

Synchronizor's

# Shot Sizes Guide

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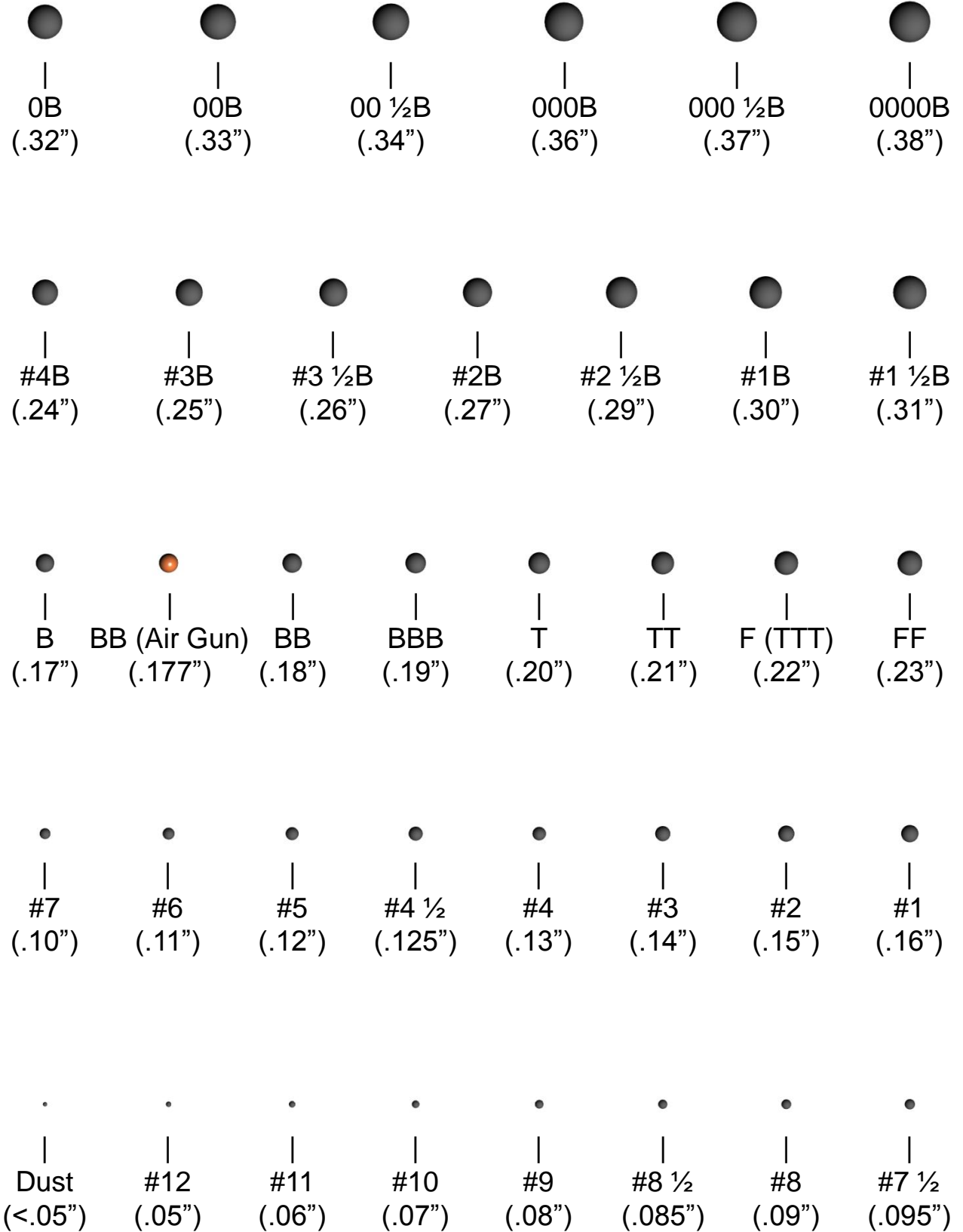
# Detailed American Shot Sizes, Masses, & Pellet Counts

	Shot Size	Pellet Diameter (inches)	Pellet Diameter (mm)	Approximate Pellet Count Per Ounce			Approximate Pellet Mass (grains)		
				Pure Lead (11.34 g/cc)	Hard Lead Alloy (11 g/cc)	Steel (7.86 g/cc)	Pure Lead (11.34 g/cc)	Hard Lead Alloy (11 g/cc)	Steel (7.86 g/cc)
Buckshot	0000B	0.380	9.7	5.31	5.47	7.66	82.38	79.91	57.10
	000-1/2B	0.370	9.4	5.75	5.93	8.30	76.05	73.77	52.71
	000B	0.360	9.1	6.25	6.44	9.01	70.05	67.95	48.55
	00-1/2B	0.340	8.6	7.41	7.64	10.70	59.01	57.24	40.90
	00B	0.330	8.4	8.11	8.36	11.70	53.96	52.34	37.40
	0B	0.320	8.1	8.89	9.17	12.83	49.20	47.72	34.10
	#1-1/2B	0.310	7.9	9.78	10.08	14.11	44.73	43.39	31.00
	#1B	0.300	7.6	10.79	11.13	15.57	40.54	39.32	28.10
	#2-1/2B	0.290	7.4	11.95	12.32	17.24	36.62	35.52	25.38
	#2B	0.270	6.9	14.80	15.26	21.36	29.55	28.67	20.48
	#3-1/2B	0.260	6.6	16.58	17.09	23.92	26.39	25.60	18.29
	#3B	0.250	6.4	18.65	19.23	26.91	23.46	22.76	16.26
	#4B	0.240	6.1	21.08	21.73	30.41	20.76	20.13	14.39
Birdshot	FF	0.230	5.8	23.95	24.69	34.55	18.27	17.72	12.66
	F (TTT)	0.220	5.6	27.37	28.21	39.48	15.99	15.51	11.08
	TT	0.210	5.3	31.46	32.44	45.40	13.90	13.49	9.64
	T	0.200	5.1	36.42	37.55	52.55	12.01	11.65	8.33
	BBB	0.190	4.8	42.48	43.80	61.29	10.30	9.99	7.14
	BB	0.180	4.6	49.96	51.51	72.09	8.76	8.49	6.07
	BB (air gun)	0.177	4.5	52.55	54.17	75.81	8.33	8.08	5.77
	B	0.170	4.3	59.31	61.14	85.57	7.38	7.16	5.11
	#1	0.160	4.1	71.14	73.34	102.64	6.15	5.97	4.26
	#2	0.150	3.8	86.34	89.01	124.57	5.07	4.92	3.51
	#3	0.140	3.6	106.19	109.48	153.21	4.12	4.00	2.86
	#4	0.130	3.3	132.63	136.73	191.36	3.30	3.20	2.29
	#4.5 (1/8")	0.125	3.2	149.19	153.81	215.25	2.93	2.84	2.03
	#5	0.120	3.0	168.63	173.84	243.29	2.59	2.52	1.80
	#6	0.110	2.8	218.93	225.70	315.86	2.00	1.94	1.39
	#7	0.100	2.5	291.39	300.40	420.41	1.50	1.46	1.04
	#7.5	0.095	2.4	339.87	350.37	490.34	1.29	1.25	0.89
	#8	0.090	2.3	399.72	412.07	576.69	1.09	1.06	0.76
	#8.5	0.085	2.2	474.49	489.15	684.57	0.92	0.89	0.64
	#9	0.080	2.0	569.13	586.72	821.11	0.77	0.75	0.53
#10	0.070	1.8	849.55	875.81	1225.68	0.51	0.50	0.36	
#11	0.060	1.5	1349.05	1390.75	1946.34	0.32	0.31	0.22	
#12	0.050	1.3	2331.16	2403.21	3363.27	0.19	0.18	0.13	
Dust	0.040	1.0	4553.04	4693.77	6568.89	0.10	0.09	0.07	

# Visual Comparison of American Shot Sizes



.22 Long Rifle Cartridge



# Tips for Remembering American Shot Sizes

*Anyone can look up shot sizes in a chart. If you want to be able to recall any of these sizes from memory, understanding the various naming conventions and remembering a few tricks can make things far easier.*

## **Ball Sizes:**

Ball sizes are simply referred to by their nominal diameter (usually in inches or inch-caliber), with “ball” or “roundball” tacked on. Easy.

## **“Aught” Buckshot Sizes:**

00 Buck is .33 caliber; just memorize it.

For the others, start at .30 caliber, and add .02” for each “0”.

## **Numbered Buckshot Sizes:**

Remember that #4 Buck is .24 caliber (.01” above the largest birdshot size). You can work out the other three numbered sizes by remembering that the steps between subsequent sizes increase by .01” each time:

.25 caliber #3B is .01” above .24 caliber #4B.

.27 caliber #2B is .02” above .25 caliber #3B.

.30 caliber #1B is .03” above .27 caliber #2B.

## **Buckshot Half-Sizes:**

Half-sizes exist where there are gaps of .02” or greater between the eight standard whole buckshot sizes, and are named by adding “½” to the name of the next *smallest* whole size.

Half-sizes in gaps of .02” are evenly spaced between the nearest two whole sizes. Half-sizes in gaps of .03” are .01” away from the whole size that is closest to the transition between the numbered and “aught” sizes.

## **Birdshot Letter Sizes:**

Letter sizes maintain the regular, hundredth-inch progression of the numbered birdshot sizes. Remember that B shot is essentially #0 birdshot at .17-caliber, and then the other two “B”s, the “T”s, and the “F”s go up from there.

## **Birdshot Numbered Sizes:**

Subtract the size number from 17, and the result is the nominal pellet diameter in hundredths of an inch. This works for both integer and non-integer birdshot size numbers.

## **Dust Shot:**

Dust shot traditionally refers to pellets .04” in diameter or smaller, but the term is also sometimes applied to #11 or #12 birdshot.