












# SAECO Bullet Moulds

All SAECO bullet moulds must be ordered with the SAECO bullet number. Illustrations not to scale.













## WARNING:

Melting lead and casting lead objects will expose you and others in the area to lead, which is known to cause birth defects, other reproductive harm and cancer. See instructions on Reducing Exposure supplied with product.












	22 CAL.	.243 CAL.	25 CAL.	6.5 mm	270 CAL.	7 mm					30 CAL.		
No.	221	243	257	264	270	281	070	071	073		302	254	316
Designation	60gr. SPGC	85gr. TCGC	100gr. TCGC	140gr. SPGC	140gr. TCGC	145gr. FPGC	145gr. TCGC	160gr. TCGC	165gr. SPGC		120gr. RNGC	115gr. RNBB	150gr. FPGC
Sizing Die	.225	.244	.258	.265	.278	.285	.285	.285	.285		.309	.309	.309
Top Punch	22498	24243	25258	26264	27273	28311	28520	28520	28520		30467	30467	30530
LR Top Punch	46500	46501	46502	46503	46504	46505	46506	46506	46506		46510	46510	46511
Description	Works Well in .223 Semi Autos	For all .243 & .244 Cal.	.25 Cal. Silhouette		Two perfect 60's shot at Reg. 6 IHMSA	Standard for 7mm	Silhouette	200 meters Silhouette	Heavy 7mm Bullet		For 30 MI, GC	For 30 MI	For 30-30
				31 CAL.	32 CAL.					8 mm	9 mm/38 SUPER		
No.	311	307	301	305	323	325	326	321		081	922	925	
Designation	165gr. TCGC	180gr. FPGC	196gr. TCGC	180gr. FPGC	95gr. WC	95gr. SWC	100gr. SWCBB	95gr. RN		190gr. RNGC	115gr. RNBB	115gr. SWCBB	
Sizing Die	.309	.309	.309	.311	.313	.313	.313	.313		.323/324	.356	.356	
Top Punch	30301	30530	30301	30530	32323	32467	32467	32465		32467	35311	35925	
LR Top Punch	46508	46511	46508	46511	46512	46514	46514	46513		46514	46516	46526	
Description			Duplicates Original RG4	303 British	.Good .32 Long Target Bullet			.32 S&W Long		8 mm Rifle			
										9.2 mm	38/357-35 CAL.		
No.	377	384	115	924	383	928	929	910	930	940	052	053	
Designation	122gr. TCBB	122gr. RN	122gr. RNBB	124gr. SWCGC	140gr. SWC	145gr. RNBB	145gr. SWCBB	150gr. RN	154gr. SWCBB	100gr. RNBB	148gr. WCBB	148gr. WC	
Sizing Die	.356	.356	.356	.356	.356/.357	.356/.357	.356/.357	.356	.356/.357	.365	.358	.358	
Top Punch	35375	35311	35311	35925	35429	35311	35925	35311	35925	35465	35550	35381	
LR Top Punch	46519	46516	46516	46526	46522	46516	46526	46516	46526	46524	46525	46520	
Description	Good Ballistics for 9 mm	Good Feeding 9mm		Good Feeding SWC		38 Super	38 Super		38 Super Wilson Design	9mm Makarov	Target Bullet	GAR Design	
No.	397	348	382	388	393	390	391	398	353	354	396	399	351
Designation	148gr. WCDBB	148gr. DBBWC	158gr. SWC	158gr. SWCBB	162gr. SWCGC	158gr. RN	158gr. RNBB	158gr. TC	180gr. FP	180gr. FPGC	180gr. TC	180gr. TCGC	200gr. FP
Sizing Die	.358	.358	.358	.358	.358	.358	.358	.358	.358	.358	.358	.358	.358
Top Punch	35344	35344	35429	35429	35429	35311	35311	35399	35353	35353	35399	35399	35399
LR Top Punch	46517	46517	46522	46522	46522	46516	46516	46521	46518	46518	46521	46521	46516
Description	148gr. Double Bevel Base WC	Single Groove DBB	Keith Design	Most Popular		Standard .38 Bullet			Super Long Range Bullet	GC Version of Popular 353			Heavy 357 Bullet
				375 CAL.	40 CAL./10 mm						41 CAL.		
No.	356	395	352	373	040	043	045	047	048		416	419	
Designation	200gr. FPGC	200gr. TCGC	245gr. FPGC	265gr. FPGC	155gr. SWCBB	170gr. TCBB	170gr. SWCBB	200gr. TCBB	200gr. SWCBB		170gr. SWCBB	200gr. SWCBB	
Sizing Die	.358	.358	.358	.376	.401	.401	.401	.401	.401		.411	.411	
Top Punch	35353	35399	35399	37570	40048	40047	40048	40047	40048		41447	41447	
LR Top Punch	46516	46521	46516	46528	46530	46529	46530	46529	46530		46535	46535	
Description	Handgun Silhouette	Silhouette		Rifle	10mm Auto	10mm Auto	10mm Auto	10mm Auto	10mm Auto		41 Auto Petty Design	41 Auto Petty Design	

41 CAL. (continued)							44 CAL.				
											
<b>No.</b>	412	417	409	413	415	410	418	944	420	445	442
<b>Designation</b>	185gr. SWC	210gr. SWC	190gr. TC	210gr. TCBB	220gr. TCGC	220gr. FP	220gr. SWCBB	200gr. WC	200gr. TC	220gr. SWCBB	246gr. RN
<b>Sizing Die</b>	.411	.411	.411	.411	.411	.411	.411	.430	.430	.430	.430
<b>Top Punch</b>	41610	41610	41415	41415	41415	41415	41610	44944	44428	44191	44374
<b>LR Top Punch</b>	46536	46536	46534	46534	46534		46536	46544	46542	46538	46540
<b>Description</b>						Pistol Silhouette	Bevel Base Keith Style	GAR Design	Jim Hubert Design		Standard 44 Spec. Bullet

45 CAL.												
												
<b>No.</b>	441	440	439	429	424	428	431	430	432	433	063	062
<b>Designation</b>	240gr. SWC	240gr. SWCBB	240gr. SWCGC	240gr. FP	240gr. TCGC	240gr. TC	250gr. FPGC	265gr. FP	265gr. FPGC	300gr. FPGC	160gr. SPL	170gr. SPLBB
<b>Sizing Die</b>	.430	.430	.430	.430	.430	.430	.430	.430	.430	.430	.452	.452
<b>Top Punch</b>	44421	44421	44421	44191	44428	44428	44191	44191	44191	44191	45452	45452
<b>LR Top Punch</b>	46541	46541	46541	46538	46542	44542	46538	46538	46538	46538	46552	46552
<b>Description</b>	Standard Wt. 44 Mag Keith Style			Superb Long Range Bullet	GC Version of Popular 428	Most Popular Silhouette	444 Marlin	Superb Long Range Bullet		Silhouette	Behn Design	-V-MAXX .45 Behn Design

45 CAL. RIFLE											
											
<b>No.</b>	065	130	131	066	068	069	058	265	067	456	457
<b>Designation</b>	180gr. SWCBB	185gr. SWC	185gr. SWCBB	180gr. SWC	200gr. SWCBB	200gr. SWC	215gr. SWCBB	210gr. RNWC	225gr. TCBB	225gr. RN	225gr. RNBB
<b>Sizing Die</b>	.452	.452	.452	.452	.452	.452	.452	.452	.452	.452	.452
<b>Top Punch</b>	45429	45421	45421	45429	45429	45429	45424	45265	45375	45701	45701
<b>LR Top Punch</b>	46551	46549	46549	46551	46551	46551	46550	46547	46548	46556	46556
<b>Description</b>	Lt. Wt. IPSC	Most Popular Lt. Target			Most Popular Combat Bullet		Bowling Pin Bullet	Best Feeding .45 ACP		Standard Round Nose	

\* Due to length, diameter or weight, the moulds indicated are available in "MAGNUM" mould blocks only.

◆ Designates Lyman/RCBS style Top Punches

## Bullet Sizes & Weights – How to Vary Them

The bullet diameters and weights presented in this list are based on the use of Taracorp's Lawrence Magnum bullet alloy (2% tin, 6% antimony, 1/4% arsenic, 91.75% lead).

Bullet diameters and weights will vary considerably depending on the lead casting alloy used. This variation can be as much as 1/2% on the diameter, and 8% on the weight among the most commonly used casting alloys. For example, a .358-158 grain bullet might show a diameter variation of .002", and a 13 grain difference in weight.

Of the most commonly used alloys, wheel weights (.5% tin, 4% antimony, 95% lead) will produce bullets having the smallest diameter and heaviest weight, with such bullets running approximately 1/3% smaller in diameter and 3% heavier than bullets cast with Taracorp's metal. Linotype will produce bullets with the largest diameter and lightest weights. This alloy will

produce bullets approximately 1/10% larger and 3% lighter than Taracorp. Other alloys of tin and antimony, with antimony content above 5%, will produce bullets with diameters and weights falling between those cast from wheel weights and linotype.

Alloys containing little or no antimony will cast considerably smaller than wheel weights and in some cases will produce bullets too small for adequate sizing. Within the limitations given above, the weight and diameter of a cast bullet can be adjusted by varying the alloy's antimony content.

The size and weight of bullets of a given alloy will also vary according to casting temperature. Higher temperatures will result in greater shrinkage as the bullet cools, thereby producing a slightly smaller and lighter bullet than one cast of the same alloy at a lower temperature.

## Gas Checks

SAECO has adopted the tapered form of gas check heel to minimize problems encountered with the use of various alloys and gas checks. SAECO bullets are designed to properly maintain the gas checks when cast with Lawrence Magnum Bullet Metal or linotype. Alloys producing smaller diameters may result in gas checks not seating properly. Bullet weights listed for gas check designs include the gas check weight.

## Bevel Base Bullets

SAECO Bevel Base bullets have a slight bevel at the base of the bullet. This bevel helps guide the bullet into the cartridge case. A benefit of using bevel base bullets is that the case will require minimal bell-mouthing, and have a longer case life. Bevel base bullets are of course easier to seat.