

Clamping Range of Baader Solar Filters (outer / inner)

All filters are being aligned with the optical aperture by adjusting the filter with the centering bolts.

ASTF – Baader Solar Filter for high-end Telescopes (including temperature compensated filter cell)

Item #	Filter Name	ideally suited for aperture range ~	Aperture (mm /inch)	Outer Cell Diameter	Net Weight (g / oz)	Clamping Range - Outer - with 10mm bolt	Clamping Range - Inner - with 10mm bolt	Clamping Range - Outer - with 20mm bolt	Clamping Range - Inner - with 20mm bolt
2459310	ASTF 80	70 – 90	80 / 3,15	170	139 / 4.9	110 – 140	130 – 160	100 – 130	140 – 170
2459311	ASTF 100	90 – 110	100 / 3,94	190	150 / 5.3	130 – 160	150 – 180	120 – 150	160 – 190
2459312	ASTF 120	110 – 130	120 / 4,72	210	155 / 5.5	150 – 180	170 – 200	140 – 170	180 – 210
2459313	ASTF 140	130 – 150	140 / 5,51	230	173 / 6.1	170 – 200	190 – 220	160 – 190	200 – 230
2459314	ASTF 160	150 – 170	160 / 6,30	250	184 / 6.5	190 – 220	210 – 240	180 – 210	220 – 250
2459315	ASTF 180	170 – 190	180 / 7,09	270	195 / 6.9	210 – 240	230 – 260	200 – 230	240 – 270
2459316	ASTF 200	190 – 210	200 / 7,87	290	207 / 7.3	230 – 260	250 – 280	220 – 250	260 – 290
2459317	ASTF 240	230 – 250	240 / 9,45	330	230 / 8.1	270 – 300	290 – 320	260 – 290	300 – 330
2459318	ASTF 280	270 – 290	280 / 11,02	370	253 / 8.9	310 – 340	330 – 360	300 – 330	340 – 370

All ASTF filters are supplied with two sets of centering bolts with diameters of 10mm and 20mm for extended clamping range



Mentioned dimensions are in mm unless noted otherwise. Clamping dimensions refer to inner or outer tube diameters

ASSF – 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 - Outer - with 13mm bolt	Clamping Range - Inner - with 13mm bolt
2459335	ASSF 50	40 – 60	50 / 1,97	110	68 / 2.4	55 – 70	81 – 96
2459336	ASSF 65	55 – 75	65 / 2,56	125	77 / 2.7	70 – 85	96 – 111
2459337	ASSF 80	70 – 90	80 / 3,15	140	84 / 3.0	85 – 100	111 – 126
2459338	ASSF 100	90 – 110	100 / 3,94	160	93 / 3.3	105 – 120	131 – 146
2459339	ASSF 115	105 – 125	115 / 4,53	175	101 / 3.6	120 – 135	146 – 161
						with 10mm bolt	with 10mm bolt
2459340	ASSF 130	120 – 140	130 / 5,12	210	151 / 5.3	148 – 178	168 – 198
2459341	ASSF 150	140 – 160	150 / 5,91	230	167 / 5.9	168 – 198	188 – 218

ASSF filters 50 - 115 are supplied with three centering bolts with 13mm diameter. ASSF filters 130 / 150 with three centering bolts 10mm



Mentioned dimensions are in mm unless noted otherwise. Clamping dimensions refer to inner or outer tube diameters

ASBF – 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 - Outer - with 13mm bolt	Clamping Range - Inner - with 13mm bolt
2459325	ASBF 50	40 – 60	50 / 1,97	110	68 / 2.4	55 – 70	81 – 96
2459326	ASBF 60	50 – 70	60 / 2,36	120	69 / 2.4	65 – 80	91 – 106
2459327	ASBF 70	60 – 80	70 / 2,76	130	73 / 2.6	75 – 90	101 – 116
2459328	ASBF 80	70 – 90	80 / 3,15	140	78 / 2.8	85 – 100	111 – 126
2459329	ASBF 100	90 – 110	100 / 3,94	160	87 / 3.1	105 – 120	131 – 146

All ASBF filters are supplied with three centering bolts with 13mm diameter

Mentioned dimensions are in mm unless noted otherwise. Clamping dimensions refer to inner or outer tube diameters

