Neutral Density=3.0		✓	✓	✓	✓	✓	✓	✓																		
6X0.2	6.0	0.2	Echelle slit		✓	✓	✓	✓	✓	✓	✓										✓	✓					✓	✓	
First-Order Slits																													
52X0.05	52.0	0.049	Long slit		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓				✓	✓			
52X0.1	52.0	0.1	First order slit		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓				✓	✓			
52X0.2	52.0	0.2	First order slit		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓				✓	✓			

Aperture Name	Dimensions (arcsec)		Description	STIS/CCD												STIS/FUV-MAMA				STIS/NUV-MAMA									
	Length	Width		ACQ	ACQ/PEAK						ACCUM						ACCUM or TIME-TAG				ACCUM or TIME-TAG								
				MIRROR	MIRROR	G230LB	G230MB	G430L	G430M	G750L	G750M	MIRROR	G230LB	G230MB	G430L	G430M	G750L	G750M	MIRROR	G140L	G140M	E140H	E140M	MIRROR	G230L	G230M	E230H	E230M	PRISM
52X0.2F1	52.0	0.2	First order slit; Fiducial=0.5 arcsec		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓				✓	✓				
52X0.2F1-R	52.0	0.2	Reference for peaking up in slit width		✓	✓	✓	✓	✓	✓	✓	✓																	
52X0.5	52.0	0.5	First order slit											✓	✓	✓	✓	✓	✓	✓				✓	✓			✓	
52X2	52.0	2.0	First order slit											✓	✓	✓	✓	✓	✓	✓				✓	✓			✓	
Large Apertures																													
25MAMA	24.7	24.7	Clear MAMA aperture																✓	✓	✓				✓	✓	✓		✓
50CCD	50.0	50.0	Clear CCD aperture	✓										✓	✓	✓	✓	✓	✓										
50CORON	50.0	50.0	Coronagraph aperture											✓															
F25CIII	24.7	24.7	CIII filtered NUV-MAMA																					✓					
F25CN182	24.7	24.7	182nm Cont. filtered NUV-MAMA																					✓					
F25CN270	24.7	24.7	270nm Cont. filtered NUV-MAMA																					✓					
F25LYA	24.7	24.7	Lyman-alpha filtered FUV-MAMA																✓										
F25MGII	24.7	24.7	MGII filtered NUV-MAMA																					✓					
F25ND3	24.7	24.7	ND 3 filtered MAMA & CCD	✓										✓						✓				✓					
F25ND5	24.7	24.7	ND 5 filtered MAMA & CCD	✓										✓						✓				✓					
F25NDQ1	24.7	24.7	ND step filtered MAMA & CCD (Quad1)											✓						✓				✓					
F25NDQ2	24.7	24.7	ND step filtered MAMA & CCD (Quad2)											✓						✓				✓					
F25NDQ3	24.7	24.7	ND step filtered MAMA & CCD (Quad3)											✓						✓				✓					
F25NDQ4	24.7	24.7	ND step filtered MAMA & CCD (Quad4)											✓						✓				✓					
F25QTZ	24.7	24.7	Quartz filtered MAMA aperture																✓	✓	✓			✓	✓	✓			✓
F25SRF2	24.7	24.7	SrF2 filtered MAMA aperture																✓	✓	✓			✓	✓	✓			✓
F28X50LP	28.0	50.0	Long pass filtered CCD aperture	✓										✓															



Aperture Name	Dimensions (arcsec)		Description	STIS/CCD												STIS/FUV-MAMA				STIS/NUV-MAMA								
	Length	Width		ACQ	ACQ/PEAK							ACCUM					ACCUM or TIME-TAG				ACCUM or TIME-TAG							
				MIRROR	MIRROR	G230LB	G230MB	G430L	G430M	G750L	G750M	MIRROR	G230LB	G230MB	G430L	G430M	G750L	G750M	MIRROR	G140L	G140M	E140H	E140M	MIRROR	G230L	G230M	E230H	E230M
F28X50OII	28.0	50.0	OII filtered CCD aperture	✓													✓											
F28X50OIII	28.0	50.0	OIII filtered CCD aperture	✓													✓											
Coronagraphic Apertures																												
BAR10	50.0	50.0	Bar in coronagraph aperture; 10.0x3.0 arcsec														✓											
WEDGEA1.0	50.0	50.0	Wedge A in coronagraph aper.; Width=1.0 arcsec														✓											
WEDGEA1.8	50.0	50.0	Wedge A in coronagraph aper.; Width=1.8 arcsec														✓											
WEDGEA2.0	50.0	50.0	Wedge A in coronagraph aper.; Width=2.0 arcsec														✓											
WEDGEA2.5	50.0	50.0	Wedge A in coronagraph aper.; Width=2.5 arcsec														✓											
WEDGEA2.8	50.0	50.0	Wedge A in coronagraph aper.; Width=2.8 arcsec														✓											
WEDGEB1.0	50.0	50.0	Wedge B in coronagraph aper.; Width=1.0 arcsec														✓											
WEDGEB1.8	50.0	50.0	Wedge B in coronagraph aper.; Width=1.8 arcsec														✓											
WEDGEB2.0	50.0	50.0	Wedge B in coronagraph aper.; Width=2.0 arcsec														✓											
WEDGEB2.5	50.0	50.0	Wedge B in coronagraph aper.; Width=2.5 arcsec														✓											
WEDGEB2.8	50.0	50.0	Wedge B in coronagraph aper.; Width=2.8 arcsec														✓											

Part B









