

Clamping Range of Baader Solar Filters (inner / outer)



ASTF / BDSF – ClearWhite Baader Solar Filter for High-End Telescopes (including temperature compensated filter cell)

Item # ASTF (OD 5.1)	Item # BDSF (OD 3.8)	Filter Name	ideally suited for aperture range ~	Aperture (mm / inch)	Outer Cell Diameter	Net Weight (g / oz)	Clamping Range			
							contacting inner tube diameter		contacting outer tube diameter	
							with 10mm bolt	with 20mm bolt	with 10mm bolt	with 20mm bolt
2423010	2459370	ASTF/BDSF 80	70 – 90	80 / 3,15	170	139	130 – 160	140 – 170	110 – 140	100 – 130
2423011	2459371	ASTF/BDSF 100	90 – 110	100 / 3,94	190	150	150 ⁽¹⁾ – 180 ⁽²⁾	160 – 190	130 ⁽³⁾ – 160 ⁽⁴⁾	120 – 150
2423012	2459372	ASTF/BDSF 120	110 – 130	120 / 4,72	210	155	170 – 200	180 – 210	150 – 180	140 – 170
2423013	2459373	ASTF/BDSF 140	130 – 150	140 / 5,51	230	173	190 – 220	200 – 230	170 – 200	160 – 190
2423014	2459374	ASTF/BDSF 160	150 – 170	160 / 6,30	250	184	210 – 240	220 – 250	190 – 220	180 – 210
2423015	2459375	ASTF/BDSF 180	170 – 190	180 / 7,09	270	195	230 – 260	240 – 270	210 – 240	200 – 230
2423016	–	ASTF 200	190 – 210	200 / 7,87	290	207	250 – 280	260 – 290	230 – 260	220 – 250
2423017	–	ASTF 240	230 – 250	240 / 9,45	330	230	290 – 320	300 – 330	270 – 300	260 – 290
2423018	–	ASTF 280	270 – 290	280 / 11,02	370	253	330 – 360	340 – 370	310 – 340	300 – 330

Mentioned dimensions are in mm unless noted otherwise.

SAFETY INSTRUCTIONS,
FAQ, latest documents
and more information at:

www.bapl.eu/astro-solar-clearwhite

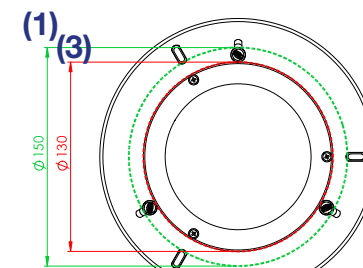


ASSF – ClearWhite Baader Solar Filter for Spotting Scopes, Telescopes and Camera-Lenses

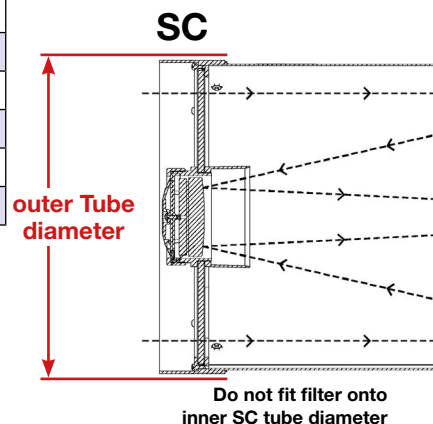
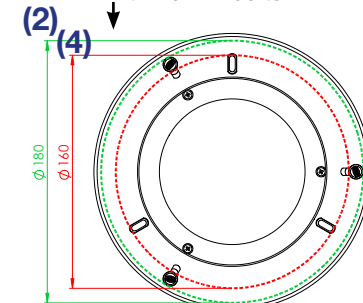
Item #	Filter Name	ideally suited for aperture range ~	Aperture (mm / inch)	Outer Cell Diameter	Net Weight (g / oz)	Clamping Range	
						inner tube Ø	outer tube Ø
						with 13mm bolt	with 13mm bolt
2423035	ASSF 50	40 – 60	50 / 1,97	110	68 / 2.4	81 – 96	55 – 70
2423036	ASSF 65	55 – 75	65 / 2,56	125	77 / 2.7	96 – 111	70 – 85
2423037	ASSF 80	70 – 90	80 / 3,15	140	84 / 3.0	111 – 126	85 – 100
2423038	ASSF 100	90 – 110	100 / 3,94	160	93 / 3.3	131 – 146	105 – 120
2423039	ASSF 115	105 – 125	115 / 4,53	175	101 / 3.6	146 – 161	120 – 135
						with 10mm bolt	with 10mm bolt
2423040	ASSF 130	120 – 140	130 / 5,12	210	151 / 5.3	168 – 198	148 – 178
2423041	ASSF 150	140 – 160	150 / 5,91	230	167 / 5.9	188 – 218	168 – 198

Mentioned dimensions are in mm unless noted otherwise.

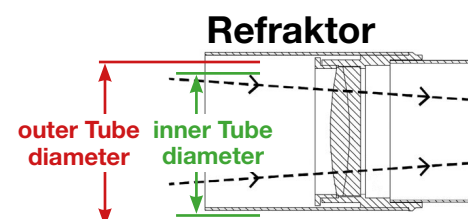
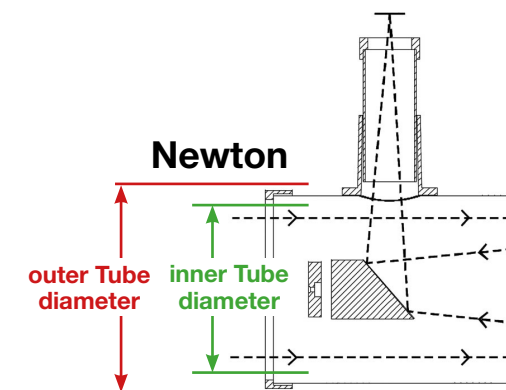
Align all filters with the
optical aperture by adjusting
the filter with the centering
bolts to fit the inner or outer
tube diameter.



Example: ASTF 100
with 10mm bolts



Do not fit filter onto
inner SC tube diameter



ASBF – ClearWhite Baader Solar Filter for Binoculars and Camera-Lenses

Item #	Filter Name	ideally suited for aperture range ~	Aperture (mm / inch)	Outer Cell Diameter	Net Weight (g / oz)	Clamping Range	
						inner tube Ø	outer tube Ø
						with 13mm bolt	with 13mm bolt
2423025	ASBF 50	40 – 60	50 / 1,97	110	68 / 2.4	ASBF filters cannot be clamped to binoculars from the inside because the lenses are too close to the edge. On double refractors the clamping works mechan- ically, but in almost every case a gap would occur.	55 – 70
2423026	ASBF 60	50 – 70	60 / 2,36	120	69 / 2.4		65 – 80
2423027	ASBF 70	60 – 80	70 / 2,76	130	73 / 2.6		75 – 90
2423028	ASBF 80	70 – 90	80 / 3,15	140	78 / 2.8		85 – 100
2423029	ASBF 100	90 – 110	100 / 3,94	160	87 / 3.1		105 – 120

Mentioned dimensions are in mm unless noted otherwise.