



How to correctly measure for Scope Caps

HOW TO DETERMINE WHAT CAPS TO ORDER:
Using a set of micrometers measure the 'eye' [OCULAR-rear of scope] and the objective [front of the scope] where the cap will fit to. Using the chart below pick the cap that is closest to the number you determined. Micrometers in America utilize inch readings and a typical reading might be 1.550 which is an '11 EYE' and fits many of Leupold's hunting and tactical series scopes. This technique is useful for determining the proper caps for off brands or foreign models.



A NOTE ON BUTLER CREEK SCOPE CAPS AND SOME CONCERNS:

IBA uses Butler Creek for several reasons.
1] We've always used Butler Creek and their predecessors—SUPREME. [SUPREME was used on the Marines original M40's in Viet Nam].
2] 'Bikini' style , sling shot models are made of a rubbery dirt collecting type material that can't be good to have ANYWHERE near the lens of your multi-million dollar scope.
3] Some types of 'bikini' type caps stay on by utilizing a ribbed section that sits inside the scope lens area and actually can touch, hence rub the lens which removes the coating that the makers are so proud of in their marketing literature—ie; the coatings do help in light transmission and reduced glare.
4] Cleaning the lens with your shirt tail or a handy rag damages the coating by scratching or just plain rubbing a hole in the thin film coating whose thickness is measured in microns. In the past 40 years that we had held schools or taught students to use scoped rifles, we have seen examples of this and have determined in many cases how the coating was ruined. You will NOT be pleased to hear that the coating part of your scope is NOT covered by any warranties from any of the companies. Also, it isn't feasible for a scope company to disassemble the scope, re-coat the lens and put it back together. Lens damage is considered abuse—and you get to pay for that by using a scope that has a funny bright spot in the center or strange light refractions when the sun is just right. A ruined shot or a missed shot could be the result. Hunters and snipers alike-need neither one.
5] Butler Creek caps are easy to pop up or fold down. Dusty conditions can sand blast your lens. When you are done shooting—**SECURE THE LENS CAPS**—discipline folks—discipline! I always enjoy asking how many hands a person might need to get his bikini caps back on the scope from any firing position. I'd venture to guess that it would be a challenge to get those stringy things affixed.

EYE PIECE				OBJECTIVE				OBJECTIVE			
SIZE	INCHES	(MM)	PRODUCT#	SIZE	INCHES	(MM)	PRODUCT#	SIZE	INCHES	(MM)	PRODUCT#
02	1.225	31.1	20020	01	1.00	25.4	30010	25	1.800	45.7	30250
03A	1.300	33.0	20030	04	1.095	27.8	30040	26	1.820	46.2	30260
01	1.341	34.1	20010	02A	1.181	30.0	30025	27	1.840	46.7	30270
03	1.388	35.3	20035	02	1.221	31.0	30020	28	1.890	48.0	30280
05	1.432	36.4	20050	03A	1.300	33.0	30030	29	1.919	48.7	30290
07	1.457	37.0	20070	03	1.34	34.0	30035	30	1.960	49.8	30300
09	1.468	37.3	20090	05	1.387	35.2	30050	31	1.998	50.7	30310
09A	1.485	37.7	20095	07	1.429	36.3	30070	33	2.043	51.9	30330
10	1.516	38.5	20100	09	1.485	37.7	30090	34	2.100	53.3	30340
11	1.550	39.4	20110	10	1.500	38.1	30100	39	2.220	56.4	30390
13	1.570	39.9	20130	11	1.54x1.34	39.1x34.0	30110	40	2.250	57.2	30400
14	1.605	40.8	20140	12	1.76x1.53	44.7x38.9	30120	43	2.310	58.7	30430
15	1.66x1.45	42.2x36.8	20150	13	1.530	38.9	30130	44	2.360	59.9	30440
16	1.660	42.2	20160	15	1.558	39.6	30150	45	2.410	61.2	30450
17	1.675	42.5	20170	17	1.612	40.9	30170	46	2.430	61.7	30460
18	1.700	43.2	20180	19	1.646	41.8	30190	47	2.461	62.5	30470
19	1.730	43.9	20190	20	1.700	43.2	30200	48	2.500	63.5	30480
20	1.775	45.1	20200	21	1.735	44.1	30210	51	2.575	65.4	30510
21	1.70X1.42	43.2X36.1	20210	23	1.760	44.7	30230				