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Powder Bushing Charts

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MEC Bushing Chart

Alliant Shotshell Powder

The bushing chart does not represent recommended weights of charge. It is intended as a guide only to show the relationship of the volumetric capacity to the various bushings.

Bushing #	American Select	Red Dot	Green Dot	Herco	2400	Blue Dot	Unique	Bullseye	e3	20/28	410
7	---	---	---	---	---	---	---	---	---	---	10.2
8	---	---	---	---	---	---	---	---	---	---	10.5
9	---	---	---	---	---	---	---	---	---	---	11.1
10	6.9	6.3	6.7	7.9	11.8	10.8	7.5	8.6	6.6	9.1	11.7
11	7.3	6.7	7.2	8.3	12.5	11.3	7.9	9.1	7.0	9.4	12.1
12	7.7	7.1	7.6	8.8	13.3	11.9	8.4	9.6	7.2	10.1	13.0
12A	8.2	7.5	8.0	9.3	14.0	12.5	8.9	10.1	7.5	10.8	13.6
13	8.6	7.9	8.4	9.8	14.8	13.1	9.4	10.6	8.0	11.3	14.5
13A	9.1	8.3	8.9	10.4	15.6	13.7	9.9	11.2	8.3	11.9	15.1
14	9.6	8.7	9.3	10.9	16.4	14.4	10.4	11.7	8.9	12.5	15.7
15	10.1	9.2	9.8	11.4	17.2	15.0	10.9	12.3	9.2	13.0	16.6
16	10.6	9.6	10.3	12.0	18.1	15.7	11.4	12.9	9.9	13.8	17.4
17	11.1	10.1	10.8	12.6	18.9	16.3	12.0	13.5	10.5	14.5	18.4
18	11.7	10.6	11.3	13.2	19.8	17.0	12.6	14.1	11.0	15.1	19.2
19	12.2	11.1	11.8	13.8	20.7	17.7	13.1	14.8	11.7	15.7	20.2
Bushing #	American Select	Red Dot	Green Dot	Herco	2400	Blue Dot	Unique	Bullseye	e3	20/28	410
20	12.8	11.6	12.4	14.4	21.7	18.4	13.7	15.4	12.3	16.3	21.1
21	13.3	12.1	12.9	15.0	22.6	19.2	14.5	16.1	12.8	17.1	22.1
22	13.9	12.6	13.5	15.7	23.6	20.1	15.1	16.8	13.4	18.0	23.1
23	14.5	13.1	14.0	16.3	24.6	21.0	15.8	17.5	13.8	18.8	24.4
24	15.1	13.7	14.6	17.0	25.6	21.9	16.4	18.2	14.2	19.6	25.6
25	15.7	14.2	15.2	17.7	26.6	22.8	17.1	18.9	14.8	20.5	26.1
26	16.4	14.9	15.8	18.4	27.7	23.7	17.7	19.6	15.3	21.3	26.9
27	17.0	15.7	16.4	19.1	28.8	24.6	18.4	20.4	15.9	22.1	28.0
28	17.7	16.4	17.0	19.8	29.9	25.5	19.1	21.2	16.4	23.0	29.5
29	18.3	17.1	17.7	20.6	31.0	26.4	19.8	21.9	16.9	23.8	30.3
Bushing #	American Select	Red Dot	Green Dot	Herco	2400	Blue Dot	Unique	Bullseye	e3	20/28	410
30	19.0	17.8	18.3	21.3	32.1	27.3	20.5	22.8	17.4	24.5	31.4
31	19.7	18.5	19.0	22.1	33.3	28.2	21.1	23.7	17.9	25.4	32.4
32	20.4	19.2	19.6	22.9	34.5	29.1	21.7	24.6	18.5	26.3	33.6
33	21.1	19.9	20.3	23.7	35.7	30.5	22.5	25.5	19.5	26.8	34.7
34	21.8	20.6	21.0	24.5	36.9	31.6	23.2	26.4	20.5	27.6	35.9
35	22.6	21.3	21.7	25.3	38.1	32.7	24.0	27.3	21.0	28.8	37.0
36	23.3	21.9	22.4	26.2	39.4	33.8	24.8	28.2	21.8	29.9	38.1
37	24.1	22.7	23.2	27.0	40.7	35.0	25.6	29.1	22.3	31.2	39.3
38	24.9	23.3	23.9	27.9	42.0	36.1	26.5	30.1	22.8	32.4	40.6
38A	25.7	24.1	24.7	28.8	43.3	37.3	27.3	31.0	23.2	33.2	42.0
39	26.5	24.7	25.4	29.7	44.6	38.5	28.2	31.9	23.8	34.0	43.3
39A	27.3	25.2	26.2	30.6	46.0	39.7	29.0	32.8	24.5	35.1	45.0

Bushing #	American Select	Red Dot	Green Dot	Herco	2400	Blue Dot	Unique	Bullseye	e3	20/28	410
40	28.1	25.9	27.0	31.5	47.4	40.9	29.9	33.7	25.4	36.2	46.7
40A	28.9	26.6	27.8	32.4	48.8	42.2	30.8	34.7	26.0	37.5	48.0
41	29.8	27.3	28.6	33.4	50.2	43.4	31.7	35.7	26.6	38.8	49.2
41A	30.7	27.9	29.4	34.3	51.6	44.7	32.6	36.9	27.0	39.9	50.4
42	31.5	28.4	30.3	35.3	53.1	46.0	33.5	38.1	27.5	41.1	51.7
42A	32.4	29.3	31.1	36.3	54.6	47.4	34.5	39.4	28.8	42.4	53.0
43	33.3	29.9	32.0	37.3	56.1	48.7	35.4	40.7	30.0	43.7	54.8
43A	34.2	30.8	32.8	38.3	57.6	50.1	36.4	42.0	31.1	45.0	56.3
44	35.2	31.5	33.7	39.3	59.2	51.5	37.4	43.3	32.2	46.2	57.4
44A	36.4	32.1	34.6	40.4	60.7	52.9	38.4	44.6	33.1	47.1	58.0
45	37.0	32.7	35.5	41.4	62.3	54.3	39.4	46.0	33.9	48.1	---
45A	38.0	33.4	36.4	42.5	63.9	55.7	40.4	47.4	34.8	48.9	---
46	39.0	34.1	37.4	43.6	65.6	57.2	41.4	48.8	35.9	49.9	---

NOTE:

The amount of powder thrown by bushings was calculated using single-stage reloaders. Single-stage machines will usually throw heavier charges than progressive reloading machines. Please verify powder loads by using an accurate scale.

Compatible Components

Primers, wads, powder charge and weight of the shot charge must be in accordance with the manufacturer's specifications. Handloader guides are available from the component manufacturer or possibly from your source of reloading components. We recommend that you use the data listed in the handloader guides. Because we have no control over the type, quality, or quantity of components used, we assume no responsibility relative to your reloading or finished shells.

Handloader guides are available from:

Alliant Techsystems
Route 114 - P.O. Box 6
Radford VA 24141-0096
(800) 276-9337

<http://www.alliantpowder.com>

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